COMPREHENSIVE TRAFFIC STUDY

IRVINE GATEWAY VILLAGE

IRVINE, CALIFORNIA

PLANNING AREA 2

This Traffic Study has been prepared under the supervision of
Ambarish Mukherjee, P.E.

LSA

May 2025

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IRVINE GATEWAY VILLAGE

IRVINE, CALIFORNIA

PLANNING AREA 2

Submitted to:

Dudek
605 Third Street
Encinitas, California 92037

Prepared by:

LSA
3210 El Camino Real, Suite 100
Irvine, California 92602
(949) 553-0666

Project No. 20231340

LSA

May 2025

EXECUTIVE SUMMARY

The purpose of this Comprehensive Traffic Study is to determine potential Short-Term, Long-Range, and Buildout level of service (LOS) impacts and California Environmental Quality Act (CEQA) transportation impacts (vehicle miles traveled [VMT]) resulting from the proposed Irvine Gateway Village Project (project) in Planning Area 2 (PA 2) in Irvine, California.

The project site is located north of Portola Parkway, east of Jeffrey Road, south of State Route 241 (SR-241), and west of Bee Canyon Access Road. The proposed project includes approximately 1,360 residential units (408 single-family detached units and 952 multi-family units) on a 105.4-acre vacant parcel. It should be noted that the 105.4-acre parcel represents the entire project site, which includes 77.6 acres for the proposed residential development, 9.5 acres for the proposed Jeffrey Open Space Trail (JOST) extension, 4.8 acres for the proposed South Park, and 13.5 acres of Orange County land area by Bee Canyon Access Road. Twenty-five (25) percent (340 units) of the total proposed units are affordable multi-family housing units. The public park (South Park), located at the northwest corner of the project site, is included as a part of the proposed project. This is part of a larger public park/open space area (approximately 100 acres) to be created by the City based on the removal of the former All American Asphalt plant. The proposed project will be completed in a single phase.

A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. A sidewalk on the north side of Portola Parkway along the project property frontage is proposed as a project design feature.

Access to the project site will be provided via three full-access driveways on Jeffrey Road and a right-in/right-out (RIRO) driveway on Portola Parkway.

Based on the City of Irvine (City) *Traffic Study Guidelines* (March 21, 2023), a comprehensive Traffic Study is required to evaluate the cumulative effects with buildout of the proposed project.

This study focuses on the a.m. peak-hour and p.m. peak-hour LOS at intersections, freeway/tollway ramps, and freeway/tollway mainline segments, and daily LOS at arterial roadway segments within the North Irvine Transportation Mitigation (NITM) boundary, which was reviewed and confirmed with City staff prior to the analysis. The project LOS impacts were determined based on analysis of the following scenarios:

- Short-Term Interim-Year Approved Baseline
- Short-Term Interim-Year Approved Baseline Plus Project
- Long-Range Approved Baseline
- Long-Range Approved Baseline Plus Project
- Buildout Approved Baseline
- Buildout Approved Baseline Plus Project
- Buildout Pending Baseline
- Buildout Pending Baseline Plus Project

Based on the results of the LOS analysis, the proposed project results in an LOS impact at the following locations, and the corresponding physical improvements are required:

- **I-5 Southbound (SB) On-Ramp at Jeffrey Road under the Long-Range Approved Scenario:** The conversion of the high-occupancy vehicle (HOV) preferential on-ramp to a second metered mixed-flow lane at this ramp location will increase the on-ramp capacity and reduce the project's LOS impact. This is identified as an NITM partially funded improvement. The project will participate in the implementation of this proposed mitigation improvement on a fair-share basis to mitigate its impact, and a 1.62 percent fair-share contribution would be required.

A site access analysis, consistent with the City's Transportation Design Procedures (TDPs), was conducted for the project for both Existing and Buildout Approved scenarios. The summary of access analysis results for each scenario has been described below.

EXISTING BASELINE AND PLUS PROJECT SCENARIO

This scenario does not include the Jeffrey Road extension. Under this scenario, Jeffrey Road between Portola Parkway and C Street was recently constructed as a four-lane Primary roadway and it terminates near C Street (approximately 3,100 feet north of Portola Parkway). The cross section of Jeffrey Road includes an on-street bike lane on both sides of the street and a northbound (NB) de-facto right-turn lane at each project driveway (which would satisfy TDP-4 criteria). No impacts to vehicle access were identified using the following design guidelines with recommendations and justification provided in the report:

- **TDP-1:** Turn Lane Pocket Lengths
- **TDP-3:** Left-Turn In/Out Access
- **TDP-4:** Right-Turn Lanes at Uncontrolled Driveways
- **TDP-10:** Distance Between Driveways and Intersections
- **TDP-14:** Driveway Lengths

A traffic signal is not warranted based on expected traffic conditions at any of the proposed project access points from Jeffrey Road in this scenario, per TDP-12 criteria. A one-way stop control is proposed for A, B, and C Streets at Jeffrey Road in the existing condition.

BUILDOUT APPROVED BASELINE AND PLUS PROJECT SCENARIO

This scenario does include the Jeffrey Road extension from C Street to SR-241 and further north to Santiago Canyon Road. Under this scenario, a traffic signal would be warranted and recommended at A Street on Jeffrey Road to satisfy both TDP-3 and TDP-12 criteria. In addition to a four-lane Primary facility for Jeffrey Road, a NB de-facto right-turn lane is provided at A, B, and C Streets on Jeffrey Road to satisfy TDP-4 criteria. No impacts to vehicle access were identified using the following design guidelines with the recommendations and justification provided in this report:

- **TDP-1:** Turn Lane Pocket Lengths
- **TDP 3:** Left-Turn In/Out Access
- **TDP 4:** Right-Turn Lanes at Uncontrolled Driveways

- **TDP-10:** Distance Between Driveways and Intersections
- **TDP-14:** Driveway Lengths

A traffic signal is warranted at A, B, and C Streets on Jeffrey Road in this scenario, per TDP-12 criteria. However, only a traffic signal at A Street is recommended based on several factors, including the distance between driveways, the peak-hour traffic volumes primarily at A Street, and the internal circulation (i.e., D Street) that would allow project vehicles to access the proposed signal at A Street. A one-way stop control is proposed for B and C Streets at Jeffrey Road in the buildout condition.

The proposed project would maintain the existing walkways/sidewalks, on-street (Class II) bicycle lanes, and JOST in the vicinity of the project site (i.e., south of Portola Parkway). A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the northernmost end of the JOST, which runs through Irvine. A sidewalk on the north side of Portola Parkway along the project property frontage is proposed as a project design feature. There are no transit routes or stops within 0.5 mile of the project site in the existing condition. The closest bus stops are located at the northwest and southwest corners of Jeffrey Road/Irvine Boulevard, which are approximately 1 mile from the project site. The updated site plan provided by the developer will include a new transit stop and bus turnout on Jeffrey Road at approximately the northeast corner of Jeffrey Road and C Street. This new transit stop will serve the expanded Irvine CONNECT route, to be implemented by the City, with the extension going adjacent to the Irvine Gateway project.

Based on the City's *Traffic Study Guidelines*, the proposed project is required to reduce its VMT by 25.7 percent and is presumed to have a significant CEQA transportation impact. Three applicable VMT mitigation measures identified from the *CAPCOA Handbook*, as well as the City's *Traffic Study Guidelines*, include T-4 (Integrate Affordable and Below Market Rate Housing), T-18 (Provide Pedestrian Network Improvement), and T-20 (Expand Bikeway Network). Assuming each mitigation measure could achieve its maximum VMT reduction value, the implementation of those three mitigation measures could reduce VMT by a total of 9.5 percent, which is less than the project's VMT impact of 25.7 percent. As a result, the proposed project will have a significant unavoidable VMT impact. Therefore, a Statement of Overriding Considerations must be considered for adoption and is a part of the CEQA document (Environmental Impact Report [EIR]) prepared for this project.

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LIST OF ABBREVIATIONS AND ACRONYMS

ADT	average daily traffic
CA MUTCD	California Manual on Uniform Traffic Control Devices
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Offices Association
CAPCOA Handbook	*Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity*
CEQA	California Environmental Quality Act
City	City of Irvine
CMP	Congestion Management Program
EB	eastbound
EIR	Environmental Impact Report
General Plan	*2045 Irvine General Plan*
GMP	Growth Management Plan
HCM	*Highway Capacity Manual*
HOV	high-occupancy vehicle
I-405	Interstate 405
I-5	Interstate 5
ICU	intersection capacity utilization
ITAM	Irvine Transportation Analysis Model
ITAM TC	TransCAD version of the Irvine Transportation Analysis Model
ITE	Institute of Transportation Engineers
JOST	Jeffrey Open Space Trail
LOS	level(s) of service

MPAH	Master Plan of Arterial Highways
mph	mile(s) per hour
NB	northbound
NITM	North Irvine Transportation Mitigation
NITM Ordinance	North Irvine Transportation Mitigation (NITM) City Council Ordinance 03-61
OCTA	Orange County Transportation Authority
OCTAM	Orange County Traffic Analysis Model
OPR	Governor's Office of Planning and Research
PA 33	Planning Area (Irvine Spectrum Center)
PA 6	Planning Area 6 (Portola Springs)
PeMS	Performance Management System
project	Irvine Gateway Village project
RIRO	right-in/right-out
SB	southbound
SR-133	State Route 133
SR-241	State Route 241
SR-261	State Route 261
SR-73	State Route 73
TAZ	Traffic Analysis Zone
TDP	Transportation Design Procedure
TDM	transportation demand management
TRB	Transportation Research Board
v/c	volume-to-capacity
VMT	vehicle miles traveled

vph	vehicles per hour
vphpl	vehicles per hour per lane
WB	westbound

COMPREHENSIVE TRAFFIC STUDY
IRVINE GATEWAY VILLAGE

LSA has prepared the following Comprehensive Traffic Study to identify the potential Short-Term, Long-Range, and Buildout level of service (LOS) impacts and California Environmental Quality Act (CEQA) transportation impacts (vehicle miles traveled [VMT]) resulting from the proposed Irvine Gateway Village Project (project) in Planning Area 2 (PA 2) in Irvine, California.

LSA has prepared this Comprehensive Traffic Study consistent with the approved Scope of Work, dated August 15, 2024 (provided in Appendix A). This Traffic Study was prepared in accordance with the applicable sections of the City of Irvine (City) *Traffic Study Guidelines* (March 21, 2023), North Irvine Transportation Mitigation (NITM) City Council Ordinance 03-61 (May 2003) (NITM Ordinance), and Transportation Design Procedures (TDPs) (February 2007).

INTRODUCTION

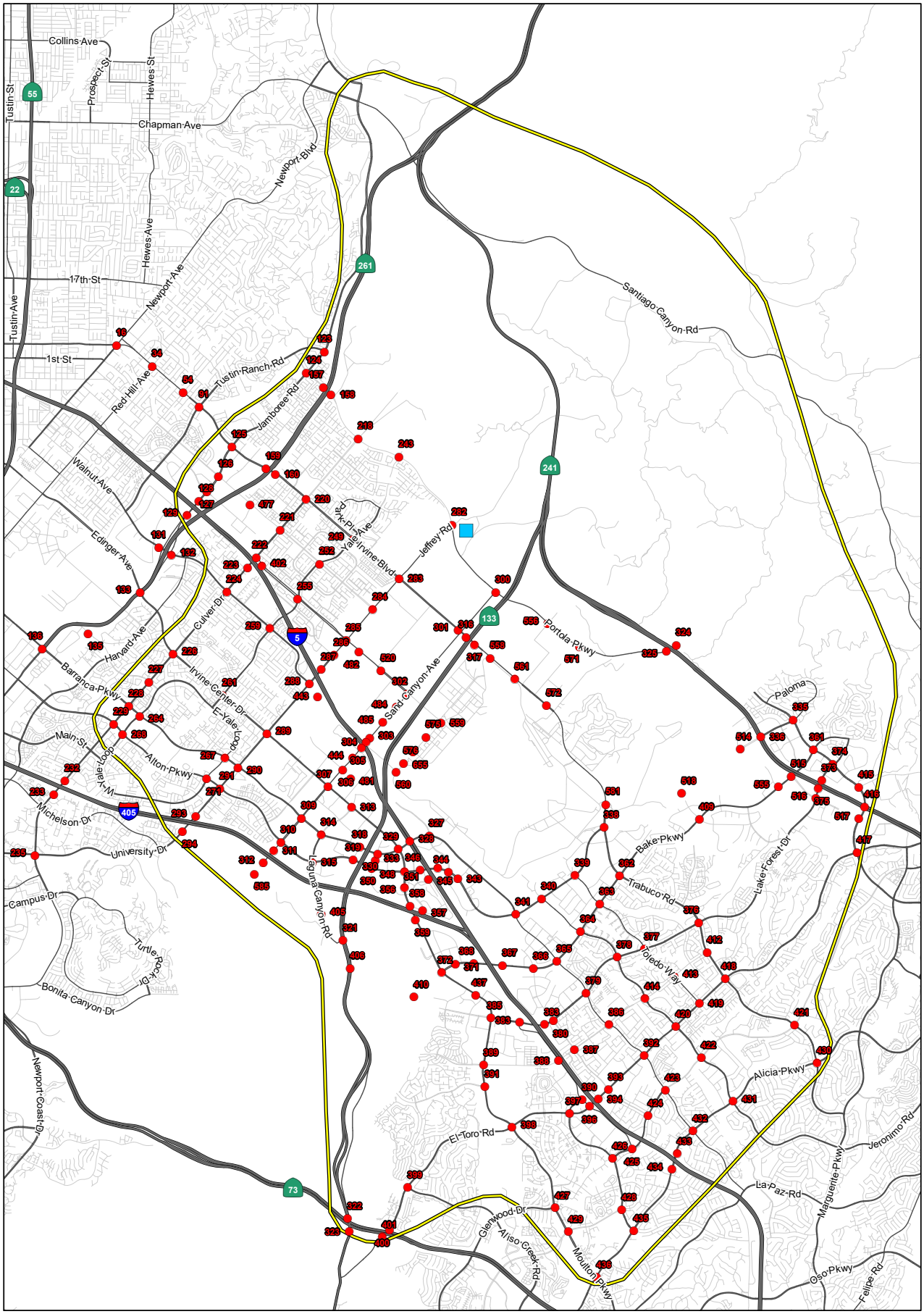
Project Site

The project site is located north of Portola Parkway, east of Jeffrey Road, south of State Route 241 (SR-241), and west of Bee Canyon Access Road, as shown on Figure 1. The project site is currently undeveloped.

The proposed project includes 1,360 residential units (408 single-family detached units and 952 multi-family units) on a 105.4-acre vacant parcel. It should be noted that the 105.4-acre parcel represents the entire project site, which includes 77.6 acres for the proposed residential development, 9.5 acres for the proposed Jeffrey Open Space Trail (JOST) extension, 4.8 acres for the proposed South Park, and 13.5 acres of Orange County land area by Bee Canyon Access Road. Twenty-five (25) percent (340 units) of the total proposed units are affordable multi-family housing units. The public park (South Park), located at the northwest corner of the project site, is included as a part of the proposed project. This is part of a larger public park/open space area (approximately 100 acres) to be created by the City based on the removal of the former All American Asphalt plant. The proposed project will be completed in a single phase.

A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the easternmost end of the JOST, which runs through Irvine. A sidewalk on the north side of Portola Parkway along the project property frontage is proposed as a project design feature.

Access to the project site will be provided via three full-access driveways on Jeffrey Road and a right-in/right-out (RIRO) driveway on Portola Parkway. A conceptual plan of the proposed project is provided on Figure 2. The applicant is currently in the process of developing a detailed site plan and results of this traffic study will be incorporated into the final site plan.



LSA

LEGEND

- Project Location
- Intersection Location
- NITM Program Study Area Boundary

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FEET

SOURCE: Use Upper and Lower Case Fonts (MM/YY)

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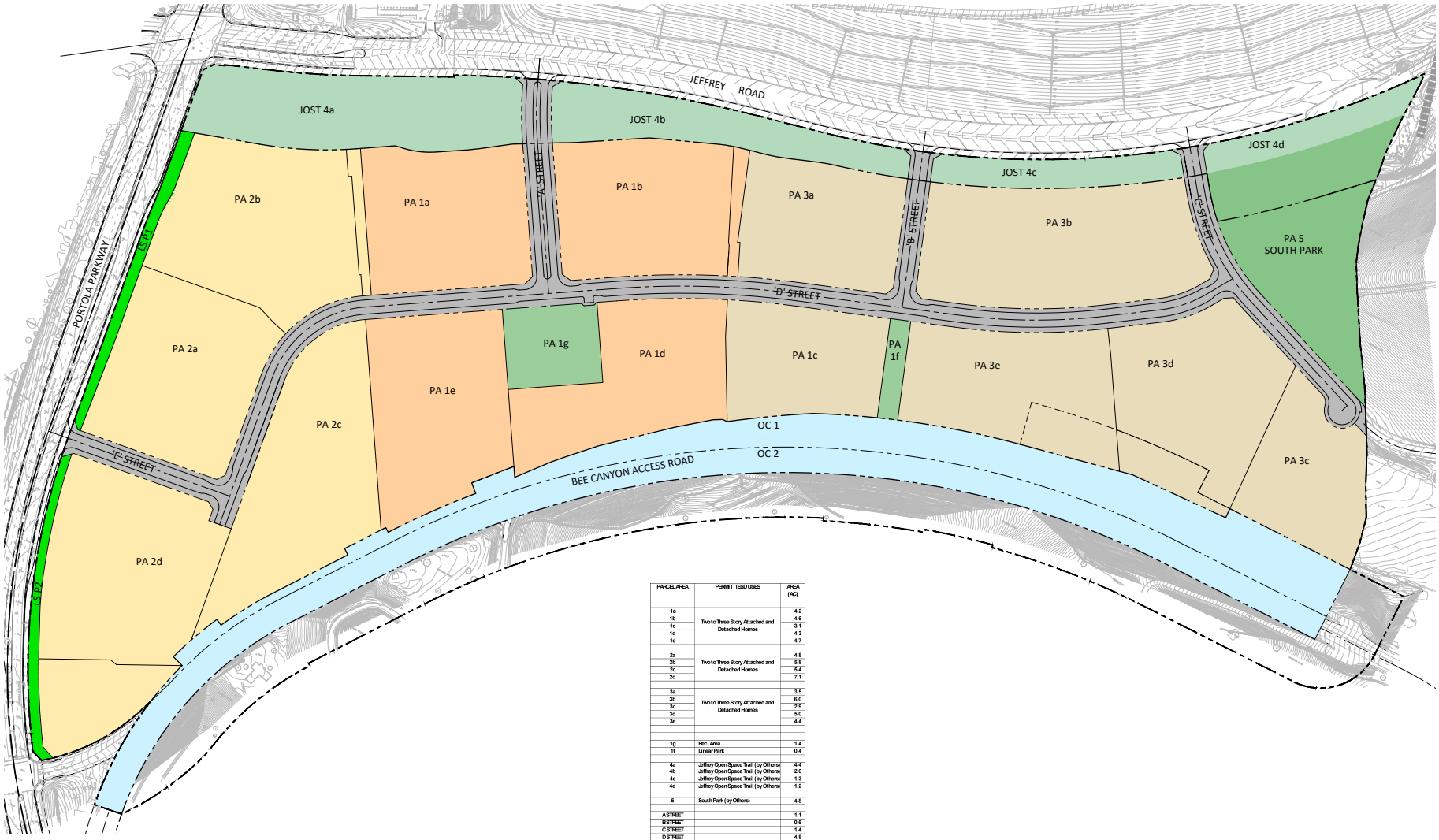
FIGURE 1

Irvine Gateway Project

Project Location and Study Area Locations



PARCEL AREA	PERMITTED USES	AREA (AC)
1a	Two to Three Story Attached and Detached Homes	4.2
1b		4.6
1c		3.1
1d		4.3
1e		4.7
2a	Two to Three Story Attached and Detached Homes	4.8
2b		5.8
2c		5.4
2d		7.1
3a	Two to Three Story Attached and Detached Homes	3.5
3b		6.0
3c		2.9
3d		5.0
3e		4.4
1g	Rec. Area	1.4
1f	Linear Park	0.4
4a	Jeffrey Open Space Trail (by Others)	4.4
4b	Jeffrey Open Space Trail (by Others)	2.6
4c	Jeffrey Open Space Trail (by Others)	1.3
4d	Jeffrey Open Space Trail (by Others)	1.2
5	South Park (by Others)	4.8
A STREET		1.1
B STREET		0.6
C STREET		1.4
D STREET		4.8
E STREET		0.9
ACCESS ROAD		0.0
LSP1	Landscape	0.6
LSP2	Landscape	0.6
OC 1	ORANGE COUNTY	7.0
OC 2	ORANGE COUNTY	6.5
		105.4

NOTE: Details of the site plan access to public facilities are subject to review and approval by the City Engineer.

LSA

FIGURE 2

N

0 100 200

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SOURCE: Fuscoe Engineering

Irvine Gateway Village

Conceptual Site Plan

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Study Area

Figure 1 illustrates the NITM study area reviewed and confirmed with City staff prior to the analysis. The NITM study is generally bounded by SR-241 to the north, SR-73 to the south, Newport Avenue (in Tustin) to the west, and Alicia Parkway (in Mission Viejo) to the east.

Intersections, arterial roadway segments, freeway/tollway ramps, and freeway/tollway mainline segments within the NITM study area have been analyzed in this study. Figure 3 illustrates the interchange locations where freeway/tollway ramps and mainlines were analyzed. Project driveways are evaluated as part of the Access Analysis section provided later in this report.

Existing, General Plan, and Proposed Site Uses

The 2045 *Irvine General Plan* (*General Plan*) designation for the site is Recreation, and the current zoning is 1.5 Recreation. The proposed project is a residential use and therefore requires a zone change. A General Plan Amendment is concurrently proposed to support this residential development and ensure consistency with the *General Plan*.

PERFORMANCE CRITERIA

The study area analyzed in this report is under jurisdiction of the City of Aliso Viejo, City of Irvine, City of Laguna Beach, City of Laguna Hills, City of Laguna Woods, City of Lake Forest, City of Mission Viejo, City of Orange, County of Orange, and City of Tustin.

The performance criteria of each jurisdiction in which a given facility, including intersections, arterial roadways, freeway/tollway ramps and mainline segments, is located has been applied in this study. As required in the City's NITM Ordinance, the performance standards applied in this study are consistent with those approved in the 2003 *NITM Program Nexus Study*.

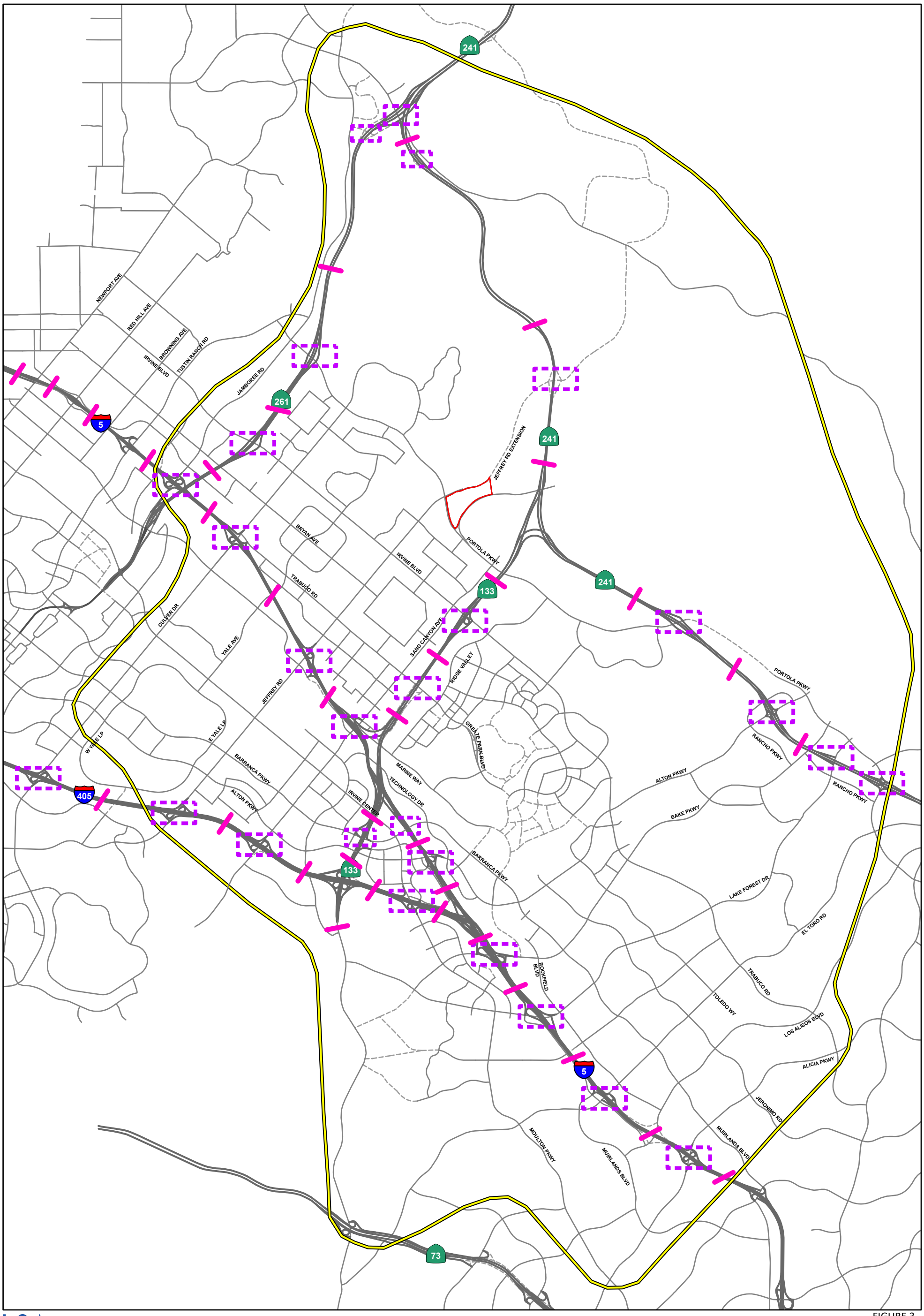
Intersections

Intersection Capacity Utilization (ICU)

To determine the peak-hour operations at signalized intersections within the study area, the intersection capacity utilization (ICU) methodology was used. The ICU methodology compares the volume-to-capacity (v/c) ratios of conflicting turn movements at an intersection, sums these critical conflicting v/c ratios for each intersection approach, and determines the overall ICU. The resulting ICU is expressed in terms of LOS, where LOS A represents free-flow activity and LOS F represents overcapacity operation. The relationship of ICU to LOS is demonstrated in the following table:

Level of Service	ICU
A	0.00–0.60
B	0.61–0.70
C	0.71–0.80
D	0.81–0.90
E	0.91–1.00
F	>1.00

Source: *Traffic Study Guidelines* (City of Irvine 2023).
ICU = intersection capacity utilization



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- Future Roadways
- Freeway Ramps
- Freeway Mainline Segments

0 2500 5000
FEET

FIGURE 3

Irvine Gateway Village

Freeway/Tollway Interchange Analysis Location

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Parameters set for each city for ICU calculations, including lane capacity, right-turn treatments, and clearance intervals, are included as follows:

- **Saturation Flow Rate**: 1,700 vehicles/hour/lane
- **Clearance Interval:** 0.05
- **Right-Turn-On-Red Utilization Factor:** 0.00 for County of Orange intersections, 0.75 for intersections in all other jurisdictions. It should be noted that "de-facto" right-turn lane is assumed in the ICU calculation if 19 feet from edge to outside of through-lane exists and parking is prohibited during peak periods.

Highway Capacity Manual (HCM)

In addition to the ICU methodology of calculating intersection LOS, an operational analysis was also prepared based on the *Highway Capacity Manual* (HCM), 7th Edition (TRB 2022) to determine the LOS at unsignalized intersections and signalized California Department of Transportation (Caltrans) study area intersections where the project trip distribution is higher than 2 percent. The HCM (7th Edition) intersection methodology presents LOS in terms of total intersection delay (in seconds per vehicle) and approach delay of the major and minor streets (in seconds per vehicle). The resulting delay is expressed in terms of LOS, similar to the ICU methodology. The following table demonstrates the relationship of delay to LOS:

Level of Service	Signalized Intersection Delay (seconds per vehicle)	Unsignalized Intersection (seconds per vehicle)
A	≤10.0	≤10.0
B	>10.0 and ≤20.0	>10.0 and ≤15.0
C	>20.0 and ≤35.0	>15.0 and ≤25.0
D	>35.0 and ≤55.0	>25.0 and ≤35.0
E	>55.0 and ≤80.0	>35.0 and ≤50.0
F	>80.0	>50.0

Source: *Highway Capacity Manual* (TRB 2022).
TRB = Transportation Research Board

Performance Standard

According to the City's *Traffic Study Guidelines* and consistent with the City's *General Plan*, LOS at an intersection or roadway is considered to be unsatisfactory when the ICU (or v/c ratio) exceeds 0.90 (i.e., LOS D). The same LOS standard is applied to the study area intersections in the other adjacent jurisdictions. However, LOS E (v/c ratios less than or equal to 1.00) is considered as an acceptable LOS for the intersection locations listed below:

- The following Orange County Congestion Management Program (CMP) identified intersections are within the study area boundary:
    - 125: Jamboree Road/Irvine Boulevard
    - 133: Jamboree Road/Edinger Avenue
    - 322: Laguna Canyon Road/SR-73 Northbound (NB) Ramps
    - 323: Laguna Canyon Road/SR-73 Southbound (SB) Ramps

- 394: El Toro Road/I-5 NB Ramps
- 396: El Toro Road/Avenida Carlota
- 398: El Toro Road/Moulton Parkway
- 400: El Toro Road/SR-73 NB Ramps
- 401: El Toro Road/SR-73 SB Ramps
- 418: El Toro Road/Trabuco Road

- Irvine Spectrum Center (PA 33)
  - 329: Barranca Parkway/Irvine Center Drive
  - 330: Barranca Parkway/Pacifica
  - 333: Pacifica/Gateway Boulevard
  - 346: Alton Parkway/Enterprise Drive
  - 348: Alton Parkway/Irvine Center Drive
  - 350: Alton Parkway/Pacifica
  - 351: Spectrum Center Drive – I-5 SB Ramps/Enterprise Drive
  - 356: Pacifica/Irvine Center Drive
  - 357: Spectrum Center Drive – I-405 NB Ramps/Entertainment Way
  - 358: Irvine Center Drive/Entertainment Way
  - 359: Irvine Center Drive/I-405 SB Ramps

- Irvine Business Center (PA 36)
  - 135: Jamboree Road/Warner Avenue
  - 136: Jamboree Road/Barranca Parkway

- And the following intersections:
  - 338: Alton Parkway/Irvine Boulevard
  - 362: Bake Parkway/Irvine Boulevard
  - 367: I-5 NB Ramps/Bake Parkway
  - 368: I-5 SB Ramps/Bake Parkway
  - 383: Lake Forest Drive /Avenida Carlota – I-5 SB Ramps
  - 385: Lake Forest Drive/Irvine Center Drive
  - 569: Bake Parkway/Marine Way

Significant Impact Threshold

For an ICU greater than the acceptable LOS, operational improvements would be required to bring the intersection LOS back to acceptable LOS or back to No Project conditions if the project contribution is: (a) greater than 0.03 at CMP locations outside Irvine (the impact threshold specified in the CMP); (b) 0.02 or greater at locations in Aliso Viejo, Irvine, Laguna Hills, Laguna Woods, Lake Forest, Mission Viejo, Orange, and Tustin; and (c) 0.01 or greater at County of Orange locations (the impact threshold specified in the County of Orange Growth Management Plan [GMP]).

Arterial Roadways

Average daily traffic (ADT) v/c ratios were calculated to evaluate the performance for the arterial roadways within the study area. The resulting v/c ratio is expressed in terms of LOS, where LOS A represents free-flow activity and LOS F represents overcapacity operation. The following table summarizes the v/c ranges for LOS A through LOS F for arterial roadways. The v/c ranges listed for arterial roads are designated in the CMP as well as the *General Plan* and for the other jurisdictions within the study area.

Level of Service	ICU
A	0.00–0.60
B	0.61–0.70
C	0.71–0.80
D	0.81–0.90
E	0.91–1.00
F	>1.00

Source: *Traffic Study Guidelines* (City of Irvine 2023).
ICU = intersection capacity utilization

Arterial roadway ADT v/c ratios were calculated using the following capacities.

City of Irvine. Roadway link v/c ratios were determined using the City's theoretical daily capacities. Facility types were taken from the City's *General Plan*. The following table illustrates theoretical daily capacities (as contained in the City's *Traffic Study Guidelines*) for roadways within the study area:

Facility Type	Number of Lanes	Theoretical Capacity (vehicles per day)
Major Highway	8	72,000
	7	63,000
	6	54,000
Primary Highway	4	32,000
Secondary Highway	4	28,000
Commuter	2	13,000

Sources: *2045 Irvine General Plan Circulation Element* (City of Irvine 2024) and *Traffic Study Guidelines* (City of Irvine 2023).
Note: The theoretical capacity of a seven-lane Major Highway is interpolated from the theoretical capacities of a six-lane and an eight-lane Major Highway.

City of Orange. The following table illustrates theoretical daily capacities for roadways within the study area:

Facility Type	Number of Lanes	Theoretical Capacity (vehicles per day)
Major Arterial	8	75,000
	6	56,300
Primary Arterial	4	37,500
Secondary Arterial	4	24,000
Commuter	2	12,000

Sources: *Traffic Study Guidelines* (City of Irvine 2023).

City of Orange and Cities of Aliso Viejo, Laguna Hills, Laguna Woods, Lake Forest, Mission Viejo, and Tustin. The following table illustrates theoretical daily capacities for roadways within the study area:

Facility Type	Number of Lanes	Theoretical Capacity (vehicles per day)
Major Arterial	8	75,000
	6	56,300
Primary Arterial	4	37,500
Secondary Arterial	4	25,000
Commuter	2	12,500

Sources: *Traffic Study Guidelines* (City of Irvine 2023).

Performance Standard

Similar to criteria utilized for study-area intersections, LOS at a CMP, Irvine Business Complex (PA 36), or Irvine Spectrum Center (PA 33) roadway segment is considered to be deficient when the v/c ratio exceeds 1.00 (i.e., LOS E). All other roadway segments will be considered deficient when the v/c ratio exceeds 0.90 (i.e., LOS D).

Consistent with the City's *Traffic Study Guidelines*, a peak-hour roadway segment analysis will be conducted for all roadway segments that exceed the acceptable LOS standards described previously. The peak-hour capacity will be determined by multiplying the midblock number of lanes for each direction by a lane capacity of 1,600 vehicles per hour (vph). Where the distance between controlled intersections is 1 or more miles, the midblock number of lanes shall be multiplied by a lane capacity of 2,000 vph.

Significant Impact Threshold

For v/c greater than the acceptable LOS, mitigation of the project contribution is required to bring arterial roadway LOS back to acceptable LOS or to No Project conditions if the project contribution is greater than 0.03 for CMP roadways outside Irvine (the impact threshold specified in the CMP), 0.01 or greater for locations in Orange County, and 0.02 or greater for all other arterial roadways in the study area.

Freeway/Tollway Ramps

LOS at freeway/tollway ramps were analyzed based on peak-hour v/c ratios. The resulting v/c ratio is expressed in terms of LOS, where LOS A represents free-flow activity and LOS F represents overcapacity operation. The following table summarizes the v/c ranges for LOS A through LOS F for freeway/tollway ramps.

Level of Service	ICU
A	0.00–0.60
B	0.61–0.70
C	0.71–0.80
D	0.81–0.90
E	0.91–1.00
F	>1.00

Source: *Traffic Study Guidelines* (City of Irvine 2023).
ICU = intersection capacity utilization

Peak-hour v/c ratios on freeway/tollway ramps were calculated based on the following capacities:

- **Metered On-Ramps**
  - 900 vph for a one-lane metered on-ramp with only one mixed-flow lane at the meter
  - 1,080 vph for a one-lane metered on-ramp with one mixed-flow lane at the meter plus one high-occupancy vehicle (HOV) preferential lane at the meter
  - 1,500 vph for a one-lane metered on-ramp with two mixed-flow lanes at the meter
  - 1,800 vph for a two-lane metered on-ramp with two mixed-flow lanes at the meter
- **Toll Ramps (On-Ramps and Off-Ramps)**
  - 1,500 vph for a one-lane ramp with one cash (stopped) lane and one FasTrak (unstopped) lane
- **Non-Metered On-Ramps and Off-Ramps**
  - 1,500 vph for a one-lane ramp
  - 2,250 vph for a two-lane on-ramp that tapers into one merge lane at or beyond the freeway mainline gore point and for a two-lane off-ramp with only one auxiliary lane
  - 3,000 vph for a two-lane on-ramp that does not taper to one merge lane and for a two-lane off-ramp with two auxiliary lanes
- **Freeway to Freeway and Freeway to Tollway Interchanges**
  - 2,000 vph for a one-lane ramp
  - 4,000 vph for a two-lane ramp

Performance Standard

Freeway/tollway ramps will be considered to be deficient when the v/c ratio exceeds 1.00 (i.e., LOS E).

Significant Impact Threshold

For freeway/tollway ramps with the v/c ratio greater than the acceptable LOS, mitigation of the project contribution is required to bring ramp LOS back to acceptable LOS or no-project conditions if the project contribution is greater than 0.03 for ramps at CMP intersections outside Irvine (the impact threshold specified in the CMP), 0.01 or greater for ramps at Orange County intersections (the impact threshold specified in the GMP), and 0.02 or greater for ramps at intersections in all other jurisdictions in the study area.

Freeway/Tollway Mainline Segments

LOS at freeway/tollway mainline segments were analyzed based on peak-hour v/c ratios. The resulting v/c ratio is expressed in terms of LOS, where LOS A represents free-flow activity and LOS F represents overcapacity operation. The following table summarizes the v/c ranges for LOS A through LOS F for freeway/tollway mainline segments. The v/c ranges listed for freeway/tollway segments are based on the v/c and LOS relationships specified in the HCM (6th Edition) for basic freeway sections.

Level of Service	ICU
A	0.00–0.30
B	0.31–0.50
C	0.51–0.71
D	0.72–0.89
E	0.90–1.00
F	>1.00

Source: *Highway Capacity Manual*, 6th Edition (TRB 2016).
ICU = intersection capacity utilization
TRB = Transportation Research Board

Peak-hour v/c ratios on freeway/tollway mainline segments were calculated based on the following capacities:

- 2,000 vehicles per hour per lane (vphpl) for mixed-flow (general-purpose) lanes
- 1,600 vphpl for a one-lane, buffer-separated HOV facility
- 1,750 vphpl for a two-lane, buffer-separated HOV facility

Performance Standard

Freeway/tollway mainline segments will be considered to be deficient when the v/c ratio exceeds 1.00 (i.e., LOS E).

Significant Impact Threshold

For freeway/tollway mainline segments with the v/c ratio greater than the acceptable LOS, mitigation of the project contribution is required to bring freeway/tollway mainline segment LOS back to acceptable LOS or to baseline conditions if the project contribution is greater than 0.03 (i.e., the impact threshold specified in the CMP).

ANALYSIS METHODOLOGY AND APPROACH

The TransCAD version of the Irvine Transportation Analysis Model (ITAM TC Version 1.8 [V1.8]) was used to forecast Short-Term, Long-Range, and Buildout Approved and Buildout Pending conditions with and without the proposed project. The Approved condition represents each application for development currently approved by the City. The Pending condition represents the planned growth for Irvine per the *General Plan,* as well as for all projects in Irvine that are approved (but not yet built) and currently under review.

The future conditions are based on the funded roadway network and land use assumptions envisioned to be in place by the respective horizon year. This future traffic analysis requires eight ITAM TC runs. These ITAM TC runs are examined with and without the proposed project in both the Approved and Pending development scenario. In addition, as requested by City staff, a 100-acre public park/open space use, inclusive of the 4.8-acre South Park, is also assumed in the Approved and Pending with project scenarios to represent a conservative LOS analysis.

LSA prepared the forecast data for this proposed project based on the ITAM TC V1.8. The scenarios examined for each future condition are as follows:

1. **Short-Term Interim-Year Approved Baseline:** The ITAM TC V1.8 run includes each application for development approved by the City. Any additional development beyond the existing uses for the proposed project that might be assumed in the ITAM TC V1.8 was deleted for the analysis of this scenario.

2. **Short-Term Interim-Year Approved Baseline Plus Project:** The ITAM TC V1.8 run includes each application for development approved by the City. The proposed 1,360 residential units (408 single-family detached units and 952 multi-family units) and the 100-acre public park/open space, inclusive of the 4.8-acre South Park, are conservatively assumed to be built in this scenario.

3. **Long-Range Approved Baseline:** The ITAM TC V1.8 run includes each application for development approved by the City. Any additional development beyond the existing uses for the proposed project that might be assumed in the ITAM TC V1.8 was deleted for the analysis of this scenario.

4. **Long-Range Approved Baseline Plus Project:** The ITAM TC run V1.8 includes each application for development approved by the City. The proposed 1,360 residential units (408 single-family detached units and 952 multi-family units) and the 100-acre public park/open space, inclusive of the 4.8-acre South Park, are conservatively assumed to be built in this scenario.

5. **Buildout Approved Baseline:** The ITAM TC V1.8 run includes each application for development approved by the City. Any additional development beyond the existing uses for the proposed project that might be assumed in the ITAM TC V1.8 was deleted for the analysis of this scenario.

6. **Buildout Approved Baseline Plus Project:** The ITAM TC V1.8 run includes each application for development approved by the City. The proposed 1,360 residential units (408 single-family detached units and 952 multi-family units) and the 100-acre public park/open space, inclusive of the 4.8-acre South Park, are conservatively assumed to be built in this scenario.

7. **Buildout Pending Baseline:** The ITAM TC V1.8 run includes the cumulative effects of each application for development currently approved and under review by the City. Any additional development beyond the existing uses for the proposed project that might be assumed in the ITAM TC V1.8 was deleted for the analysis of this scenario.

8. **Buildout Pending Baseline Plus Project:** The ITAM TC V1.8 run includes the cumulative effects of each application for development currently approved and under review by the City. The proposed 1,360 residential units (408 single-family detached units and 952 multi-family units) and the 100-acre public park/open space, inclusive of the 4.8-acre South Park, are conservatively assumed to be built in this scenario.

Project LOS impacts are identified at study area intersections for the Short-Term, Long-Range, and Buildout Approved and Buildout Pending conditions, assuming improvements to the circulation system identified by the City. Daily traffic volumes and v/c ratios for study area roadway segments, a.m. and p.m. peak-hour traffic volumes, v/c ratios for study-area freeway/tollway ramps, and mainline segments are also presented in the analysis for each scenario. Traffic volumes and calculations for the Short-Term, Long-Range, and Buildout Approved and Buildout Pending scenarios are referenced throughout this Traffic Study and are provided in Appendix B.

PROPOSED PROJECT TRAFFIC

Trip Generation

The project trip generation assigned to the intersections, roadway segments, and freeway/tollway ramps and mainline segments in the study area for the Short-Term, Long-Range, and Buildout Approved and Buildout Pending conditions are based on the ITAM TC, which is the Orange County Transportation Authority (OCTA) sanctioned subarea model for Irvine. All modeling steps (including trip generation, distribution, and assignment) are consistent with the Orange County Traffic Analysis Model (OCTAM). Project traffic, as well as cumulative traffic and growth within Irvine and adjacent cities, is included in the model runs. ITAM TC is the City's approved traffic forecasting tool to use for evaluation of project-related circulation effects within Irvine.

The ITAM trip rates from the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition (2017), are used for LOS analysis purposes under each forecast condition.

Trip rates contained in the ITE *Trip Generation Manual*, 10th Edition (2017) for Land Use 210 (Single-Family Detached), Land Use 220 (Multifamily Housing [Low Rise]), and Land Use Code 411 (Public Park) are used for access analysis purposes. The land use-based ITE trip rates are only used for evaluation of the City's TDPs, which are provided later in this Traffic Study.

Table A presents the trip generation for the proposed project. As Table A indicates, the proposed project, including 1,360 residential units (408 single-family detached units and 952 multi-family units) and 4.8-acre South Park, would generate 10,825 daily trips in total, including 739 a.m. peak-hour trips (178 inbound and 561 outbound) and 937 p.m. peak-hour trips (586 inbound and 351 outbound).

LSA

Table A: Project Trip Generation Summary

Land Use	Size	Unit	ADT	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Trip Rates[1]									
Single-Family Detached		du	9.44	0.18	0.56	0.74	0.62	0.37	0.99
Multi-Family Low-Rise		du	7.32	0.11	0.35	0.46	0.35	0.21	0.56
Public Park		ac	0.78	0.01	0.01	0.02	0.06	0.05	0.11
Project Trip Generation									
Single-Family Detached	408	du	3,852	73	228	301	253	151	404
Multi-Family Low-Rise	952	du	6,969	105	333	438	333	200	533
Public Park	4.9	ac	4	0	0	0	0	0	0
Total:			**10,825**	**178**	**561**	**739**	**586**	**351**	**937**

[1] Trip rates from the Institute of Transportation Engineers (ITE) *Trip Generation* Manual, 10th Edition (2017).

Land Use Code 210 - Single-Family Detached

Land Use Code 220 - Multi-Family Housing (Low Rise) - 2 or 3 Levels

Land Use Code 411 - Public Park

du = dwelling unit

ac = acre

Trip Distribution and Assignment

Directions of approach to and departure from the site are based on the ITAM TC select zone assignments for a.m. peak-hour, p.m. peak-hour, and daily conditions under each horizon year. The model data represent the Baseline traffic volumes plus the trips generated by the proposed project under each project scenario. The ITAM TC Buildout Approved Baseline Plus Project select zone assignments are provided in Appendix C.

The a.m. and p.m. peak-hour Buildout Approved Baseline Plus Project select zone assignments were used to identify the regional trip distribution for the project and assign project trips into and out of the site. The detailed project trip distribution in and out of each project driveway is provided later in the access analysis sections of this Traffic Study. It should be noted that no trip distribution adjustments were made for LOS analysis purposes.

EXISTING CONDITIONS

Existing Site Uses

The project site is located north of Portola Parkway, east of Jeffrey Road, south of SR-241, and west of Bee Canyon Access Road. The project site is currently undeveloped. The project site is designated as Recreation in the City's *General Plan* and zoned as 1.5 Recreation.

Existing Roadways and Intersections

Key roadways in the vicinity of the proposed project are:

- **Jeffrey Road:** Jeffrey Road is a north-south roadway west of the project site. Direct project access via three full-access driveways (A, B, and C Streets) is provided on Jeffrey Road. Jeffrey Road south of Portola Parkway is a six-lane Major Highway with a posted speed limit of 55 miles per hour (mph) between Encore and Portola Parkway. Jeffrey Road north of Portola Parkway, as recently constructed, is a four-lane Primary roadway that terminates near C Street (approximately 3,100 feet north of Portola Parkway). The current road provides access to existing uses, including electrical substations on the west side of Jeffrey Road and the Irvine Ranch Conservancy Native Seed Farm and other small businesses on the east side of Jeffrey Road. The extension of Jeffrey Road from C Street to SR-241 and further north to Santiago Canyon Road is classified as a Primary Highway in the Circulation Element of the City's *General Plan*. On-street parking is prohibited on both sides of this roadway. A sidewalk and Class II bicycle lane are provided on the west side of Jeffrey Road, and a Class II bicycle lane and the JOST are located on the east side of Jeffrey Road. A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the northernmost end of the JOST, which runs through Irvine.

- **Portola Parkway:** Portola Parkway is an east-west roadway south of the project site. Direct project access via an RIRO driveway (E Street) is provided on Portola Parkway. It is a six-lane Major Highway west of Jeffrey Road and a four-lane Primary Highway east of Jeffrey Road. The posted speed limit is 55 mph. On-street parking is prohibited on both sides of this roadway. A

sidewalk is provided on the south side of Portola Parkway, and Class II bicycle lanes are provided on both sides of Portola Parkway. A sidewalk on the north side of Portola Parkway along the project property frontage is proposed as a project design feature.

Existing Traffic Volumes and LOS

The existing peak-hour traffic counts (collected in January and February 2024) for the study area intersections and the daily counts for the study area arterial roadway segments were obtained from the City. For the intersections and roadway segments with 2-day counts, the average of the 2-day counts was used.

Existing peak-hour traffic data for freeway/tollway ramps within the NITM study area were referenced from intersection counts at each location where freeway/tollway ramps intersect with the arterial roadways. For a few ramp locations where intersection counts were not available, the data was obtained from the Caltrans Performance Management System (PeMS), and the highest value of the peak-hour data was used. Those ramp locations are listed below.

- I-5 SB direct on-ramp at Lake Forest Drive
- I-5 NB direct on-ramp at El Toro Road
- I-405 NB direct on-ramp at Irvine Center Drive
- SR-133 NB direct on-ramp at Barranca Parkway

Existing peak-hour traffic data for freeway/tollway mainline segments within the NITM study area were also referenced from PeMS. Data were extracted for typical workdays (Wednesdays through Thursdays, excluding holidays) from February 1, 2024, to April 30, 2024, and the highest value of the peak-hour data was used. The peak-hour traffic counts for the mainline segments on SR-133, south of I-405, were not available on PeMS. Therefore, the existing peak-hour traffic counts at the intersection of Laguna Canyon Road/Old Laguna Canyon Road were used to develop the mainline volumes on SR-133 south of I-405.

Appendix D provides the Existing traffic count data.

Peak-Hour Intersection LOS

As previously discussed, the ICU methodology was used to determine the LOS at study area intersections, and the HCM methodology was used to determine the LOS at unsignalized intersections. In addition, HCM LOS analysis was also conducted for signalized Caltrans intersections where the project trip distribution is higher than 2 percent. The ICU and HCM worksheets are provided in Appendices B and E, respectively.

A summary of Existing intersection LOS is presented in Table B. As Table B indicates, all study area intersections currently operate at satisfactory LOS.

LSA

Table B: Existing Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline			
				AM Peak Hour		PM Peak Hour	
				ICU / Delay	LOS	ICU / Delay	LOS
16	Newport Avenue/Irvine Boulevard	Tustin		0.53	A	0.59	A
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.63	B	0.67	B
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.64	B	0.73	C
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.64	B	0.64	B
123	Jamboree Road/Tustin Ranch Road	Tustin		0.54	A	0.57	A
124	Jamboree Road/Portola Parkway	Tustin		0.52	A	0.78	C
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.59	A	0.64	B
126	Jamboree Road/Bryan Avenue	Tustin		0.47	A	0.58	A
127	Jamboree Road/El Camino Real	Tustin		0.60	A	0.72	C
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.63	B	0.68	B
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.64	B	0.54	A
131	Jamboree Road SB/Walnut Avenue	Irvine		0.41	A	0.44	A
132	Jamboree Road NB/Walnut Avenue	Irvine		0.32	A	0.44	A
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.30	A	0.47	A
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.30	A	0.56	A
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.58	A	0.68	B
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.34	A	0.34	A
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.28	A	0.35	A
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.37	A	0.42	A
	HCM			*9.8*	*A*	*6.0*	*A*
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.35	A	0.52	A
	HCM			*5.4*	*A*	*10.5*	*B*
218	Culver Drive/Portola Parkway	Irvine		0.58	A	0.45	A
220	Culver Drive/Irvine Boulevard	Irvine		0.66	B	0.59	A
221	Culver Drive/Bryan Avenue	Irvine		0.74	C	0.56	A
222	Culver Drive/Trabuco Road	Irvine		0.66	B	0.67	B
223	Culver Drive/I-5 SB Ramps	Irvine		0.65	B	0.53	A
224	Culver Drive/Walnut Avenue	Irvine		0.67	B	0.67	B
226	Culver Drive/Irvine Center Drive	Irvine		0.65	B	0.66	B
227	Culver Drive/Warner Avenue	Irvine		0.76	C	0.65	B
228	Culver Drive/Barranca Parkway	Irvine		0.67	B	0.74	C
229	Culver Drive/Alton Parkway	Irvine		0.63	B	0.74	C
232	Culver Drive/I-405 NB Ramps	Irvine		0.53	A	0.68	B
233	Culver Drive/I-405 SB Ramps	Irvine		0.65	B	0.72	C
235	Culver Drive/University Drive	Irvine		0.63	B	0.65	B
243	Yale Avenue/Portola Parkway	Irvine		0.54	A	0.35	A
249	Yale Avenue/Irvine Boulevard	Irvine		0.60	A	0.62	B
252	Yale Avenue/Bryan Avenue	Irvine		0.31	A	0.34	A
255	Yale Avenue/Trabuco Road	Irvine		0.43	A	*0.39*	A
259	Yale Avenue/Walnut Avenue	Irvine		0.44	A	*0.64*	B
261	Yale Avenue/Irvine Center Drive	Irvine		0.53	A	0.50	A
264	W. Yale Loop/Barranca Parkway	Irvine		0.45	A	0.46	A
267	E. Yale Loop/Barranca Parkway	Irvine		0.55	A	*0.48*	A
268	W. Yale Loop/Alton Parkway	Irvine		0.41	A	*0.45*	A
271	E. Yale Loop/Alton Parkway	Irvine		0.56	A	0.49	A
282	Jeffrey Road/Portola Parkway	Irvine		0.42	A	0.35	A
283	Jeffrey Road/Irvine Boulevard	Irvine		0.52	A	0.50	A
284	Jeffrey Road/Bryan Avenue	Irvine		0.55	A	0.48	A
285	Jeffrey Road/Trabuco Road	Irvine		0.52	A	0.59	A
286	Jeffrey Road/Roosevelt	Irvine		0.75	C	0.60	A
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.69	B	0.73	C
	HCM			*16.4*	*B*	*19.1*	*B*
288	Jeffrey Road/Walnut Avenue	Irvine		0.78	C	0.73	C
289	Jeffrey Road/Irvine Center Drive	Irvine		0.56	A	0.73	C

LSA

Table B: Existing Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline			
				AM Peak Hour		PM Peak Hour	
				ICU / Delay	LOS	ICU / Delay	LOS
290	Jeffrey Road/Barranca Parkway	Irvine		0.74	C	0.64	B
291	Jeffrey Road/Alton Parkway	Irvine		0.82	D	0.67	B
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.67	B	0.62	B
	HCM			*13.9*	*B*	*10.6*	*B*
294	University Drive/I-405 SB Ramps	Irvine		0.65	B	0.56	A
	HCM			*9.0*	*A*	*8.1*	*A*
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.33	A	0.37	A
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.56	A	0.52	A
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.51	A	0.48	A
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.59	A	0.64	B
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.61	B	0.63	B
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.55	A	0.60	A
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.47	A	0.40	A
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.44	A	0.49	A
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.43	A	0.44	A
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.48	A	0.56	A
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.56	A	0.38	A
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.73	C	0.50	A
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.21	A	0.29	A
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.24	A	0.27	A
315	Laguna Canyon Road/Alton Parkway	Irvine		0.38	A	0.35	A
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.41	A	0.46	A
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.56	A
318	Banting/Barranca Parkway	Irvine		0.48	A	0.33	A
319	Banting/Alton Parkway	Irvine		0.42	A	0.32	A
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.62	B	0.65	B
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.75	C	0.67	B
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.33	A	0.28	A
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.16	A	0.14	A
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.21	A	0.19	A
326	Ada/Barranca Parkway	Irvine		0.36	A	0.36	A
327	Barranca Parkway/Technology	Irvine		0.38	A	0.46	A
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.35	A	0.08	A
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.41	A	0.44	A
330	Barranca Parkway/Pacifica	Irvine	Yes	0.48	A	0.90	D
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.41	A	0.44	A
335	Alton Parkway/Portola Parkway	Lake Forest		0.48	A	0.36	A
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.34	A	0.38	A
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.47	A	0.73	C
339	Alton Parkway/Toledo Way	Irvine		0.49	A	0.44	A
340	Alton Parkway/Jeronimo Road	Irvine		0.49	A	0.40	A
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.43	A	0.55	A
342	Technology Drive E./Alton Parkway	Irvine		0.34	A	0.33	A
343	Alton Parkway/Ada	Irvine		0.39	A	0.40	A
344	Alton Parkway/Technology Drive W.	Irvine		0.48	A	0.85	D
345	Alton Parkway/I-5 NB Ramps	Irvine		0.34	A	0.47	A
	HCM			*1.8*	*A*	*1.4*	*A*
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.74	C	0.49	A
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.42	A	0.36	A
350	Alton Parkway/Pacifica	Irvine	Yes	0.35	A	0.32	A
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.84	D	0.48	A
	HCM			*150+*	*F*	*49.9*	*D*

LSA

Table B: Existing Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline			
				AM Peak Hour		PM Peak Hour	
				ICU / Delay	LOS	ICU / Delay	LOS
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.45	A	0.61	B
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.24	A	0.45	A
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.50	A	0.58	A
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.50	A	0.48	A
361	Bake Parkway/Portola Parkway	Lake Forest		0.44	A	0.46	A
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.59	A	0.64	B
363	Bake Parkway/Toledo Way	Irvine		0.70	B	0.53	A
364	Bake Parkway/Jeronimo Road	Irvine		0.85	D	0.72	C
365	Bake Parkway/Muirlands Boulevard	Irvine		0.52	A	0.60	A
366	Bake Parkway/Rockfield Boulevard	Irvine		0.46	A	0.59	A
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.56	A	0.69	B
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.48	A	0.50	A
371	Bake Parkway/Research Drive	Irvine		0.36	A	0.59	A
372	Bake Parkway/Irvine Center Drive	Irvine		0.22	A	0.25	A
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.22	A	0.24	A
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.40	A	0.44	A
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.27	A	0.30	A
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.53	A	0.57	A
377	Lake Forest Drive/Toledo Way	Lake Forest		0.53	A	0.47	A
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.59	A	0.64	B
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.47	A	0.67	B
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.55	A	0.61	B
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.45	A	0.64	B
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.58	A	0.92	E
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.41	A	0.52	A
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.41	A	0.50	A
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.37	A	0.39	A
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.25	A	0.47	A
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.38	A	0.59	A
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.40	A	0.41	A
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.33	A	0.28	A
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.60	A	0.69	B
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.49	A	0.55	A
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.47	A	0.60	A
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.44	A	0.55	A
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.46	A	0.50	A
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.63	B	0.69	B
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.54	A	0.71	C
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.60	A	0.57	A
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.41	A	0.56	A
402	I-5 NB Ramps/Trabuco Road	Irvine		0.57	A	0.56	A
403	SR-241 NB Ramps/Jeffrey Road	Orange County		--	--	--	--
404	SR-241 SB Ramps/Jeffrey Road	Orange County		--	--	--	--
	HCM			--	--	--	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.36	A	0.45	A
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.57	A	0.54	A
409	Bake Parkway/Commercentre Drive	Lake Forest		0.44	A	0.56	A
410	Bake Parkway/Lake Forest Drive	Irvine		0.30	A	0.38	A
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.40	A	0.49	A
413	Ridge Route Drive/Toledo Way	Lake Forest		0.38	A	0.23	A
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.46	A	0.41	A
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.39	A	0.47	A

LSA

Table B: Existing Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline			
				AM Peak Hour		PM Peak Hour	
				ICU / Delay	LOS	ICU / Delay	LOS
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.33	A	0.34	A
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.60	A	0.62	B
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.66	B	0.59	A
419	El Toro Road/Toledo Way	Lake Forest		0.59	A	0.44	A
420	El Toro Road/Jeronimo Road	Lake Forest		0.69	B	0.75	C
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.60	A	0.58	A
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.58	A	0.58	A
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.73	C	0.70	B
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.68	B	0.59	A
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.41	A	0.46	A
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.40	A	0.43	A
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.43	A	0.52	A
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.53	A	0.57	A
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.51	A	0.59	A
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.74	C	0.76	C
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.90	D	0.68	B
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.79	C	0.71	C
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.58	A	0.60	A
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.53	A	0.54	A
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.56	A	0.54	A
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.60	A	0.64	B
437	Scientific Way/Irvine Center Drive	Irvine		0.27	A	0.31	A
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.20	A	0.21	A
443	I-5 SB Ramps/Walnut Avenue/ Burt Road [1]	Irvine		N/A	N/A	N/A	N/A
	HCM			*N/A*	*N/A*	*N/A*	*N/A*
444	Sand Canyon Avenue/Burt Road	Irvine		0.57	A	0.51	A
452	Jamboree Road/Santiago Canyon Road	Orange		0.50	A	0.61	B
459	Jeffrey Road/Santiago Canyon Road	Orange County		--	--	--	--
463	Jamboree Road/Chapman Avenue	Orange		0.44	A	0.85	D
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.31	A	0.59	A
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.24	A	0.52	A
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.25	A	0.49	A
468	Jamboree Road/Canyon View Avenue	Orange		0.50	A	0.50	A
469	Jamboree Road/Handy Creek Road	Orange		--	--	--	--
470	SR-261 SB Ramps/Handy Creek Road	Orange		--	--	--	--
471	SR-261 NB Ramps/Handy Creek Road	Orange		--	--	--	--
477	El Camino Real N./Bryan Avenue	Irvine		0.32	A	0.35	A
481	Laguna Canyon Road/Technology Drive	Irvine		0.31	A	0.52	A
482	Visions/Trabuco Road	Irvine		0.35	A	0.29	A
484	Sand Canyon Avenue/Roosevelt	Irvine		0.42	A	0.37	A
485	Sand Canyon Avenue/Nightmist	Irvine		0.55	A	0.37	A
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		--	--	--	--
	HCM			--	--	--	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		--	--	--	--
	HCM			--	--	--	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.38	A	0.42	A
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.36	A	0.50	A
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.51	A	0.72	C
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.44	A	0.47	A
518	Alton Parkway/Commercentre	Lake Forest		0.52	A	0.52	A
520	Keystone/Trabuco Road	Irvine		0.44	A	0.36	A

LSA

Table B: Existing Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline			
				AM Peak Hour		PM Peak Hour	
				ICU / Delay	LOS	ICU / Delay	LOS
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.46	A	0.43	A
556	Ridge Valley/Portola Parkway	Irvine		0.36	A	0.29	A
558	Ridge Valley/Irvine Boulevard	Irvine		0.50	A	0.50	A
559	Ridge Valley/Great Park Boulevard	Irvine		0.29	A	0.31	A
560	Ridge Valley/Marine Way	Irvine		0.34	A	0.26	A
561	Bosque/Irvine Boulevard	Irvine		0.41	A	0.37	A
562	Skyhawk/Marine Way	Irvine		0.13	A	0.17	A
563	Chinon/Irvine Boulevard	Irvine		0.49	A	0.39	A
565	Treble/Marine Way	Irvine		--	--	--	--
566	Marine Way/Barranca Parkway	Irvine		0.34	A	0.35	A
567	Marine Way/Alton Parkway	Irvine		0.26	A	0.28	A
568	Ada/Marine Way	Irvine		--	--	--	--
569	Bake Parkway/Marine Way	Irvine	Yes	--	--	--	--
571	Portola Springs/Portola Parkway	Irvine		0.38	A	0.33	A
572	Modjeska/Irvine Boulevard	Irvine		0.53	A	0.60	A
575	Ridge Valley/Hornet - Decora	Irvine		0.21	A	0.25	A
576	Ridge Valley/Phantom - Carlow	Irvine		0.22	A	0.30	A
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.48	A	0.47	A
579	Merit/Irvine Boulevard	Irvine		0.46	A	0.38	A
581	Lynx/Irvine Boulevard	Irvine		0.42	A	0.40	A
584	Orchard Hills Drive/Portola Parkway	Irvine		0.47	A	0.38	A
585	Shady Canyon Drive/Quail Hill Parkway [2]	Irvine		N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.42	A	0.35	A
595	Skyhawk/Great Park Blvd [2]	Irvine		N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.23	A	0.32	A
640	Thomas/Muirlands Boulevard	Irvine		0.24	A	0.30	A
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A
	HCM			*10.0*	*A*	*14.5*	*B*
655	Ridge Valley/Corsair	Irvine		0.24	A	0.27	A

Δ = change

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

"--" = Not existing in the Existing condition.

[1] It is a two-legged freeflow unsignalized intersection.

[2] It is a roundabout.

Roadway Segment Volumes and LOS

Daily traffic volumes and v/c ratios were evaluated to identify the LOS on the arterial roadway segments within the study area.

Existing ADT volumes and v/c ratios are presented on Figures 4 and 5, respectively. Based on the ADT v/c performance criteria discussed before, all arterial roadway segments in the study area currently operate at satisfactory LOS, except for the following 11 roadway segments:

- Culver Drive between Alton Parkway and I-405 NB Ramps
- Culver Drive between I-405 SB Ramps and University Drive
- Sand Canyon Avenue between Alton Parkway and I-405 NB Ramps
- Bake Parkway between Commercentre Drive and Irvine Boulevard
- Bake Parkway between Jeronimo Road and Muirlands Boulevard
- Bake Parkway between Rockfield Boulevard and I-5 NB Ramps
- Lake Forest Drive between Rancho Parkway and Trabuco Road
- Lake Forest Drive between Rockfield Boulevard and I-5 NB Ramps
- Alicia Parkway between Jeronimo Road and Muirlands Boulevard
- Alicia Parkway between Muirlands Boulevard and I-5 NB Ramps
- Irvine Boulevard between Browning Avenue and Tustin Ranch Road

Peak-Hour Freeway/Tollway Ramp LOS

Peak-hour traffic volumes and v/c ratios were evaluated to identity the LOS at the freeway/tollway ramp locations in the study area. The peak-hour freeway/tollway ramp analysis presented here differs from the previous peak-hour intersection analysis that included ramp intersections with arterial streets. The ramp analysis involves the peak-hour v/c of the ramp itself whereas the intersection analysis involves the ICU value of the ramp intersection with the arterial street.

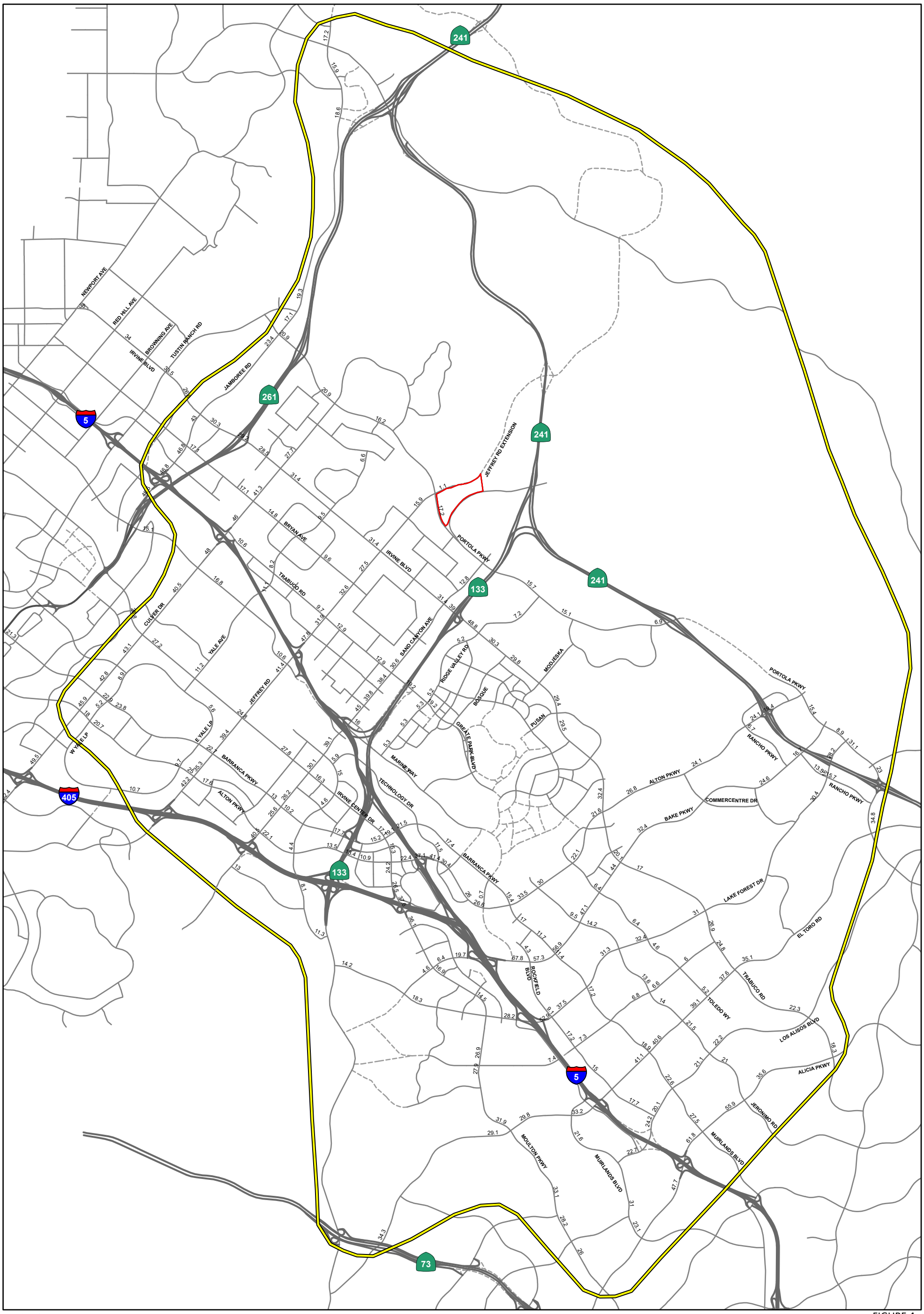
A summary of Existing freeway/tollway ramp LOS is presented in Table C. As Table C indicates, all freeway/tollway ramp locations in the study area currently operate at satisfactory LOS, except for the I-5 NB direct on-ramp at Alicia Parkway.

Peak-Hour Freeway/Tollway Mainline LOS

Peak-hour traffic volumes and v/c ratios were evaluated to identity the LOS at the freeway/tollway mainline segments by direction in the study area.

A summary of Existing freeway/tollway mainline LOS is presented in Table D. As Table D indicates, all freeway/tollway mainline locations in the study area currently operate at satisfactory LOS, except for the following freeway/tollway mainline segments:

- NB and SB mainline on I-5 north of Newport Avenue
- SB mainline on I-5 north of Tustin Ranch Road
- SB mainline on I-5 north of Alicia Parkway
- SB mainline on I-405 north of Sand Canyon Avenue
- NB mainline on I-405 north of SR-133



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

FIGURE 4

Irvine Gateway Village

Existing ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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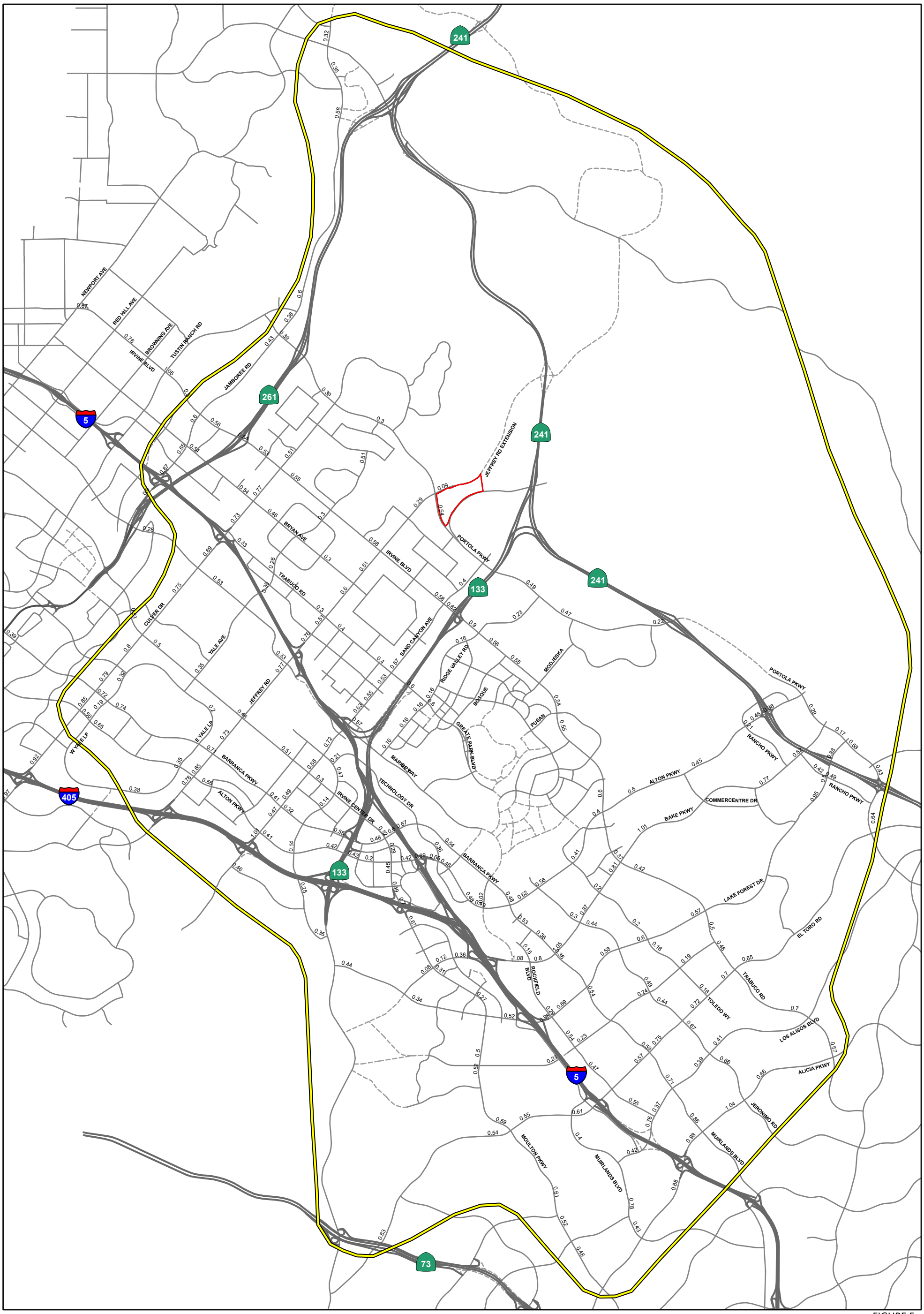

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

FIGURE 5

Irvine Gateway Village

Existing ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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LSA

Table C: Existing Freeway/Tollway Ramp LOS Summary

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline					
				AM Peak Hour			PM Peak Hour		
				Volume	V/C	LOS	Volume	V/C	LOS
I-5 at Jamboree Road	SB Direct On	1	1,500	341	0.23	A	1,152	0.77	C
	SB Loop On	1	1,080	629	0.58	A	478	0.44	A
	NB Direct On	1	1,080	774	0.72	C	359	0.33	A
	NB Loop On	1	1,080	473	0.44	A	313	0.29	A
	SB Off	2	3,000	1,293	0.43	A	1,035	0.35	A
	NB Off	1	1,500	1,272	0.85	D	1,324	0.88	D
I-5 at Culver Drive	SB Direct On	1	900	266	0.30	A	428	0.48	A
	SB Loop On	1	900	656	0.73	C	320	0.36	A
	NB Direct On	1	900	685	0.76	C	269	0.30	A
	NB Loop On	1	1,500	920	0.61	B	476	0.32	A
	SB Off	2	2,250	1,179	0.52	A	1,684	0.75	C
	NB Off	1	1,500	368	0.25	A	725	0.48	A
I-5 at Jeffrey Road	SB On	1	1,080	832	0.77	C	758	0.70	B
	NB Direct On	1	1,080	516	0.48	A	207	0.19	A
	NB Loop On	1	1,500	271	0.18	A	252	0.17	A
	SB Off	1	1,500	503	0.34	A	839	0.56	A
	NB Off	2	2,250	1,158	0.51	A	1,323	0.59	A
I-5 at Sand Canyon Avenue	SB On	1	1,500	733	0.49	A	751	0.50	A
	NB On	1	1,500	778	0.52	A	818	0.55	A
	SB Off	1	1,500	996	0.66	B	1,106	0.74	C
	NB Off	2	2,250	781	0.35	A	1,031	0.46	A
I-5 at Barranca Parkway	NB On	1	1,500	51	0.03	A	108	0.07	A
	SB Off	1	1,500	194	0.13	A	110	0.07	A
I-5 at Alton Parkway	SB On	1	1,500	92	0.06	A	445	0.30	A
	NB Direct On	2	1,800	377	0.21	A	958	0.53	A
	NB Loop On	1	1,500	151	0.10	A	623	0.42	A
	SB Off	2	2,250	1,754	0.78	C	931	0.41	A
	NB Off	2	2,250	919	0.41	A	276	0.12	A
I-5 at Bake Parkway	SB Direct On	1	1,500	33	0.02	A	75	0.05	A
	SB Loop On	1	1,080	330	0.31	A	509	0.47	A
	NB Direct On	2	3,400	1,681	0.49	A	2,123	0.62	B
	NB Loop On	1	1,500	199	0.13	A	662	0.44	A
	SB Off	3	4,500	2,642	0.59	A	2,288	0.51	A
	NB Off	2	3,000	693	0.23	A	374	0.12	A
I-5 at Lake Forest Drive	SB Direct On	1	1,500	254	0.17	A	362	0.24	A
	SB Loop On	1	1,080	378	0.35	A	389	0.36	A
	NB On	2	1,800	1,043	0.58	A	875	0.49	A
	SB Off	2	3,000	1,677	0.56	A	2,321	0.77	C
	NB Off	1	1,500	849	0.57	A	712	0.47	A
I-5 at El Toro Road	SB Direct On	1	1,080	296	0.27	A	472	0.44	A
	SB Loop On	1	1,500	513	0.34	A	511	0.34	A
	NB Direct On	1	1,500	1,112	0.74	C	728	0.49	A
	NB Loop On	1	1,500	584	0.39	A	770	0.51	A
	SB Off	2	2,250	1,379	0.61	B	1,144	0.51	A
	NB Off	1	1,500	722	0.48	A	970	0.65	B
I-5 at Alicia Parkway	SB Direct On	1	1,080	399	0.37	A	570	0.53	A
	SB Loop On	1	1,500	599	0.40	A	526	0.35	A
	NB Direct On	1	1,500	2,608	1.74	F	1,746	1.16	F
	NB Loop On	1	1,500	966	0.64	B	766	0.51	A
	SB Off	2	3,000	1,772	0.59	A	1,582	0.53	A
	NB Off	1	1,500	391	0.26	A	621	0.41	A

LSA

Table C: Existing Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline					
				AM Peak Hour			PM Peak Hour		
				Volume	V/C	LOS	Volume	V/C	LOS
I-405 at Culver Drive	SB Direct On	1	1,500	294	0.20	A	479	0.32	A
	SB Loop On	1	900	378	0.42	A	177	0.20	A
	NB Direct On	1	1,500	1,273	0.85	D	651	0.43	A
	NB Loop On	1	1,500	618	0.41	A	364	0.24	A
	SB Off	2	3,000	1,161	0.39	A	1,751	0.58	A
	NB Off	1	1,500	647	0.43	A	546	0.36	A
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,146	0.76	C	1,507	1.00	E
	SB Loop On	1	900	266	0.30	A	264	0.29	A
	NB Direct On	1	1,500	1,113	0.74	C	641	0.43	A
	NB Loop On	1	900	195	0.22	A	93	0.10	A
	SB Off	1	1,500	604	0.40	A	597	0.40	A
	NB Off	2	2,250	1,349	0.60	A	1,098	0.49	A
I-405 at Sand Canyon Avenue	SB On	1	1,500	375	0.25	A	545	0.36	A
	NB Direct On	1	1,500	935	0.62	B	1,055	0.70	B
	NB Loop On	1	1,500	653	0.44	A	319	0.21	A
	SB Off	1	1,500	1,459	0.97	E	748	0.50	A
	NB Off	1	1,500	345	0.23	A	415	0.28	A
I-405 at Irvine Center Drive	SB Direct On	1	900	90	0.10	A	90	0.10	A
	SB Loop On	1	900	115	0.13	A	351	0.39	A
	NB Direct On	1	1,500	333	0.22	A	573	0.38	A
	NB Loop On	1	1,500	394	0.26	A	755	0.50	A
	SB Off	2	2,250	1,656	0.74	C	1,176	0.52	A
	NB Off	2	3,000	410	0.14	A	431	0.14	A
SR-133 at Irvine Boulevard	SB On	1	1,500	778	0.52	A	274	0.18	A
	NB Direct On	1	1,500	128	0.09	A	86	0.06	A
	NB Loop On	1	1,500	122	0.08	A	182	0.12	A
	SB Off	2	2,250	275	0.12	A	287	0.13	A
	NB Off	1	1,500	232	0.15	A	561	0.37	A
SR-133 at Great Park Boulevard	SB On	2	3,000	--	--	--	--	--	--
	NB On	1	1,500	--	--	--	--	--	--
	SB Off	1	1,500	--	--	--	--	--	--
	NB Off	2	3,000	--	--	--	--	--	--
SR-133 at Barranca Parkway	SB Loop On	1	1,080	141	0.13	A	758	0.70	B
	NB Direct On	1	1,080	85	0.08	A	482	0.45	A
	NB Loop On	1	1,080	211	0.20	A	766	0.71	C
	SB Off	2	3,000	1,372	0.46	A	403	0.13	A
	NB Off	2	2,250	946	0.42	A	378	0.17	A
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	585	0.33	A	268	0.15	A
	NB On	1	1,500	141	0.09	A	190	0.13	A
	SB Off	1	1,500	286	0.19	A	148	0.10	A
	NB Off	1	1,500	244	0.16	A	881	0.59	A
SR-241 at Jeffrey Road	SB On	1	1,500	--	--	--	--	--	--
	NB On	1	1,500	--	--	--	--	--	--
	SB Off	1	1,500	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--
SR-241 at Portola Parkway (West)	SB On	1	1,500	243	0.16	A	207	0.14	A
	NB On	1	1,500	78	0.05	A	58	0.04	A
	SB Off	1	1,500	62	0.04	A	57	0.04	A
	NB Off	1	1,500	213	0.14	A	192	0.13	A

LSA

Table C: Existing Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline					
				AM Peak Hour			PM Peak Hour		
				Volume	V/C	LOS	Volume	V/C	LOS
SR-241 at Alton Parkway	SB On	1	1,500	142	0.09	A	247	0.16	A
	NB On	1	1,500	320	0.21	A	163	0.11	A
	SB Off	1	1,500	391	0.26	A	354	0.24	A
	NB Off	2	2,250	323	0.14	A	65	0.03	A
SR-241 at Lake Forest Drive	NB On	2	2,250	247	0.11	A	283	0.13	A
	SB Off	1	1,500	272	0.18	A	240	0.16	A
SR-241 at Portola Parkway (East)	SB On	1	1,500	206	0.14	A	322	0.21	A
	NB On	2	2,250	506	0.22	A	284	0.13	A
	SB Off	1	1,500	278	0.19	A	387	0.26	A
	NB Off	2	2,250	342	0.15	A	263	0.12	A
SR-261 at Handy Creek Road	SB On	1	1,500	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--
SR-261 at Chapman	SB On	1	1,500	304	0.20	A	60	0.04	A
	NB Off	1	1,500	33	0.02	A	317	0.21	A
SR-261 at Portola Parkway	SB On	1	1,500	371	0.25	A	110	0.07	A
	NB On	1	1,500	141	0.09	A	83	0.06	A
	SB Off	1	1,500	96	0.06	A	90	0.06	A
	NB Off	1	1,500	69	0.05	A	287	0.19	A
SR-261 at Irvine Boulevard	SB On	1	1,500	376	0.25	A	151	0.10	A
	NB On	1	1,500	87	0.06	A	137	0.09	A
	SB Off	1	1,500	224	0.15	A	88	0.06	A
	NB Off	1	1,500	52	0.03	A	458	0.31	A

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

"--" = Not existing in the Existing condition.

LSA

Table D: Existing Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	Baseline					
				AM Peak Hour			PM Peak Hour		
				Volume	V/C	LOS	Volume	V/C	LOS
I-5 north of Newport Avenue	NB	5+1H	11,600	11,676	1.01	F	10,237	0.88	D
	SB	5+1H	11,600	11,477	0.99	E	11,877	1.02	F
I-5 north of Red Hill Avenue	NB	5+1H	11,600	10,551	0.91	E	9,016	0.78	D
	SB	5+1H	11,600	9,998	0.86	D	10,326	0.89	D
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	10,400	0.90	E	8,393	0.72	D
	SB	5+1H	11,600	11,225	0.97	E	11,713	1.01	F
I-5 north of Jamboree Road	NB	5+1H	11,600	8,523	0.73	D	7,765	0.67	C
	SB	5+1H	11,600	8,899	0.77	D	9,255	0.80	D
I-5 north of Culver Drive	NB	5+1H	11,600	9,955	0.86	D	9,840	0.85	D
	SB	5+1H	11,600	9,680	0.83	D	9,746	0.84	D
I-5 north of Jeffrey Road	NB	5+1H	11,600	9,936	0.86	D	9,212	0.79	D
	SB	5+1H	11,600	10,283	0.89	D	10,574	0.91	E
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	9,063	0.78	D	9,594	0.83	D
	SB	5+1H	11,600	9,981	0.86	D	9,377	0.81	D
I-5 north of Alton Parkway	NB	4+1H	9,600	7,213	0.75	D	6,168	0.64	C
	SB	4+1H	9,600	7,467	0.78	D	7,604	0.79	D
I-5 north of I-405	NB	4+1H	9,600	6,302	0.66	C	5,342	0.56	C
	SB	4+1H	9,600	5,450	0.57	C	5,121	0.53	C
I-5 north of Bake Parkway	NB	9+2H	21,500	11,384	0.53	C	8,752	0.41	B
	SB	9+2H	21,500	8,440	0.39	B	8,781	0.41	B
I-5 north of Lake Forest Drive	NB	8+2H	19,500	11,376	0.58	C	8,772	0.45	B
	SB	8+2H	19,500	9,348	0.48	B	9,589	0.49	B
I-5 north of El Toro Road	NB	5+2H	13,500	10,252	0.76	D	10,252	0.76	D
	SB	5+2H	13,500	7,678	0.57	C	7,765	0.58	C
I-5 north of Alicia Parkway	NB	4+1H	9,600	7,767	0.81	D	7,768	0.81	D
	SB	4+1H	9,600	7,682	0.80	D	7,764	0.81	D
I-5 south of Alicia Parkway	NB	4+1H	9,600	8,675	0.90	E	7,723	0.80	D
	SB	4+1H	9,600	11,016	1.15	F	10,016	1.04	F
I-405 north of Jeffrey Road	NB	4+1H	9,600	9,486	0.99	E	8,617	0.90	E
	SB	4+1H	9,600	8,544	0.89	D	7,727	0.80	D
I-405 north of Sand Canyon Avenue	NB	4+1H	9,600	8,412	0.88	D	7,605	0.79	D
	SB	4+1H	9,600	11,112	1.16	F	9,667	1.01	F
I-405 north of SR-133	NB	4+1H	9,600	10,052	1.05	F	8,768	0.91	E
	SB	4+1H	9,600	7,053	0.73	D	7,399	0.77	D
I-405 north of Irvine Center Drive	NB	4+1H	9,600	8,000	0.83	D	6,488	0.68	C
	SB	4+1H	9,600	5,593	0.58	C	5,801	0.60	C
I-405 north of I-5	NB	4+1H	9,600	4,732	0.49	B	3,292	0.34	B
	SB	4+1H	9,600	6,481	0.68	C	7,294	0.76	D
SR-133 north of Irvine Boulevard	NB	4	8,000	1,435	0.18	A	3,851	0.48	B
	SB	4	8,000	4,418	0.55	C	1,727	0.22	A
SR-133 north of Great Park Boulevard	NB	3	6,000	4,252	0.71	C	4,252	0.71	C
	SB	3	6,000	1,681	0.28	A	1,681	0.28	A
SR-133 north of I-5	NB	3	6,000	1,104	0.18	A	3,234	0.54	C
	SB	3	6,000	3,876	0.65	C	1,377	0.23	A
SR-133 south of I-5	NB	3	6,000	679	0.11	A	1,989	0.33	B
	SB	3	6,000	1,741	0.29	A	779	0.13	A
SR-133 north of I-405	NB	3	6,000	2,111	0.35	B	3,962	0.66	C
	SB	3	6,000	3,050	0.51	C	1,984	0.33	B
SR-133 south of I-405	NB	3	6,000	2,534	0.42	B	2,755	0.46	B
	SB	3	6,000	2,159	0.36	B	2,368	0.39	B
SR-241 north of Santiago Canyon Road	NB	3	6,000	1,283	0.21	A	1,883	0.31	B
	SB	3	6,000	2,295	0.38	B	1,102	0.18	A
SR-241 north of Jeffrey Road	NB	3	6,000	1,283	0.21	A	1,883	0.31	B
	SB	3	6,000	2,295	0.38	B	1,102	0.18	A
SR-241 north of SR-133	NB	3	6,000	1,965	0.33	B	3,332	0.56	C
	SB	3	6,000	3,134	0.52	C	1,478	0.25	A
SR-241 north of Portola Parkway	NB	4	8,000	2,971	0.37	B	1,860	0.23	A
	SB	4	8,000	2,180	0.27	A	3,610	0.45	B
SR-241 north of Alton Parkway	NB	3	6,000	3,092	0.52	C	1,986	0.33	B
	SB	3	6,000	1,838	0.31	B	2,727	0.45	B
SR-241 north of Lake Forest Drive	NB	3	6,000	2,824	0.47	B	1,449	0.24	A
	SB	3	6,000	1,294	0.22	A	2,365	0.39	B
SR-261 north of Portola Parkway	NB	2	4,000	529	0.13	A	2,029	0.51	C
	SB	2	4,000	3,120	0.78	D	665	0.17	A
SR-261 north of Irvine Boulevard	NB	3	6,000	395	0.07	A	2,039	0.34	B
	SB	3	6,000	3,052	0.51	C	611	0.10	A
SR-261 south of Irvine Boulevard	NB	2	4,000	390	0.10	A	2,020	0.51	C
	SB	2	4,000	3,068	0.77	D	616	0.15	A

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

FUTURE CONDITIONS

The following discussion presents the results of the Short-Term, Long-Range, and Buildout analysis for Baseline (No Project) and Plus Project conditions.

Short-Term Approved Baseline and Plus Project Traffic Volumes and LOS

Peak-Hour Intersection LOS

Table E presents a summary of the intersection LOS for Short-Term Approved (Baseline and Plus Project) conditions. As Table E indicates, all study area intersections are forecast to operate at satisfactory LOS in the Baseline (No Project) condition, except for the following locations:

- **Intersection # 434:** I-5 SB Ramps/Alicia Parkway (LOS E)
- **Intersection # 464:** SR-241-SR-261 SB Ramps/Chapman Avenue (LOS E)

With the addition of the proposed project in the Short-Term Approved condition, all study area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersections. However, the intersection v/c ratio increase does not exceed the impact threshold at SR-241-SR-261 SB Ramps/Chapman Avenue. Therefore, the proposed project can be implemented in a Short-Term Approved condition with no peak-hour LOS impact at this location.

As for I-5 SB Ramps/Alicia Parkway, an intersection v/c ratio increase of 0.02 in the a.m. peak hour exceeds the impact threshold. However, an intersection improvement of adding one SB left-turn lane was planned in the Long-Range and Buildout scenarios. As demonstrated later in this study, I-5 SB Ramps/Alicia Parkway, with the intersection improvement of adding one SB left-turn lane, would operate at satisfactory LOS (LOS D) in the Long-Range and Buildout scenarios. In addition, it should be noted that this improvement is currently under construction. Therefore, the proposed project does not require improvements at this deficient intersection in the Short-Term Approved condition.

Roadway Segment Volumes and LOS

The ADT volumes and v/c ratios for Short-Term Approved Baseline (No Project) are illustrated in Figures 6 and 7, respectively. The ADT volumes and v/c ratios for Short-Term Approved Plus Project are illustrated on Figures 8 and 9, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Short-Term Approved (Baseline and Plus Project) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments, with the exception of Jeffrey Road between the I-5 NB Ramps and Roosevelt.

LSA

Table E: Short-Term Approved Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		ICU or Delay		
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.59	A	0.49	A	0.59	A	0.49	A	0.00	0.00	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.57	A	0.77	C	0.57	A	0.76	C	0.00	(0.01)	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.68	B	0.73	C	0.68	B	0.75	C	0.00	0.02	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.61	B	0.61	B	0.61	B	0.61	B	0.00	0.00	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.76	C	0.73	C	0.75	C	0.73	C	(0.01)	0.00	No
124	Jamboree Road/Portola Parkway	Tustin		0.47	A	0.61	B	0.47	A	0.61	B	0.00	0.00	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.86	D	0.74	C	0.86	D	0.74	C	0.00	0.00	No
126	Jamboree Road/Bryan Avenue	Tustin		0.65	B	0.71	C	0.65	B	0.71	C	0.00	0.00	No
127	Jamboree Road/El Camino Real	Tustin		0.73	C	0.79	C	0.75	C	0.79	C	0.02	0.00	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.79	C	0.75	C	0.80	C	0.76	C	0.01	0.01	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.72	C	0.57	A	0.72	C	0.57	A	0.00	0.00	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.51	A	0.54	A	0.52	A	0.54	A	0.01	0.00	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.36	A	0.56	A	0.35	A	0.56	A	(0.01)	0.00	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.40	A	0.55	A	0.40	A	0.55	A	0.00	0.00	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.34	A	0.70	B	0.34	A	0.70	B	0.00	0.00	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.70	B	0.83	D	0.70	B	0.84	D	0.00	0.01	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.34	A	0.47	A	0.34	A	0.48	A	0.00	0.01	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.25	A	0.49	A	0.25	A	0.50	A	0.00	0.01	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.47	A	0.47	A	0.45	A	0.48	A	(0.02)	0.01	No
	HCM			*9.9*	*A*	*6.4*	*A*	*9.8*	*A*	*6.4*	*A*	*(0.1)*	*0.0*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.38	A	0.57	A	0.39	A	0.57	A	0.01	0.00	No
	HCM			*5.5*	*A*	*12.1*	*B*	*5.5*	*A*	*12.3*	*B*	*0.0*	*0.2*	--
218	Culver Drive/Portola Parkway	Irvine		0.37	A	0.55	A	0.37	A	0.55	A	0.00	0.00	No
220	Culver Drive/Irvine Boulevard	Irvine		0.56	A	0.65	B	0.57	A	0.65	B	0.01	0.00	No
221	Culver Drive/Bryan Avenue	Irvine		0.68	B	0.65	B	0.68	B	0.66	B	0.00	0.01	No
222	Culver Drive/Trabuco Road	Irvine		0.67	B	0.75	C	0.67	B	0.75	C	0.00	0.00	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.60	A	0.58	A	0.60	A	0.58	A	0.00	0.00	No
224	Culver Drive/Walnut Avenue	Irvine		0.68	B	0.78	C	0.67	B	0.78	C	(0.01)	0.00	No
226	Culver Drive/Irvine Center Drive	Irvine		0.68	B	0.72	C	0.67	B	0.73	C	(0.01)	0.01	No
227	Culver Drive/Warner Avenue	Irvine		0.67	B	0.63	B	0.68	B	0.63	B	0.01	0.00	No
228	Culver Drive/Barranca Parkway	Irvine		0.70	B	0.81	D	0.70	B	0.81	D	0.00	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.70	B	0.70	B	0.69	B	0.69	B	(0.01)	(0.01)	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.56	A	0.69	B	0.56	A	0.69	B	0.00	0.00	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.62	B	0.65	B	0.62	B	0.65	B	0.00	0.00	No
235	Culver Drive/University Drive	Irvine		0.70	B	0.72	C	0.70	B	0.72	C	0.00	0.00	No
243	Yale Avenue/Portola Parkway	Irvine		0.42	A	0.48	A	0.44	A	0.50	A	0.02	0.02	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.57	A	0.71	C	0.56	A	0.71	C	(0.01)	0.00	No
252	Yale Avenue/Bryan Avenue	Irvine		0.33	A	0.48	A	0.33	A	0.49	A	0.00	0.01	No
255	Yale Avenue/Trabuco Road	Irvine		0.40	A	0.48	A	0.41	A	0.49	A	0.01	0.01	No
259	Yale Avenue/Walnut Avenue	Irvine		0.47	A	0.76	C	0.47	A	0.75	C	0.00	(0.01)	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.62	B	0.63	B	0.61	B	0.63	B	(0.01)	0.00	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.52	A	0.55	A	0.52	A	0.56	A	0.00	0.01	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.60	A	0.58	A	0.61	B	0.58	A	0.01	0.00	No
268	W. Yale Loop/Alton Parkway	Irvine		0.51	A	0.62	B	0.51	A	0.62	B	0.00	0.00	No
271	E. Yale Loop/Alton Parkway	Irvine		0.71	C	0.62	B	0.71	C	0.62	B	0.00	0.00	No
282	Jeffrey Road/Portola Parkway	Irvine		0.48	A	0.52	A	0.67	B	0.63	B	0.19	0.11	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.49	A	0.55	A	0.51	A	0.60	A	0.02	0.05	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.48	A	0.52	A	0.49	A	0.54	A	0.01	0.02	No
285	Jeffrey Road/Trabuco Road	Irvine		0.51	A	0.64	B	0.52	A	0.66	B	0.01	0.02	No
286	Jeffrey Road/Roosevelt	Irvine		0.82	D	0.62	B	0.83	D	0.62	B	0.01	0.00	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.70	B	0.80	C	0.71	C	0.81	D	0.01	0.01	No
	HCM			*17.4*	*B*	*24.5*	*C*	*17.6*	*B*	*24.7*	*C*	*0.2*	*0.2*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.77	C	0.78	C	0.75	C	0.79	C	(0.02)	0.01	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.70	B	0.72	C	0.70	B	0.72	C	0.00	0.00	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.78	C	0.78	C	0.78	C	0.77	C	0.00	(0.01)	No
291	Jeffrey Road/Alton Parkway	Irvine		0.86	D	0.78	C	0.88	D	0.78	C	0.02	0.00	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.78	C	0.67	B	0.79	C	0.66	B	0.01	(0.01)	No
	HCM			*19.1*	*B*	*12.3*	*B*	*19.4*	*B*	*12.3*	*B*	*0.3*	*0.0*	--
294	University Drive/I-405 SB Ramps	Irvine		0.66	B	0.53	A	0.65	B	0.54	A	(0.01)	0.01	No
	HCM			*6.7*	*A*	*5.9*	*A*	*6.7*	*A*	*5.9*	*A*	*0.0*	*0.0*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.35	A	0.45	A	0.37	A	0.45	A	0.02	0.00	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.51	A	0.56	A	0.51	A	0.57	A	0.00	0.01	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.57	A	0.56	A	0.57	A	0.57	A	0.00	0.01	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.59	A	0.66	B	0.59	A	0.66	B	0.00	0.00	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.60	A	0.65	B	0.58	A	0.65	B	(0.02)	0.00	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.54	A	0.64	B	0.54	A	0.65	B	0.00	0.01	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.48	A	0.43	A	0.48	A	0.43	A	0.00	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.52	A	0.50	A	0.52	A	0.50	A	0.00	0.00	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.49	A	0.55	A	0.48	A	0.55	A	(0.01)	0.00	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.58	A	0.64	B	0.58	A	0.64	B	0.00	0.00	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.58	A	0.42	A	0.58	A	0.42	A	0.00	0.00	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.85	D	0.54	A	0.85	D	0.54	A	0.00	0.00	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.25	A	0.30	A	0.25	A	0.31	A	0.00	0.01	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.34	A	0.39	A	0.34	A	0.39	A	0.00	0.00	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.58	A	0.50	A	0.58	A	0.50	A	0.00	0.00	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.62	B	0.48	A	0.62	B	0.00	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.55	A	0.69	B	0.55	A	0.69	B	0.00	0.00	No
318	Banting/Barranca Parkway	Irvine		0.70	B	0.46	A	0.70	B	0.46	A	0.00	0.00	No
319	Banting/Alton Parkway	Irvine		0.62	B	0.44	A	0.62	B	0.45	A	0.00	0.01	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.72	C	0.69	B	0.72	C	0.69	B	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.83	D	0.71	C	0.83	D	0.71	C	0.00	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.36	A	0.39	A	0.36	A	0.39	A	0.00	0.00	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.14	A	0.12	A	0.14	A	0.11	A	0.00	(0.01)	No

LSA

Table E: Short-Term Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.14	A	0.15	A	0.14	A	0.15	A	0.00	0.00	No
326	Ada/Barranca Parkway	Irvine		0.47	A	0.54	A	0.46	A	0.54	A	(0.01)	0.00	No
327	Barranca Parkway/Technology	Irvine		0.49	A	0.66	B	0.48	A	0.66	B	(0.01)	0.00	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.60	A	0.44	A	0.59	A	0.43	A	(0.01)	(0.01)	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.60	A	0.59	A	0.60	A	0.59	A	0.00	0.00	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.50	A	0.66	B	0.50	A	0.66	B	0.00	0.00	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.45	A	0.55	A	0.46	A	0.55	A	0.01	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.42	A	0.28	A	0.41	A	0.28	A	(0.01)	0.00	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.39	A	0.37	A	0.39	A	0.37	A	0.00	0.00	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.64	B	0.52	A	0.64	B	0.52	A	0.00	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.61	B	0.49	A	0.60	A	0.48	A	(0.01)	(0.01)	No
340	Alton Parkway/Jeronimo Road	Irvine		0.51	A	0.45	A	0.51	A	0.45	A	0.00	0.00	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.53	A	0.61	B	0.52	A	0.61	B	(0.01)	0.00	No
342	Technology Drive E./Alton Parkway	Irvine		0.42	A	0.50	A	0.41	A	0.50	A	(0.01)	0.00	No
343	Alton Parkway/Ada	Irvine		0.44	A	0.47	A	0.44	A	0.47	A	0.00	0.00	No
344	Alton Parkway/Technology Drive W.	Irvine		0.51	A	0.66	B	0.51	A	0.66	B	0.00	0.00	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.69	B	0.40	A	0.70	B	0.40	A	0.01	0.00	No
	HCM			*14.1*	*B*	*5.8*	*A*	*14.1*	*B*	*5.7*	*A*	*0.0*	*(0.1)*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.61	B	0.64	B	0.60	A	0.64	B	(0.01)	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.49	A	0.56	A	0.49	A	0.56	A	0.00	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.58	A	0.49	A	0.58	A	0.49	A	0.00	0.00	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.42	A	0.58	A	0.42	A	0.58	A	0.00	0.00	No
	HCM			*16.8*	*B*	*25.7*	*C*	*16.8*	*B*	*25.8*	*C*	*0.0*	*0.1*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.43	A	0.72	C	0.44	A	0.72	C	0.01	0.00	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.33	A	0.46	A	0.33	A	0.46	A	0.00	0.00	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.63	B	0.68	B	0.63	B	0.68	B	0.00	0.00	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.56	A	0.64	B	0.56	A	0.64	B	0.00	0.00	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.44	A	0.51	A	0.44	A	0.51	A	0.00	0.00	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.64	B	0.75	C	0.64	B	0.75	C	0.00	0.00	No
363	Bake Parkway/Toledo Way	Irvine		0.68	B	0.59	A	0.68	B	0.59	A	0.00	0.00	No
364	Bake Parkway/Jeronimo Road	Irvine		0.78	C	0.80	C	0.78	C	0.80	C	0.00	0.00	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.60	A	0.72	C	0.60	A	0.74	C	0.00	0.02	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.60	A	0.74	C	0.59	A	0.73	C	(0.01)	(0.01)	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.95	E	0.79	C	0.95	E	0.78	C	0.00	(0.01)	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.74	C	0.83	D	0.75	C	0.83	D	0.01	0.00	No
371	Bake Parkway/Research Drive	Irvine		0.43	A	0.59	A	0.43	A	0.58	A	0.00	(0.01)	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.33	A	0.39	A	0.33	A	0.39	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.24	A	0.28	A	0.24	A	0.28	A	0.00	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.42	A	0.48	A	0.42	A	0.47	A	0.00	(0.01)	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.35	A	0.34	A	0.35	A	0.34	A	0.00	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.60	A	0.59	A	0.59	A	0.59	A	(0.01)	0.00	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.52	A	0.56	A	0.52	A	0.56	A	0.00	0.00	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.68	B	0.65	B	0.68	B	0.66	B	0.00	0.01	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.52	A	0.71	C	0.52	A	0.72	C	0.00	0.01	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.58	A	0.65	B	0.58	A	0.66	B	0.00	0.01	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.42	A	0.64	B	0.42	A	0.65	B	0.00	0.01	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.68	B	0.79	C	0.68	B	0.82	D	0.00	0.03	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.49	A	0.69	B	0.49	A	0.69	B	0.00	0.00	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.43	A	0.56	A	0.44	A	0.56	A	0.01	0.00	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.36	A	0.44	A	0.36	A	0.44	A	0.00	0.00	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.26	A	0.60	A	0.26	A	0.59	A	0.00	(0.01)	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.37	A	0.58	A	0.37	A	0.58	A	0.00	0.00	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.47	A	0.47	A	0.47	A	0.47	A	0.00	0.00	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.49	A	0.67	B	0.49	A	0.67	B	0.00	0.00	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.61	B	0.74	C	0.62	B	0.74	C	0.01	0.00	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.60	A	0.65	B	0.58	A	0.62	B	(0.02)	(0.03)	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.51	A	0.72	C	0.51	A	0.71	C	0.00	(0.01)	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.55	A	0.65	B	0.53	A	0.64	B	(0.02)	(0.01)	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.49	A	0.55	A	0.49	A	0.55	A	0.00	0.00	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.63	B	0.74	C	0.63	B	0.74	C	0.00	0.00	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.61	B	0.88	D	0.60	A	0.88	D	(0.01)	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.67	B	0.72	C	0.67	B	0.72	C	0.00	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.44	A	0.68	B	0.45	A	0.68	B	0.01	0.00	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.59	A	0.67	B	0.59	A	0.68	B	0.00	0.01	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
404	SR-241 SB Ramps/Jeffrey Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
	HCM			--	--	--	--	--	--	--	--	--	--	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.64	B	0.51	A	0.64	B	0.51	A	0.00	0.00	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.69	B	0.62	B	0.68	B	0.62	B	(0.01)	0.00	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.51	A	0.69	B	0.51	A	0.68	B	0.00	(0.01)	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.30	A	0.43	A	0.30	A	0.43	A	0.00	0.00	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.44	A	0.49	A	0.44	A	0.49	A	0.00	0.00	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.37	A	0.29	A	0.37	A	0.29	A	0.00	0.00	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.50	A	0.48	A	0.49	A	0.48	A	(0.01)	0.00	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.44	A	0.52	A	0.44	A	0.52	A	0.00	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.36	A	0.37	A	0.36	A	0.37	A	0.00	0.00	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.72	C	0.69	B	0.73	C	0.68	B	0.01	(0.01)	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.65	B	0.63	B	0.66	B	0.63	B	0.01	0.00	No
419	El Toro Road/Toledo Way	Lake Forest		0.54	A	0.46	A	0.54	A	0.46	A	0.00	0.00	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.67	B	0.81	D	0.68	B	0.81	D	0.01	0.00	No

LSA

Table E: Short-Term Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		ICU or Delay		
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.69	B	0.61	B	0.68	B	0.61	B	(0.01)	0.00	No
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.65	B	0.68	B	0.66	B	0.69	B	0.01	0.01	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.68	B	0.69	B	0.68	B	0.70	B	0.00	0.01	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.70	B	0.61	B	0.70	B	0.60	A	0.00	(0.01)	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.42	A	0.48	A	0.44	A	0.47	A	0.02	(0.01)	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.42	A	0.44	A	0.42	A	0.45	A	0.00	0.01	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.51	A	0.59	A	0.51	A	0.59	A	0.00	0.00	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.61	B	0.63	B	0.61	B	0.63	B	0.00	0.00	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.59	A	0.64	B	0.60	A	0.64	B	0.01	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.68	B	0.61	B	0.68	B	0.61	B	0.00	0.00	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.84	D	0.75	C	0.80	C	0.75	C	(0.04)	0.00	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.77	C	0.72	C	0.78	C	0.71	C	0.01	(0.01)	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.56	A	0.69	B	0.56	A	0.69	B	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.91	E	0.93	E	0.93	E	0.91	E	0.02	(0.02)	Yes
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.62	B	0.63	B	0.62	B	0.61	B	0.00	(0.02)	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.64	B	0.70	B	0.64	B	0.71	C	0.00	0.01	No
437	Scientific Way/Irvine Center Drive	Irvine		0.25	A	0.35	A	0.25	A	0.35	A	0.00	0.00	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.32	A	0.29	A	0.32	A	0.28	A	0.00	(0.01)	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.61	B	0.55	A	0.62	B	0.55	A	0.01	0.00	No
	HCM			*26.8*	*C*	*46.4*	*D*	*26.8*	*C*	*47.1*	*D*	*0.0*	*0.7*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.61	B	0.48	A	0.62	B	0.48	A	0.01	0.00	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.57	A	0.64	B	0.57	A	0.64	B	0.00	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
463	Jamboree Road/Chapman Avenue	Orange		0.65	B	0.67	B	0.65	B	0.67	B	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.53	A	0.94	E	0.53	A	0.94	E	0.00	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.41	A	0.81	D	0.41	A	0.81	D	0.00	0.00	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.33	A	0.52	A	0.33	A	0.52	A	0.00	0.00	No
468	Jamboree Road/Canyon View Avenue	Orange		0.50	A	0.46	A	0.49	A	0.46	A	(0.01)	0.00	No
469	Jamboree Road/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
470	SR-261 SB Ramps/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
471	SR-261 NB Ramps/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
477	El Camino Real N./Bryan Avenue	Irvine		0.24	A	0.49	A	0.24	A	0.49	A	0.00	0.00	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.42	A	0.48	A	0.42	A	0.48	A	0.00	0.00	No
482	Visions/Trabuco Road	Irvine		0.43	A	0.28	A	0.43	A	0.28	A	0.00	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.41	A	0.41	A	0.41	A	0.43	A	0.00	0.02	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.54	A	0.40	A	0.54	A	0.38	A	0.00	(0.02)	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		--	--	--	--	--	--	--	--	--	--	--
	HCM			--	--	--	--	--	--	--	--	--	--	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		--	--	--	--	--	--	--	--	--	--	--
	HCM			--	--	--	--	--	--	--	--	--	--	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.53	A	0.42	A	0.53	A	0.42	A	0.00	0.00	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.48	A	0.64	B	0.48	A	0.63	B	0.00	(0.01)	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.60	A	0.83	D	0.60	A	0.83	D	0.00	0.00	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.41	A	0.51	A	0.41	A	0.51	A	0.00	0.00	No
518	Alton Parkway/Commercentre	Lake Forest		0.44	A	0.56	A	0.44	A	0.56	A	0.00	0.00	No
520	Keystone/Trabuco Road	Irvine		0.47	A	0.37	A	0.47	A	0.37	A	0.00	0.00	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.57	A	0.54	A	0.57	A	0.55	A	0.00	0.01	No
556	Ridge Valley/Portola Parkway	Irvine		0.35	A	0.26	A	0.35	A	0.26	A	0.00	0.00	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.50	A	0.54	A	0.50	A	0.54	A	0.00	0.00	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.40	A	0.45	A	0.40	A	0.45	A	0.00	0.00	No
560	Ridge Valley/Marine Way	Irvine		0.33	A	0.33	A	0.34	A	0.33	A	0.01	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.55	A	0.45	A	0.55	A	0.45	A	0.00	0.00	No
562	Skyhawk/Marine Way	Irvine		0.25	A	0.30	A	0.25	A	0.30	A	0.00	0.00	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.42	A	0.52	A	0.42	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		0.42	A	0.54	A	0.42	A	0.54	A	0.00	0.00	No
566	Marine Way/Barranca Parkway	Irvine		0.25	A	0.40	A	0.25	A	0.40	A	0.00	0.00	No
567	Marine Way/Alton Parkway	Irvine		0.58	A	0.45	A	0.58	A	0.45	A	0.00	0.00	No
568	Ada/Marine Way	Irvine		0.18	A	0.19	A	0.18	A	0.19	A	0.00	0.00	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.79	C	0.79	C	0.79	C	0.78	C	0.00	(0.01)	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.30	A	0.34	A	0.30	A	0.00	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.54	A	0.53	A	0.54	A	0.54	A	0.00	0.01	No
575	Ridge Valley/Hornet - Decora	Irvine		0.23	A	0.31	A	0.23	A	0.31	A	0.00	0.00	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.22	A	0.27	A	0.22	A	0.27	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.51	A	0.52	A	0.51	A	0.52	A	0.00	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.43	A	0.50	A	0.43	A	0.00	0.00	No
581	Lynx/Irvine Boulevard	Irvine		0.62	B	0.50	A	0.62	B	0.50	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.43	A	0.53	A	0.46	A	0.54	A	0.03	0.01	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.82	D	0.57	A	0.83	D	0.57	A	0.01	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.25	A	0.47	A	0.25	A	0.47	A	0.00	0.00	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.36	A	0.27	A	0.36	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*8.7*	*A*	*16.3*	*C*	*8.7*	*A*	*16.3*	*C*	*0.0*	*0.0*	--
655	Ridge Valley/Corsair	Irvine		0.27	A	0.27	A	0.27	A	0.27	A	0.00	0.00	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

"--" = Not existing in the Short-Term Approved condition.

[1] It is a roundabout.

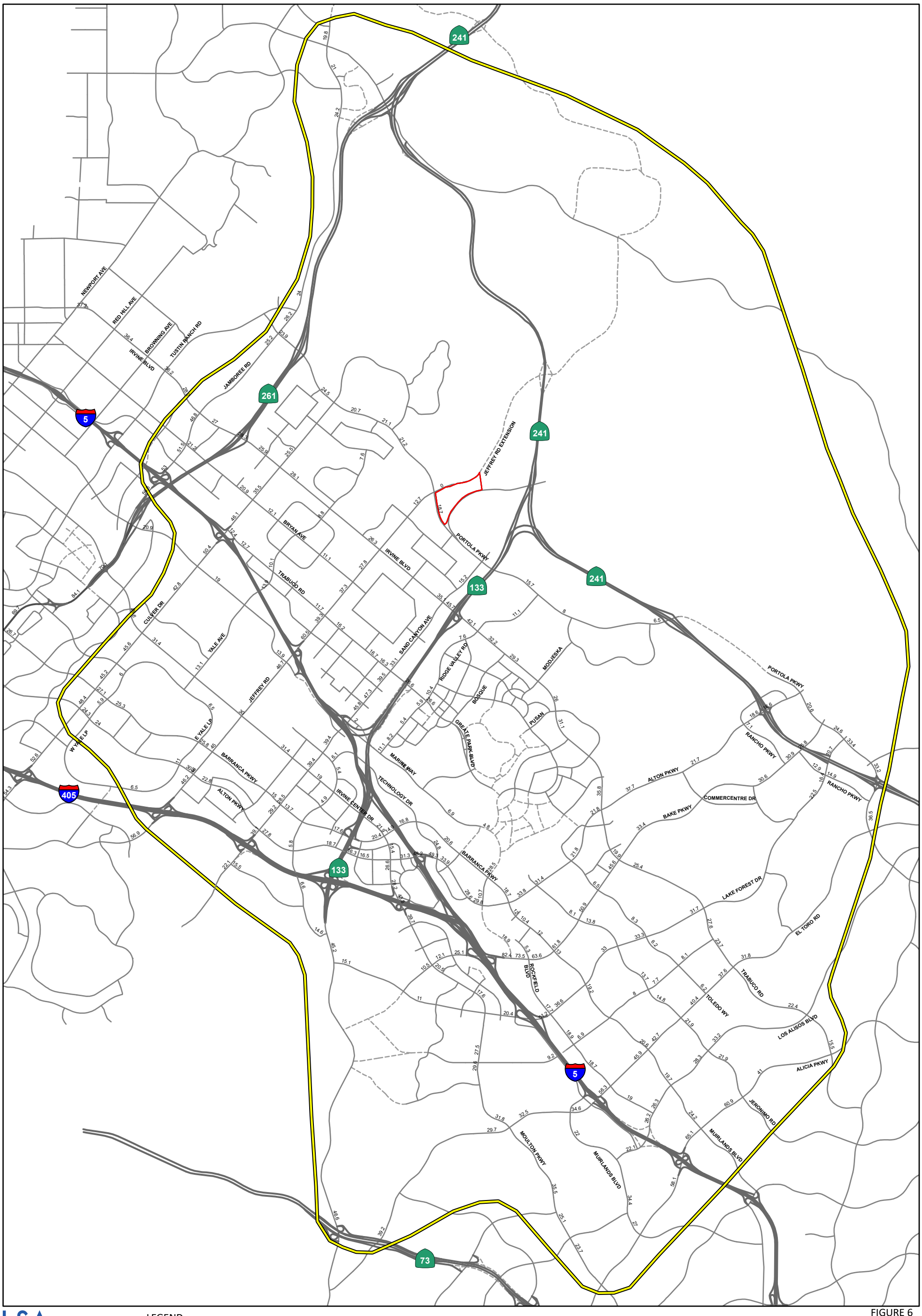

FIGURE 6

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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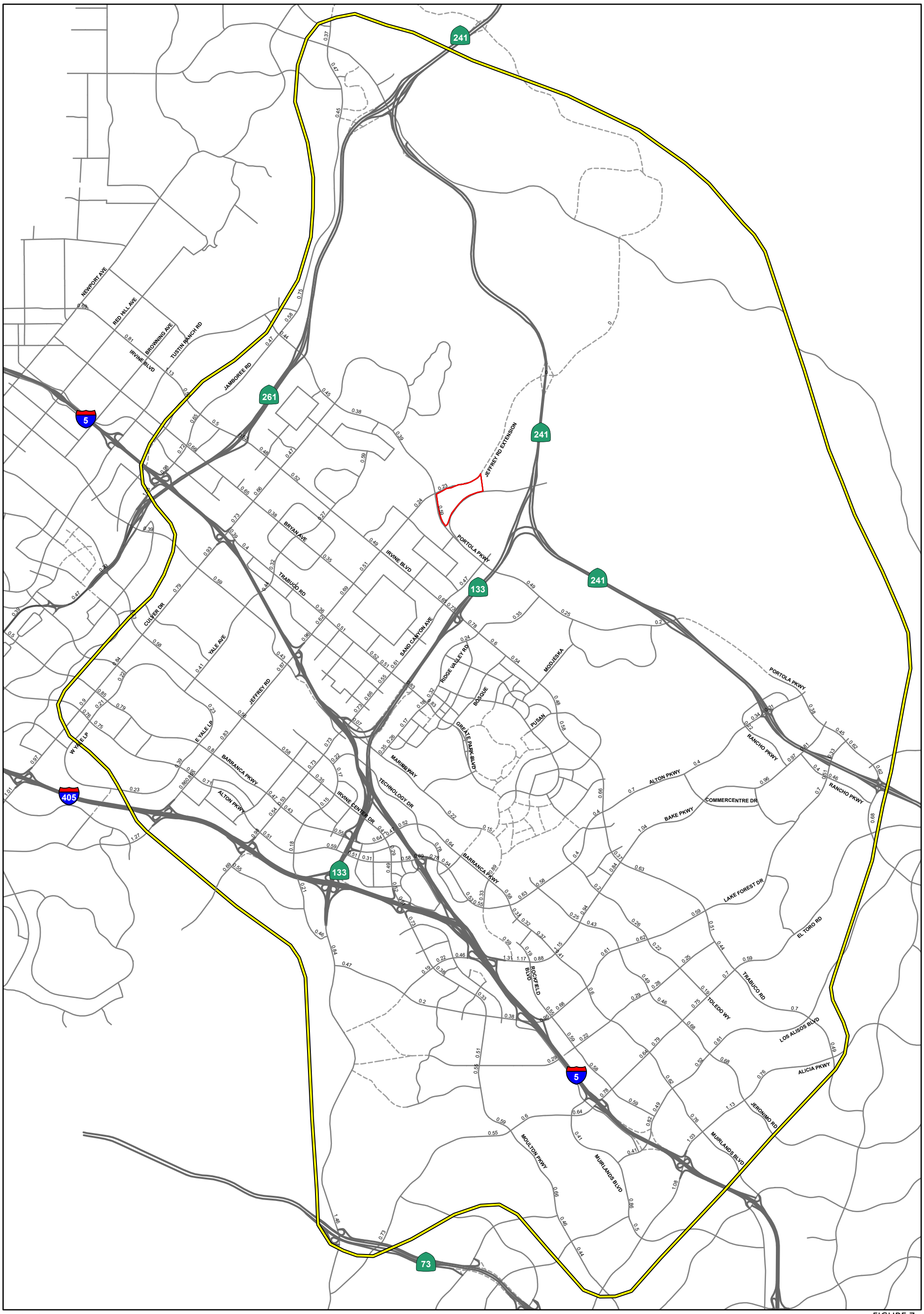
Irvine Gateway Village

Short-Term Approved Baseline ADT Volumes



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

FIGURE 7

Irvine Gateway Village

Short-Term Approved Baseline ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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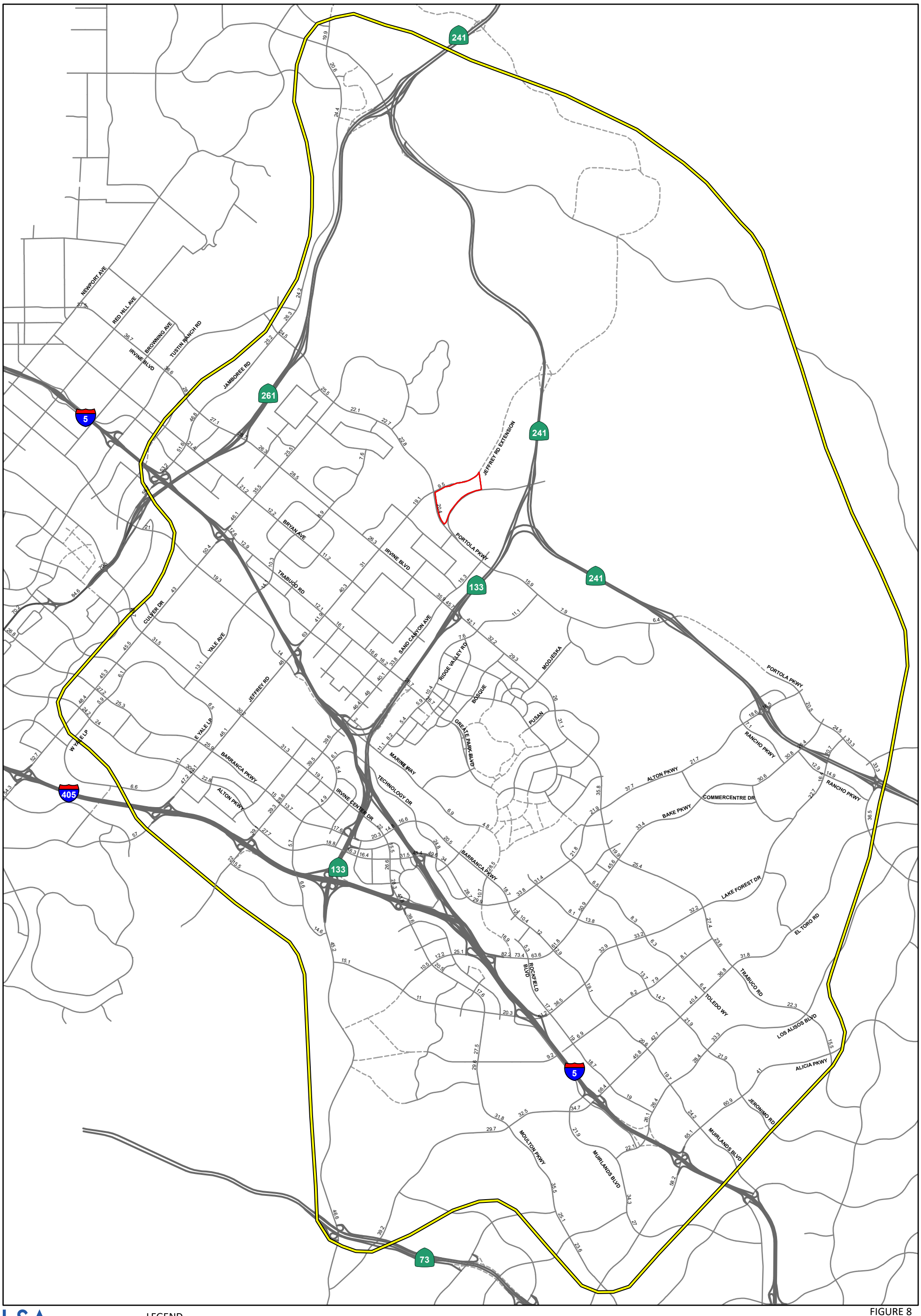


FIGURE 8

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

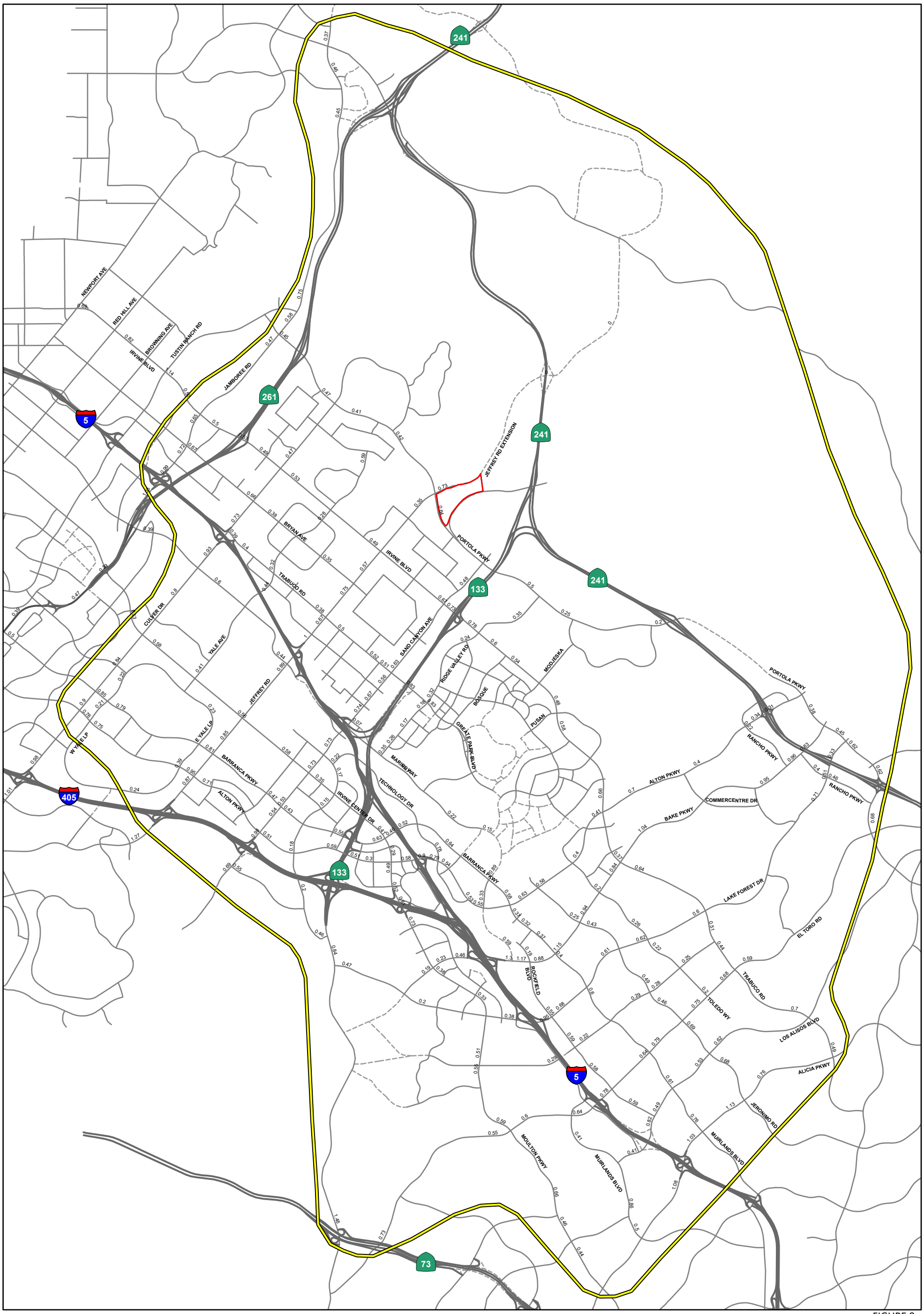
0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

P:\2023\20231340 - Irvine Gateway\GIS\ADT Maps\ADT_Maps\ADT_Maps.aprx (12/24/2024)

Irvine Gateway Village

Short-Term Approved Plus Project ADT Volumes



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

FIGURE 9

Irvine Gateway Village

Short-Term Approved Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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The peak-hour roadway segment analysis was performed for Jeffrey Road between the I-5 NB Ramps and Roosevelt. The resulting midblock peak-hour v/c ratios for this arterial roadway segment under the Short-Term Approved (Baseline and Plus Project) conditions are summarized in Table F. As the summary table indicates, this arterial roadway segment is forecast to operate at acceptable LOS during the peak hours. Therefore, the proposed project can be implemented in a Short-Term Approved condition with no LOS impacts on arterial roadway segments in the study area.

Table F: Short-Term Approved Arterial Roadway Peak Hour Link Analysis Summary

Roadway Segment	Peak Hour	Direction	Peak-Hour Capacity (Vehicles/Hour)	Baseline			Plus Project			Δ v/c Ratio	Significant LOS Impact?
				Volume	v/c	LOS	Volume	V/C	LOS		
Jeffrey Road (Roosevelt to I-5 NB Ramps)	AM	NB	4,800	910	0.19	A	920	0.19	A	0.00	No
		SB	4,800	2,837	0.59	A	2,888	0.60	A	0.01	No
	PM	NB	4,800	3,362	0.70	B	3,401	0.71	C	0.01	No
		SB	4,800	1,540	0.32	A	1,597	0.33	A	0.01	No

Source: Compiled by LSA (2024).
Δ = change
I-5 = Interstate 5
LOS = level of service
NB = northbound
SB = southbound
v/c = volume-to-capacity ratio

Peak-Hour Freeway/Tollway Ramp LOS

A summary of freeway/tollway ramp LOS for Short-Term Approved (Baseline and Plus Project) is presented in Table G.

Based on the v/c performance criteria discussed above, the I-405 SB off-ramp at Sand Canyon Avenue in the study area is forecast to operate deficiently in the Short-Term Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for this ramp location. Therefore, the proposed project can be implemented in a Short-Term Approved condition with no peak-hour LOS impacts on freeway/tollway ramps in the study area.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Short-Term Approved (Baseline and Plus Project) is presented in Table H.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Short-Term Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the proposed project can be implemented in a Short-Term Approved condition with no peak-hour LOS impacts on freeway/tollway mainline segments in the study area.

LSA

Table G: Short-Term Approved Freeway/Tollway Ramp LOS Summary

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 at Jamboree Road	SB Direct On	1	1,500	358	0.24	A	1,210	0.81	D	358	0.24	A	1,210	0.81	D	0.00	0.00	No
	SB Loop On	1	1,080	802	0.74	C	491	0.45	A	793	0.73	C	492	0.46	A	(0.01)	0.01	No
	NB Direct On	1	1,080	813	0.75	C	377	0.35	A	828	0.77	C	378	0.35	A	0.02	0.00	No
	NB Loop On	1	1,080	481	0.45	A	329	0.30	A	481	0.45	A	334	0.31	A	0.00	0.01	No
	SB Off	2	3,000	1,358	0.45	A	1,153	0.38	A	1,377	0.46	A	1,169	0.39	A	0.01	0.01	No
	NB Off	1	1,500	1,383	0.92	E	1,495	1.00	E	1,381	0.92	E	1,494	1.00	E	0.00	0.00	No
I-5 at Culver Drive	SB Direct On	1	900	382	0.42	A	449	0.50	A	384	0.43	A	453	0.50	A	0.01	0.00	No
	SB Loop On	1	900	689	0.77	C	404	0.45	A	692	0.77	C	412	0.46	A	0.00	0.01	No
	NB Direct On	1	900	719	0.80	C	282	0.31	A	738	0.82	D	282	0.31	A	0.02	0.00	No
	NB Loop On	1	1,500	966	0.64	B	500	0.33	A	970	0.65	B	500	0.33	A	0.01	0.00	No
	SB Off	2	2,250	1,238	0.55	A	1,849	0.82	D	1,242	0.55	A	1,850	0.82	D	0.00	0.00	No
	NB Off	1	1,500	591	0.39	A	966	0.64	B	591	0.39	A	979	0.65	B	0.00	0.01	No
I-5 at Jeffrey Road	SB On	1	1,080	882	0.82	D	890	0.82	D	886	0.82	D	885	0.82	D	0.00	0.00	No
	NB Direct On	1	1,080	782	0.72	C	353	0.33	A	792	0.73	C	363	0.34	A	0.01	0.01	No
	NB Loop On	1	1,500	291	0.19	A	384	0.26	A	304	0.20	A	372	0.25	A	0.01	(0.01)	No
	SB Off	1	1,500	528	0.35	A	881	0.59	A	528	0.35	A	882	0.59	A	0.00	0.00	No
	NB Off	2	2,250	1,181	0.52	A	1,490	0.66	B	1,173	0.52	A	1,490	0.66	B	0.00	0.00	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	773	0.52	A	796	0.53	A	764	0.51	A	762	0.51	A	(0.01)	(0.02)	No
	NB On	1	1,500	851	0.57	A	859	0.57	A	843	0.56	A	859	0.57	A	(0.01)	0.00	No
	SB Off	1	1,500	1,174	0.78	C	1,371	0.91	E	1,181	0.79	C	1,367	0.91	E	0.01	0.00	No
	NB Off	2	2,250	795	0.35	A	1,342	0.60	A	801	0.36	A	1,341	0.60	A	0.01	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	54	0.04	A	176	0.12	A	54	0.04	A	175	0.12	A	0.00	0.00	No
	SB Off	1	1,500	214	0.14	A	116	0.08	A	216	0.14	A	116	0.08	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	123	0.08	A	620	0.41	A	125	0.08	A	621	0.41	A	0.00	0.00	No
	NB Direct On	2	1,800	396	0.22	A	1,120	0.62	B	416	0.23	A	1,119	0.62	B	0.01	0.00	No
	NB Loop On	1	1,500	184	0.12	A	648	0.43	A	166	0.11	A	649	0.43	A	(0.01)	0.00	No
	SB Off	2	2,250	1,976	0.88	D	978	0.43	A	1,952	0.87	D	981	0.44	A	(0.01)	0.01	No
	NB Off	2	2,250	1,291	0.57	A	370	0.16	A	1,291	0.57	A	364	0.16	A	0.00	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	109	0.07	A	112	0.07	A	110	0.07	A	110	0.07	A	0.00	0.00	No
	SB Loop On	1	1,080	346	0.32	A	534	0.49	A	346	0.32	A	534	0.49	A	0.00	0.00	No
	NB Direct On	2	3,400	1,911	0.56	A	2,229	0.66	B	1,902	0.56	A	2,229	0.66	B	0.00	0.00	No
	NB Loop On	1	1,500	208	0.14	A	695	0.46	A	225	0.15	A	699	0.47	A	0.01	0.01	No
	SB Off	3	4,500	3,382	0.75	C	2,850	0.63	B	3,393	0.75	C	2,846	0.63	B	0.00	0.00	No
	NB Off	2	3,000	1,222	0.41	A	634	0.21	A	1,215	0.41	A	631	0.21	A	0.00	0.00	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	653	0.44	A	1,078	0.72	C	654	0.44	A	1,080	0.72	C	0.00	0.00	No
	SB Loop On	1	1,080	397	0.37	A	408	0.38	A	398	0.37	A	408	0.38	A	0.00	0.00	No
	NB On	2	1,800	1,095	0.61	B	912	0.51	A	1,095	0.61	B	912	0.51	A	0.00	0.00	No
	SB Off	2	3,000	1,761	0.59	A	2,546	0.85	D	1,761	0.59	A	2,549	0.85	D	0.00	0.00	No
	NB Off	1	1,500	982	0.65	B	748	0.50	A	982	0.65	B	748	0.50	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	311	0.29	A	496	0.46	A	312	0.29	A	496	0.46	A	0.00	0.00	No
	SB Loop On	1	1,500	656	0.44	A	865	0.58	A	656	0.44	A	853	0.57	A	0.00	(0.01)	No
	NB Direct On	1	1,500	1,176	0.78	C	963	0.64	B	1,176	0.78	C	963	0.64	B	0.00	0.00	No
	NB Loop On	1	1,500	839	0.56	A	1,130	0.75	C	875	0.58	A	1,173	0.78	C	0.02	0.03	No
	SB Off	2	2,250	1,609	0.72	C	1,198	0.53	A	1,609	0.72	C	1,157	0.51	A	0.00	(0.02)	No
	NB Off	1	1,500	950	0.63	B	1,338	0.89	D	950	0.63	B	1,326	0.88	D	0.00	(0.01)	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	419	0.39	A	599	0.55	A	419	0.39	A	599	0.55	A	0.00	0.00	No
	SB Loop On	1	1,500	708	0.47	A	565	0.38	A	717	0.48	A	551	0.37	A	0.01	(0.01)	No
	NB Direct On	1	1,500	1,458	0.97	E	995	0.66	B	1,430	0.95	E	1,004	0.67	B	(0.02)	0.01	No
	NB Loop On	1	1,500	1,406	0.94	E	1,098	0.73	C	1,443	0.96	E	1,061	0.71	C	0.02	(0.02)	No
	SB Off	2	3,000	2,152	0.72	C	2,361	0.79	C	2,129	0.71	C	2,364	0.79	C	(0.01)	0.00	No
	NB Off	1	1,500	441	0.29	A	769	0.51	A	441	0.29	A	769	0.51	A	0.00	0.00	No
I-405 at Culver Drive	SB Direct On	1	1,500	368	0.25	A	722	0.48	A	388	0.26	A	722	0.48	A	0.01	0.00	No
	SB Loop On	1	900	407	0.45	A	186	0.21	A	398	0.44	A	186	0.21	A	(0.01)	0.00	No
	NB Direct On	1	1,500	1,337	0.89	D	963	0.64	B	1,340	0.89	D	965	0.64	B	0.00	0.00	No
	NB Loop On	1	1,500	750	0.50	A	382	0.25	A	753	0.50	A	382	0.25	A	0.00	0.00	No
	SB Off	2	3,000	1,219	0.41	A	1,839	0.61	B	1,219	0.41	A	1,839	0.61	B	0.00	0.00	No
	NB Off	1	1,500	742	0.49	A	771	0.51	A	740	0.49	A	745	0.50	A	0.00	(0.01)	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,279	0.85	D	1,582	1.05	F	1,284	0.86	D	1,582	1.05	F	0.01	0.00	No
	SB Loop On	1	900	406	0.45	A	268	0.30	A	409	0.45	A	277	0.31	A	0.00	0.01	No
	NB Direct On	1	1,500	1,169	0.78	C	829	0.55	A	1,169	0.78	C	796	0.53	A	0.00	(0.02)	No
	NB Loop On	1	900	423	0.47	A	186	0.21	A	418	0.46	A	160	0.18	A	(0.01)	(0.03)	No
	SB Off	1	1,500	634	0.42	A	627	0.42	A	634	0.42	A	627	0.42	A	0.00	0.00	No
	NB Off	2	2,250	1,445	0.64	B	1,388	0.62	B	1,446	0.64	B	1,343	0.60	A	0.00	(0.02)	No

LSA

Table G: Short-Term Approved Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-405 at Sand Canyon Avenue	SB On	1	1,500	439	0.29	A	572	0.38	A	438	0.29	A	573	0.38	A	0.00	0.00	No
	NB Direct On	1	1,500	1,004	0.67	B	1,067	0.71	C	1,007	0.67	B	1,066	0.71	C	0.00	0.00	No
	NB Loop On	1	1,500	812	0.54	A	323	0.22	A	814	0.54	A	318	0.21	A	0.00	(0.01)	No
	SB Off	1	1,500	1,569	1.05	F	782	0.52	A	1,572	1.05	F	786	0.52	A	0.00	0.00	No
	NB Off	1	1,500	362	0.24	A	459	0.31	A	362	0.24	A	459	0.31	A	0.00	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	95	0.11	A	95	0.11	A	95	0.11	A	95	0.11	A	0.00	0.00	No
	SB Loop On	1	900	171	0.19	A	518	0.58	A	172	0.19	A	513	0.57	A	0.00	(0.01)	No
	NB Direct On	1	1,500	350	0.23	A	602	0.40	A	371	0.25	A	645	0.43	A	0.02	0.03	No
	NB Loop On	1	1,500	414	0.28	A	841	0.56	A	414	0.28	A	839	0.56	A	0.00	0.00	No
	SB Off	2	2,250	1,739	0.77	C	1,177	0.52	A	1,739	0.77	C	1,155	0.51	A	0.00	(0.01)	No
	NB Off	2	3,000	621	0.21	A	522	0.17	A	622	0.21	A	525	0.18	A	0.00	0.01	No
SR-133 at Irvine Boulevard	SB On	1	1,500	817	0.54	A	293	0.20	A	817	0.54	A	293	0.20	A	0.00	0.00	No
	NB Direct On	1	1,500	134	0.09	A	138	0.09	A	135	0.09	A	138	0.09	A	0.00	0.00	No
	NB Loop On	1	1,500	128	0.09	A	191	0.13	A	128	0.09	A	191	0.13	A	0.00	0.00	No
	SB Off	2	2,250	289	0.13	A	301	0.13	A	289	0.13	A	301	0.13	A	0.00	0.00	No
	NB Off	1	1,500	244	0.16	A	672	0.45	A	245	0.16	A	672	0.45	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB Off	2	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-133 at Barranca Parkway	SB Loop On	1	1,080	270	0.25	A	932	0.86	D	276	0.26	A	933	0.86	D	0.01	0.00	No
	NB Direct On	1	1,080	89	0.08	A	830	0.77	C	89	0.08	A	830	0.77	C	0.00	0.00	No
	NB Loop On	1	1,500	216	0.14	A	1,016	0.68	B	213	0.14	A	1,014	0.68	B	0.00	0.00	No
	SB Off	2	3,000	1,940	0.65	B	442	0.15	A	1,939	0.65	B	443	0.15	A	0.00	0.00	No
	NB Off	2	2,250	1,096	0.49	A	397	0.18	A	1,104	0.49	A	401	0.18	A	0.00	0.00	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	1,278	0.71	C	313	0.17	A	1,276	0.71	C	314	0.17	A	0.00	0.00	No
	NB On	1	1,500	357	0.24	A	421	0.28	A	358	0.24	A	418	0.28	A	0.00	0.00	No
	SB Off	1	1,500	631	0.42	A	596	0.40	A	634	0.42	A	595	0.40	A	0.00	0.00	No
	NB Off	1	1,500	350	0.23	A	967	0.64	B	351	0.23	A	967	0.64	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-241 at Portola Parkway (West)	SB On	1	1,500	255	0.17	A	217	0.14	A	255	0.17	A	217	0.14	A	0.00	0.00	No
	NB On	1	1,500	82	0.05	A	61	0.04	A	82	0.05	A	61	0.04	A	0.00	0.00	No
	SB Off	1	1,500	65	0.04	A	60	0.04	A	66	0.04	A	61	0.04	A	0.00	0.00	No
	NB Off	1	1,500	272	0.18	A	202	0.13	A	269	0.18	A	202	0.13	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	168	0.11	A	346	0.23	A	168	0.11	A	348	0.23	A	0.00	0.00	No
	NB On	1	1,500	445	0.30	A	485	0.32	A	425	0.28	A	485	0.32	A	(0.02)	0.00	No
	SB Off	1	1,500	634	0.42	A	378	0.25	A	632	0.42	A	377	0.25	A	0.00	0.00	No
	NB Off	2	2,250	442	0.20	A	118	0.05	A	441	0.20	A	118	0.05	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	249	0.11	A	336	0.15	A	250	0.11	A	338	0.15	A	0.00	0.00	No
	SB Off	1	1,500	414	0.28	A	293	0.20	A	415	0.28	A	293	0.20	A	0.00	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	216	0.14	A	494	0.33	A	216	0.14	A	493	0.33	A	0.00	0.00	No
	NB On	2	2,250	603	0.27	A	298	0.13	A	602	0.27	A	299	0.13	A	0.00	0.00	No
	SB Off	1	1,500	292	0.19	A	477	0.32	A	292	0.19	A	482	0.32	A	0.00	0.00	No
	NB Off	2	2,250	509	0.23	A	276	0.12	A	508	0.23	A	276	0.12	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-261 at Chapman	SB On	1	1,500	687	0.46	A	95	0.06	A	685	0.46	A	94	0.06	A	0.00	0.00	No
	NB Off	1	1,500	82	0.05	A	586	0.39	A	83	0.06	A	583	0.39	A	0.01	0.00	No
SR-261 at Portola Parkway	SB On	1	1,500	390	0.26	A	110	0.07	A	395	0.26	A	105	0.07	A	0.00	0.00	No
	NB On	1	1,500	148	0.10	A	126	0.08	A	148	0.10	A	126	0.08	A	0.00	0.00	No
	SB Off	1	1,500	131	0.09	A	103	0.07	A	131	0.09	A	103	0.07	A	0.00	0.00	No
	NB Off	1	1,500	72	0.05	A	301	0.20	A	73	0.05	A	331	0.22	A	0.00	0.02	No
SR-261 at Irvine Boulevard	SB On	1	1,500	425	0.28	A	151	0.10	A	443	0.30	A	156	0.10	A	0.02	0.00	No
	NB On	1	1,500	108	0.07	A	149	0.10	A	103	0.07	A	149	0.10	A	0.00	0.00	No
	SB Off	1	1,500	229	0.15	A	111	0.07	A	225	0.15	A	112	0.07	A	0.00	0.00	No
	NB Off	1	1,500	57	0.04	A	510	0.34	A	58	0.04	A	508	0.34	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

"--" = Not existing in the Short-Term Approved condition.

LSA

Table H: Short-Term Approved Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	14,329	1.24	F	15,408	1.33	F	14,357	1.24	F	15,386	1.33	F	0.00	0.00	No
	SB	5+1H	11,600	16,404	1.41	F	13,549	1.17	F	16,431	1.42	F	13,573	1.17	F	0.01	0.00	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	13,657	1.18	F	14,660	1.26	F	13,674	1.18	F	14,629	1.26	F	0.00	0.00	No
	SB	5+1H	11,600	16,134	1.39	F	13,315	1.15	F	16,175	1.39	F	13,338	1.15	F	0.00	0.00	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	14,371	1.24	F	15,405	1.33	F	14,406	1.24	F	15,382	1.33	F	0.00	0.00	No
	SB	5+1H	11,600	16,608	1.43	F	13,750	1.19	F	16,660	1.44	F	13,783	1.19	F	0.01	0.00	No
I-5 north of Jamboree Road	NB	5+1H	11,600	14,280	1.23	F	14,804	1.28	F	14,326	1.24	F	14,790	1.28	F	0.01	0.00	No
	SB	5+1H	11,600	15,582	1.34	F	13,420	1.16	F	15,610	1.35	F	13,445	1.16	F	0.01	0.00	No
I-5 north of Culver Drive	NB	5+1H	11,600	14,538	1.25	F	14,604	1.26	F	14,571	1.26	F	14,580	1.26	F	0.01	0.00	No
	SB	5+1H	11,600	14,844	1.28	F	13,407	1.16	F	14,841	1.28	F	13,416	1.16	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	5+1H	11,600	13,475	1.16	F	13,782	1.19	F	13,477	1.16	F	13,771	1.19	F	0.00	0.00	No
	SB	5+1H	11,600	14,029	1.21	F	12,651	1.09	F	14,029	1.21	F	12,658	1.09	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	14,108	1.22	F	13,961	1.20	F	14,094	1.22	F	13,944	1.20	F	0.00	0.00	No
	SB	5+1H	11,600	14,026	1.21	F	13,080	1.13	F	14,038	1.21	F	13,082	1.13	F	0.00	0.00	No
I-5 north of Alton Parkway	NB	4+1H	9,600	10,335	1.08	F	11,666	1.22	F	10,359	1.08	F	11,669	1.22	F	0.00	0.00	No
	SB	4+1H	9,600	11,824	1.23	F	9,912	1.03	F	11,861	1.24	F	9,912	1.03	F	0.01	0.00	No
I-5 north of I-405	NB	4+1H	9,600	10,376	1.08	F	9,358	0.97	E	10,347	1.08	F	9,353	0.97	E	0.00	0.00	No
	SB	4+1H	9,600	9,633	1.00	E	9,981	1.04	F	9,651	1.00	E	9,994	1.04	F	0.00	0.00	No
I-5 north of Bake Parkway	NB	9+2H	21,500	8,420	0.39	B	7,109	0.33	B	8,726	0.41	B	7,262	0.34	B	0.02	0.01	No
	SB	9+2H	21,500	6,918	0.32	B	7,030	0.33	B	6,929	0.32	B	6,937	0.32	B	0.00	(0.01)	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	20,332	1.04	F	15,939	0.82	D	20,295	1.04	F	15,930	0.82	D	0.00	0.00	No
	SB	8+2H	19,500	15,539	0.80	D	17,976	0.92	E	15,539	0.80	D	17,990	0.92	E	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	18,565	1.38	F	14,616	1.08	F	18,596	1.38	F	14,609	1.08	F	0.00	0.00	No
	SB	5+2H	13,500	13,913	1.03	F	16,548	1.23	F	13,911	1.03	F	16,555	1.23	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	4+1H	9,600	16,279	1.70	F	13,112	1.37	F	16,310	1.70	F	13,134	1.37	F	0.00	0.00	No
	SB	4+1H	9,600	12,379	1.29	F	14,702	1.53	F	12,379	1.29	F	14,665	1.53	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	13,988	1.46	F	11,429	1.19	F	13,998	1.46	F	11,432	1.19	F	0.00	0.00	No
	SB	4+1H	9,600	10,986	1.14	F	12,520	1.30	F	10,985	1.14	F	12,506	1.30	F	0.00	0.00	No
I-405 north of Jeffrey Road	NB	4+1H	9,600	12,560	1.31	F	11,508	1.20	F	12,584	1.31	F	11,498	1.20	F	0.00	0.00	No
	SB	4+1H	9,600	11,300	1.18	F	12,257	1.28	F	11,311	1.18	F	12,279	1.28	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	4+1H	9,600	13,397	1.40	F	12,085	1.26	F	13,413	1.40	F	12,096	1.26	F	0.00	0.00	No
	SB	4+1H	9,600	11,494	1.20	F	12,632	1.32	F	11,482	1.20	F	12,637	1.32	F	0.00	0.00	No
I-405 north of SR-133	NB	4+1H	9,600	13,257	1.38	F	11,242	1.17	F	13,265	1.38	F	11,234	1.17	F	0.00	0.00	No
	SB	4+1H	9,600	10,625	1.11	F	12,171	1.27	F	10,609	1.11	F	12,171	1.27	F	0.00	0.00	No
I-405 north of Irvine Center Drive	NB	4+1H	9,600	11,323	1.18	F	9,894	1.03	F	11,321	1.18	F	9,887	1.03	F	0.00	0.00	No
	SB	4+1H	9,600	8,991	0.94	E	10,278	1.07	F	8,976	0.94	E	10,266	1.07	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	7,809	0.81	D	5,989	0.62	C	7,828	0.82	D	5,993	0.62	C	0.01	0.00	No
	SB	4+1H	9,600	7,672	0.80	D	9,507	0.99	E	7,659	0.80	D	9,516	0.99	E	0.00	0.00	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,188	0.15	A	6,093	0.76	D	1,197	0.15	A	6,085	0.76	D	0.00	0.00	No
	SB	4	8,000	6,641	0.83	D	1,241	0.16	A	6,634	0.83	D	1,237	0.15	A	0.00	(0.01)	No
SR-133 north of Great Park Boulevard	NB	3	6,000	959	0.16	A	5,694	0.95	E	966	0.16	A	5,713	0.95	E	0.00	0.00	No
	SB	3	6,000	6,409	1.07	F	1,164	0.19	A	6,431	1.07	F	1,171	0.20	A	0.00	0.01	No
SR-133 north of I-5	NB	3	6,000	747	0.12	A	3,622	0.60	C	753	0.13	A	3,647	0.61	C	0.01	0.01	No
	SB	3	6,000	4,135	0.69	C	950	0.16	A	4,156	0.69	C	957	0.16	A	0.00	0.00	No
SR-133 south of I-5	NB	3	6,000	410	0.07	A	1,974	0.33	B	408	0.07	A	1,989	0.33	B	0.00	0.00	No
	SB	3	6,000	2,278	0.38	B	488	0.08	A	2,280	0.38	B	489	0.08	A	0.00	0.00	No
SR-133 north of I-405	NB	3	6,000	3,541	0.59	C	3,350	0.56	C	3,528	0.59	C	3,376	0.56	C	0.00	0.00	No
	SB	3	6,000	3,589	0.60	C	2,545	0.42	B	3,601	0.60	C	2,554	0.43	B	0.00	0.01	No
SR-133 south of I-405	NB	3	6,000	2,559	0.43	B	2,514	0.42	B	2,553	0.43	B	2,517	0.42	B	0.00	0.00	No
	SB	3	6,000	2,307	0.38	B	2,253	0.38	B	2,315	0.39	B	2,254	0.38	B	0.01	0.00	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	1,891	0.32	B	6,048	1.01	F	1,904	0.32	B	6,042	1.01	F	0.00	0.00	No
	SB	3	6,000	7,097	1.18	F	1,758	0.29	A	7,088	1.18	F	1,764	0.29	A	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	3	6,000	2,276	0.38	B	4,364	0.73	D	2,282	0.38	B	4,363	0.73	D	0.00	0.00	No
	SB	3	6,000	5,281	0.88	D	2,117	0.35	B	5,275	0.88	D	2,121	0.35	B	0.00	0.00	No
SR-241 north of SR-133	NB	3	6,000	2,276	0.38	B	4,364	0.73	D	2,282	0.38	B	4,363	0.73	D	0.00	0.00	No
	SB	3	6,000	5,281	0.88	D	2,117	0.35	B	5,275	0.88	D	2,121	0.35	B	0.00	0.00	No
SR-241 north of Portola Parkway	NB	4	8,000	5,149	0.64	C	2,165	0.27	A	5,144	0.64	C	2,161	0.27	A	0.00	0.00	No
	SB	4	8,000	2,702	0.34	B	4,771	0.60	C	2,701	0.34	B	4,767	0.60	C	0.00	0.00	No
SR-241 north of Alton Parkway	NB	3	6,000	5,760	0.96	E	2,534	0.42	B	5,748	0.96	E	2,538	0.42	B	0.00	0.00	No
	SB	3	6,000	3,119	0.52	C	5,024	0.84	D	3,126	0.52	C	5,012	0.84	D	0.00	0.00	No
SR-241 north of Lake Forest Drive	NB	3	6,000	6,337	1.06	F	2,320	0.39	B	6,342	1.06	F	2,322	0.39	B	0.00	0.00	No
	SB	3	6,000	2,564	0.43	B	5,445	0.91	E	2,568	0.43	B	5,436	0.91	E	0.00	0.00	No
SR-261 north of Portola Parkway	NB	2	4,000	522	0.13	A	2,740	0.69	C	532	0.13	A	2,735	0.68	C	0.00	(0.01)	No
	SB	2	4,000	3,527	0.88	D	431	0.11	A	3,516	0.88	D	437	0.11	A	0.00	0.00	No
SR-261 north of Irvine Boulevard	NB	3	6,000	369	0.06	A	2,923	0.49	B	371	0.06	A	2,965	0.49	B	0.00	0.00	No
	SB	3	6,000	3,508	0.58	C	304	0.05	A	3,508	0.58	C	303	0.05	A	0.00	0.00	No
SR-261 south of Irvine Boulevard	NB	2	4,000	545	0.14	A	3,548	0.89	D	554	0.14	A	3,593	0.90	E	0.00	0.01	No
	SB	2	4,000	3,995	1.00	E	636	0.16	A	4,009	1.00	E	654	0.16	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

Long-Range Approved Baseline and Plus Project Traffic Volumes and LOS

Peak-Hour Intersection LOS

Table I presents a summary of the intersection LOS for Long-Range Approved (Baseline and Plus Project) conditions. As this table indicates, all study area intersections are forecast to operate at satisfactory LOS in the Baseline (No Project) condition, except for the following location:

- **Intersection # 486:** SR-133 SB Ramps/Great Park Boulevard (LOS E)

With the addition of the proposed project in the Long-Range Approved condition, all study-area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersection. However, the intersection v/c ratio increase does not exceed the impact threshold at this location. Therefore, the proposed project can be implemented in a Long-Range Approved condition with no peak-hour LOS impacts at study area intersections.

Roadway Segment Volumes and LOS

The ADT volumes and v/c ratios for Long-Range Approved Baseline (No Project) are illustrated on Figures 10 and 11, respectively. The ADT volumes and v/c ratios for Long-Range Approved Plus Project are illustrated on Figures 12 and 13, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Long-Range Approved (Baseline and Plus Project) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments, except for Jeffrey Road between the I-5 NB Ramps and Roosevelt.

The peak-hour roadway segment analysis was performed for Jeffrey Road between the I-5 NB Ramps and Roosevelt. The resulting midblock peak-hour v/c ratios for this arterial roadway segment under the Long-Range Approved (Baseline and Plus Project) conditions are summarized in Table J. As Table J indicates, this arterial roadway segment is forecast to operate at acceptable LOS during the peak hours. Therefore, the proposed project can be implemented in a Long-Range Approved condition with no LOS impacts on arterial roadway segments within the study area.

LSA

Table I: Long-Range Approved Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.68	B	0.56	A	0.67	B	0.56	A	(0.01)	0.00	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.64	B	0.84	D	0.63	B	0.85	D	(0.01)	0.01	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.71	C	0.80	C	0.71	C	0.80	C	0.00	0.00	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.71	C	0.63	B	0.71	C	0.63	B	0.00	0.00	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.77	C	0.80	C	0.77	C	0.79	C	0.00	(0.01)	No
124	Jamboree Road/Portola Parkway	Tustin		0.54	A	0.62	B	0.54	A	0.62	B	0.00	0.00	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.94	E	0.81	D	0.94	E	0.81	D	0.00	0.00	No
126	Jamboree Road/Bryan Avenue	Tustin		0.71	C	0.74	C	0.72	C	0.74	C	0.01	0.00	No
127	Jamboree Road/El Camino Real	Tustin		0.78	C	0.76	C	0.79	C	0.76	C	0.01	0.00	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.84	D	0.78	C	0.85	D	0.79	C	0.01	0.01	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.79	C	0.60	A	0.79	C	0.61	B	0.00	0.01	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.65	B	0.56	A	0.66	B	0.56	A	0.01	0.00	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.36	A	0.58	A	0.36	A	0.59	A	0.00	0.01	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.45	A	0.62	B	0.45	A	0.63	B	0.00	0.01	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.37	A	0.75	C	0.37	A	0.75	C	0.00	0.00	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.78	C	0.89	D	0.78	C	0.89	D	0.00	0.00	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.51	A	0.49	A	0.49	A	0.47	A	(0.02)	(0.02)	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.29	A	0.48	A	0.29	A	0.46	A	0.00	(0.02)	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.47	A	0.50	A	0.47	A	0.50	A	0.00	0.00	No
	HCM			*10.6*	*B*	*6.3*	*A*	*10.7*	*B*	*6.3*	*A*	*0.1*	*0.0*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.40	A	0.58	A	0.40	A	0.59	A	0.00	0.01	No
	HCM			*5.8*	*A*	*12.8*	*B*	*5.8*	*A*	*13.1*	*B*	*0.0*	*0.3*	--
218	Culver Drive/Portola Parkway	Irvine		0.42	A	0.64	B	0.42	A	0.65	B	0.00	0.01	No
220	Culver Drive/Irvine Boulevard	Irvine		0.62	B	0.68	B	0.62	B	0.68	B	0.00	0.00	No
221	Culver Drive/Bryan Avenue	Irvine		0.74	C	0.67	B	0.75	C	0.67	B	0.01	0.00	No
222	Culver Drive/Trabuco Road	Irvine		0.68	B	0.79	C	0.70	B	0.80	C	0.02	0.01	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.68	B	0.60	A	0.68	B	0.60	A	0.00	0.00	No
224	Culver Drive/Walnut Avenue	Irvine		0.70	B	0.82	D	0.70	B	0.83	D	0.00	0.01	No
226	Culver Drive/Irvine Center Drive	Irvine		0.71	C	0.75	C	0.71	C	0.75	C	0.00	0.00	No
227	Culver Drive/Warner Avenue	Irvine		0.72	C	0.67	B	0.72	C	0.67	B	0.00	0.00	No
228	Culver Drive/Barranca Parkway	Irvine		0.78	C	0.85	D	0.78	C	0.85	D	0.00	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.74	C	0.70	B	0.74	C	0.70	B	0.00	0.00	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.55	A	0.67	B	0.55	A	0.67	B	0.00	0.00	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.63	B	0.68	B	0.63	B	0.67	B	0.00	(0.01)	No
235	Culver Drive/University Drive	Irvine		0.73	C	0.76	C	0.73	C	0.76	C	0.00	0.00	No
243	Yale Avenue/Portola Parkway	Irvine		0.47	A	0.54	A	0.47	A	0.54	A	0.00	0.00	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.52	A	0.73	C	0.52	A	0.75	C	0.00	0.02	No
252	Yale Avenue/Bryan Avenue	Irvine		0.35	A	0.49	A	0.36	A	0.48	A	0.01	(0.01)	No
255	Yale Avenue/Trabuco Road	Irvine		0.43	A	0.53	A	0.43	A	0.53	A	0.00	0.00	No
259	Yale Avenue/Walnut Avenue	Irvine		0.54	A	0.78	C	0.55	A	0.79	C	0.01	0.01	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.74	C	0.75	C	0.74	C	0.76	C	0.00	0.01	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.57	A	0.57	A	0.58	A	0.58	A	0.01	0.01	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.61	B	0.59	A	0.61	B	0.59	A	0.00	0.00	No
268	W. Yale Loop/Alton Parkway	Irvine		0.56	A	0.67	B	0.56	A	0.67	B	0.00	0.00	No
271	E. Yale Loop/Alton Parkway	Irvine		0.73	C	0.63	B	0.72	C	0.63	B	(0.01)	0.00	No
282	Jeffrey Road/Portola Parkway	Irvine		0.56	A	0.56	A	0.73	C	0.67	B	0.17	0.11	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.51	A	0.58	A	0.53	A	0.63	B	0.02	0.05	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.51	A	0.53	A	0.51	A	0.55	A	0.00	0.02	No
285	Jeffrey Road/Trabuco Road	Irvine		0.44	A	0.62	B	0.45	A	0.63	B	0.01	0.01	No
286	Jeffrey Road/Roosevelt	Irvine		0.84	D	0.68	B	0.86	D	0.69	B	0.02	0.01	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.72	C	0.78	C	0.73	C	0.80	C	0.01	0.02	No
	HCM			*18.5*	*B*	*23.8*	*C*	*18.8*	*B*	*24.1*	*C*	*0.3*	*0.3*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.78	C	0.81	D	0.79	C	0.81	D	0.01	0.00	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.72	C	0.72	C	0.72	C	0.72	C	0.00	0.00	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.81	D	0.79	C	0.81	D	0.80	C	0.00	0.01	No
291	Jeffrey Road/Alton Parkway	Irvine		0.87	D	0.81	D	0.87	D	0.82	D	0.00	0.01	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.81	D	0.68	B	0.81	D	0.68	B	0.00	0.00	No
	HCM			*20.5*	*C*	*12.8*	*B*	*20.8*	*C*	*13.0*	*B*	*0.3*	*0.2*	--
294	University Drive/I-405 SB Ramps	Irvine		0.67	B	0.55	A	0.66	B	0.56	A	(0.01)	0.01	No
	HCM			*6.9*	*A*	*6.0*	*A*	*6.9*	*A*	*5.9*	*A*	*0.0*	*(0.1)*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.38	A	0.46	A	0.39	A	0.48	A	0.01	0.02	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.52	A	0.58	A	0.53	A	0.61	B	0.01	0.03	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.56	A	0.56	A	0.56	A	0.57	A	0.00	0.01	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.80	C	0.76	C	0.80	C	0.76	C	0.00	0.00	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.64	B	0.74	C	0.64	B	0.74	C	0.00	0.00	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.70	B	0.76	C	0.70	B	0.76	C	0.00	0.00	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.53	A	0.44	A	0.54	A	0.44	A	0.01	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.55	A	0.56	A	0.56	A	0.55	A	0.01	(0.01)	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.54	A	0.57	A	0.54	A	0.56	A	0.00	(0.01)	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.63	B	0.69	B	0.63	B	0.70	B	0.00	0.01	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.56	A	0.37	A	0.56	A	0.37	A	0.00	0.00	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.89	D	0.46	A	0.89	D	0.46	A	0.00	0.00	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.35	A	0.44	A	0.36	A	0.45	A	0.01	0.01	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.38	A	0.44	A	0.38	A	0.45	A	0.00	0.01	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.69	B	0.56	A	0.70	B	0.57	A	0.01	0.01	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.49	A	0.62	B	0.49	A	0.62	B	0.00	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.55	A	0.68	B	0.55	A	0.69	B	0.00	0.01	No
318	Banting/Barranca Parkway	Irvine		0.73	C	0.47	A	0.72	C	0.46	A	(0.01)	(0.01)	No
319	Banting/Alton Parkway	Irvine		0.65	B	0.47	A	0.65	B	0.47	A	0.00	0.00	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.82	D	0.68	B	0.82	D	0.68	B	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.80	C	0.66	B	0.80	C	0.66	B	0.00	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.37	A	0.40	A	0.37	A	0.40	A	0.00	0.00	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.16	A	0.12	A	0.16	A	0.12	A	0.00	0.00	No

LSA

Table I: Long-Range Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.17	A	0.24	A	0.17	A	0.23	A	0.00	(0.01)	No
326	Ada/Barranca Parkway	Irvine		0.45	A	0.53	A	0.46	A	0.53	A	0.01	0.00	No
327	Barranca Parkway/Technology	Irvine		0.49	A	0.68	B	0.49	A	0.68	B	0.00	0.00	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.56	A	0.46	A	0.56	A	0.46	A	0.00	0.00	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.65	B	0.65	B	0.65	B	0.63	B	0.00	(0.02)	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.50	A	0.67	B	0.50	A	0.67	B	0.00	0.00	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.49	A	0.57	A	0.49	A	0.57	A	0.00	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.47	A	0.28	A	0.46	A	0.28	A	(0.01)	0.00	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.45	A	0.40	A	0.45	A	0.41	A	0.00	0.01	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.63	B	0.56	A	0.64	B	0.56	A	0.01	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.57	A	0.49	A	0.57	A	0.49	A	0.00	0.00	No
340	Alton Parkway/Jeronimo Road	Irvine		0.49	A	0.46	A	0.49	A	0.46	A	0.00	0.00	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.53	A	0.59	A	0.53	A	0.59	A	0.00	0.00	No
342	Technology Drive E./Alton Parkway	Irvine		0.47	A	0.55	A	0.47	A	0.54	A	0.00	(0.01)	No
343	Alton Parkway/Ada	Irvine		0.42	A	0.46	A	0.42	A	0.46	A	0.00	0.00	No
344	Alton Parkway/Technology Drive W.	Irvine		0.60	A	0.76	C	0.59	A	0.75	C	(0.01)	(0.01)	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.71	C	0.47	A	0.71	C	0.46	A	0.00	(0.01)	No
	HCM			*13.8*	*B*	*5.7*	*A*	*13.7*	*B*	*5.7*	*A*	*(0.1)*	*0.0*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.65	B	0.67	B	0.65	B	0.67	B	0.00	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.51	A	0.60	A	0.52	A	0.60	A	0.01	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.62	B	0.53	A	0.61	B	0.54	A	(0.01)	0.01	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.46	A	0.62	B	0.46	A	0.62	B	0.00	0.00	No
	HCM			*17.6*	*B*	*29.7*	*C*	*17.7*	*B*	*29.9*	*C*	*0.1*	*0.2*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.48	A	0.82	D	0.49	A	0.81	D	0.01	(0.01)	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.42	A	0.46	A	0.43	A	0.46	A	0.01	0.00	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.47	A	0.55	A	0.47	A	0.55	A	0.00	0.00	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.45	A	0.50	A	0.45	A	0.49	A	0.00	(0.01)	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.49	A	0.56	A	0.49	A	0.56	A	0.00	0.00	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.70	B	0.79	C	0.70	B	0.81	D	0.00	0.02	No
363	Bake Parkway/Toledo Way	Irvine		0.68	B	0.59	A	0.68	B	0.60	A	0.00	0.01	No
364	Bake Parkway/Jeronimo Road	Irvine		0.78	C	0.86	D	0.79	C	0.86	D	0.01	0.00	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.62	B	0.78	C	0.62	B	0.78	C	0.00	0.00	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.66	B	0.79	C	0.66	B	0.79	C	0.00	0.00	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.75	C	0.65	B	0.75	C	0.64	B	0.00	(0.01)	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.78	C	0.86	D	0.78	C	0.86	D	0.00	0.00	No
371	Bake Parkway/Research Drive	Irvine		0.45	A	0.70	B	0.45	A	0.70	B	0.00	0.00	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.39	A	0.48	A	0.39	A	0.48	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.27	A	0.33	A	0.26	A	0.33	A	(0.01)	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.46	A	0.60	A	0.47	A	0.60	A	0.01	0.00	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.46	A	0.42	A	0.46	A	0.42	A	0.00	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.61	B	0.62	B	0.62	B	0.61	B	0.01	(0.01)	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.55	A	0.58	A	0.54	A	0.59	A	(0.01)	0.01	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.72	C	0.71	C	0.72	C	0.69	B	0.00	(0.02)	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.55	A	0.72	C	0.54	A	0.73	C	(0.01)	0.01	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.61	B	0.67	B	0.60	A	0.67	B	(0.01)	0.00	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.43	A	0.66	B	0.43	A	0.66	B	0.00	0.00	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.65	B	0.80	C	0.65	B	0.80	C	0.00	0.00	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.61	B	0.82	D	0.62	B	0.82	D	0.01	0.00	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.46	A	0.60	A	0.45	A	0.60	A	(0.01)	0.00	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.39	A	0.47	A	0.39	A	0.47	A	0.00	0.00	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.29	A	0.65	B	0.29	A	0.65	B	0.00	0.00	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.42	A	0.65	B	0.42	A	0.66	B	0.00	0.01	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.49	A	0.51	A	0.49	A	0.51	A	0.00	0.00	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.55	A	0.74	C	0.54	A	0.74	C	(0.01)	0.00	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.65	B	0.76	C	0.65	B	0.77	C	0.00	0.01	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.61	B	0.66	B	0.62	B	0.66	B	0.01	0.00	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.56	A	0.71	C	0.56	A	0.71	C	0.00	0.00	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.62	B	0.68	B	0.63	B	0.69	B	0.01	0.01	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.52	A	0.58	A	0.52	A	0.57	A	0.00	(0.01)	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.72	C	0.81	D	0.72	C	0.81	D	0.00	0.00	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.57	A	0.62	B	0.57	A	0.62	B	0.00	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.69	B	0.69	B	0.68	B	0.69	B	(0.01)	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.46	A	0.65	B	0.46	A	0.66	B	0.00	0.01	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.56	A	0.67	B	0.56	A	0.68	B	0.00	0.01	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
404	SR-241 SB Ramps/Jeffrey Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
	HCM			--	--	--	--	--	--	--	--	--	--	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.69	B	0.54	A	0.69	B	0.54	A	0.00	0.00	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.72	C	0.64	B	0.72	C	0.64	B	0.00	0.00	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.57	A	0.75	C	0.56	A	0.74	C	(0.01)	(0.01)	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.36	A	0.43	A	0.36	A	0.43	A	0.00	0.00	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.45	A	0.53	A	0.46	A	0.53	A	0.01	0.00	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.39	A	0.34	A	0.38	A	0.34	A	(0.01)	0.00	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.56	A	0.53	A	0.56	A	0.53	A	0.00	0.00	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.51	A	0.64	B	0.51	A	0.64	B	0.00	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.39	A	0.39	A	0.39	A	0.38	A	0.00	(0.01)	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.77	C	0.71	C	0.77	C	0.71	C	0.00	0.00	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.70	B	0.67	B	0.69	B	0.67	B	(0.01)	0.00	No
419	El Toro Road/Toledo Way	Lake Forest		0.59	A	0.51	A	0.59	A	0.51	A	0.00	0.00	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.75	C	0.77	C	0.76	C	0.76	C	0.01	(0.01)	No

LSA

Table I: Long-Range Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.74	C	0.66	B	0.75	C	0.66	B	0.01	0.00	No
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.68	B	0.72	C	0.68	B	0.72	C	0.00	0.00	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.70	B	0.74	C	0.70	B	0.73	C	0.00	(0.01)	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.71	C	0.62	B	0.71	C	0.61	B	0.00	(0.01)	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.44	A	0.48	A	0.43	A	0.47	A	(0.01)	(0.01)	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.48	A	0.46	A	0.46	A	0.45	A	(0.02)	(0.01)	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.58	A	0.64	B	0.57	A	0.64	B	(0.01)	0.00	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.64	B	0.65	B	0.65	B	0.64	B	0.01	(0.01)	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.67	B	0.71	C	0.66	B	0.71	C	(0.01)	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.70	B	0.60	A	0.71	C	0.61	B	0.01	0.01	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.82	D	0.74	C	0.80	C	0.74	C	(0.02)	0.00	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.84	D	0.77	C	0.83	D	0.77	C	(0.01)	0.00	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.57	A	0.72	C	0.57	A	0.72	C	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.82	D	0.82	D	0.82	D	0.82	D	0.00	0.00	No
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.66	B	0.63	B	0.65	B	0.62	B	(0.01)	(0.01)	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.64	B	0.76	C	0.64	B	0.77	C	0.00	0.01	No
437	Scientific Way/Irvine Center Drive	Irvine		0.35	A	0.39	A	0.35	A	0.39	A	0.00	0.00	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.37	A	0.37	A	0.37	A	0.36	A	0.00	(0.01)	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.56	A	0.71	C	0.58	A	0.71	C	0.02	0.00	No
	HCM			*31.3*	*C*	*62.7*	*E*	*31.6*	*C*	*62.3*	*E*	*0.3*	*(0.4)*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.67	B	0.52	A	0.67	B	0.52	A	0.00	0.00	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.58	A	0.68	B	0.60	A	0.68	B	0.02	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		--	--	--	--	--	--	--	--	--	--	--
463	Jamboree Road/Chapman Avenue	Orange		0.71	C	0.72	C	0.71	C	0.72	C	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.57	A	0.90	D	0.56	A	0.90	D	(0.01)	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.35	A	0.86	D	0.35	A	0.86	D	0.00	0.00	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.37	A	0.60	A	0.37	A	0.60	A	0.00	0.00	No
468	Jamboree Road/Canyon View Avenue	Orange		0.56	A	0.50	A	0.57	A	0.50	A	0.01	0.00	No
469	Jamboree Road/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
470	SR-261 SB Ramps/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
471	SR-261 NB Ramps/Handy Creek Road	Orange		--	--	--	--	--	--	--	--	--	--	--
477	El Camino Real N./Bryan Avenue	Irvine		0.23	A	0.50	A	0.23	A	0.50	A	0.00	0.00	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.35	A	0.56	A	0.35	A	0.57	A	0.00	0.01	No
482	Visions/Trabuco Road	Irvine		0.37	A	0.27	A	0.36	A	0.27	A	(0.01)	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.44	A	0.41	A	0.44	A	0.41	A	0.00	0.00	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.55	A	0.40	A	0.55	A	0.40	A	0.00	0.00	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		0.98	E	0.62	B	0.98	E	0.62	B	0.00	0.00	No
	HCM			*150+*	*F*	*24.3*	*C*	*150+*	*F*	*25.1*	*C*	--	*0.8*	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		0.56	A	0.81	D	0.57	A	0.81	D	0.01	0.00	No
	HCM			*28.1*	*C*	*80.5*	*F*	*29.6*	*C*	*84.7*	*F*	*1.5*	*4.2*	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.63	B	0.47	A	0.63	B	0.47	A	0.00	0.00	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.50	A	0.64	B	0.51	A	0.64	B	0.01	0.00	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.68	B	0.89	D	0.68	B	0.89	D	0.00	0.00	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.43	A	0.53	A	0.43	A	0.53	A	0.00	0.00	No
518	Alton Parkway/Commercentre	Lake Forest		0.54	A	0.63	B	0.55	A	0.63	B	0.01	0.00	No
520	Keystone/Trabuco Road	Irvine		0.47	A	0.32	A	0.48	A	0.31	A	0.01	(0.01)	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.58	A	0.56	A	0.58	A	0.56	A	0.00	0.00	No
556	Ridge Valley/Portola Parkway	Irvine		0.36	A	0.28	A	0.36	A	0.27	A	0.00	(0.01)	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.50	A	0.58	A	0.50	A	0.59	A	0.00	0.01	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.41	A	0.57	A	0.41	A	0.56	A	0.00	(0.01)	No
560	Ridge Valley/Marine Way	Irvine		0.59	A	0.62	B	0.59	A	0.62	B	0.00	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.58	A	0.54	A	0.58	A	0.54	A	0.00	0.00	No
562	Skyhawk/Marine Way	Irvine		0.68	B	0.74	C	0.68	B	0.74	C	0.00	0.00	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.41	A	0.52	A	0.41	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		0.51	A	0.54	A	0.51	A	0.55	A	0.00	0.01	No
566	Marine Way/Barranca Parkway	Irvine		0.53	A	0.86	D	0.53	A	0.86	D	0.00	0.00	No
567	Marine Way/Alton Parkway	Irvine		0.57	A	0.54	A	0.58	A	0.54	A	0.01	0.00	No
568	Ada/Marine Way	Irvine		0.37	A	0.35	A	0.37	A	0.35	A	0.00	0.00	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.98	E	0.96	E	0.98	E	0.96	E	0.00	0.00	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.29	A	0.35	A	0.29	A	0.01	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.55	A	0.57	A	0.55	A	0.57	A	0.00	0.00	No
575	Ridge Valley/Hornet - Decora	Irvine		0.24	A	0.41	A	0.24	A	0.41	A	0.00	0.00	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.22	A	0.35	A	0.22	A	0.35	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.51	A	0.52	A	0.52	A	0.52	A	0.01	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.42	A	0.50	A	0.40	A	0.00	(0.02)	No
581	Lynx/Irvine Boulevard	Irvine		0.65	B	0.53	A	0.65	B	0.53	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.43	A	0.56	A	0.45	A	0.57	A	0.02	0.01	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.89	D	0.64	B	0.90	D	0.64	B	0.01	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.30	A	0.49	A	0.30	A	0.49	A	0.00	0.00	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.37	A	0.27	A	0.37	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*9.2*	*A*	*16.3*	*C*	*9.2*	*A*	*16.3*	*C*	*0.0*	*0.0*	--
655	Ridge Valley/Corsair	Irvine		0.28	A	0.34	A	0.28	A	0.34	A	0.00	0.00	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

"--" = Not existing in the Long-Range Approved condition.

[1] It is a roundabout.

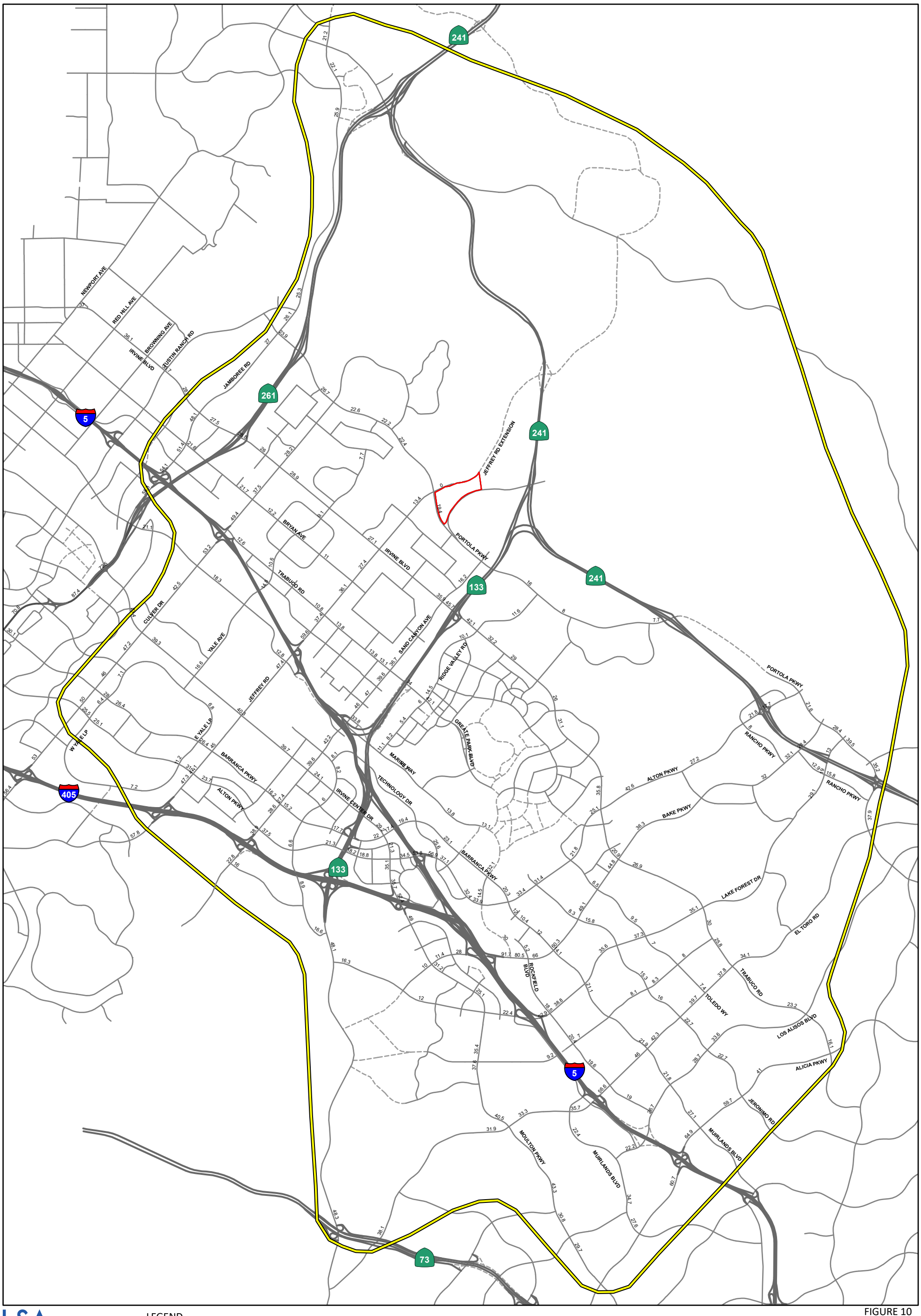

FIGURE 10

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Irvine Gateway Village

Long-Range Approved Baseline ADT Volumes

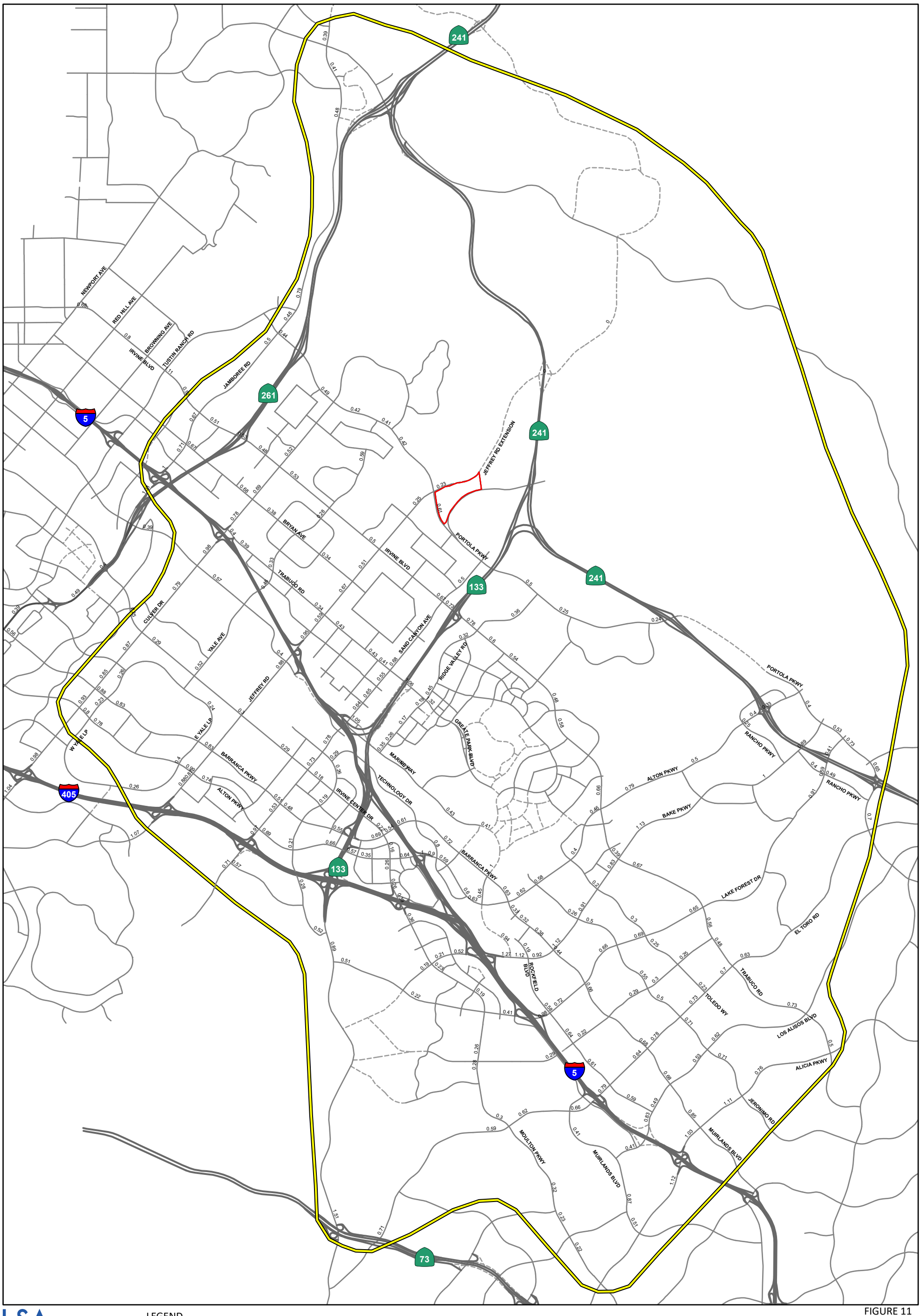

FIGURE 11

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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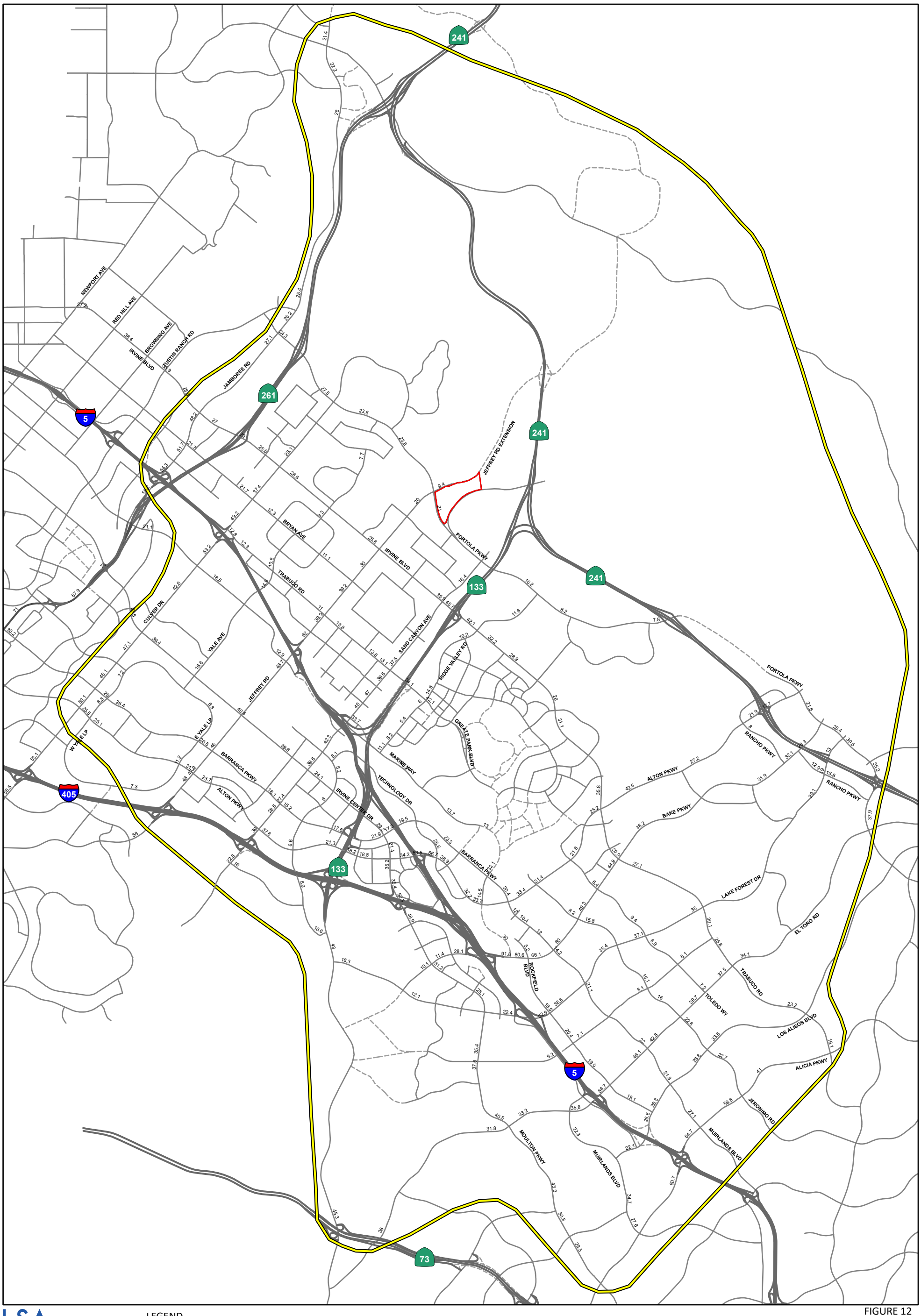
Irvine Gateway Village

Long-Range Approved Baseline ADT V/C Ratios



LSA

FIGURE 12

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

Irvine Gateway Village

Long-Range Approved Plus Project ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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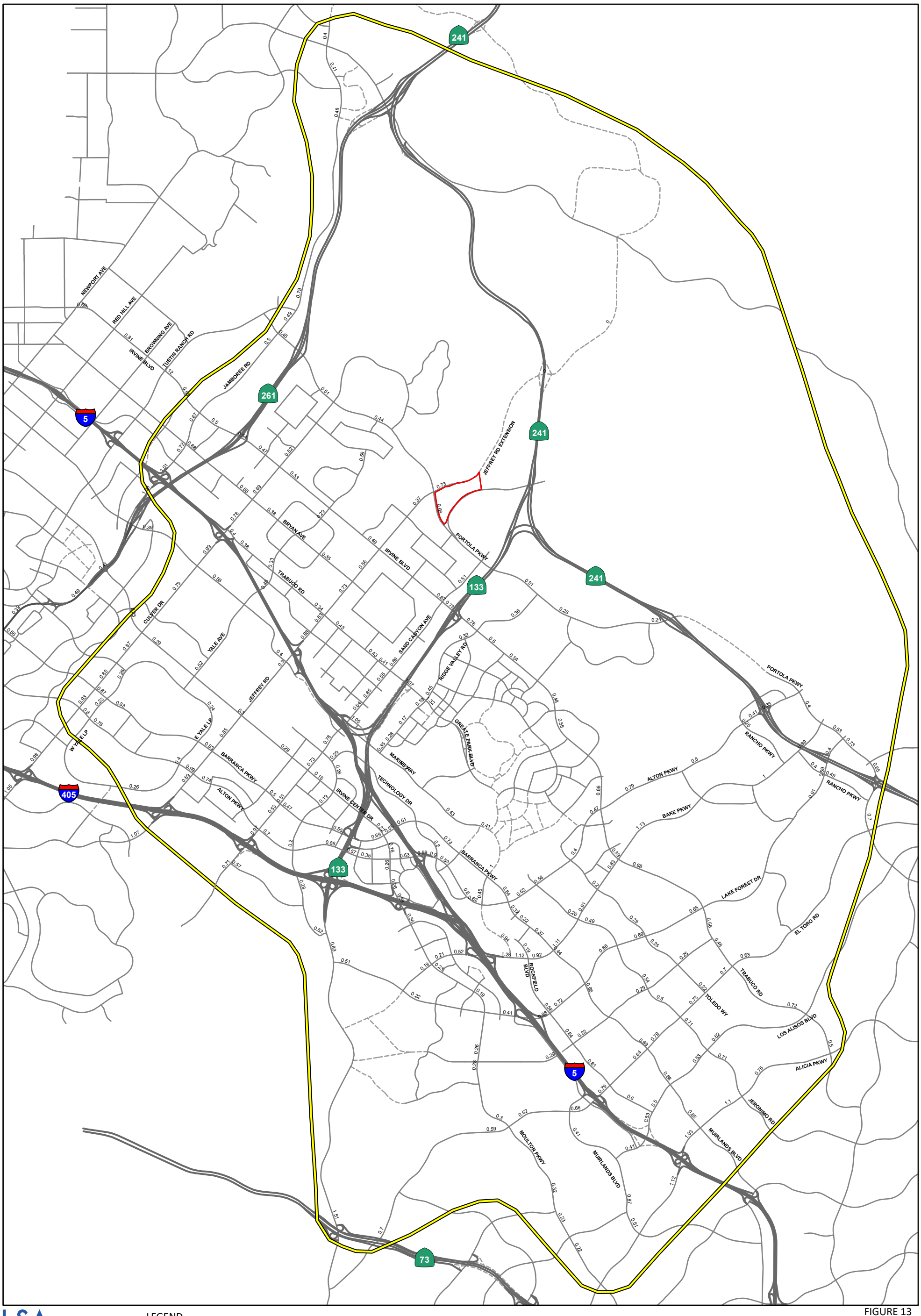

FIGURE 13

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

Irvine Gateway Village

Long-Range Approved Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Table J: Long-Range Approved Arterial Roadway Peak Hour Link Analysis Summary

Roadway Segment	Peak Hour	Direction	Peak-Hour Capacity (Vehicles/Hour)	Baseline			Plus Project			Δ v/c Ratio	Significant LOS Impact?
				Volume	v/c	LOS	Volume	v/c	LOS		
Jeffrey Road (Roosevelt to I-5 NB Ramps)	AM	NB	4,800	928	0.19	A	928	0.19	A	0.00	No
		SB	4,800	2,993	0.62	B	3,033	0.63	B	0.01	No
	PM	NB	4,800	3,266	0.68	B	3,339	0.70	B	0.02	No
		SB	4,800	1,592	0.33	A	1,609	0.34	A	0.01	No

Source: Compiled by LSA (2024).
Δ = change
I-5 = Interstate 5
LOS = level of service
NB = northbound
SB = southbound
v/c = volume-to-capacity ratio

Peak-Hour Freeway/Tollway Ramp LOS

A summary of freeway/tollway ramp LOS for Long-Range Approved (Baseline and Plus Project) is presented in Table K.

Based on the v/c performance criteria discussed above, several freeway/tollway ramps in the study area are forecast to operate deficiently in the Long-Range Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those ramp locations, except for the I-5 SB on-ramp at Jeffrey Road with the v/c ratio increase of 0.02 in the a.m. peak hour. Therefore, the implementation of the proposed project will result in an LOS impact at the I-5 SB on-ramp at Jeffrey Road.

The conversion of the HOV preferential on-ramp to a second metered mixed-flow lane at the I-5 SB on-ramp at Jeffrey Road will increase the on-ramp capacity and reduce the project's LOS impact. This is also identified as a "partially funded" NITM improvement. As such, the project will participate in the implementation of this proposed mitigation improvement on a fair-share basis to mitigate its impact utilizing the methodology applied in the NITM program for determining fair share. The fair share calculation is based on the project's proportion of the forecasted Long-Range Approved peak-hour volume ([plus project peak-hour volume - baseline peak-hour volume]/plus project peak-hour volume). As shown in Table K, the Long-Range Approved Baseline a.m. peak-hour volume at this ramp is 1,218 and the Long-Range Approved Plus Project a.m. peak-hour volume at this ramp is 1,238, which results in a 1.62 percent fair share contribution.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Long-Range Approved (Baseline and Plus Project) is presented in Table L.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Long-Range Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the proposed project can be implemented in a Long-Range Approved condition with no peak-hour LOS impacts on freeway/tollway mainline segments in the study area.

LSA

Table K: Long-Range Approved Freeway/Tollway Ramp LOS Summary

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 at Jamboree Road	SB Direct On	1	1,500	375	0.25	A	1,267	0.84	D	376	0.25	A	1,267	0.84	D	0.00	0.00	No
	SB Loop On	1	1,080	850	0.79	C	516	0.48	A	840	0.78	C	515	0.48	A	(0.01)	0.00	No
	NB Direct On	1	1,080	851	0.79	C	365	0.34	A	851	0.79	C	368	0.34	A	0.00	0.00	No
	NB Loop On	1	1,080	476	0.44	A	344	0.32	A	523	0.48	A	358	0.33	A	0.04	0.01	No
	SB Off	2	3,000	1,422	0.47	A	1,213	0.40	A	1,422	0.47	A	1,227	0.41	A	0.00	0.01	No
	NB Off	1	1,500	1,448	0.97	E	1,499	1.00	E	1,454	0.97	E	1,501	1.00	E	0.00	0.00	No
I-5 at Culver Drive	SB Direct On	1	900	429	0.48	A	471	0.52	A	426	0.47	A	471	0.52	A	(0.01)	0.00	No
	SB Loop On	1	900	722	0.80	C	372	0.41	A	725	0.81	D	371	0.41	A	0.01	0.00	No
	NB Direct On	1	900	754	0.84	D	296	0.33	A	782	0.87	D	296	0.33	A	0.03	0.00	No
	NB Loop On	1	1,500	1,012	0.67	B	524	0.35	A	1,012	0.67	B	525	0.35	A	0.00	0.00	No
	SB Off	2	2,250	1,297	0.58	A	1,850	0.82	D	1,299	0.58	A	1,849	0.82	D	0.00	0.00	No
	NB Off	1	1,500	636	0.42	A	989	0.66	B	635	0.42	A	992	0.66	B	0.00	0.00	No
I-5 at Jeffrey Road	SB On	1	1,080	1,218	1.13	F	1,430	1.32	F	1,238	1.15	F	1,427	1.32	F	0.02	0.00	Yes
	NB Direct On	1	1,080	790	0.73	C	385	0.36	A	795	0.74	C	432	0.40	A	0.01	0.04	No
	NB Loop On	1	1,500	298	0.20	A	499	0.33	A	313	0.21	A	478	0.32	A	0.01	(0.01)	No
	SB Off	1	1,500	553	0.37	A	923	0.62	B	553	0.37	A	924	0.62	B	0.00	0.00	No
	NB Off	2	2,250	1,187	0.53	A	1,503	0.67	B	1,188	0.53	A	1,506	0.67	B	0.00	0.00	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	794	0.53	A	822	0.55	A	795	0.53	A	821	0.55	A	0.00	0.00	No
	NB On	1	1,500	879	0.59	A	928	0.62	B	880	0.59	A	929	0.62	B	0.00	0.00	No
	SB Off	2	2,250	1,096	0.49	A	1,217	0.54	A	1,100	0.49	A	1,217	0.54	A	0.00	0.00	No
	NB Off	2	2,250	818	0.36	A	1,455	0.65	B	819	0.36	A	1,457	0.65	B	0.00	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	56	0.04	A	218	0.15	A	56	0.04	A	219	0.15	A	0.00	0.00	No
	SB Off	1	1,500	279	0.19	A	121	0.08	A	280	0.19	A	122	0.08	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	123	0.08	A	642	0.43	A	123	0.08	A	644	0.43	A	0.00	0.00	No
	NB Direct On	2	1,800	415	0.23	A	1,233	0.69	B	415	0.23	A	1,232	0.68	B	0.00	(0.01)	No
	NB Loop On	1	1,500	233	0.16	A	724	0.48	A	235	0.16	A	723	0.48	A	0.00	0.00	No
	SB Off	2	2,250	2,043	0.91	E	1,182	0.53	A	2,042	0.91	E	1,187	0.53	A	0.00	0.00	No
	NB Off	2	2,250	1,230	0.55	A	342	0.15	A	1,214	0.54	A	342	0.15	A	(0.01)	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	101	0.07	A	92	0.06	A	101	0.07	A	73	0.05	A	0.00	(0.01)	No
	SB Loop On	1	1,080	362	0.34	A	560	0.52	A	362	0.34	A	560	0.52	A	0.00	0.00	No
	NB Direct On	2	3,400	1,993	0.59	A	2,335	0.69	B	2,050	0.60	A	2,341	0.69	B	0.01	0.00	No
	NB Loop On	1	1,500	218	0.15	A	728	0.49	A	218	0.15	A	728	0.49	A	0.00	0.00	No
	SB Off	3	4,500	3,555	0.79	C	2,818	0.63	B	3,564	0.79	C	2,831	0.63	B	0.00	0.00	No
	NB Off	2	3,000	1,261	0.42	A	735	0.25	A	1,256	0.42	A	732	0.24	A	0.00	(0.01)	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	651	0.43	A	1,119	0.75	C	653	0.44	A	1,135	0.76	C	0.01	0.01	No
	SB Loop On	1	1,080	416	0.39	A	428	0.40	A	417	0.39	A	428	0.40	A	0.00	0.00	No
	NB On	2	1,800	1,147	0.64	B	889	0.49	A	1,147	0.64	B	889	0.49	A	0.00	0.00	No
	SB Off	2	3,000	1,845	0.61	B	2,524	0.84	D	1,845	0.61	B	2,528	0.84	D	0.00	0.00	No
	NB Off	1	1,500	966	0.64	B	783	0.52	A	967	0.64	B	784	0.52	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	326	0.30	A	519	0.48	A	326	0.30	A	519	0.48	A	0.00	0.00	No
	SB Loop On	1	1,500	748	0.50	A	953	0.64	B	742	0.49	A	955	0.64	B	(0.01)	0.00	No
	NB Direct On	1	1,500	1,157	0.77	C	872	0.58	A	1,227	0.82	D	883	0.59	A	0.05	0.01	No
	NB Loop On	1	1,500	840	0.56	A	1,089	0.73	C	807	0.54	A	1,093	0.73	C	(0.02)	0.00	No
	SB Off	2	2,250	1,580	0.70	B	1,203	0.53	A	1,585	0.70	B	1,203	0.53	A	0.00	0.00	No
	NB Off	1	1,500	1,215	0.81	D	1,338	0.89	D	1,215	0.81	D	1,337	0.89	D	0.00	0.00	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	439	0.41	A	627	0.58	A	439	0.41	A	627	0.58	A	0.00	0.00	No
	SB Loop On	1	1,500	819	0.55	A	861	0.57	A	758	0.51	A	872	0.58	A	(0.04)	0.01	No
	NB Direct On	1	1,500	1,460	0.97	E	894	0.60	A	1,444	0.96	E	895	0.60	A	(0.01)	0.00	No
	NB Loop On	1	1,500	1,519	1.01	F	1,144	0.76	C	1,494	1.00	E	1,177	0.78	C	(0.01)	0.02	No
	SB Off	2	3,000	2,112	0.70	B	2,452	0.82	D	2,114	0.70	B	2,431	0.81	D	0.00	(0.01)	No
	NB Off	1	1,500	572	0.38	A	987	0.66	B	579	0.39	A	988	0.66	B	0.01	0.00	No
I-405 at Culver Drive	SB Direct On	1	1,500	428	0.29	A	877	0.58	A	429	0.29	A	880	0.59	A	0.00	0.01	No
	SB Loop On	1	900	383	0.43	A	195	0.22	A	378	0.42	A	195	0.22	A	(0.01)	0.00	No
	NB Direct On	1	1,500	1,400	0.93	E	962	0.64	B	1,402	0.93	E	963	0.64	B	0.00	0.00	No
	NB Loop On	1	1,500	824	0.55	A	400	0.27	A	826	0.55	A	402	0.27	A	0.00	0.00	No
	SB Off	2	3,000	1,277	0.43	A	1,926	0.64	B	1,277	0.43	A	1,926	0.64	B	0.00	0.00	No
	NB Off	1	1,500	830	0.55	A	753	0.50	A	828	0.55	A	752	0.50	A	0.00	0.00	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,327	0.88	D	1,658	1.11	F	1,326	0.88	D	1,658	1.11	F	0.00	0.00	No
	SB Loop On	1	900	393	0.44	A	290	0.32	A	393	0.44	A	290	0.32	A	0.00	0.00	No
	NB Direct On	1	1,500	1,224	0.82	D	807	0.54	A	1,238	0.83	D	816	0.54	A	0.01	0.00	No
	NB Loop On	1	900	414	0.46	A	155	0.17	A	412	0.46	A	157	0.17	A	0.00	0.00	No
	SB Off	1	1,500	664	0.44	A	657	0.44	A	664	0.44	A	657	0.44	A	0.00	0.00	No
	NB Off	2	2,250	1,572	0.70	B	1,387	0.62	B	1,568	0.70	B	1,388	0.62	B	0.00	0.00	No

LSA

Table K: Long-Range Approved Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-405 at Sand Canyon Avenue	SB Direct On	1	1,500	67	0.28	A	475	0.40	A	66	0.28	A	482	0.40	A	0.00	0.00	No
	SB Loop On	1	1,500	413	0.28	A	600	0.40	A	415	0.28	A	600	0.40	A	0.00	0.00	No
	NB Direct On	1	1,500	1,017	0.68	B	1,117	0.74	C	1,016	0.68	B	1,134	0.76	C	0.00	0.02	No
	NB Loop On	1	1,500	812	0.54	A	351	0.23	A	810	0.54	A	352	0.23	A	0.00	0.00	No
	SB Off	1	1,500	1,686	1.12	F	771	0.51	A	1,685	1.12	F	779	0.52	A	0.00	0.01	No
	NB Off	1	1,500	380	0.25	A	459	0.31	A	383	0.26	A	459	0.31	A	0.01	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	99	0.11	A	99	0.11	A	99	0.11	A	100	0.11	A	0.00	0.00	No
	SB Loop On	1	900	194	0.22	A	570	0.63	B	193	0.21	A	573	0.64	B	(0.01)	0.01	No
	NB Direct On	1	1,500	366	0.24	A	630	0.42	A	367	0.24	A	630	0.42	A	0.00	0.00	No
	NB Loop On	1	1,500	433	0.29	A	890	0.59	A	436	0.29	A	889	0.59	A	0.00	0.00	No
	SB Off	2	2,250	1,828	0.81	D	1,244	0.55	A	1,811	0.80	C	1,251	0.56	A	(0.01)	0.01	No
	NB Off	2	3,000	696	0.23	A	526	0.18	A	696	0.23	A	526	0.18	A	0.00	0.00	No
SR-133 at Irvine Boulevard	SB On	1	1,500	856	0.57	A	295	0.20	A	856	0.57	A	295	0.20	A	0.00	0.00	No
	NB Direct On	1	1,500	141	0.09	A	155	0.10	A	141	0.09	A	155	0.10	A	0.00	0.00	No
	NB Loop On	1	1,500	134	0.09	A	200	0.13	A	134	0.09	A	200	0.13	A	0.00	0.00	No
	SB Off	2	2,250	303	0.13	A	479	0.21	A	303	0.13	A	480	0.21	A	0.00	0.00	No
	NB Off	1	1,500	255	0.17	A	666	0.44	A	255	0.17	A	665	0.44	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	1,995	0.67	B	1,289	0.43	A	2,006	0.67	B	1,307	0.44	A	0.00	0.01	No
	NB On	1	1,500	149	0.10	A	981	0.65	B	149	0.10	A	1,002	0.67	B	0.00	0.02	No
	SB Off	1	1,500	1,633	1.09	F	292	0.19	A	1,606	1.07	F	281	0.19	A	(0.02)	0.00	No
	NB Off	2	3,000	1,439	0.48	A	1,824	0.61	B	1,457	0.49	A	1,853	0.62	B	0.01	0.01	No
SR-133 at Barranca Parkway	SB Loop On	1	1,080	155	0.14	A	939	0.87	D	155	0.14	A	938	0.87	D	0.00	0.00	No
	NB Direct On	1	1,080	94	0.09	A	871	0.81	D	95	0.09	A	877	0.81	D	0.00	0.00	No
	NB Loop On	1	1,500	236	0.16	A	1,066	0.71	C	234	0.16	A	1,072	0.71	C	0.00	0.00	No
	SB Off	2	3,000	2,004	0.67	B	453	0.15	A	2,009	0.67	B	455	0.15	A	0.00	0.00	No
	NB Off	2	2,250	1,176	0.52	A	416	0.18	A	1,176	0.52	A	416	0.18	A	0.00	0.00	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	1,436	0.80	C	366	0.20	A	1,432	0.80	C	369	0.21	A	0.00	0.01	No
	NB On	1	1,500	241	0.16	A	434	0.29	A	240	0.16	A	431	0.29	A	0.00	0.00	No
	SB Off	1	1,500	599	0.40	A	234	0.16	A	598	0.40	A	234	0.16	A	0.00	0.00	No
	NB Off	1	1,500	356	0.24	A	1,041	0.69	B	355	0.24	A	1,041	0.69	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-241 at Portola Parkway (West)	SB On	1	1,500	267	0.18	A	325	0.22	A	270	0.18	A	311	0.21	A	0.00	(0.01)	No
	NB On	1	1,500	86	0.06	A	64	0.04	A	86	0.06	A	64	0.04	A	0.00	0.00	No
	SB Off	1	1,500	68	0.05	A	63	0.04	A	68	0.05	A	64	0.04	A	0.00	0.00	No
	NB Off	1	1,500	329	0.22	A	211	0.14	A	329	0.22	A	214	0.14	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	226	0.15	A	393	0.26	A	225	0.15	A	394	0.26	A	0.00	0.00	No
	NB On	1	1,500	469	0.31	A	518	0.35	A	469	0.31	A	521	0.35	A	0.00	0.00	No
	SB Off	1	1,500	652	0.43	A	363	0.24	A	651	0.43	A	378	0.25	A	0.00	0.01	No
	NB Off	2	2,250	502	0.22	A	166	0.07	A	503	0.22	A	165	0.07	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	254	0.11	A	465	0.21	A	253	0.11	A	466	0.21	A	0.00	0.00	No
	SB Off	1	1,500	557	0.37	A	296	0.20	A	559	0.37	A	296	0.20	A	0.00	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	247	0.16	A	711	0.47	A	247	0.16	A	711	0.47	A	0.00	0.00	No
	NB On	2	2,250	574	0.26	A	293	0.13	A	575	0.26	A	294	0.13	A	0.00	0.00	No
	SB Off	1	1,500	291	0.19	A	487	0.32	A	290	0.19	A	485	0.32	A	0.00	0.00	No
	NB Off	2	2,250	702	0.31	A	283	0.13	A	702	0.31	A	284	0.13	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	NB Off	1	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-261 at Chapman	SB On	1	1,500	863	0.58	A	76	0.05	A	856	0.57	A	76	0.05	A	(0.01)	0.00	No
	NB Off	1	1,500	50	0.03	A	684	0.46	A	50	0.03	A	682	0.45	A	0.00	(0.01)	No
SR-261 at Portola Parkway	SB On	1	1,500	408	0.27	A	111	0.07	A	408	0.27	A	109	0.07	A	0.00	0.00	No
	NB On	1	1,500	216	0.14	A	446	0.30	A	223	0.15	A	451	0.30	A	0.01	0.00	No
	SB Off	1	1,500	525	0.35	A	156	0.10	A	525	0.35	A	165	0.11	A	0.00	0.01	No
	NB Off	1	1,500	76	0.05	A	316	0.21	A	76	0.05	A	316	0.21	A	0.00	0.00	No
SR-261 at Irvine Boulevard	SB On	1	1,500	496	0.33	A	166	0.11	A	510	0.34	A	167	0.11	A	0.01	0.00	No
	NB On	1	1,500	107	0.07	A	148	0.10	A	107	0.07	A	148	0.10	A	0.00	0.00	No
	SB Off	1	1,500	228	0.15	A	112	0.07	A	228	0.15	A	112	0.07	A	0.00	0.00	No
	NB Off	1	1,500	57	0.04	A	551	0.37	A	57	0.04	A	558	0.37	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

"--" = Not existing in the Long-Range Approved condition.

LSA

Table L: Long-Range Approved Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	15,299	1.32	F	17,249	1.49	F	15,327	1.32	F	17,224	1.48	F	0.00	(0.01)	No
	SB	5+1H	11,600	18,856	1.63	F	14,695	1.27	F	18,834	1.62	F	14,732	1.27	F	(0.01)	0.00	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	14,914	1.29	F	16,621	1.43	F	14,939	1.29	F	16,626	1.43	F	0.00	0.00	No
	SB	5+1H	11,600	18,627	1.61	F	14,552	1.25	F	18,594	1.60	F	14,592	1.26	F	(0.01)	0.01	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	16,387	1.41	F	17,890	1.54	F	16,426	1.42	F	17,883	1.54	F	0.01	0.00	No
	SB	5+1H	11,600	19,088	1.65	F	15,084	1.30	F	19,063	1.64	F	15,129	1.30	F	(0.01)	0.00	No
I-5 north of Jamboree Road	NB	5+1H	11,600	16,649	1.44	F	17,219	1.48	F	16,690	1.44	F	17,226	1.49	F	0.00	0.01	No
	SB	5+1H	11,600	18,096	1.56	F	15,215	1.31	F	18,092	1.56	F	15,248	1.31	F	0.00	0.00	No
I-5 north of Culver Drive	NB	5+1H	11,600	16,792	1.45	F	17,023	1.47	F	16,842	1.45	F	17,006	1.47	F	0.00	0.00	No
	SB	5+1H	11,600	17,284	1.49	F	15,331	1.32	F	17,304	1.49	F	15,348	1.32	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	5+1H	11,600	15,476	1.33	F	16,065	1.38	F	15,498	1.34	F	16,057	1.38	F	0.01	0.00	No
	SB	5+1H	11,600	16,362	1.41	F	14,704	1.27	F	16,380	1.41	F	14,715	1.27	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	16,018	1.38	F	15,992	1.38	F	16,040	1.38	F	15,987	1.38	F	0.00	0.00	No
	SB	5+1H	11,600	16,745	1.44	F	15,680	1.35	F	16,786	1.45	F	15,688	1.35	F	0.01	0.00	No
I-5 north of Alton Parkway	NB	4+1H	9,600	11,765	1.23	F	13,350	1.39	F	11,778	1.23	F	13,372	1.39	F	0.00	0.00	No
	SB	4+1H	9,600	12,974	1.35	F	11,254	1.17	F	12,984	1.35	F	11,285	1.18	F	0.00	0.01	No
I-5 north of I-405	NB	4+1H	9,600	11,700	1.22	F	10,604	1.10	F	11,708	1.22	F	10,620	1.11	F	0.00	0.01	No
	SB	4+1H	9,600	10,588	1.10	F	11,012	1.15	F	10,596	1.10	F	11,033	1.15	F	0.00	0.00	No
I-5 north of Bake Parkway	NB	9+2H	21,500	9,662	0.45	B	7,887	0.37	B	9,668	0.45	B	7,961	0.37	B	0.00	0.00	No
	SB	9+2H	21,500	7,330	0.34	B	7,666	0.36	B	7,298	0.34	B	7,674	0.36	B	0.00	0.00	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	21,476	1.10	F	16,730	0.86	D	21,409	1.10	F	16,733	0.86	D	0.00	0.00	No
	SB	8+2H	19,500	16,226	0.83	D	19,260	0.99	E	16,232	0.83	D	19,231	0.99	E	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	19,526	1.45	F	15,226	1.13	F	19,521	1.45	F	15,226	1.13	F	0.00	0.00	No
	SB	5+2H	13,500	14,378	1.07	F	17,631	1.31	F	14,382	1.07	F	17,623	1.31	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	5+1H	11,600	17,585	1.52	F	13,930	1.20	F	17,560	1.51	F	13,914	1.20	F	(0.01)	0.00	No
	SB	4+1H	9,600	13,037	1.36	F	16,150	1.68	F	13,048	1.36	F	16,141	1.68	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	15,531	1.62	F	12,649	1.32	F	15,524	1.62	F	12,642	1.32	F	0.00	0.00	No
	SB	4+1H	9,600	12,009	1.25	F	14,464	1.51	F	12,017	1.25	F	14,445	1.50	F	0.00	(0.01)	No
I-405 north of Jeffrey Road	NB	4+1H	9,600	12,532	1.31	F	11,987	1.25	F	12,561	1.31	F	11,993	1.25	F	0.00	0.00	No
	SB	4+1H	9,600	12,401	1.29	F	12,923	1.35	F	12,393	1.29	F	12,955	1.35	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	4+1H	9,600	13,526	1.41	F	12,540	1.31	F	13,538	1.41	F	12,536	1.31	F	0.00	0.00	No
	SB	4+1H	9,600	12,357	1.29	F	13,168	1.37	F	12,344	1.29	F	13,167	1.37	F	0.00	0.00	No
I-405 north of SR-133	NB	4+1H	9,600	13,561	1.41	F	11,563	1.20	F	13,576	1.41	F	11,551	1.20	F	0.00	0.00	No
	SB	4+1H	9,600	11,301	1.18	F	13,059	1.36	F	11,288	1.18	F	13,057	1.36	F	0.00	0.00	No
I-405 north of Irvine Center Drive	NB	5+1H	11,600	11,245	0.97	E	9,604	0.83	D	11,232	0.97	E	9,594	0.83	D	0.00	0.00	No
	SB	4+1H	9,600	9,026	0.94	E	10,701	1.11	F	9,016	0.94	E	10,696	1.11	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	7,966	0.83	D	5,803	0.60	C	7,960	0.83	D	5,811	0.61	C	0.00	0.01	No
	SB	4+1H	9,600	7,516	0.78	D	9,896	1.03	F	7,522	0.78	D	9,892	1.03	F	0.00	0.00	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,266	0.16	A	7,200	0.90	E	1,268	0.16	A	7,193	0.90	E	0.00	0.00	No
	SB	4	8,000	7,994	1.00	E	1,312	0.16	A	7,971	1.00	E	1,312	0.16	A	0.00	0.00	No
SR-133 north of Great Park Boulevard	NB	3	6,000	995	0.17	A	6,657	1.11	F	994	0.17	A	6,673	1.11	F	0.00	0.00	No
	SB	3	6,000	7,456	1.24	F	1,098	0.18	A	7,462	1.24	F	1,101	0.18	A	0.00	0.00	No
SR-133 north of I-5	NB	3	6,000	1,383	0.23	A	4,711	0.79	D	1,391	0.23	A	4,736	0.79	D	0.00	0.00	No
	SB	3	6,000	5,330	0.89	D	1,768	0.29	A	5,354	0.89	D	1,784	0.30	A	0.00	0.01	No
SR-133 south of I-5	NB	3	6,000	816	0.14	A	2,684	0.45	B	812	0.14	A	2,701	0.45	B	0.00	0.00	No
	SB	3	6,000	3,114	0.52	C	1,038	0.17	A	3,154	0.53	C	1,047	0.17	A	0.01	0.00	No
SR-133 north of I-405	NB	3	6,000	3,970	0.66	C	3,704	0.62	C	3,954	0.66	C	3,720	0.62	C	0.00	0.00	No
	SB	3	6,000	3,921	0.65	C	2,997	0.50	B	3,957	0.66	C	2,989	0.50	B	0.01	0.00	No
SR-133 south of I-405	NB	3	6,000	2,606	0.43	B	2,585	0.43	B	2,592	0.43	B	2,584	0.43	B	0.00	0.00	No
	SB	3	6,000	2,516	0.42	B	2,278	0.38	B	2,522	0.42	B	2,258	0.38	B	0.00	0.00	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	2,339	0.39	B	7,438	1.24	F	2,364	0.39	B	7,420	1.24	F	0.00	0.00	No
	SB	3	6,000	8,997	1.50	F	1,650	0.28	A	8,990	1.50	F	1,662	0.28	A	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	4	8,000	2,816	0.35	B	5,478	0.68	C	2,829	0.35	B	5,474	0.68	C	0.00	0.00	No
	SB	4	8,000	6,513	0.81	D	2,551	0.32	B	6,502	0.81	D	2,561	0.32	B	0.00	0.00	No
SR-241 north of SR-133	NB	4	8,000	2,816	0.35	B	5,478	0.68	C	2,829	0.35	B	5,474	0.68	C	0.00	0.00	No
	SB	4	8,000	6,513	0.81	D	2,551	0.32	B	6,502	0.81	D	2,561	0.32	B	0.00	0.00	No
SR-241 north of Portola Parkway	NB	5	10,000	6,384	0.64	C	2,783	0.28	A	6,375	0.64	C	2,781	0.28	A	0.00	0.00	No
	SB	5	10,000	3,353	0.34	B	5,744	0.57	C	3,345	0.33	B	5,748	0.57	C	(0.01)	0.00	No
SR-241 north of Alton Parkway	NB	5	10,000	7,123	0.71	C	3,189	0.32	B	7,114	0.71	C	3,194	0.32	B	0.00	0.00	No
	SB	5	10,000	3,788	0.38	B	6,230	0.62	C	3,792	0.38	B	6,211	0.62	C	0.00	0.00	No
SR-241 north of Lake Forest Drive	NB	4	8,000	7,733	0.97	E	2,998	0.37	B	7,723	0.97	E	3,000	0.38	B	0.00	0.01	No
	SB	4	8,000	3,222	0.40	B	6,716	0.84	D	3,227	0.40	B	6,702	0.84	D	0.00	0.00	No
SR-261 north of Portola Parkway	NB	4	8,000	533	0.07	A	3,182	0.40	B	543	0.07	A	3,168	0.40	B	0.00	0.00	No
	SB	4	8,000	4,591	0.57	C	420	0.05	A	4,585	0.57	C	429	0.05	A	0.00	0.00	No
SR-261 north of Irvine Boulevard	NB	4	8,000	195	0.02	A	2,622	0.33	B	198	0.02	A	2,638	0.33	B	0.00	0.00	No
	SB	4	8,000	3,579	0.45	B	172	0.02	A	3,581	0.45	B	172	0.02	A	0.00	0.00	No
SR-261 south of Irvine Boulevard	NB	4	8,000	404	0.05	A	3,396	0.42	B	413	0.05	A	3,422	0.43	B	0.00	0.01	No
	SB	4	8,000	4,276	0.53	C	501	0.06	A	4,303	0.54	C	519	0.06	A	0.01	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

Buildout Approved Baseline and Plus Project Traffic Volumes and LOS

Peak-Hour Intersection LOS

Table M presents a summary of the intersection LOS for Buildout Approved (Baseline and Plus Project) conditions. As this table indicates, all study area intersections are forecast to operate at satisfactory LOS in the Baseline (No Project) condition, except for the following locations:

- **Intersection # 388:** Ridge Route Drive/Avenida Carlota (LOS F)
- **Intersection # 469:** Jamboree Road/Handy Creek Road (LOS E)
- **Intersection # 470:** SR-261 SB Ramps/Handy Creek Road (LOS F)
- **Intersection # 486:** SR-133 SB Ramps/Great Park Boulevard (LOS E)

With the addition of the proposed project in the Buildout Approved condition, all study-area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersections. However, the intersection v/c ratio increase does not exceed the impact threshold at those locations. Therefore, the proposed project can be implemented in a Buildout Approved condition with no peak-hour LOS impacts at study area intersections.

Roadway Segment Volumes and LOS

The ADT volumes and v/c ratios for Buildout Approved Baseline (No Project) are illustrated on Figures 14 and 15, respectively. The ADT volumes and v/c ratios for Buildout Approved Plus Project are illustrated on Figures 16 and 17, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Buildout Approved (Baseline and Plus Project) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments, except for the following locations:

- Jeffrey Road between the I-5 NB Ramps and Roosevelt
- Jeffrey Road between Walnut Avenue and Irvine Center Drive

The peak-hour roadway segment analysis was performed for those roadway segments on Jeffrey Road. The resulting midblock peak-hour v/c ratios for those arterial roadway segments on Jeffrey Road under the Buildout Approved (Baseline and Plus Project) conditions are summarized in Table N. As Table N indicates, those arterial roadway segments on Jeffrey Road are forecast to operate at acceptable LOS during the peak hours. Therefore, the proposed project can be implemented in a Buildout Approved condition with no LOS impacts on arterial roadway segments within the study area.

LSA

Table M: Buildout Approved Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.65	B	0.53	A	0.65	B	0.52	A	0.00	(0.01)	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.67	B	0.86	D	0.66	B	0.86	D	(0.01)	0.00	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.77	C	0.74	C	0.77	C	0.74	C	0.00	0.00	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.88	D	0.83	D	0.89	D	0.84	D	0.01	0.01	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.68	B	0.74	C	0.67	B	0.74	C	(0.01)	0.00	No
124	Jamboree Road/Portola Parkway	Tustin		0.64	B	0.74	C	0.65	B	0.74	C	0.01	0.00	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.91	E	0.90	D	0.92	E	0.90	D	0.01	0.00	No
126	Jamboree Road/Bryan Avenue	Tustin		0.79	C	0.77	C	0.78	C	0.77	C	(0.01)	0.00	No
127	Jamboree Road/El Camino Real	Tustin		0.78	C	0.80	C	0.78	C	0.81	D	0.00	0.01	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.81	D	0.75	C	0.81	D	0.74	C	0.00	(0.01)	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.74	C	0.58	A	0.73	C	0.59	A	(0.01)	0.01	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.68	B	0.55	A	0.67	B	0.56	A	(0.01)	0.01	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.36	A	0.59	A	0.36	A	0.58	A	0.00	(0.01)	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.43	A	0.62	B	0.43	A	0.62	B	0.00	0.00	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.37	A	0.77	C	0.37	A	0.77	C	0.00	0.00	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.76	C	0.89	D	0.76	C	0.89	D	0.00	0.00	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.47	A	0.52	A	0.46	A	0.52	A	(0.01)	0.00	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.32	A	0.56	A	0.32	A	0.54	A	0.00	(0.02)	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.51	A	0.48	A	0.51	A	0.00	0.00	No
	HCM			*11.2*	*B*	*6.3*	*A*	*11.2*	*B*	*6.3*	*A*	*0.0*	*0.0*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.41	A	0.60	A	0.40	A	0.59	A	(0.01)	(0.01)	No
	HCM			*5.9*	*A*	*12.8*	*B*	*5.9*	*A*	*13.0*	*B*	*0.0*	*0.2*	--
218	Culver Drive/Portola Parkway	Irvine		0.41	A	0.64	B	0.41	A	0.65	B	0.00	0.01	No
220	Culver Drive/Irvine Boulevard	Irvine		0.61	B	0.70	B	0.61	B	0.69	B	0.00	(0.01)	No
221	Culver Drive/Bryan Avenue	Irvine		0.73	C	0.67	B	0.74	C	0.67	B	0.01	0.00	No
222	Culver Drive/Trabuco Road	Irvine		0.68	B	0.77	C	0.68	B	0.77	C	0.00	0.00	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.67	B	0.58	A	0.67	B	0.59	A	0.00	0.01	No
224	Culver Drive/Walnut Avenue	Irvine		0.70	B	0.81	D	0.71	C	0.82	D	0.01	0.01	No
226	Culver Drive/Irvine Center Drive	Irvine		0.71	C	0.79	C	0.71	C	0.79	C	0.00	0.00	No
227	Culver Drive/Warner Avenue	Irvine		0.70	B	0.63	B	0.71	C	0.64	B	0.01	0.01	No
228	Culver Drive/Barranca Parkway	Irvine		0.72	C	0.78	C	0.72	C	0.78	C	0.00	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.70	B	0.71	C	0.71	C	0.72	C	0.01	0.01	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.57	A	0.72	C	0.57	A	0.71	C	0.00	(0.01)	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.63	B	0.68	B	0.63	B	0.68	B	0.00	0.00	No
235	Culver Drive/University Drive	Irvine		0.74	C	0.75	C	0.74	C	0.76	C	0.00	0.01	No
243	Yale Avenue/Portola Parkway	Irvine		0.50	A	0.56	A	0.51	A	0.56	A	0.01	0.00	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.54	A	0.74	C	0.54	A	0.73	C	0.00	(0.01)	No
252	Yale Avenue/Bryan Avenue	Irvine		0.36	A	0.47	A	0.36	A	0.48	A	0.00	0.01	No
255	Yale Avenue/Trabuco Road	Irvine		0.45	A	0.51	A	0.45	A	0.52	A	0.00	0.01	No
259	Yale Avenue/Walnut Avenue	Irvine		0.52	A	0.79	C	0.54	A	0.79	C	0.02	0.00	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.77	C	0.78	C	0.76	C	0.79	C	(0.01)	0.01	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.55	A	0.56	A	0.56	A	0.56	A	0.01	0.00	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.62	B	0.59	A	0.63	B	0.60	A	0.01	0.01	No
268	W. Yale Loop/Alton Parkway	Irvine		0.55	A	0.66	B	0.53	A	0.65	B	(0.02)	(0.01)	No
271	E. Yale Loop/Alton Parkway	Irvine		0.79	C	0.71	C	0.78	C	0.71	C	(0.01)	0.00	No
282	Jeffrey Road/Portola Parkway	Irvine		0.76	C	0.64	B	0.90	D	0.74	C	0.14	0.10	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.55	A	0.64	B	0.56	A	0.69	B	0.01	0.05	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.56	A	0.58	A	0.56	A	0.59	A	0.00	0.01	No
285	Jeffrey Road/Trabuco Road	Irvine		0.47	A	0.65	B	0.47	A	0.66	B	0.00	0.01	No
286	Jeffrey Road/Roosevelt	Irvine		0.79	C	0.63	B	0.80	C	0.64	B	0.01	0.01	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.73	C	0.79	C	0.74	C	0.80	C	0.01	0.01	No
	HCM			*18.6*	*B*	*26.0*	*C*	*18.9*	*B*	*26.7*	*C*	*0.3*	*0.7*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.81	D	0.81	D	0.80	C	0.81	D	(0.01)	0.00	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.73	C	0.71	C	0.73	C	0.74	C	0.00	0.03	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.74	C	0.77	C	0.72	C	0.77	C	(0.02)	0.00	No
291	Jeffrey Road/Alton Parkway	Irvine		0.85	D	0.79	C	0.84	D	0.80	C	(0.01)	0.01	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.66	B	0.62	B	0.66	B	0.62	B	0.00	0.00	No
	HCM			*19.6*	*B*	*12.4*	*B*	*19.7*	*B*	*12.4*	*B*	*0.1*	*0.0*	--
294	University Drive/I-405 SB Ramps	Irvine		0.65	B	0.54	A	0.65	B	0.54	A	0.00	0.00	No
	HCM			*6.5*	*A*	*6.1*	*A*	*6.5*	*A*	*6.1*	*A*	*0.0*	*0.0*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.49	A	0.59	A	0.49	A	0.60	A	0.00	0.01	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.57	A	0.63	B	0.57	A	0.64	B	0.00	0.01	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.52	A	0.61	B	0.52	A	0.62	B	0.00	0.01	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.83	D	0.81	D	0.84	D	0.82	D	0.01	0.01	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.66	B	0.75	C	0.66	B	0.76	C	0.00	0.01	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.70	B	0.76	C	0.70	B	0.76	C	0.00	0.00	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.57	A	0.46	A	0.58	A	0.46	A	0.01	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.58	A	0.57	A	0.58	A	0.57	A	0.00	0.00	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.52	A	0.66	B	0.53	A	0.65	B	0.01	(0.01)	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.61	B	0.74	C	0.61	B	0.74	C	0.00	0.00	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.64	B	0.43	A	0.64	B	0.42	A	0.00	(0.01)	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.85	D	0.43	A	0.85	D	0.43	A	0.00	0.00	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.39	A	0.47	A	0.39	A	0.48	A	0.00	0.01	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.37	A	0.50	A	0.38	A	0.50	A	0.01	0.00	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.58	A	0.54	A	0.59	A	0.54	A	0.01	0.00	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.57	A	0.61	B	0.58	A	0.61	B	0.01	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.55	A	0.68	B	0.55	A	0.68	B	0.00	0.00	No
318	Banting/Barranca Parkway	Irvine		0.67	B	0.52	A	0.67	B	0.51	A	0.00	(0.01)	No
319	Banting/Alton Parkway	Irvine		0.60	A	0.45	A	0.61	B	0.45	A	0.01	0.00	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.78	C	0.81	D	0.78	C	0.81	D	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.84	D	0.67	B	0.83	D	0.67	B	(0.01)	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.50	A	0.46	A	0.50	A	0.47	A	0.00	0.01	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.44	A	0.45	A	0.44	A	0.45	A	0.00	0.00	No

LSA

Table M: Buildout Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.33	A	0.42	A	0.33	A	0.42	A	0.00	0.00	No
326	Ada/Barranca Parkway	Irvine		0.46	A	0.54	A	0.46	A	0.54	A	0.00	0.00	No
327	Barranca Parkway/Technology	Irvine		0.49	A	0.62	B	0.49	A	0.63	B	0.00	0.01	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.54	A	0.56	A	0.54	A	0.56	A	0.00	0.00	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.68	B	0.70	B	0.68	B	0.70	B	0.00	0.00	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.51	A	0.69	B	0.51	A	0.70	B	0.00	0.01	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.50	A	0.60	A	0.50	A	0.60	A	0.00	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.59	A	0.52	A	0.60	A	0.52	A	0.01	0.00	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.44	A	0.41	A	0.44	A	0.41	A	0.00	0.00	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.65	B	0.52	A	0.65	B	0.52	A	0.00	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.61	B	0.49	A	0.61	B	0.49	A	0.00	0.00	No
340	Alton Parkway/Jeronimo Road	Irvine		0.50	A	0.47	A	0.51	A	0.46	A	0.01	(0.01)	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.53	A	0.61	B	0.53	A	0.61	B	0.00	0.00	No
342	Technology Drive E./Alton Parkway	Irvine		0.46	A	0.53	A	0.45	A	0.54	A	(0.01)	0.01	No
343	Alton Parkway/Ada	Irvine		0.46	A	0.46	A	0.46	A	0.46	A	0.00	0.00	No
344	Alton Parkway/Technology Drive W.	Irvine		0.58	A	0.68	B	0.57	A	0.68	B	(0.01)	0.00	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.72	C	0.47	A	0.72	C	0.47	A	0.00	0.00	No
	HCM			*14.0*	*B*	*5.8*	*A*	*14.0*	*B*	*5.8*	*A*	*0.0*	*0.0*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.67	B	0.68	B	0.67	B	0.68	B	0.00	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.58	A	0.69	B	0.59	A	0.69	B	0.01	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.60	A	0.57	A	0.60	A	0.56	A	0.00	(0.01)	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.47	A	0.63	B	0.46	A	0.64	B	(0.01)	0.01	No
	HCM			*17.8*	*B*	*31.0*	*C*	*17.7*	*B*	*30.9*	*C*	*(0.1)*	*(0.1)*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.48	A	0.82	D	0.48	A	0.82	D	0.00	0.00	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.38	A	0.56	A	0.38	A	0.56	A	0.00	0.00	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.49	A	0.56	A	0.49	A	0.56	A	0.00	0.00	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.48	A	0.54	A	0.47	A	0.54	A	(0.01)	0.00	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.54	A	0.60	A	0.54	A	0.60	A	0.00	0.00	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.71	C	0.87	D	0.71	C	0.87	D	0.00	0.00	No
363	Bake Parkway/Toledo Way	Irvine		0.68	B	0.58	A	0.68	B	0.59	A	0.00	0.01	No
364	Bake Parkway/Jeronimo Road	Irvine		0.79	C	0.86	D	0.79	C	0.86	D	0.00	0.00	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.61	B	0.78	C	0.62	B	0.78	C	0.01	0.00	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.61	B	0.74	C	0.62	B	0.74	C	0.01	0.00	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.75	C	0.63	B	0.75	C	0.63	B	0.00	0.00	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.80	C	0.83	D	0.80	C	0.83	D	0.00	0.00	No
371	Bake Parkway/Research Drive	Irvine		0.41	A	0.47	A	0.42	A	0.45	A	0.01	(0.02)	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.35	A	0.47	A	0.35	A	0.47	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.29	A	0.34	A	0.29	A	0.34	A	0.00	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.50	A	0.55	A	0.51	A	0.55	A	0.01	0.00	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.45	A	0.42	A	0.44	A	0.42	A	(0.01)	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.62	B	0.64	B	0.62	B	0.65	B	0.00	0.01	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.54	A	0.58	A	0.53	A	0.58	A	(0.01)	0.00	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.63	B	0.62	B	0.62	B	0.62	B	(0.01)	0.00	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.54	A	0.70	B	0.54	A	0.70	B	0.00	0.00	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.59	A	0.70	B	0.59	A	0.70	B	0.00	0.00	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.43	A	0.65	B	0.43	A	0.65	B	0.00	0.00	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.66	B	0.79	C	0.66	B	0.80	C	0.00	0.01	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.55	A	0.83	D	0.56	A	0.83	D	0.01	0.00	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.46	A	0.67	B	0.47	A	0.65	B	0.01	(0.02)	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.74	C	0.77	C	0.74	C	0.77	C	0.00	0.00	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.85	D	1.07	F	0.86	D	1.07	F	0.01	0.00	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.43	A	0.56	A	0.43	A	0.56	A	0.00	0.00	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.56	A	0.53	A	0.56	A	0.54	A	0.00	0.01	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.55	A	0.72	C	0.55	A	0.72	C	0.00	0.00	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.62	B	0.75	C	0.63	B	0.76	C	0.01	0.01	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.59	A	0.64	B	0.58	A	0.64	B	(0.01)	0.00	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.54	A	0.72	C	0.54	A	0.72	C	0.00	0.00	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.58	A	0.67	B	0.58	A	0.66	B	0.00	(0.01)	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.55	A	0.59	A	0.55	A	0.59	A	0.00	0.00	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.72	C	0.78	C	0.72	C	0.79	C	0.00	0.01	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.58	A	0.59	A	0.58	A	0.59	A	0.00	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.67	B	0.72	C	0.67	B	0.72	C	0.00	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.50	A	0.69	B	0.50	A	0.69	B	0.00	0.00	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.56	A	0.68	B	0.56	A	0.69	B	0.00	0.01	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		0.14	A	0.33	A	0.15	A	0.32	A	0.01	(0.01)	No
404	SR-241 SB Ramps/Jeffrey Road	Orange County		0.28	A	0.22	A	0.27	A	0.22	A	(0.01)	0.00	No
	HCM			*8.1*	*A*	*6.4*	*A*	*8.1*	*A*	*4.3*	*A*	*0.0*	*(2.1)*	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.64	B	0.51	A	0.64	B	0.52	A	0.00	0.01	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.59	A	0.55	A	0.59	A	0.54	A	0.00	(0.01)	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.53	A	0.71	C	0.54	A	0.71	C	0.01	0.00	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.37	A	0.47	A	0.38	A	0.47	A	0.01	0.00	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.46	A	0.53	A	0.46	A	0.53	A	0.00	0.00	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.42	A	0.38	A	0.42	A	0.37	A	0.00	(0.01)	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.61	B	0.53	A	0.60	A	0.53	A	(0.01)	0.00	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.54	A	0.64	B	0.54	A	0.64	B	0.00	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.41	A	0.40	A	0.41	A	0.40	A	0.00	0.00	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.57	A	0.62	B	0.57	A	0.62	B	0.00	0.00	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.66	B	0.65	B	0.66	B	0.65	B	0.00	0.00	No
419	El Toro Road/Toledo Way	Lake Forest		0.55	A	0.45	A	0.56	A	0.45	A	0.01	0.00	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.67	B	0.71	C	0.67	B	0.71	C	0.00	0.00	No

LSA

Table M: Buildout Approved Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.72	C	0.64	B	0.71	C	0.64	B	(0.01)	0.00	No
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.69	B	0.69	B	0.69	B	0.68	B	0.00	(0.01)	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.58	A	0.65	B	0.58	A	0.65	B	0.00	0.00	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.51	A	0.58	A	0.50	A	0.57	A	(0.01)	(0.01)	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.34	A	0.52	A	0.34	A	0.50	A	0.00	(0.02)	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.58	A	0.60	A	0.57	A	0.60	A	(0.01)	0.00	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.56	A	0.64	B	0.56	A	0.64	B	0.00	0.00	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.65	B	0.82	D	0.63	B	0.81	D	(0.02)	(0.01)	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.64	B	0.73	C	0.64	B	0.73	C	0.00	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.72	C	0.64	B	0.71	C	0.64	B	(0.01)	0.00	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.84	D	0.75	C	0.84	D	0.74	C	0.00	(0.01)	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.74	C	0.71	C	0.75	C	0.71	C	0.01	0.00	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.57	A	0.72	C	0.57	A	0.72	C	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.82	D	0.82	D	0.82	D	0.82	D	0.00	0.00	No
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.65	B	0.65	B	0.65	B	0.65	B	0.00	0.00	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.63	B	0.74	C	0.63	B	0.75	C	0.00	0.01	No
437	Scientific Way/Irvine Center Drive	Irvine		0.34	A	0.39	A	0.33	A	0.39	A	(0.01)	0.00	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.36	A	0.38	A	0.36	A	0.39	A	0.00	0.01	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.62	B	0.72	C	0.64	B	0.72	C	0.02	0.00	No
	HCM			*33.9*	*C*	*64.0*	*E*	*34.2*	*C*	*63.8*	*E*	*0.3*	*(0.2)*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.67	B	0.54	A	0.68	B	0.54	A	0.01	0.00	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.55	A	0.66	B	0.58	A	0.66	B	0.03	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		0.45	A	0.41	A	0.45	A	0.41	A	0.00	0.00	No
463	Jamboree Road/Chapman Avenue	Orange		0.61	B	0.70	B	0.61	B	0.70	B	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.82	D	0.56	A	0.81	D	0.56	A	(0.01)	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.41	A	0.85	D	0.41	A	0.85	D	0.00	0.00	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.46	A	0.55	A	0.45	A	0.55	A	(0.01)	0.00	No
468	Jamboree Road/Canyon View Avenue	Orange		0.65	B	0.49	A	0.64	B	0.48	A	(0.01)	(0.01)	No
469	Jamboree Road/Handy Creek Road	Orange		0.97	E	0.73	C	0.96	E	0.73	C	(0.01)	0.00	No
470	SR-261 SB Ramps/Handy Creek Road	Orange		1.09	F	0.62	B	1.09	F	0.62	B	0.00	0.00	No
471	SR-261 NB Ramps/Handy Creek Road	Orange		0.19	A	0.88	D	0.19	A	0.87	D	0.00	(0.01)	No
477	El Camino Real N./Bryan Avenue	Irvine		0.24	A	0.51	A	0.24	A	0.51	A	0.00	0.00	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.40	A	0.59	A	0.40	A	0.59	A	0.00	0.00	No
482	Visions/Trabuco Road	Irvine		0.38	A	0.27	A	0.38	A	0.27	A	0.00	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.48	A	0.41	A	0.49	A	0.41	A	0.01	0.00	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.56	A	0.41	A	0.56	A	0.42	A	0.00	0.01	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		0.97	E	0.62	B	0.97	E	0.62	B	0.00	0.00	No
	HCM			*150+*	*F*	*23.6*	*C*	*150+*	*F*	*24.0*	*C*	--	*0.4*	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		0.56	A	0.80	C	0.55	A	0.80	C	(0.01)	0.00	No
	HCM			*24.1*	*C*	*93.0*	*F*	*23.3*	*C*	*93.7*	*F*	*(0.8)*	*0.7*	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.52	A	0.43	A	0.52	A	0.43	A	0.00	0.00	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.51	A	0.64	B	0.50	A	0.64	B	(0.01)	0.00	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.57	A	0.67	B	0.57	A	0.67	B	0.00	0.00	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.42	A	0.56	A	0.42	A	0.55	A	0.00	(0.01)	No
518	Alton Parkway/Commercentre	Lake Forest		0.50	A	0.57	A	0.50	A	0.57	A	0.00	0.00	No
520	Keystone/Trabuco Road	Irvine		0.46	A	0.33	A	0.47	A	0.33	A	0.01	0.00	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.56	A	0.55	A	0.57	A	0.55	A	0.01	0.00	No
556	Ridge Valley/Portola Parkway	Irvine		0.52	A	0.39	A	0.53	A	0.39	A	0.01	0.00	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.52	A	0.59	A	0.53	A	0.60	A	0.01	0.01	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.43	A	0.58	A	0.43	A	0.58	A	0.00	0.00	No
560	Ridge Valley/Marine Way	Irvine		0.61	B	0.67	B	0.62	B	0.67	B	0.01	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.59	A	0.56	A	0.59	A	0.55	A	0.00	(0.01)	No
562	Skyhawk/Marine Way	Irvine		0.65	B	0.68	B	0.64	B	0.68	B	(0.01)	0.00	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.43	A	0.52	A	0.43	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		0.52	A	0.58	A	0.53	A	0.58	A	0.01	0.00	No
566	Marine Way/Barranca Parkway	Irvine		0.55	A	0.87	D	0.54	A	0.88	D	(0.01)	0.01	No
567	Marine Way/Alton Parkway	Irvine		0.58	A	0.54	A	0.58	A	0.54	A	0.00	0.00	No
568	Ada/Marine Way	Irvine		0.39	A	0.38	A	0.39	A	0.38	A	0.00	0.00	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.84	D	0.99	E	0.85	D	0.98	E	0.01	(0.01)	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.41	A	0.34	A	0.41	A	0.00	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.57	A	0.57	A	0.59	A	0.57	A	0.02	0.00	No
575	Ridge Valley/Hornet - Decora	Irvine		0.24	A	0.44	A	0.25	A	0.43	A	0.01	(0.01)	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.25	A	0.39	A	0.25	A	0.39	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.52	A	0.52	A	0.52	A	0.52	A	0.00	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.44	A	0.50	A	0.44	A	0.00	0.00	No
581	Lynx/Irvine Boulevard	Irvine		0.66	B	0.53	A	0.66	B	0.53	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.47	A	0.57	A	0.47	A	0.58	A	0.00	0.01	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.85	D	0.62	B	0.86	D	0.62	B	0.01	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.30	A	0.49	A	0.29	A	0.49	A	(0.01)	0.00	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.37	A	0.27	A	0.37	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*9.3*	*A*	*16.3*	*C*	*9.3*	*A*	*16.3*	*C*	*0.0*	*0.0*	--
655	Ridge Valley/Corsair	Irvine		0.30	A	0.36	A	0.31	A	0.36	A	0.01	0.00	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

[1] It is a roundabout.

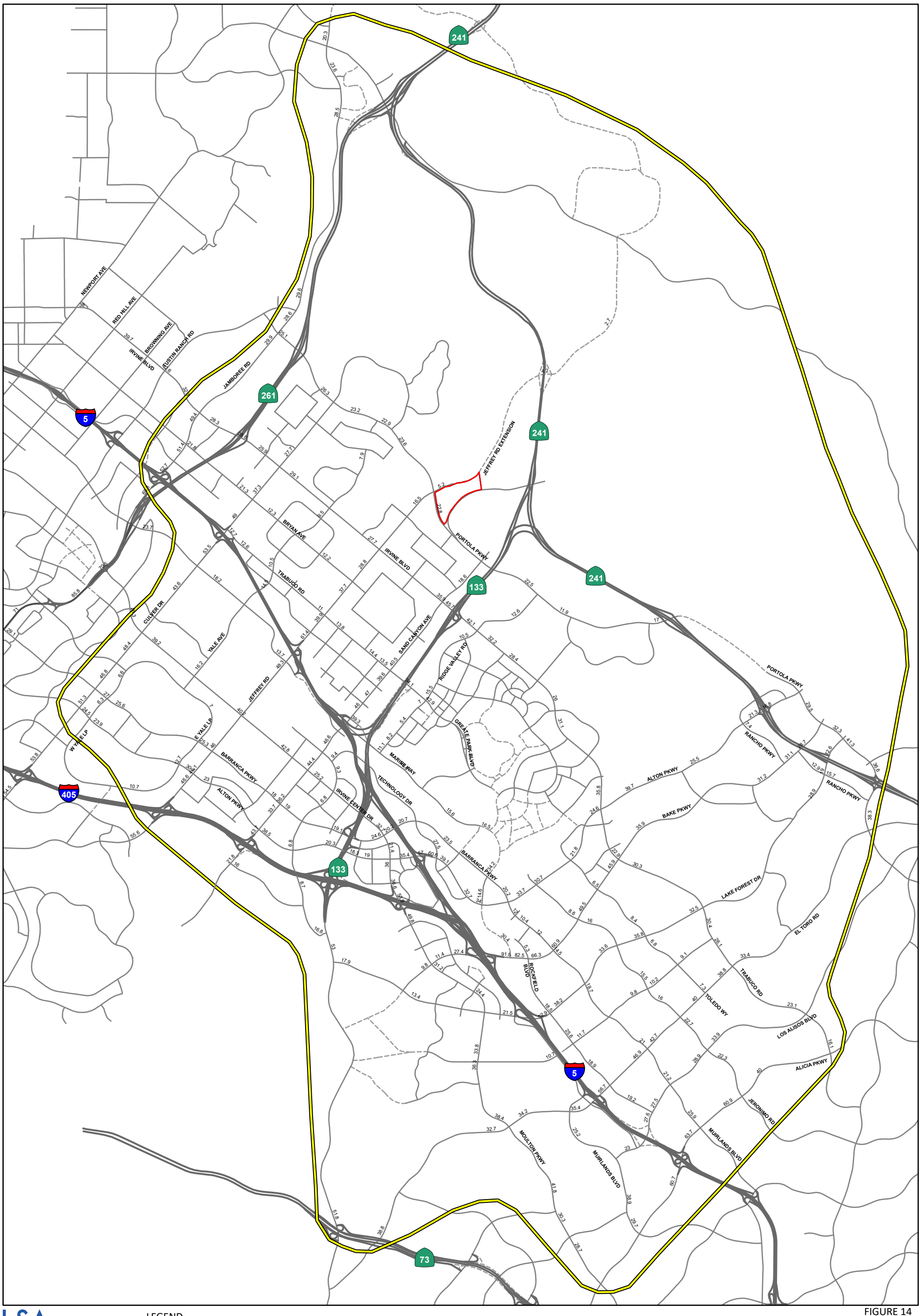

FIGURE 14

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

P:\2023\20231340 - Irvine Gateway\GIS\ADT Maps\ADT_Maps\ADT_Maps.aprx (12/24/2024)

Irvine Gateway Village

Buildout Approved Baseline ADT Volumes

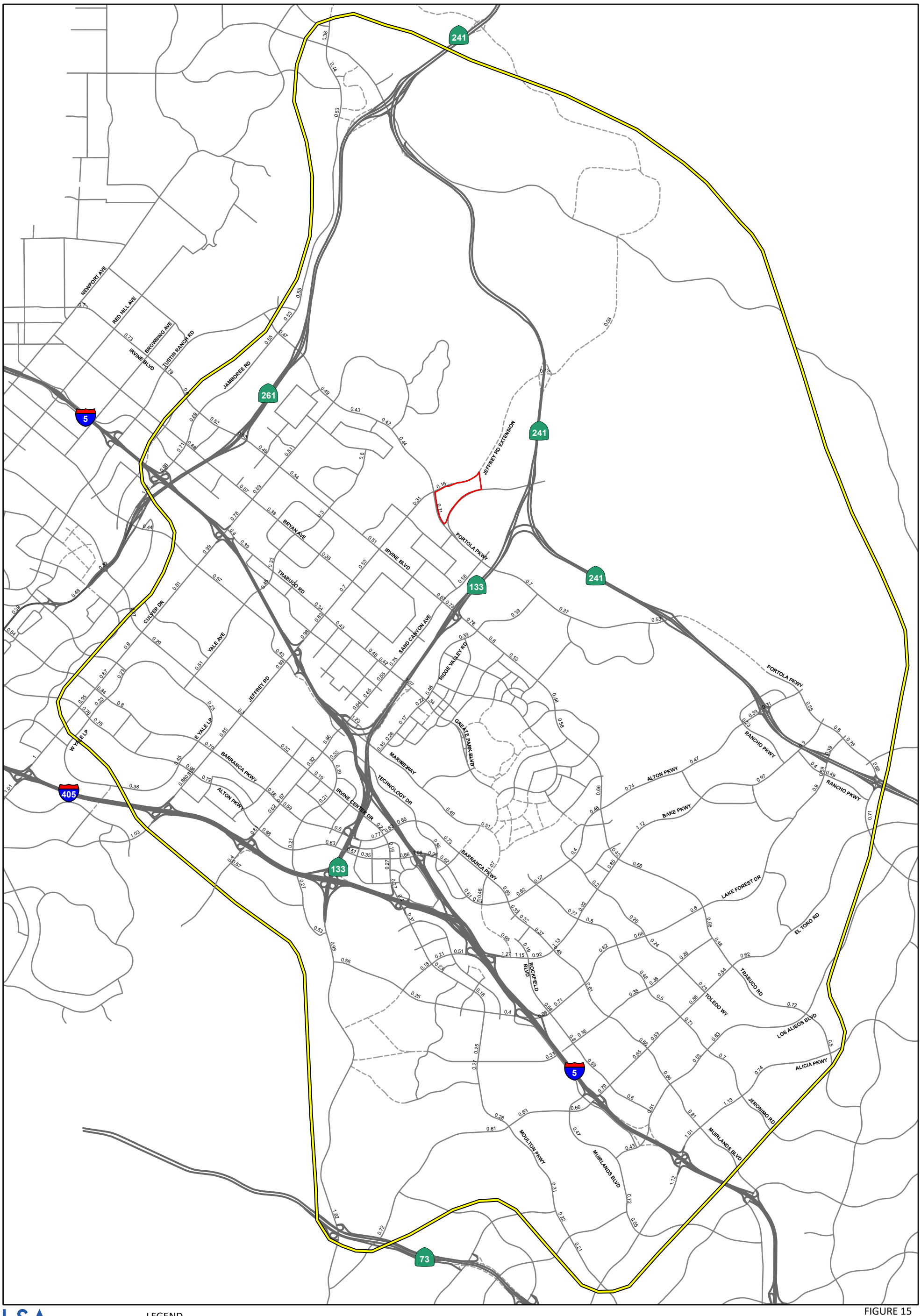

FIGURE 15

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

Irvine Gateway Village

Buildout Approved Baseline ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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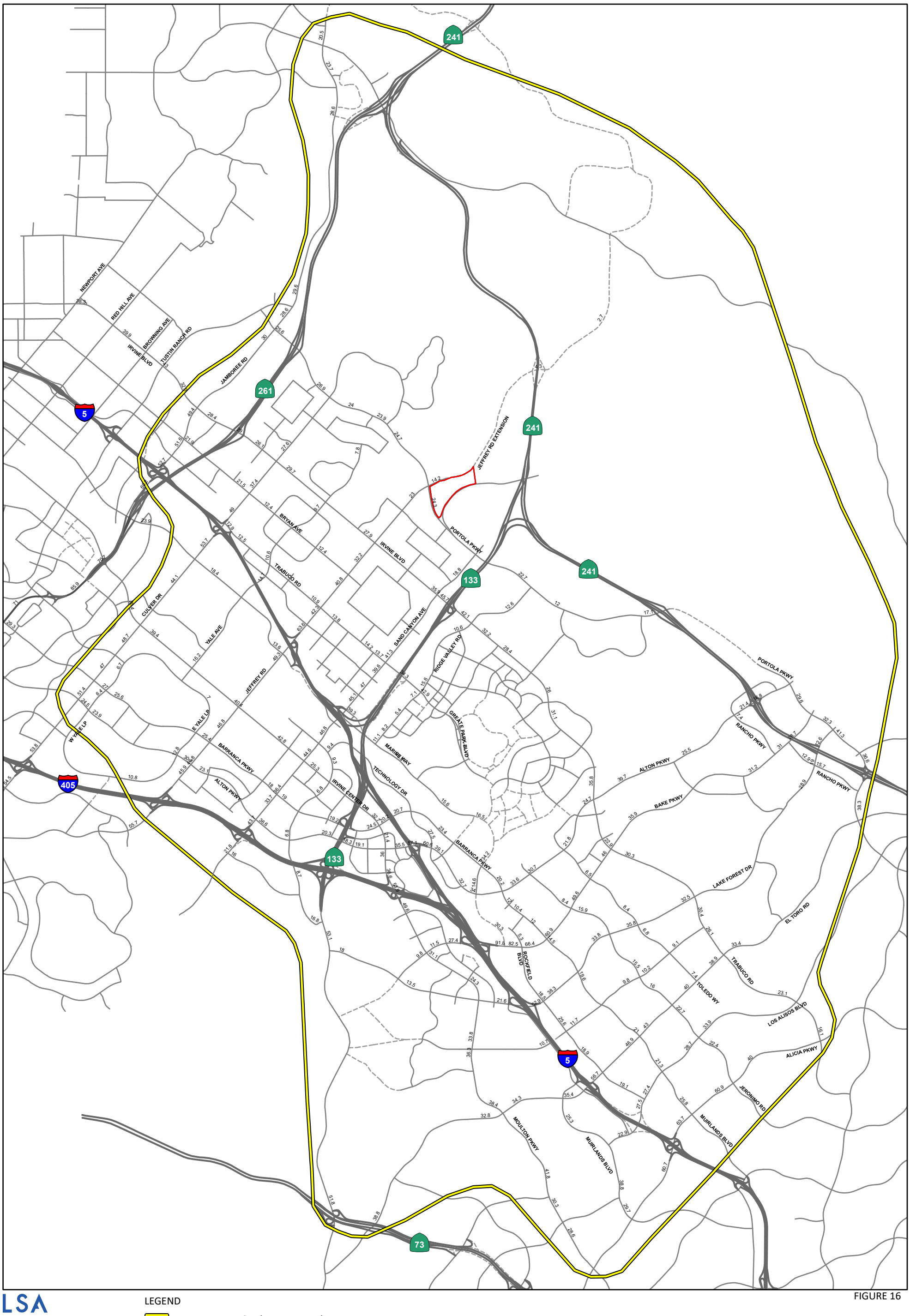

FIGURE 16

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

P:\2023\20231340 - Irvine Gateway\GIS\ADT Maps\ADT_Maps\ADT_Maps.aprx (12/24/2024)

Irvine Gateway Village

Buildout Approved Plus Project ADT Volumes

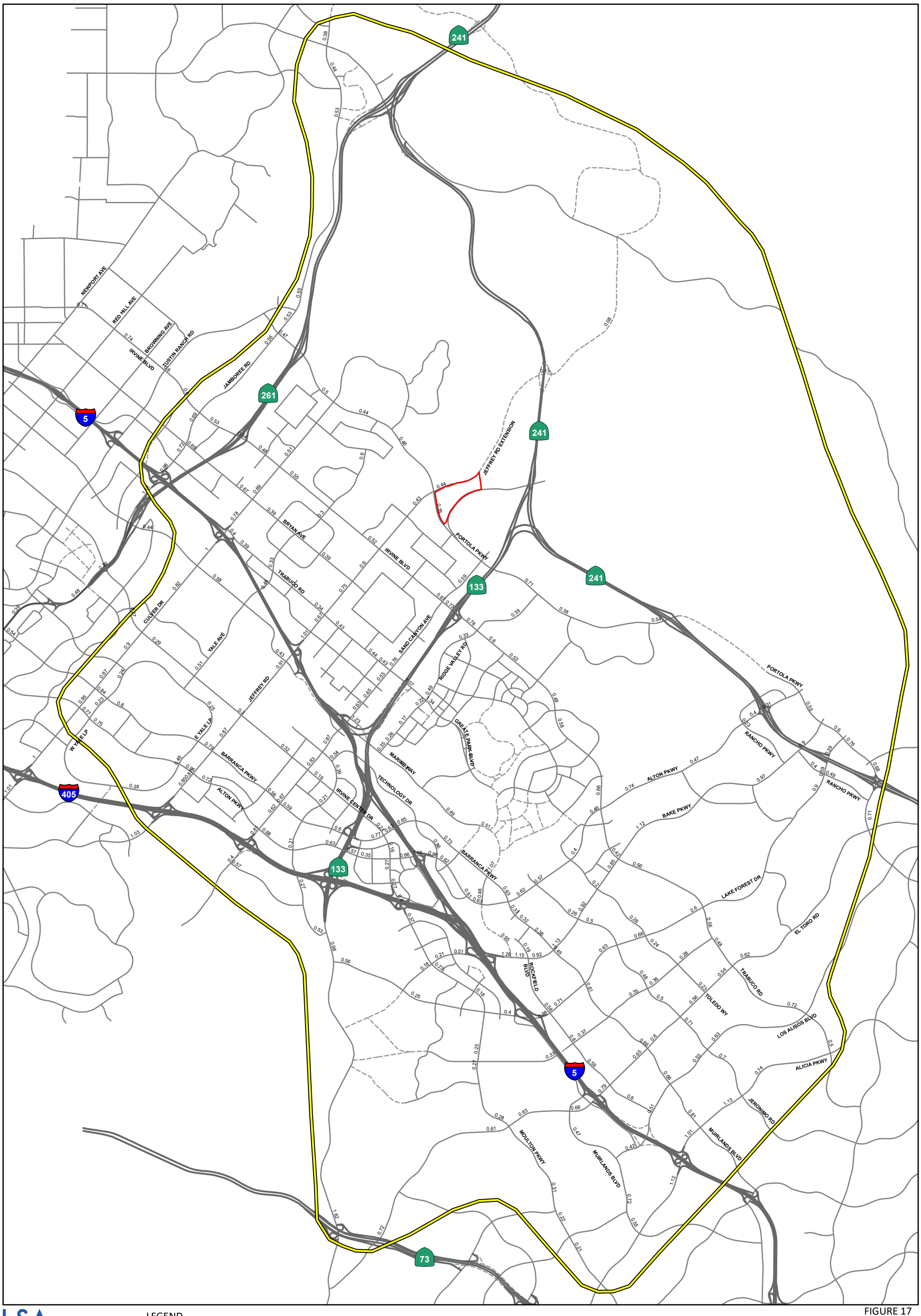

FIGURE 17

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

Irvine Gateway Village

Buildout Approved Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Table N: Buildout Approved Arterial Roadway Peak Hour Link Analysis Summary

Roadway Segment	Peak Hour	Direction	Peak-Hour Capacity (Vehicles/Hour)	Baseline			Plus Project			Δ v/c Ratio	Significant LOS Impact?
				Volume	v/c	LOS	Volume	v/c	LOS		
Jeffrey Road (Roosevelt to I-5 NB Ramps)	AM	NB	4,800	921	0.19	A	921	0.19	A	0.00	No
		SB	4,800	3,103	0.65	B	3,152	0.66	B	0.01	No
	PM	NB	4,800	3,401	0.71	C	3,463	0.72	C	0.01	No
		SB	4,800	1,689	0.35	A	1,736	0.36	A	0.01	No
Jeffrey Road (Walnut Avenue to Irvine Center Drive)	AM	NB	4,800	972	0.20	A	982	0.20	A	0.00	No
		SB	4,800	2,499	0.52	A	2,511	0.52	A	0.00	No
	PM	NB	4,800	2,134	0.44	A	2,137	0.45	A	0.01	No
		SB	4,800	1,708	0.36	A	1,753	0.37	A	0.01	No

Source: Compiled by LSA (2024).
Δ = change
I-5 = Interstate 5
LOS = level of service
NB = northbound
SB = southbound
V/C = volume-to-capacity ratio

Peak-Hour Freeway/Tollway Ramp LOS

A summary of freeway/tollway ramp LOS for Buildout Approved (Baseline and Plus Project) is presented in Table O.

Based on the v/c performance criteria discussed before, several freeway/tollway ramps in the study area are forecast to operate deficiently in the Buildout Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those ramp locations. Therefore, the proposed project can be implemented in a Buildout Approved condition with no peak-hour LOS impacts on freeway/tollway ramps in the study area.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Buildout Approved (Baseline and Plus Project) is presented in Table P.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Buildout Approved (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the proposed project can be implemented in a Buildout Approved condition with no peak-hour LOS impacts on freeway/tollway mainline segments within the study area.

LSA

Table O: Buildout Approved Freeway/Tollway Ramp LOS Summary

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 at Jamboree Road	SB Direct On	1	1,500	392	0.26	A	1,325	0.88	D	394	0.26	A	1,327	0.88	D	0.00	0.00	No
	SB Loop On	1	1,080	790	0.73	C	532	0.49	A	797	0.74	C	519	0.48	A	0.01	(0.01)	No
	NB Direct On	1	1,080	890	0.82	D	413	0.38	A	890	0.82	D	413	0.38	A	0.00	0.00	No
	NB Loop On	1	1,080	544	0.50	A	427	0.40	A	546	0.51	A	401	0.37	A	0.01	(0.03)	No
	SB Off	2	3,000	1,487	0.50	A	1,212	0.40	A	1,489	0.50	A	1,217	0.41	A	0.00	0.01	No
	NB Off	1	1,500	1,430	0.95	E	1,551	1.03	F	1,433	0.96	E	1,491	0.99	E	0.01	(0.04)	No
I-5 at Culver Drive	SB Direct On	1	900	423	0.47	A	492	0.55	A	428	0.48	A	499	0.55	A	0.01	0.00	No
	SB Loop On	1	900	754	0.84	D	374	0.42	A	754	0.84	D	378	0.42	A	0.00	0.00	No
	NB Direct On	1	900	788	0.88	D	592	0.66	B	823	0.91	E	623	0.69	B	0.03	0.03	No
	NB Loop On	1	1,500	1,058	0.71	C	547	0.36	A	1,061	0.71	C	549	0.37	A	0.00	0.01	No
	SB Off	2	2,250	1,356	0.60	A	1,846	0.82	D	1,358	0.60	A	1,846	0.82	D	0.00	0.00	No
	NB Off	1	1,500	588	0.39	A	980	0.65	B	584	0.39	A	980	0.65	B	0.00	0.00	No
I-5 at Jeffrey Road	SB On	1	1,080	1,325	1.23	F	1,411	1.31	F	1,338	1.24	F	1,409	1.30	F	0.01	(0.01)	No
	NB Direct On	1	1,080	854	0.79	C	473	0.44	A	869	0.80	C	458	0.42	A	0.01	(0.02)	No
	NB Loop On	1	1,500	312	0.21	A	463	0.31	A	332	0.22	A	443	0.30	A	0.01	(0.01)	No
	SB Off	1	1,500	578	0.39	A	965	0.64	B	579	0.39	A	965	0.64	B	0.00	0.00	No
	NB Off	2	2,250	1,187	0.53	A	1,491	0.66	B	1,188	0.53	A	1,496	0.66	B	0.00	0.00	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	793	0.53	A	812	0.54	A	793	0.53	A	812	0.54	A	0.00	0.00	No
	NB On	1	1,500	883	0.59	A	947	0.63	B	879	0.59	A	949	0.63	B	0.00	0.00	No
	SB Off	2	2,250	1,145	0.51	A	1,272	0.57	A	1,145	0.51	A	1,272	0.57	A	0.00	0.00	No
	NB Off	2	2,250	824	0.37	A	1,453	0.65	B	825	0.37	A	1,456	0.65	B	0.00	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	83	0.06	A	385	0.26	A	83	0.06	A	384	0.26	A	0.00	0.00	No
	SB Off	1	1,500	474	0.32	A	195	0.13	A	473	0.32	A	194	0.13	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	123	0.08	A	634	0.42	A	123	0.08	A	634	0.42	A	0.00	0.00	No
	NB Direct On	2	1,800	457	0.25	A	1,263	0.70	B	432	0.24	A	1,260	0.70	B	(0.01)	0.00	No
	NB Loop On	1	1,500	289	0.19	A	792	0.53	A	287	0.19	A	795	0.53	A	0.00	0.00	No
	SB Off	2	2,250	2,101	0.93	E	1,349	0.60	A	2,103	0.93	E	1,358	0.60	A	0.00	0.00	No
	NB Off	2	2,250	1,267	0.56	A	341	0.15	A	1,268	0.56	A	341	0.15	A	0.00	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	99	0.07	A	75	0.05	A	99	0.07	A	77	0.05	A	0.00	0.00	No
	SB Loop On	1	1,080	345	0.32	A	923	0.85	D	360	0.33	A	961	0.89	D	0.01	0.04	No
	NB Direct On	2	3,400	2,012	0.59	A	2,441	0.72	C	2,068	0.61	B	2,441	0.72	C	0.02	0.00	No
	NB Loop On	1	1,500	228	0.15	A	761	0.51	A	233	0.16	A	761	0.51	A	0.01	0.00	No
	SB Off	3	4,500	3,572	0.79	C	2,861	0.64	B	3,600	0.80	C	2,854	0.63	B	0.01	(0.01)	No
	NB Off	2	3,000	1,185	0.40	A	654	0.22	A	1,187	0.40	A	644	0.21	A	0.00	(0.01)	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	622	0.41	A	1,023	0.68	B	621	0.41	A	1,032	0.69	B	0.00	0.01	No
	SB Loop On	1	1,080	435	0.40	A	447	0.41	A	435	0.40	A	450	0.42	A	0.00	0.01	No
	NB On	2	1,800	1,199	0.67	B	976	0.54	A	1,201	0.67	B	971	0.54	A	0.00	0.00	No
	SB Off	2	3,000	1,929	0.64	B	2,551	0.85	D	1,929	0.64	B	2,555	0.85	D	0.00	0.00	No
	NB Off	1	1,500	988	0.66	B	819	0.55	A	988	0.66	B	822	0.55	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	340	0.32	A	543	0.50	A	340	0.32	A	543	0.50	A	0.00	0.00	No
	SB Loop On	1	1,500	856	0.57	A	1,049	0.70	B	855	0.57	A	1,057	0.70	B	0.00	0.00	No
	NB Direct On	1	1,500	1,139	0.76	C	948	0.63	B	1,182	0.79	C	944	0.63	B	0.03	0.00	No
	NB Loop On	1	1,500	906	0.60	A	1,112	0.74	C	847	0.56	A	1,123	0.75	C	(0.04)	0.01	No
	SB Off	2	2,250	1,603	0.71	C	1,205	0.54	A	1,603	0.71	C	1,205	0.54	A	0.00	0.00	No
	NB Off	1	1,500	1,196	0.80	C	1,352	0.90	D	1,184	0.79	C	1,352	0.90	D	(0.01)	0.00	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	459	0.42	A	656	0.61	B	459	0.42	A	656	0.61	B	0.00	0.00	No
	SB Loop On	1	1,500	770	0.51	A	607	0.40	A	796	0.53	A	609	0.41	A	0.02	0.01	No
	NB Direct On	1	1,500	1,426	0.95	E	1,013	0.68	B	1,429	0.95	E	1,015	0.68	B	0.00	0.00	No
	NB Loop On	1	1,500	1,474	0.98	E	1,154	0.77	C	1,471	0.98	E	1,155	0.77	C	0.00	0.00	No
	SB Off	2	3,000	2,123	0.71	C	2,452	0.82	D	2,125	0.71	C	2,452	0.82	D	0.00	0.00	No
	NB Off	1	1,500	563	0.38	A	967	0.64	B	564	0.38	A	969	0.65	B	0.00	0.01	No
I-405 at Culver Drive	SB Direct On	1	1,500	595	0.40	A	889	0.59	A	609	0.41	A	891	0.59	A	0.01	0.00	No
	SB Loop On	1	900	418	0.46	A	204	0.23	A	439	0.49	A	204	0.23	A	0.03	0.00	No
	NB Direct On	1	1,500	1,464	0.98	E	913	0.61	B	1,464	0.98	E	914	0.61	B	0.00	0.00	No
	NB Loop On	1	1,500	865	0.58	A	419	0.28	A	859	0.57	A	419	0.28	A	(0.01)	0.00	No
	SB Off	2	3,000	1,335	0.45	A	2,014	0.67	B	1,335	0.45	A	2,015	0.67	B	0.00	0.00	No
	NB Off	1	1,500	902	0.60	A	1,006	0.67	B	906	0.60	A	992	0.66	B	0.00	(0.01)	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,264	0.84	D	1,733	1.16	F	1,246	0.83	D	1,742	1.16	F	(0.01)	0.00	No
	SB Loop On	1	900	386	0.43	A	304	0.34	A	387	0.43	A	320	0.36	A	0.00	0.02	No
	NB Direct On	1	1,500	1,280	0.85	D	828	0.55	A	1,338	0.89	D	848	0.57	A	0.04	0.02	No
	NB Loop On	1	900	432	0.48	A	107	0.12	A	439	0.49	A	120	0.13	A	0.01	0.01	No
	SB Off	1	1,500	695	0.46	A	687	0.46	A	696	0.46	A	689	0.46	A	0.00	0.00	No
	NB Off	2	2,250	1,498	0.67	B	1,382	0.61	B	1,511	0.67	B	1,383	0.61	B	0.00	0.00	No

LSA

Table O: Buildout Approved Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-405 at Sand Canyon Avenue	SB Direct On	1	1,500	49	0.03	A	367	0.24	A	48	0.03	A	369	0.25	A	0.00	0.01	No
	SB Loop On	1	1,500	431	0.29	A	547	0.36	A	431	0.29	A	537	0.36	A	0.00	0.00	No
	NB Direct On	1	1,500	993	0.66	B	1,219	0.81	D	993	0.66	B	1,216	0.81	D	0.00	0.00	No
	NB Loop On	1	1,500	854	0.57	A	367	0.24	A	856	0.57	A	372	0.25	A	0.00	0.01	No
	SB Off	1	1,500	1,799	1.20	F	858	0.57	A	1,802	1.20	F	867	0.58	A	0.00	0.01	No
	NB Off	1	1,500	397	0.26	A	457	0.30	A	397	0.26	A	457	0.30	A	0.00	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	104	0.12	A	104	0.12	A	104	0.12	A	105	0.12	A	0.00	0.00	No
	SB Loop On	1	900	214	0.24	A	488	0.54	A	211	0.23	A	504	0.56	A	(0.01)	0.02	No
	NB Direct On	1	1,500	561	0.37	A	659	0.44	A	559	0.37	A	659	0.44	A	0.00	0.00	No
	NB Loop On	1	1,500	453	0.30	A	917	0.61	B	453	0.30	A	926	0.62	B	0.00	0.01	No
	SB Off	2	2,250	1,923	0.85	D	1,373	0.61	B	1,891	0.84	D	1,375	0.61	B	(0.01)	0.00	No
	NB Off	2	3,000	645	0.22	A	571	0.19	A	644	0.21	A	566	0.19	A	(0.01)	0.00	No
SR-133 at Irvine Boulevard	SB On	1	1,500	895	0.60	A	292	0.19	A	895	0.60	A	293	0.20	A	0.00	0.01	No
	NB Direct On	1	1,500	147	0.10	A	167	0.11	A	148	0.10	A	167	0.11	A	0.00	0.00	No
	NB Loop On	1	1,500	140	0.09	A	209	0.14	A	140	0.09	A	209	0.14	A	0.00	0.00	No
	SB Off	2	2,250	405	0.18	A	482	0.21	A	403	0.18	A	483	0.21	A	0.00	0.00	No
	NB Off	1	1,500	267	0.18	A	661	0.44	A	267	0.18	A	661	0.44	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	1,976	0.66	B	1,282	0.43	A	1,992	0.66	B	1,291	0.43	A	0.00	0.00	No
	NB On	1	1,500	149	0.10	A	962	0.64	B	149	0.10	A	965	0.64	B	0.00	0.00	No
	SB Off	1	1,500	1,242	0.83	D	292	0.19	A	1,225	0.82	D	290	0.19	A	(0.01)	0.00	No
	NB Off	2	3,000	1,394	0.46	A	1,824	0.61	B	1,387	0.46	A	1,840	0.61	B	0.00	0.00	No
SR-133 at Barranca Parkway	SB Loop On	1	1,080	162	0.15	A	1,024	0.95	E	162	0.15	A	1,024	0.95	E	0.00	0.00	No
	NB Direct On	1	1,080	98	0.09	A	910	0.84	D	98	0.09	A	915	0.85	D	0.00	0.01	No
	NB Loop On	1	1,500	228	0.15	A	1,100	0.73	C	227	0.15	A	1,105	0.74	C	0.00	0.01	No
	SB Off	2	3,000	2,025	0.68	B	488	0.16	A	2,031	0.68	B	494	0.16	A	0.00	0.00	No
	NB Off	2	2,250	1,256	0.56	A	435	0.19	A	1,254	0.56	A	435	0.19	A	0.00	0.00	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	1,043	0.58	A	867	0.48	A	1,043	0.58	A	871	0.48	A	0.00	0.00	No
	NB On	1	1,500	389	0.26	A	1,292	0.86	D	389	0.26	A	1,288	0.86	D	0.00	0.00	No
	SB Off	1	1,500	1,630	1.09	F	316	0.21	A	1,622	1.08	F	316	0.21	A	(0.01)	0.00	No
	NB Off	1	1,500	340	0.23	A	1,032	0.69	B	342	0.23	A	1,030	0.69	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	32	0.02	A	16	0.01	A	32	0.02	A	15	0.01	A	0.00	0.00	No
	NB On	1	1,500	71	0.05	A	464	0.31	A	81	0.05	A	450	0.30	A	0.00	(0.01)	No
	SB Off	1	1,500	605	0.40	A	60	0.04	A	583	0.39	A	70	0.05	A	(0.01)	0.01	No
	NB Off	1	1,500	12	0.01	A	31	0.02	A	12	0.01	A	32	0.02	A	0.00	0.00	No
SR-241 at Portola Parkway (West)	SB On	1	1,500	279	0.19	A	238	0.16	A	279	0.19	A	238	0.16	A	0.00	0.00	No
	NB On	1	1,500	90	0.06	A	67	0.04	A	91	0.06	A	67	0.04	A	0.00	0.00	No
	SB Off	1	1,500	90	0.06	A	66	0.04	A	90	0.06	A	66	0.04	A	0.00	0.00	No
	NB Off	1	1,500	214	0.14	A	221	0.15	A	214	0.14	A	221	0.15	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	233	0.16	A	402	0.27	A	233	0.16	A	404	0.27	A	0.00	0.00	No
	NB On	1	1,500	477	0.32	A	541	0.36	A	477	0.32	A	543	0.36	A	0.00	0.00	No
	SB Off	1	1,500	667	0.44	A	376	0.25	A	667	0.44	A	377	0.25	A	0.00	0.00	No
	NB Off	2	2,250	517	0.23	A	176	0.08	A	517	0.23	A	176	0.08	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	280	0.12	A	409	0.18	A	275	0.12	A	410	0.18	A	0.00	0.00	No
	SB Off	1	1,500	442	0.29	A	293	0.20	A	441	0.29	A	294	0.20	A	0.00	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	249	0.17	A	747	0.50	A	248	0.17	A	746	0.50	A	0.00	0.00	No
	NB On	2	2,250	593	0.26	A	327	0.15	A	593	0.26	A	327	0.15	A	0.00	0.00	No
	SB Off	1	1,500	320	0.21	A	452	0.30	A	320	0.21	A	442	0.29	A	0.00	(0.01)	No
	NB Off	2	2,250	721	0.32	A	291	0.13	A	721	0.32	A	290	0.13	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	885	0.59	A	45	0.03	A	877	0.58	A	45	0.03	A	(0.01)	0.00	No
	NB Off	1	1,500	18	0.01	A	582	0.39	A	18	0.01	A	580	0.39	A	0.00	0.00	No
SR-261 at Chapman	SB On	1	1,500	1,446	0.96	E	275	0.18	A	1,437	0.96	E	275	0.18	A	0.00	0.00	No
	NB Off	1	1,500	235	0.16	A	1,228	0.82	D	245	0.16	A	1,226	0.82	D	0.00	0.00	No
SR-261 at Portola Parkway	SB On	1	1,500	427	0.28	A	127	0.08	A	427	0.28	A	128	0.09	A	0.00	0.01	No
	NB On	1	1,500	162	0.11	A	263	0.18	A	162	0.11	A	261	0.17	A	0.00	(0.01)	No
	SB Off	1	1,500	385	0.26	A	115	0.08	A	386	0.26	A	116	0.08	A	0.00	0.00	No
	NB Off	1	1,500	79	0.05	A	330	0.22	A	80	0.05	A	331	0.22	A	0.00	0.00	No
SR-261 at Irvine Boulevard	SB On	1	1,500	491	0.33	A	174	0.12	A	493	0.33	A	174	0.12	A	0.00	0.00	No
	NB On	1	1,500	108	0.07	A	149	0.10	A	107	0.07	A	148	0.10	A	0.00	0.00	No
	SB Off	1	1,500	227	0.15	A	114	0.08	A	227	0.15	A	113	0.08	A	0.00	0.00	No
	NB Off	1	1,500	56	0.04	A	542	0.36	A	57	0.04	A	545	0.36	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

LSA

Table P: Buildout Approved Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	15,016	1.29	F	16,969	1.46	F	15,038	1.30	F	16,962	1.46	F	0.01	0.00	No
	SB	5+1H	11,600	18,626	1.61	F	14,676	1.27	F	18,584	1.60	F	14,696	1.27	F	(0.01)	0.00	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	14,597	1.26	F	16,345	1.41	F	14,615	1.26	F	16,346	1.41	F	0.00	0.00	No
	SB	5+1H	11,600	18,396	1.59	F	14,465	1.25	F	18,376	1.58	F	14,488	1.25	F	(0.01)	0.00	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	16,001	1.38	F	17,548	1.51	F	16,019	1.38	F	17,552	1.51	F	0.00	0.00	No
	SB	5+1H	11,600	18,851	1.63	F	14,883	1.28	F	18,806	1.62	F	14,910	1.29	F	(0.01)	0.01	No
I-5 north of Jamboree Road	NB	5+1H	11,600	16,287	1.40	F	17,156	1.48	F	16,320	1.41	F	17,165	1.48	F	0.01	0.00	No
	SB	5+1H	11,600	18,099	1.56	F	15,200	1.31	F	18,094	1.56	F	15,224	1.31	F	0.00	0.00	No
I-5 north of Culver Drive	NB	5+1H	11,600	16,368	1.41	F	17,094	1.47	F	16,403	1.41	F	17,111	1.48	F	0.00	0.01	No
	SB	5+1H	11,600	17,557	1.51	F	15,255	1.32	F	17,551	1.51	F	15,274	1.32	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	6+1H	13,600	15,023	1.10	F	16,191	1.19	F	15,048	1.11	F	16,170	1.19	F	0.01	0.00	No
	SB	6+1H	13,600	16,647	1.22	F	14,559	1.07	F	16,644	1.22	F	14,581	1.07	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	15,433	1.33	F	16,113	1.39	F	15,450	1.33	F	16,145	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	17,136	1.48	F	15,517	1.34	F	17,143	1.48	F	15,539	1.34	F	0.00	0.00	No
I-5 north of Alton Parkway	NB	4+1H	9,600	12,276	1.28	F	13,590	1.42	F	12,275	1.28	F	13,616	1.42	F	0.00	0.00	No
	SB	4+1H	9,600	13,339	1.39	F	11,967	1.25	F	13,359	1.39	F	11,985	1.25	F	0.00	0.00	No
I-5 north of I-405	NB	4+1H	9,600	11,955	1.25	F	10,673	1.11	F	11,981	1.25	F	10,688	1.11	F	0.00	0.00	No
	SB	4+1H	9,600	10,866	1.13	F	11,511	1.20	F	10,882	1.13	F	11,493	1.20	F	0.00	0.00	No
I-5 north of Bake Parkway	NB	9+2H	21,500	10,098	0.47	B	8,036	0.37	B	9,947	0.46	B	8,012	0.37	B	(0.01)	0.00	No
	SB	9+2H	21,500	7,495	0.35	B	8,032	0.37	B	7,527	0.35	B	8,198	0.38	B	0.00	0.01	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	21,978	1.13	F	17,197	0.88	D	21,928	1.12	F	17,182	0.88	D	(0.01)	0.00	No
	SB	8+2H	19,500	16,708	0.86	D	20,069	1.03	F	16,708	0.86	D	20,063	1.03	F	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	20,023	1.48	F	15,630	1.16	F	19,963	1.48	F	15,619	1.16	F	0.00	0.00	No
	SB	5+2H	13,500	14,824	1.10	F	18,417	1.36	F	14,825	1.10	F	18,400	1.36	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	5+1H	11,600	17,970	1.55	F	14,233	1.23	F	17,966	1.55	F	14,212	1.23	F	0.00	0.00	No
	SB	4+1H	9,600	13,608	1.42	F	17,086	1.78	F	13,600	1.42	F	17,066	1.78	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	15,960	1.66	F	12,965	1.35	F	15,930	1.66	F	12,958	1.35	F	0.00	0.00	No
	SB	4+1H	9,600	12,537	1.31	F	15,168	1.58	F	12,538	1.31	F	15,157	1.58	F	0.00	0.00	No
I-405 north of Jeffrey Road	NB	5+1H	11,600	14,947	1.29	F	13,781	1.19	F	14,977	1.29	F	13,777	1.19	F	0.00	0.00	No
	SB	5+1H	11,600	13,431	1.16	F	14,614	1.26	F	13,433	1.16	F	14,639	1.26	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	5+1H	11,600	15,559	1.34	F	14,020	1.21	F	15,571	1.34	F	13,997	1.21	F	0.00	0.00	No
	SB	5+1H	11,600	13,394	1.15	F	14,797	1.28	F	13,381	1.15	F	14,814	1.28	F	0.00	0.00	No
I-405 north of SR-133	NB	5+1H	11,600	15,556	1.34	F	12,800	1.10	F	15,556	1.34	F	12,783	1.10	F	0.00	0.00	No
	SB	5+1H	11,600	12,165	1.05	F	14,572	1.26	F	12,149	1.05	F	14,577	1.26	F	0.00	0.00	No
I-405 north of Irvine Center Drive	NB	5+1H	11,600	12,099	1.04	F	10,238	0.88	D	12,080	1.04	F	10,218	0.88	D	0.00	0.00	No
	SB	4+1H	9,600	9,354	0.97	E	11,498	1.20	F	9,339	0.97	E	11,479	1.20	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	7,994	0.83	D	6,030	0.63	C	8,038	0.84	D	6,017	0.63	C	0.01	0.00	No
	SB	4+1H	9,600	7,753	0.81	D	10,385	1.08	F	7,771	0.81	D	10,390	1.08	F	0.00	0.00	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,264	0.16	A	7,284	0.91	E	1,268	0.16	A	7,275	0.91	E	0.00	0.00	No
	SB	4	8,000	8,326	1.04	F	1,315	0.16	A	8,312	1.04	F	1,315	0.16	A	0.00	0.00	No
SR-133 north of Great Park Boulevard	NB	3	6,000	954	0.16	A	6,809	1.13	F	955	0.16	A	6,826	1.14	F	0.00	0.01	No
	SB	3	6,000	7,479	1.25	F	1,097	0.18	A	7,482	1.25	F	1,103	0.18	A	0.00	0.00	No
SR-133 north of I-5	NB	3	6,000	1,425	0.24	A	4,976	0.83	D	1,430	0.24	A	4,998	0.83	D	0.00	0.00	No
	SB	3	6,000	6,028	1.00	E	1,911	0.32	B	6,041	1.00	E	1,923	0.32	B	0.00	0.00	No
SR-133 south of I-5	NB	3	6,000	877	0.15	A	3,021	0.50	B	878	0.15	A	3,039	0.51	C	0.00	0.01	No
	SB	3	6,000	3,785	0.63	C	1,194	0.20	A	3,794	0.63	C	1,207	0.20	A	0.00	0.00	No
SR-133 north of I-405	NB	3	6,000	4,190	0.70	C	4,386	0.73	D	4,178	0.70	C	4,399	0.73	D	0.00	0.00	No
	SB	3	6,000	4,900	0.82	D	3,316	0.55	C	4,917	0.82	D	3,314	0.55	C	0.00	0.00	No
SR-133 south of I-405	NB	3	6,000	3,109	0.52	C	3,300	0.55	C	3,094	0.52	C	3,301	0.55	C	0.00	0.00	No
	SB	3	6,000	3,173	0.53	C	2,742	0.46	B	3,166	0.53	C	2,750	0.46	B	0.00	0.00	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	2,142	0.36	B	8,274	1.38	F	2,154	0.36	B	8,260	1.38	F	0.00	0.00	No
	SB	3	6,000	10,102	1.68	F	1,792	0.30	A	10,094	1.68	F	1,806	0.30	A	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	4	8,000	2,578	0.32	B	5,917	0.74	D	2,596	0.32	B	5,909	0.74	D	0.00	0.00	No
	SB	4	8,000	6,361	0.80	D	2,104	0.26	A	6,350	0.79	D	2,122	0.27	A	(0.01)	0.01	No
SR-241 north of SR-133	NB	4	8,000	2,520	0.32	B	5,484	0.69	C	2,527	0.32	B	5,491	0.69	C	0.00	0.00	No
	SB	4	8,000	5,788	0.72	D	2,060	0.26	A	5,799	0.72	D	2,067	0.26	A	0.00	0.00	No
SR-241 north of Portola Parkway	NB	5	10,000	6,567	0.66	C	2,716	0.27	A	6,544	0.65	C	2,714	0.27	A	(0.01)	0.00	No
	SB	5	10,000	2,774	0.28	A	5,261	0.53	C	2,772	0.28	A	5,251	0.53	C	0.00	0.00	No
SR-241 north of Alton Parkway	NB	5	10,000	6,892	0.69	C	3,030	0.30	A	6,867	0.69	C	3,034	0.30	A	0.00	0.00	No
	SB	5	10,000	3,162	0.32	B	5,416	0.54	C	3,168	0.32	B	5,403	0.54	C	0.00	0.00	No
SR-241 north of Lake Forest Drive	NB	4	8,000	7,801	0.98	E	2,880	0.36	B	7,774	0.97	E	2,883	0.36	B	(0.01)	0.00	No
	SB	4	8,000	2,734	0.34	B	6,179	0.77	D	2,739	0.34	B	6,168	0.77	D	0.00	0.00	No
SR-261 north of Portola Parkway	NB	4	8,000	354	0.04	A	2,677	0.33	B	354	0.04	A	2,672	0.33	B	0.00	0.00	No
	SB	4	8,000	4,189	0.52	C	386	0.05	A	4,194	0.52	C	386	0.05	A	0.00	0.00	No
SR-261 north of Irvine Boulevard	NB	4	8,000	179	0.02	A	2,360	0.30	A	179	0.02	A	2,394	0.30	A	0.00	0.00	No
	SB	4	8,000	3,466	0.43	B	207	0.03	A	3,473	0.43	B	207	0.03	A	0.00	0.00	No
SR-261 south of Irvine Boulevard	NB	4	8,000	369	0.05	A	3,123	0.39	B	376	0.05	A	3,159	0.39	B	0.00	0.00	No
	SB	4	8,000	4,121	0.52	C	493	0.06	A	4,129	0.52	C	508	0.06	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

Buildout Pending Baseline and Plus Project Traffic Volumes and LOS

Peak-Hour Intersection LOS

Table Q presents a summary of the intersection LOS for Buildout Pending (Baseline and Plus Project) conditions. As this table indicates, all study-area intersections are forecast to operate at satisfactory LOS in the Baseline (No Project) condition, except for the following locations:

- **Intersection # 34:** Red Hill Avenue/Irvine Boulevard (LOS E)
- **Intersection # 291:** Jeffrey Road/Alton Parkway (LOS E)
- **Intersection # 327:** Barranca Parkway/Technology (LOS E)
- **Intersection # 356:** Pacifica/Irvine Center Drive (LOS E)
- **Intersection # 388:** Ridge Route Drive/Avenida Carlota (LOS F)
- **Intersection # 469:** Jamboree Road/Handy Creek Road (LOS E)
- **Intersection # 470:** SR-261 SB Ramps/Handy Creek Road (LOS E)
- **Intersection # 486:** SR-133 SB Ramps/Great Park Boulevard (LOS E)
- **Intersection # 565:** Treble/Marine Way (LOS F)
- **Intersection # 566:** Marine Way/Barranca Parkway (LOS E)

With the addition of the proposed project in the Buildout Pending condition, all study area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersections. However, the intersection v/c ratio increase does not exceed the impact threshold at those locations. Therefore, the proposed project can be implemented in a Buildout Approved condition with no peak-hour LOS impacts at study area intersections.

Roadway Segment Volumes and LOS

The ADT volumes and v/c ratios for Buildout Pending Baseline (No Project) are illustrated on Figures 18 and 19, respectively. The ADT volumes and v/c ratios for Pending Approved Plus Project are illustrated on Figures 20 and 21, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Buildout Pending (Baseline and Plus Project) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments, except for the following locations:

- Jeffrey Road between the I-5 NB Ramps and Roosevelt
- Jeffrey Road between Walnut Avenue and Irvine Center Drive
- Jeffrey Road between Barranca Parkway and Alton Parkway

LSA

Table Q: Buildout Pending Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		ICU or Delay		
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.66	B	0.59	A	0.68	B	0.59	A	0.02	0.00	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.69	B	0.91	E	0.69	B	0.92	E	0.00	0.01	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.70	B	0.74	C	0.70	B	0.74	C	0.00	0.00	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.87	D	0.88	D	0.88	D	0.88	D	0.01	0.00	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.66	B	0.71	C	0.66	B	0.71	C	0.00	0.00	No
124	Jamboree Road/Portola Parkway	Tustin		0.65	B	0.76	C	0.66	B	0.75	C	0.01	(0.01)	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.88	D	0.86	D	0.88	D	0.87	D	0.00	0.01	No
126	Jamboree Road/Bryan Avenue	Tustin		0.75	C	0.76	C	0.74	C	0.76	C	(0.01)	0.00	No
127	Jamboree Road/El Camino Real	Tustin		0.77	C	0.77	C	0.77	C	0.79	C	0.00	0.02	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.81	D	0.73	C	0.82	D	0.74	C	0.01	0.01	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.71	C	0.59	A	0.71	C	0.58	A	0.00	(0.01)	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.62	B	0.57	A	0.63	B	0.57	A	0.01	0.00	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.37	A	0.68	B	0.38	A	0.69	B	0.01	0.01	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.46	A	0.62	B	0.46	A	0.62	B	0.00	0.00	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.38	A	0.84	D	0.39	A	0.85	D	0.01	0.01	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.79	C	0.91	E	0.79	C	0.92	E	0.00	0.01	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.43	A	0.59	A	0.43	A	0.59	A	0.00	0.00	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.30	A	0.60	A	0.30	A	0.59	A	0.00	(0.01)	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.56	A	0.54	A	0.56	A	0.54	A	0.00	0.00	No
	HCM			*10.9*	*B*	*7.2*	*A*	*10.9*	*B*	*7.3*	*A*	*0.0*	*0.1*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.61	B	0.48	A	0.62	B	0.00	0.01	No
	HCM			*6.9*	*A*	*13.5*	*B*	*6.9*	*A*	*13.7*	*B*	*0.0*	*0.2*	--
218	Culver Drive/Portola Parkway	Irvine		0.42	A	0.64	B	0.42	A	0.65	B	0.00	0.01	No
220	Culver Drive/Irvine Boulevard	Irvine		0.62	B	0.68	B	0.63	B	0.68	B	0.01	0.00	No
221	Culver Drive/Bryan Avenue	Irvine		0.71	C	0.67	B	0.72	C	0.68	B	0.01	0.01	No
222	Culver Drive/Trabuco Road	Irvine		0.70	B	0.79	C	0.70	B	0.78	C	0.00	(0.01)	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.65	B	0.59	A	0.66	B	0.59	A	0.01	0.00	No
224	Culver Drive/Walnut Avenue	Irvine		0.73	C	0.82	D	0.73	C	0.82	D	0.00	0.00	No
226	Culver Drive/Irvine Center Drive	Irvine		0.72	C	0.82	D	0.73	C	0.82	D	0.01	0.00	No
227	Culver Drive/Warner Avenue	Irvine		0.72	C	0.68	B	0.72	C	0.68	B	0.00	0.00	No
228	Culver Drive/Barranca Parkway	Irvine		0.71	C	0.86	D	0.71	C	0.86	D	0.00	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.71	C	0.73	C	0.71	C	0.73	C	0.00	0.00	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.60	A	0.73	C	0.60	A	0.73	C	0.00	0.00	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.64	B	0.67	B	0.64	B	0.67	B	0.00	0.00	No
235	Culver Drive/University Drive	Irvine		0.75	C	0.79	C	0.75	C	0.79	C	0.00	0.00	No
243	Yale Avenue/Portola Parkway	Irvine		0.52	A	0.58	A	0.53	A	0.59	A	0.01	0.01	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.63	B	0.80	C	0.64	B	0.80	C	0.01	0.00	No
252	Yale Avenue/Bryan Avenue	Irvine		0.34	A	0.45	A	0.35	A	0.45	A	0.01	0.00	No
255	Yale Avenue/Trabuco Road	Irvine		0.43	A	0.52	A	0.43	A	0.51	A	0.00	(0.01)	No
259	Yale Avenue/Walnut Avenue	Irvine		0.54	A	0.81	D	0.54	A	0.82	D	0.00	0.01	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.74	C	0.82	D	0.75	C	0.82	D	0.01	0.00	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.57	A	0.60	A	0.58	A	0.61	B	0.01	0.01	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.67	B	0.62	B	0.67	B	0.62	B	0.00	0.00	No
268	W. Yale Loop/Alton Parkway	Irvine		0.54	A	0.66	B	0.55	A	0.66	B	0.01	0.00	No
271	E. Yale Loop/Alton Parkway	Irvine		0.82	D	0.74	C	0.82	D	0.74	C	0.00	0.00	No
282	Jeffrey Road/Portola Parkway	Irvine		0.68	B	0.61	B	0.88	D	0.73	C	0.20	0.12	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.53	A	0.64	B	0.55	A	0.69	B	0.02	0.05	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.55	A	0.62	B	0.56	A	0.64	B	0.01	0.02	No
285	Jeffrey Road/Trabuco Road	Irvine		0.45	A	0.64	B	0.46	A	0.65	B	0.01	0.01	No
286	Jeffrey Road/Roosevelt	Irvine		0.81	D	0.70	B	0.82	D	0.71	C	0.01	0.01	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.73	C	0.79	C	0.73	C	0.80	C	0.00	0.01	No
	HCM			*18.9*	*B*	*23.3*	*C*	*19.0*	*B*	*24.5*	*C*	*0.1*	*1.2*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.83	D	0.86	D	0.82	D	0.86	D	(0.01)	0.00	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.74	C	0.77	C	0.74	C	0.79	C	0.00	0.02	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.80	C	0.80	C	0.80	C	0.80	C	0.00	0.00	No
291	Jeffrey Road/Alton Parkway	Irvine		0.92	E	0.89	D	0.92	E	0.88	D	0.00	(0.01)	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.70	B	0.72	C	0.71	C	0.72	C	0.01	0.00	No
	HCM			*26.0*	*C*	*15.0*	*B*	*30.8*	*C*	*15.2*	*B*	*4.8*	*0.2*	--
294	University Drive/I-405 SB Ramps	Irvine		0.66	B	0.53	A	0.66	B	0.53	A	0.00	0.00	No
	HCM			*6.7*	*A*	*6.0*	*A*	*6.8*	*A*	*6.1*	*A*	*0.1*	*0.1*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.49	A	0.61	B	0.49	A	0.61	B	0.00	0.00	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.55	A	0.63	B	0.55	A	0.65	B	0.00	0.02	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.55	A	0.57	A	0.55	A	0.59	A	0.00	0.02	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.86	D	0.85	D	0.86	D	0.85	D	0.00	0.00	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.66	B	0.74	C	0.66	B	0.74	C	0.00	0.00	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.69	B	0.75	C	0.69	B	0.75	C	0.00	0.00	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.70	B	0.56	A	0.71	C	0.56	A	0.01	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.62	B	0.66	B	0.64	B	0.67	B	0.02	0.01	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.64	B	0.68	B	0.65	B	0.68	B	0.01	0.00	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.60	A	0.77	C	0.59	A	0.77	C	(0.01)	0.00	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.64	B	0.45	A	0.64	B	0.45	A	0.00	0.00	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.86	D	0.50	A	0.86	D	0.50	A	0.00	0.00	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.44	A	0.53	A	0.44	A	0.53	A	0.00	0.00	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.43	A	0.56	A	0.44	A	0.56	A	0.01	0.00	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.70	B	0.61	B	0.71	C	0.61	B	0.01	0.00	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.63	B	0.48	A	0.63	B	0.00	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.58	A	0.68	B	0.58	A	0.68	B	0.00	0.00	No
318	Banting/Barranca Parkway	Irvine		0.77	C	0.61	B	0.77	C	0.61	B	0.00	0.00	No
319	Banting/Alton Parkway	Irvine		0.69	B	0.53	A	0.69	B	0.54	A	0.00	0.01	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.77	C	0.78	C	0.77	C	0.78	C	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.80	C	0.67	B	0.80	C	0.67	B	0.00	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.49	A	0.46	A	0.49	A	0.46	A	0.00	0.00	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.47	A	0.49	A	0.46	A	0.48	A	(0.01)	(0.01)	No

LSA

Table Q: Buildout Pending Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		ICU or Delay		
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.35	A	0.44	A	0.35	A	0.44	A	0.00	0.00	No
326	Ada/Barranca Parkway	Irvine		0.51	A	0.70	B	0.52	A	0.71	C	0.01	0.01	No
327	Barranca Parkway/Technology	Irvine		0.76	C	0.93	E	0.76	C	0.92	E	0.00	(0.01)	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.64	B	0.77	C	0.63	B	0.76	C	(0.01)	(0.01)	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.73	C	0.84	D	0.74	C	0.84	D	0.01	0.00	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.56	A	0.71	C	0.56	A	0.71	C	0.00	0.00	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.49	A	0.60	A	0.50	A	0.60	A	0.01	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.59	A	0.55	A	0.60	A	0.55	A	0.01	0.00	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.41	A	0.37	A	0.41	A	0.38	A	0.00	0.01	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.65	B	0.48	A	0.65	B	0.48	A	0.00	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.67	B	0.50	A	0.67	B	0.50	A	0.00	0.00	No
340	Alton Parkway/Jeronimo Road	Irvine		0.53	A	0.46	A	0.53	A	0.46	A	0.00	0.00	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.56	A	0.63	B	0.53	A	0.64	B	(0.03)	0.01	No
342	Technology Drive E./Alton Parkway	Irvine		0.56	A	0.49	A	0.56	A	0.49	A	0.00	0.00	No
343	Alton Parkway/Ada	Irvine		0.66	B	0.59	A	0.66	B	0.59	A	0.00	0.00	No
344	Alton Parkway/Technology Drive W.	Irvine		0.74	C	0.84	D	0.73	C	0.84	D	(0.01)	0.00	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.76	C	0.62	B	0.76	C	0.62	B	0.00	0.00	No
	HCM			*20.4*	*C*	*7.2*	*A*	*20.4*	*C*	*7.3*	*A*	*0.0*	*0.1*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.70	B	0.79	C	0.70	B	0.79	C	0.00	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.71	C	0.75	C	0.71	C	0.75	C	0.00	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.72	C	0.67	B	0.72	C	0.67	B	0.00	0.00	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.44	A	0.66	B	0.45	A	0.67	B	0.01	0.01	No
	HCM			*17.5*	*B*	*34.5*	*C*	*17.5*	*B*	*35.5*	*D*	*0.0*	*1.0*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.54	A	0.93	E	0.54	A	0.93	E	0.00	0.00	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.37	A	0.47	A	0.36	A	0.47	A	(0.01)	0.00	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.48	A	0.54	A	0.48	A	0.54	A	0.00	0.00	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.48	A	0.55	A	0.48	A	0.55	A	0.00	0.00	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.55	A	0.55	A	0.55	A	0.55	A	0.00	0.00	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.67	B	0.83	D	0.67	B	0.83	D	0.00	0.00	No
363	Bake Parkway/Toledo Way	Irvine		0.69	B	0.58	A	0.68	B	0.58	A	(0.01)	0.00	No
364	Bake Parkway/Jeronimo Road	Irvine		0.78	C	0.82	D	0.78	C	0.82	D	0.00	0.00	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.63	B	0.78	C	0.65	B	0.78	C	0.02	0.00	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.64	B	0.74	C	0.65	B	0.74	C	0.01	0.00	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.72	C	0.69	B	0.72	C	0.69	B	0.00	0.00	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.83	D	0.89	D	0.84	D	0.89	D	0.01	0.00	No
371	Bake Parkway/Research Drive	Irvine		0.46	A	0.49	A	0.47	A	0.48	A	0.01	(0.01)	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.36	A	0.48	A	0.36	A	0.48	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.28	A	0.34	A	0.28	A	0.34	A	0.00	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.48	A	0.57	A	0.47	A	0.57	A	(0.01)	0.00	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.43	A	0.42	A	0.43	A	0.42	A	0.00	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.61	B	0.65	B	0.61	B	0.65	B	0.00	0.00	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.54	A	0.56	A	0.54	A	0.56	A	0.00	0.00	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.59	A	0.58	A	0.58	A	0.58	A	(0.01)	0.00	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.53	A	0.70	B	0.53	A	0.70	B	0.00	0.00	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.59	A	0.72	C	0.58	A	0.72	C	(0.01)	0.00	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.43	A	0.64	B	0.43	A	0.64	B	0.00	0.00	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.65	B	0.80	C	0.65	B	0.80	C	0.00	0.00	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.58	A	0.81	D	0.58	A	0.80	C	0.00	(0.01)	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.46	A	0.63	B	0.44	A	0.62	B	(0.02)	(0.01)	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.76	C	0.74	C	0.75	C	0.74	C	(0.01)	0.00	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.88	D	1.09	F	0.88	D	1.09	F	0.00	0.00	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.42	A	0.55	A	0.43	A	0.54	A	0.01	(0.01)	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.57	A	0.58	A	0.57	A	0.59	A	0.00	0.01	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.52	A	0.69	B	0.52	A	0.68	B	0.00	(0.01)	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.61	B	0.72	C	0.62	B	0.72	C	0.01	0.00	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.58	A	0.65	B	0.57	A	0.65	B	(0.01)	0.00	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.55	A	0.72	C	0.55	A	0.72	C	0.00	0.00	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.59	A	0.63	B	0.58	A	0.63	B	(0.01)	0.00	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.54	A	0.58	A	0.54	A	0.58	A	0.00	0.00	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.68	B	0.80	C	0.68	B	0.79	C	0.00	(0.01)	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.59	A	0.61	B	0.59	A	0.61	B	0.00	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.66	B	0.76	C	0.66	B	0.76	C	0.00	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.52	A	0.72	C	0.52	A	0.72	C	0.00	0.00	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.57	A	0.69	B	0.57	A	0.69	B	0.00	0.00	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		0.11	A	0.28	A	0.11	A	0.25	A	0.00	(0.03)	No
404	SR-241 SB Ramps/Jeffrey Road	Orange County		0.22	A	0.16	A	0.22	A	0.15	A	0.00	(0.01)	No
	HCM			*8.8*	*A*	*5.2*	*A*	*8.6*	*A*	*5.4*	*A*	*(0.2)*	*0.2*	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.62	B	0.50	A	0.62	B	0.50	A	0.00	0.00	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.58	A	0.53	A	0.58	A	0.53	A	0.00	0.00	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.52	A	0.70	B	0.52	A	0.71	C	0.00	0.01	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.43	A	0.49	A	0.43	A	0.49	A	0.00	0.00	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.44	A	0.53	A	0.44	A	0.52	A	0.00	(0.01)	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.40	A	0.35	A	0.40	A	0.35	A	0.00	0.00	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.54	A	0.52	A	0.53	A	0.52	A	(0.01)	0.00	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.54	A	0.62	B	0.54	A	0.62	B	0.00	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.40	A	0.40	A	0.40	A	0.41	A	0.00	0.01	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.55	A	0.62	B	0.55	A	0.62	B	0.00	0.00	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.63	B	0.64	B	0.63	B	0.63	B	0.00	(0.01)	No
419	El Toro Road/Toledo Way	Lake Forest		0.56	A	0.42	A	0.56	A	0.42	A	0.00	0.00	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.67	B	0.71	C	0.67	B	0.70	B	0.00	(0.01)	No

LSA

Table Q: Buildout Pending Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	Baseline				Plus Project				Peak-Hour Δ		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		ICU or Delay		
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.71	C	0.65	B	0.70	B	0.65	B	(0.01)	0.00	No
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.65	B	0.69	B	0.64	B	0.70	B	(0.01)	0.01	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.58	A	0.66	B	0.59	A	0.67	B	0.01	0.01	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.50	A	0.62	B	0.50	A	0.62	B	0.00	0.00	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.35	A	0.47	A	0.35	A	0.48	A	0.00	0.01	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.51	A	0.55	A	0.51	A	0.55	A	0.00	0.00	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.51	A	0.66	B	0.51	A	0.65	B	0.00	(0.01)	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.66	B	0.78	C	0.66	B	0.78	C	0.00	0.00	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.65	B	0.69	B	0.64	B	0.69	B	(0.01)	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.70	B	0.64	B	0.70	B	0.63	B	0.00	(0.01)	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.83	D	0.76	C	0.84	D	0.76	C	0.01	0.00	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.78	C	0.70	B	0.79	C	0.70	B	0.01	0.00	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.60	A	0.76	C	0.60	A	0.76	C	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.82	D	0.82	D	0.82	D	0.82	D	0.00	0.00	No
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.66	B	0.63	B	0.65	B	0.63	B	(0.01)	0.00	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.61	B	0.73	C	0.60	A	0.73	C	(0.01)	0.00	No
437	Scientific Way/Irvine Center Drive	Irvine		0.29	A	0.38	A	0.29	A	0.37	A	0.00	(0.01)	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.41	A	0.46	A	0.41	A	0.45	A	0.00	(0.01)	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.66	B	0.74	C	0.66	B	0.74	C	0.00	0.00	No
	HCM			*49.1*	*D*	*58.1*	*E*	*49.9*	*D*	*59.6*	*E*	*0.8*	*1.5*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.66	B	0.54	A	0.66	B	0.54	A	0.00	0.00	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.57	A	0.62	B	0.57	A	0.62	B	0.00	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		0.31	A	0.28	A	0.31	A	0.28	A	0.00	0.00	No
463	Jamboree Road/Chapman Avenue	Orange		0.60	A	0.69	B	0.60	A	0.69	B	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.84	D	0.54	A	0.84	D	0.54	A	0.00	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.39	A	0.81	D	0.39	A	0.81	D	0.00	0.00	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.39	A	0.53	A	0.39	A	0.53	A	0.00	0.00	No
468	Jamboree Road/Canyon View Avenue	Orange		0.53	A	0.48	A	0.53	A	0.49	A	0.00	0.01	No
469	Jamboree Road/Handy Creek Road	Orange		0.96	E	0.72	C	0.96	E	0.73	C	0.00	0.01	No
470	SR-261 SB Ramps/Handy Creek Road	Orange		0.95	E	0.63	B	0.95	E	0.63	B	0.00	0.00	No
471	SR-261 NB Ramps/Handy Creek Road	Orange		0.23	A	0.82	D	0.23	A	0.82	D	0.00	0.00	No
477	El Camino Real N./Bryan Avenue	Irvine		0.24	A	0.52	A	0.24	A	0.52	A	0.00	0.00	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.54	A	0.67	B	0.54	A	0.67	B	0.00	0.00	No
482	Visions/Trabuco Road	Irvine		0.38	A	0.30	A	0.37	A	0.30	A	(0.01)	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.46	A	0.45	A	0.45	A	0.45	A	(0.01)	0.00	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.54	A	0.44	A	0.54	A	0.44	A	0.00	0.00	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		0.95	E	0.67	B	0.95	E	0.68	B	0.00	0.01	No
	HCM			*150+*	*F*	*47.0*	*D*	*150+*	*F*	*50.2*	*D*	--	*3.2*	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		0.56	A	0.81	D	0.56	A	0.82	D	0.00	0.01	No
	HCM			*28.2*	*C*	*116.7*	*F*	*28.6*	*C*	*118.3*	*F*	*0.4*	*1.6*	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.50	A	0.38	A	0.50	A	0.38	A	0.00	0.00	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.50	A	0.63	B	0.50	A	0.63	B	0.00	0.00	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.55	A	0.64	B	0.56	A	0.65	B	0.01	0.01	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.42	A	0.56	A	0.41	A	0.56	A	(0.01)	0.00	No
518	Alton Parkway/Commercentre	Lake Forest		0.42	A	0.53	A	0.42	A	0.53	A	0.00	0.00	No
520	Keystone/Trabuco Road	Irvine		0.53	A	0.35	A	0.54	A	0.35	A	0.01	0.00	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.58	A	0.55	A	0.58	A	0.55	A	0.00	0.00	No
556	Ridge Valley/Portola Parkway	Irvine		0.48	A	0.40	A	0.49	A	0.40	A	0.01	0.00	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.53	A	0.59	A	0.53	A	0.60	A	0.00	0.01	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.43	A	0.58	A	0.44	A	0.58	A	0.01	0.00	No
560	Ridge Valley/Marine Way	Irvine		0.63	B	0.65	B	0.63	B	0.65	B	0.00	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.57	A	0.51	A	0.57	A	0.52	A	0.00	0.01	No
562	Skyhawk/Marine Way	Irvine		0.68	B	0.67	B	0.68	B	0.67	B	0.00	0.00	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.42	A	0.52	A	0.42	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		1.03	F	0.94	E	1.04	F	0.95	E	0.01	0.01	No
566	Marine Way/Barranca Parkway	Irvine		0.51	A	0.90	D	0.51	A	0.91	E	0.00	0.01	No
567	Marine Way/Alton Parkway	Irvine		0.54	A	0.57	A	0.54	A	0.57	A	0.00	0.00	No
568	Ada/Marine Way	Irvine		0.77	C	0.77	C	0.76	C	0.77	C	(0.01)	0.00	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.90	D	1.00	E	0.91	E	0.99	E	0.01	(0.01)	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.42	A	0.34	A	0.42	A	0.00	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.57	A	0.59	A	0.57	A	0.59	A	0.00	0.00	No
575	Ridge Valley/Hornet - Decora	Irvine		0.22	A	0.38	A	0.22	A	0.39	A	0.00	0.01	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.21	A	0.37	A	0.21	A	0.37	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.51	A	0.53	A	0.51	A	0.53	A	0.00	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.42	A	0.50	A	0.43	A	0.00	0.01	No
581	Lynx/Irvine Boulevard	Irvine		0.42	A	0.44	A	0.42	A	0.44	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.56	A	0.61	B	0.57	A	0.62	B	0.01	0.01	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.89	D	0.62	B	0.89	D	0.62	B	0.00	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.31	A	0.50	A	0.31	A	0.50	A	0.00	0.00	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.39	A	0.27	A	0.39	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*8.9*	*A*	*15.3*	*C*	*8.9*	*A*	*15.2*	*C*	*0.0*	*-0.1*	--
655	Ridge Valley/Corsair	Irvine		0.28	A	0.34	A	0.28	A	0.33	A	0.00	(0.01)	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

[1] It is a roundabout.

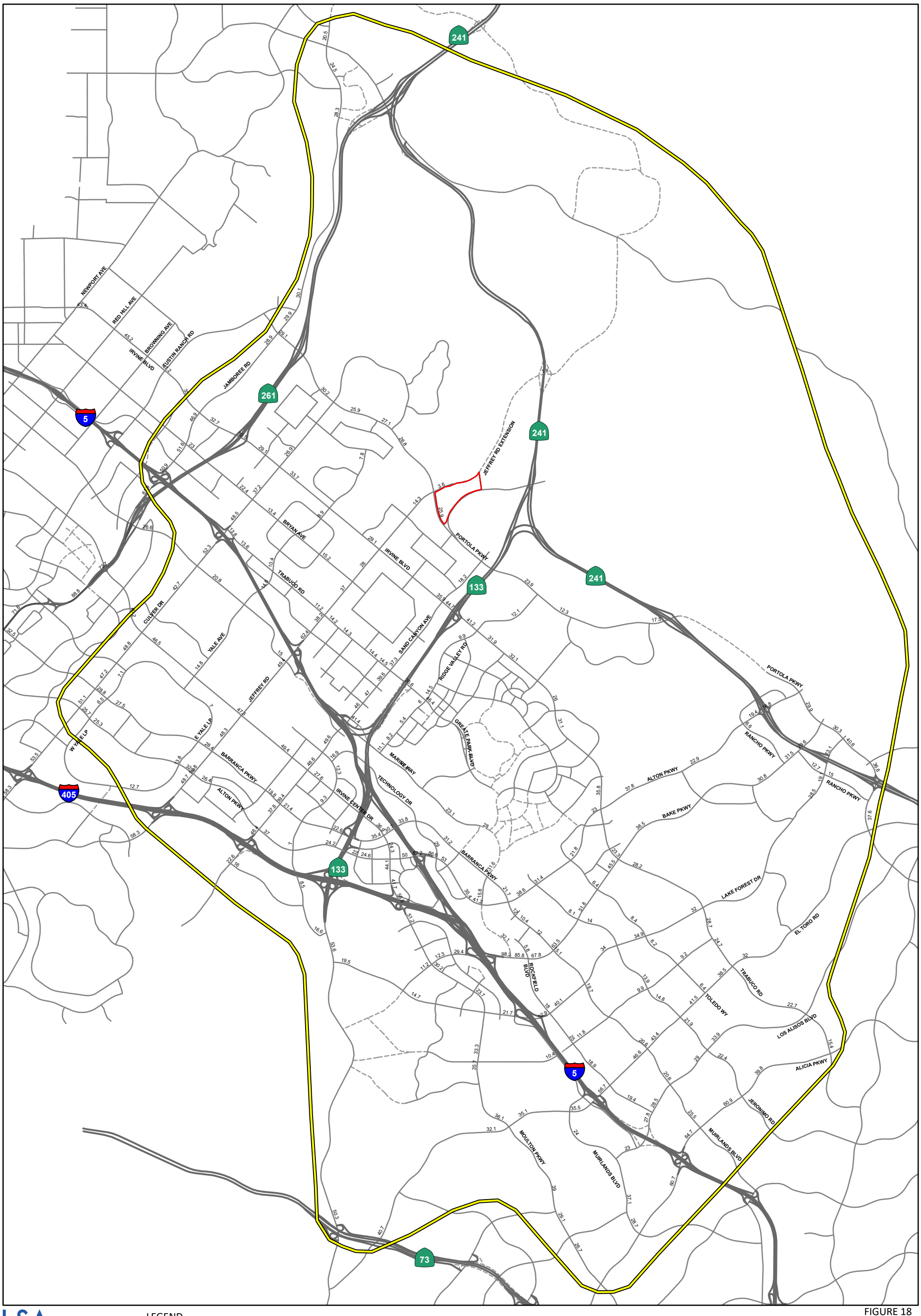

FIGURE 18

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Irvine Gateway Village

Buildout Pending Baseline ADT Volumes

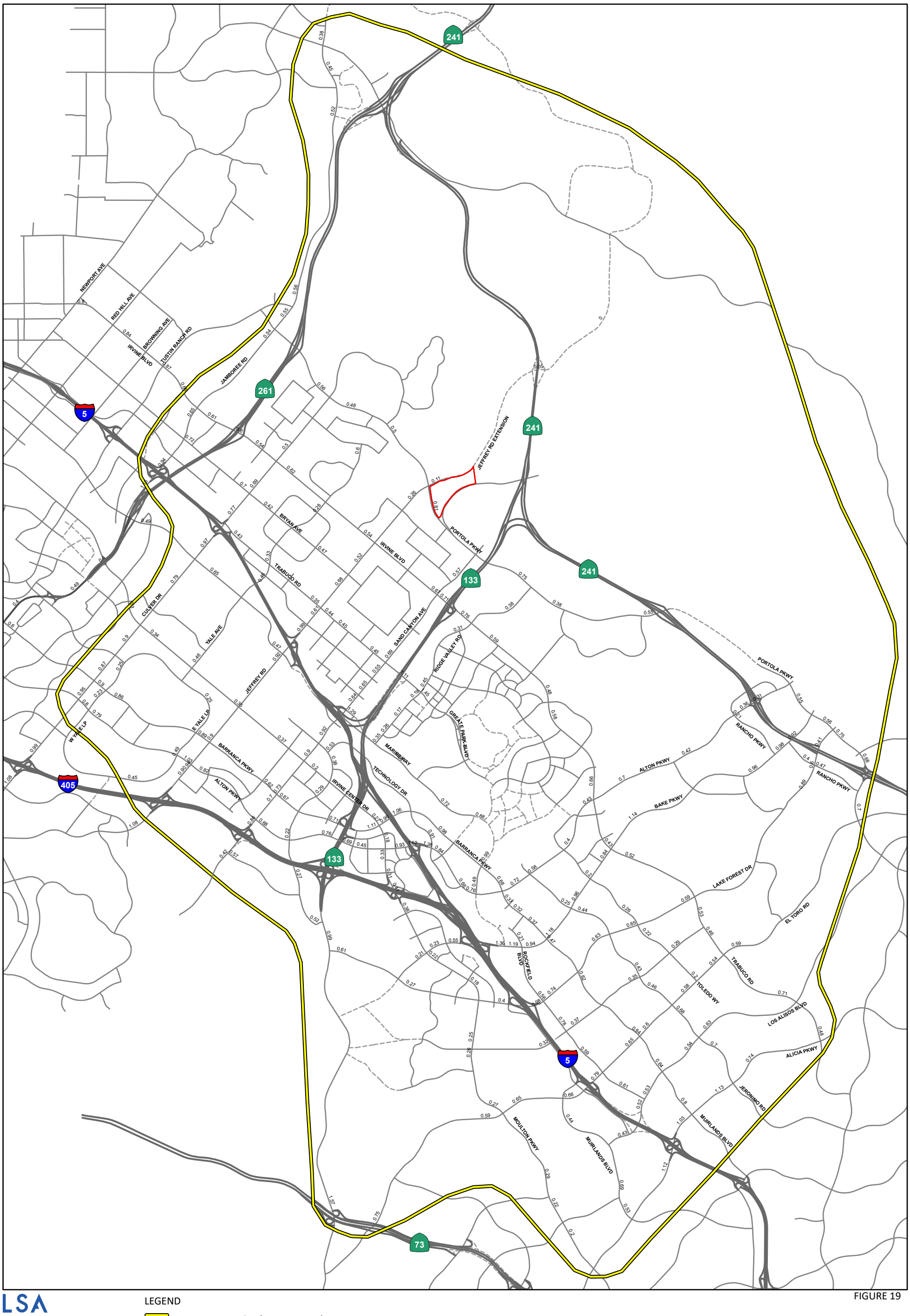

FIGURE 19

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

Irvine Gateway Village

Buildout Pending Baseline ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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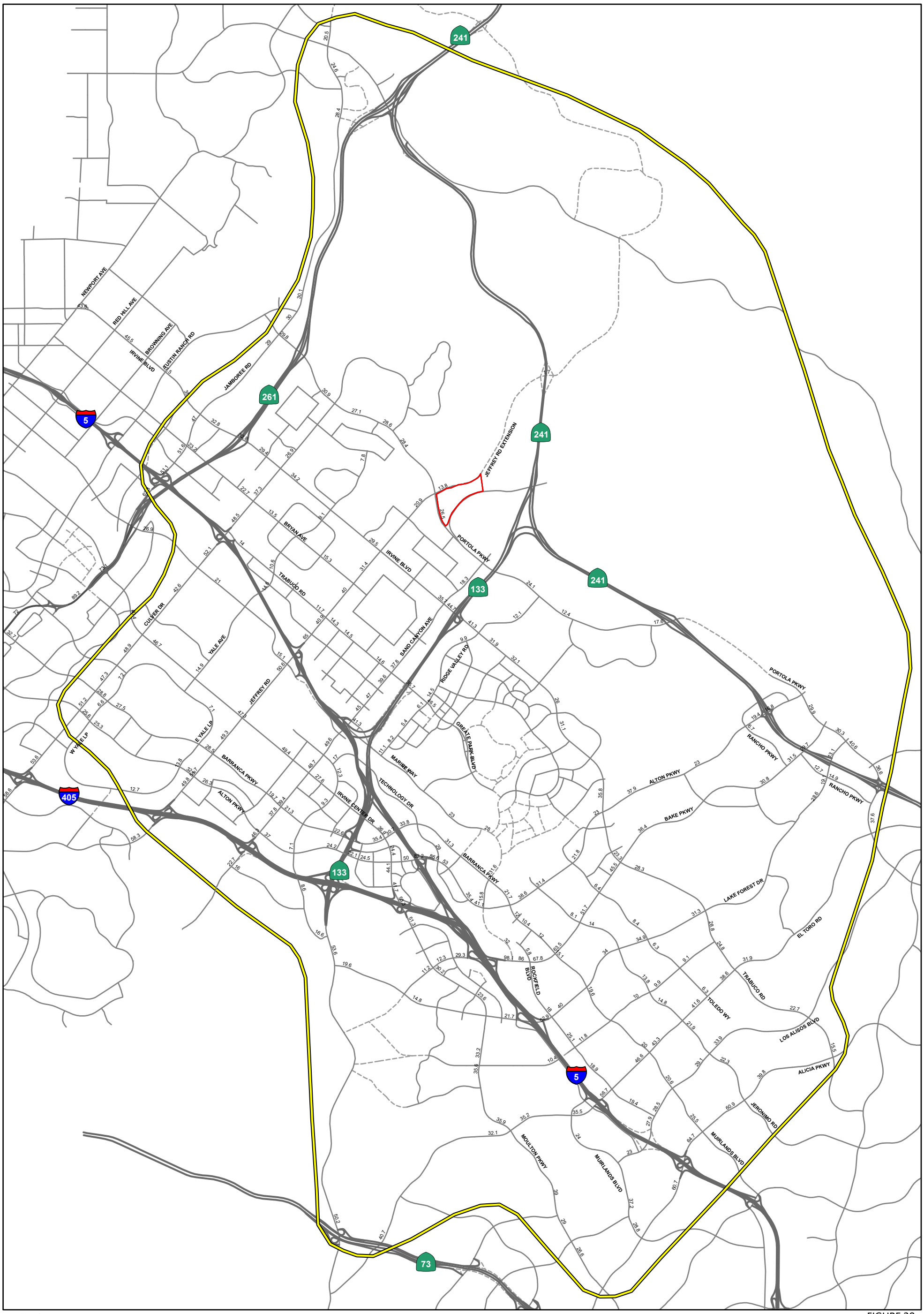

LSA

FIGURE 20

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

Irvine Gateway Village

Buildout Pending Plus Project ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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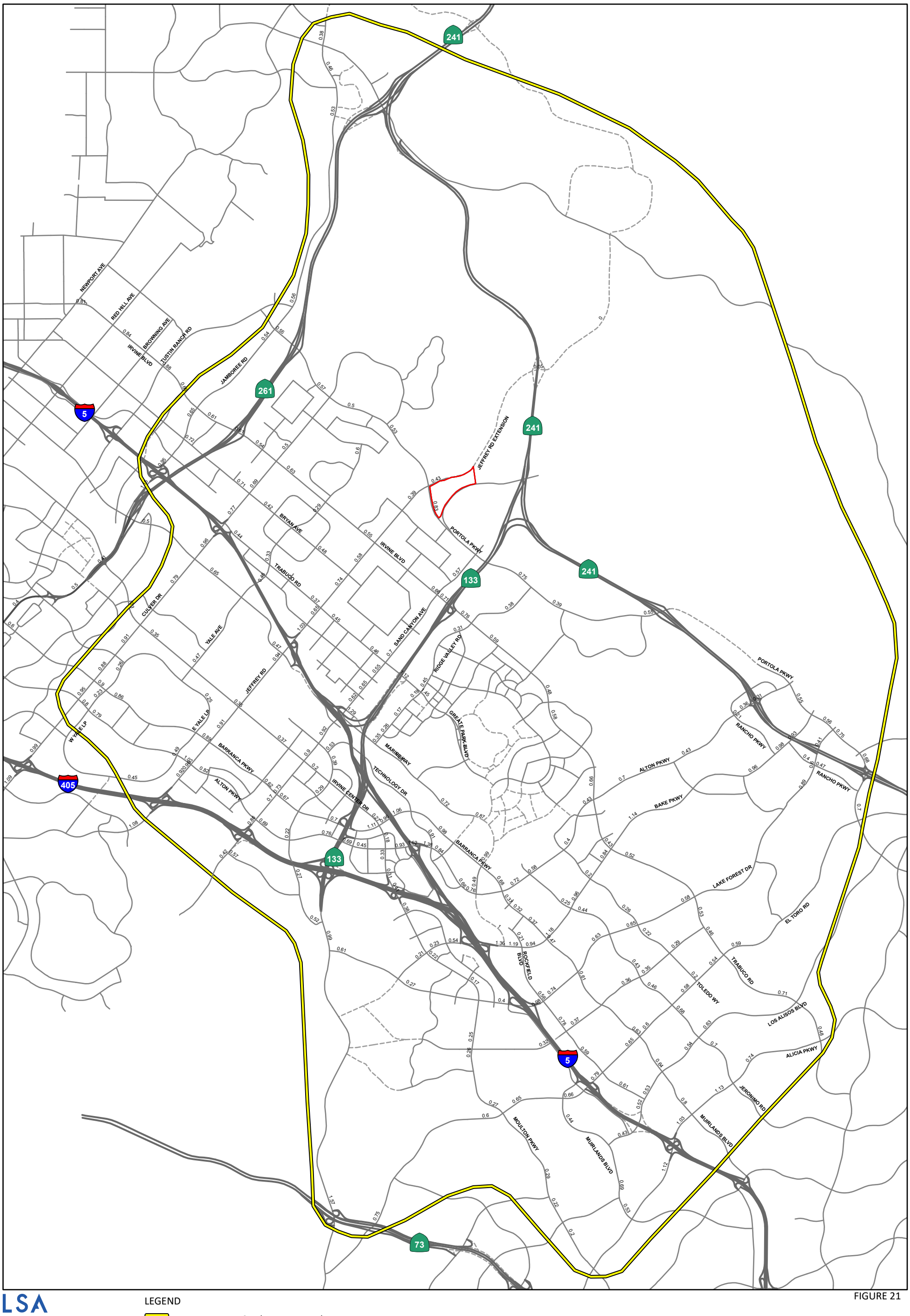

FIGURE 21

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

Irvine Gateway Village

Buildout Pending Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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The peak-hour roadway segment analysis was performed for those roadway segments on Jeffrey Road. The resulting midblock peak-hour v/c ratios for those arterial roadway segments on Jeffrey Road under the Buildout Pending (Baseline and Plus Project) conditions are summarized in Table R. As Table R indicates, those arterial roadway segments on Jeffrey Road are forecast to operate at acceptable LOS during the peak hours. Therefore, the proposed project can be implemented in a Buildout Pending condition with no LOS impacts on arterial roadway segments within the study area.

Table R: Buildout Pending Arterial Roadway Peak Hour Link Analysis Summary

Roadway Segment	Peak Hour	Direction	Peak-Hour Capacity (Vehicles/Hour)	Baseline			Plus Project			Δ v/c Ratio	Significant LOS Impact?
				Volume	v/c	LOS	Volume	v/c	LOS		
Jeffrey Road (Roosevelt to I-5 NB Ramps)	AM	NB	4,800	900	0.19	A	912	0.19	A	0.00	No
		SB	4,800	3,052	0.64	B	3,129	0.65	B	0.01	No
	PM	NB	4,800	3,371	0.70	B	3,439	0.72	C	0.02	No
		SB	4,800	1,673	0.35	A	1,713	0.36	A	0.01	No
Jeffrey Road (Walnut Avenue to Irvine Center Drive)	AM	NB	4,800	998	0.21	A	1,004	0.21	A	0.00	No
		SB	4,800	2,475	0.52	A	2,491	0.52	A	0.00	No
	PM	NB	4,800	2,159	0.45	A	2,174	0.45	A	0.00	No
		SB	4,800	1,740	0.36	A	1,769	0.37	A	0.01	No
Jeffrey Road (Barranca Parkway to Alton Parkway)	AM	NB	4,800	1,332	0.28	A	1,326	0.28	A	0.00	No
		SB	4,800	2,316	0.48	A	2,327	0.48	A	0.00	No
	PM	NB	4,800	1,931	0.40	A	1,936	0.40	A	0.00	No
		SB	4,800	2,075	0.43	A	2,102	0.44	A	0.01	No

Source: Compiled by LSA (2024).
Δ = change
I-5 = Interstate 5
LOS = level of service
NB = northbound
SB = southbound
v/c = volume-to-capacity ratio

Peak-Hour Freeway/Tollway Ramp LOS

A summary of freeway/tollway ramp LOS for Buildout Pending (Baseline and Plus Project) is presented in Table S.

Based on the v/c performance criteria discussed above, several freeway/tollway ramps in the study area are forecast to operate deficiently in the Buildout Pending (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those ramp locations. Therefore, the proposed project can be implemented in a Buildout Pending condition with no peak-hour LOS impacts on freeway/tollway ramps in the study area.

LSA

Table S: Buildout Pending Freeway/Tollway Ramp LOS Summary

Interchange	Ramp	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 at Jamboree Road	SB Direct On	1	1,500	489	0.33	A	1,353	0.90	D	489	0.33	A	1,358	0.91	E	0.00	0.01	No
	SB Loop On	1	1,080	879	0.81	D	530	0.49	A	867	0.80	C	532	0.49	A	(0.01)	0.00	No
	NB Direct On	1	1,080	817	0.76	C	401	0.37	A	817	0.76	C	374	0.35	A	0.00	(0.02)	No
	NB Loop On	1	1,080	503	0.47	A	432	0.40	A	501	0.46	A	416	0.39	A	(0.01)	(0.01)	No
	SB Off	2	3,000	1,501	0.50	A	1,232	0.41	A	1,502	0.50	A	1,244	0.41	A	0.00	0.00	No
	NB Off	1	1,500	1,464	0.98	E	1,501	1.00	E	1,465	0.98	E	1,509	1.00	E	0.00	0.00	No
I-5 at Culver Drive	SB Direct On	1	900	381	0.42	A	492	0.55	A	383	0.43	A	494	0.55	A	0.01	0.00	No
	SB Loop On	1	900	847	0.94	E	377	0.42	A	850	0.94	E	378	0.42	A	0.00	0.00	No
	NB Direct On	1	900	840	0.93	E	775	0.86	D	876	0.97	E	787	0.87	D	0.04	0.01	No
	NB Loop On	1	1,500	1,050	0.70	B	526	0.35	A	1,050	0.70	B	526	0.35	A	0.00	0.00	No
	SB Off	2	2,250	1,381	0.61	B	1,782	0.79	C	1,381	0.61	B	1,789	0.80	C	0.00	0.01	No
	NB Off	1	1,500	651	0.43	A	976	0.65	B	647	0.43	A	971	0.65	B	0.00	0.00	No
I-5 at Jeffrey Road	SB On	1	1,080	1,357	1.26	F	1,435	1.33	F	1,365	1.26	F	1,439	1.33	F	0.00	0.00	No
	NB Direct On	1	1,080	838	0.78	C	472	0.44	A	866	0.80	C	477	0.44	A	0.02	0.00	No
	NB Loop On	1	1,500	285	0.19	A	416	0.28	A	298	0.20	A	407	0.27	A	0.01	(0.01)	No
	SB Off	1	1,500	578	0.39	A	965	0.64	B	587	0.39	A	965	0.64	B	0.00	0.00	No
	NB Off	2	2,250	1,195	0.53	A	1,440	0.64	B	1,188	0.53	A	1,469	0.65	B	0.00	0.01	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	792	0.53	A	817	0.54	A	793	0.53	A	817	0.54	A	0.00	0.00	No
	NB On	1	1,500	933	0.62	B	948	0.63	B	929	0.62	B	944	0.63	B	0.00	0.00	No
	SB Off	2	2,250	1,094	0.49	A	1,272	0.57	A	1,094	0.49	A	1,276	0.57	A	0.00	0.00	No
	NB Off	2	2,250	803	0.36	A	1,461	0.65	B	804	0.36	A	1,460	0.65	B	0.00	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	173	0.12	A	268	0.18	A	169	0.11	A	269	0.18	A	(0.01)	0.00	No
	SB Off	1	1,500	296	0.20	A	225	0.15	A	295	0.20	A	227	0.15	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	125	0.08	A	630	0.42	A	125	0.08	A	630	0.42	A	0.00	0.00	No
	NB Direct On	2	1,800	937	0.52	A	1,211	0.67	B	920	0.51	A	1,212	0.67	B	(0.01)	0.00	No
	NB Loop On	1	1,500	228	0.15	A	729	0.49	A	226	0.15	A	736	0.49	A	0.00	0.00	No
	SB Off	2	2,250	1,993	0.89	D	1,593	0.71	C	1,994	0.89	D	1,605	0.71	C	0.00	0.00	No
	NB Off	2	2,250	1,285	0.57	A	342	0.15	A	1,286	0.57	A	342	0.15	A	0.00	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	101	0.07	A	75	0.05	A	100	0.07	A	75	0.05	A	0.00	0.00	No
	SB Loop On	1	1,080	618	0.57	A	937	0.87	D	603	0.56	A	945	0.88	D	(0.01)	0.01	No
	NB Direct On	2	3,400	2,124	0.62	B	2,425	0.71	C	2,161	0.64	B	2,425	0.71	C	0.02	0.00	No
	NB Loop On	1	1,500	228	0.15	A	686	0.46	A	228	0.15	A	693	0.46	A	0.00	0.00	No
	SB Off	3	4,500	3,642	0.81	D	2,969	0.66	B	3,626	0.81	D	2,957	0.66	B	0.00	0.00	No
	NB Off	2	3,000	968	0.32	A	630	0.21	A	968	0.32	A	623	0.21	A	0.00	0.00	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	681	0.45	A	1,068	0.71	C	681	0.45	A	1,070	0.71	C	0.00	0.00	No
	SB Loop On	1	1,080	491	0.45	A	465	0.43	A	491	0.45	A	466	0.43	A	0.00	0.00	No
	NB On	2	1,800	1,202	0.67	B	921	0.51	A	1,202	0.67	B	920	0.51	A	0.00	0.00	No
	SB Off	2	3,000	1,881	0.63	B	2,588	0.86	D	1,881	0.63	B	2,589	0.86	D	0.00	0.00	No
	NB Off	1	1,500	988	0.66	B	836	0.56	A	988	0.66	B	839	0.56	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	366	0.34	A	543	0.50	A	373	0.35	A	543	0.50	A	0.01	0.00	No
	SB Loop On	1	1,500	966	0.64	B	1,159	0.77	C	971	0.65	B	1,168	0.78	C	0.01	0.01	No
	NB Direct On	1	1,500	1,151	0.77	C	942	0.63	B	1,191	0.79	C	927	0.62	B	0.02	(0.01)	No
	NB Loop On	1	1,500	842	0.56	A	1,090	0.73	C	824	0.55	A	1,111	0.74	C	(0.01)	0.01	No
	SB Off	2	2,250	1,599	0.71	C	1,235	0.55	A	1,598	0.71	C	1,236	0.55	A	0.00	0.00	No
	NB Off	1	1,500	1,228	0.82	D	1,369	0.91	E	1,212	0.81	D	1,371	0.91	E	(0.01)	0.00	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	465	0.43	A	660	0.61	B	465	0.43	A	661	0.61	B	0.00	0.00	No
	SB Loop On	1	1,500	942	0.63	B	571	0.38	A	976	0.65	B	571	0.38	A	0.02	0.00	No
	NB Direct On	1	1,500	1,423	0.95	E	1,039	0.69	B	1,392	0.93	E	1,039	0.69	B	(0.02)	0.00	No
	NB Loop On	1	1,500	1,534	1.02	F	1,215	0.81	D	1,534	1.02	F	1,214	0.81	D	0.00	0.00	No
	SB Off	2	3,000	2,116	0.71	C	2,452	0.82	D	2,116	0.71	C	2,452	0.82	D	0.00	0.00	No
	NB Off	1	1,500	770	0.51	A	1,067	0.71	C	773	0.52	A	1,066	0.71	C	0.01	0.00	No
I-405 at Culver Drive	SB Direct On	1	1,500	685	0.46	A	902	0.60	A	686	0.46	A	911	0.61	B	0.00	0.01	No
	SB Loop On	1	900	542	0.60	A	204	0.23	A	539	0.60	A	211	0.23	A	0.00	0.00	No
	NB Direct On	1	1,500	1,470	0.98	E	907	0.60	A	1,470	0.98	E	908	0.61	B	0.00	0.01	No
	NB Loop On	1	1,500	865	0.58	A	395	0.26	A	867	0.58	A	396	0.26	A	0.00	0.00	No
	SB Off	2	3,000	1,320	0.44	A	2,017	0.67	B	1,320	0.44	A	2,018	0.67	B	0.00	0.00	No
	NB Off	1	1,500	911	0.61	B	1,058	0.71	C	909	0.61	B	1,055	0.70	B	0.00	(0.01)	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,197	0.80	C	1,939	1.29	F	1,200	0.80	C	1,940	1.29	F	0.00	0.00	No
	SB Loop On	1	900	558	0.62	B	477	0.53	A	603	0.67	B	515	0.57	A	0.05	0.04	No
	NB Direct On	1	1,500	1,561	1.04	F	828	0.55	A	1,536	1.02	F	813	0.54	A	(0.02)	(0.01)	No
	NB Loop On	1	900	412	0.46	A	97	0.11	A	412	0.46	A	97	0.11	A	0.00	0.00	No
	SB Off	1	1,500	698	0.47	A	703	0.47	A	699	0.47	A	707	0.47	A	0.00	0.00	No
	NB Off	2	2,250	1,446	0.64	B	1,382	0.61	B	1,443	0.64	B	1,380	0.61	B	0.00	0.00	No

LSA

Table S: Buildout Pending Freeway/Tollway Ramp LOS Summary (Continue)

Interchange	Ramp	Lanes	Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-405 at Sand Canyon Avenue	SB Direct On	1	1,500	48	0.03	A	562	0.37	A	48	0.03	A	568	0.38	A	0.00	0.01	No
	SB Loop On	1	1,500	442	0.29	A	547	0.36	A	443	0.30	A	556	0.37	A	0.01	0.01	No
	NB Direct On	1	1,500	1,019	0.68	B	1,236	0.82	D	1,025	0.68	B	1,228	0.82	D	0.00	0.00	No
	NB Loop On	1	1,500	877	0.58	A	387	0.26	A	876	0.58	A	390	0.26	A	0.00	0.00	No
	SB Off	1	1,500	1,825	1.22	F	1,027	0.68	B	1,825	1.22	F	1,030	0.69	B	0.00	0.01	No
	NB Off	1	1,500	401	0.27	A	458	0.31	A	401	0.27	A	458	0.31	A	0.00	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	103	0.11	A	102	0.11	A	103	0.11	A	102	0.11	A	0.00	0.00	No
	SB Loop On	1	900	174	0.19	A	433	0.48	A	175	0.19	A	422	0.47	A	0.00	(0.01)	No
	NB Direct On	1	1,500	902	0.60	A	709	0.47	A	906	0.60	A	712	0.47	A	0.00	0.00	No
	NB Loop On	1	1,500	403	0.27	A	950	0.63	B	401	0.27	A	948	0.63	B	0.00	0.00	No
	SB Off	2	2,250	1,878	0.83	D	1,541	0.68	B	1,902	0.85	D	1,545	0.69	B	0.02	0.01	No
	NB Off	2	3,000	635	0.21	A	511	0.17	A	631	0.21	A	510	0.17	A	0.00	0.00	No
SR-133 at Irvine Boulevard	SB On	1	1,500	894	0.60	A	288	0.19	A	894	0.60	A	288	0.19	A	0.00	0.00	No
	NB Direct On	1	1,500	139	0.09	A	153	0.10	A	140	0.09	A	153	0.10	A	0.00	0.00	No
	NB Loop On	1	1,500	140	0.09	A	209	0.14	A	142	0.09	A	197	0.13	A	0.00	(0.01)	No
	SB Off	2	2,250	384	0.17	A	490	0.22	A	380	0.17	A	489	0.22	A	0.00	0.00	No
	NB Off	1	1,500	268	0.18	A	646	0.43	A	268	0.18	A	647	0.43	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	1,975	0.66	B	1,436	0.48	A	1,991	0.66	B	1,450	0.48	A	0.00	0.00	No
	NB On	1	1,500	239	0.16	A	903	0.60	A	242	0.16	A	943	0.63	B	0.00	0.03	No
	SB Off	1	1,500	1,331	0.89	D	388	0.26	A	1,342	0.89	D	387	0.26	A	0.00	0.00	No
	NB Off	2	3,000	1,434	0.48	A	1,881	0.63	B	1,447	0.48	A	1,896	0.63	B	0.00	0.00	No
SR-133 at Barranca Parkway	SB Loop On	1	1,080	519	0.48	A	1,048	0.97	E	517	0.48	A	1,052	0.97	E	0.00	0.00	No
	NB Direct On	1	1,080	200	0.19	A	855	0.79	C	206	0.19	A	854	0.79	C	0.00	0.00	No
	NB Loop On	1	1,500	294	0.20	A	1,069	0.71	C	299	0.20	A	1,068	0.71	C	0.00	0.00	No
	SB Off	2	3,000	2,035	0.68	B	559	0.19	A	2,037	0.68	B	567	0.19	A	0.00	0.00	No
	NB Off	2	2,250	1,227	0.55	A	872	0.39	A	1,225	0.54	A	870	0.39	A	(0.01)	0.00	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	977	0.54	A	1,023	0.57	A	974	0.54	A	1,028	0.57	A	0.00	0.00	No
	NB On	1	1,500	391	0.26	A	1,226	0.82	D	392	0.26	A	1,224	0.82	D	0.00	0.00	No
	SB Off	1	1,500	1,577	1.05	F	342	0.23	A	1,573	1.05	F	343	0.23	A	0.00	0.00	No
	NB Off	1	1,500	408	0.27	A	1,049	0.70	B	410	0.27	A	1,049	0.70	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	0	0.00	A	0	0.00	A	0	0.00	A	0	0.00	A	0.00	0.00	No
	NB On	1	1,500	97	0.06	A	387	0.26	A	108	0.07	A	343	0.23	A	0.01	(0.03)	No
	SB Off	1	1,500	547	0.36	A	85	0.06	A	541	0.36	A	99	0.07	A	0.00	0.01	No
	NB Off	1	1,500	0	0.00	A	0	0.00	A	1	0.00	A	0	0.00	A	0.00	0.00	No
SR-241 at Portola Parkway (West)	SB On	1	1,500	278	0.19	A	236	0.16	A	278	0.19	A	236	0.16	A	0.00	0.00	No
	NB On	1	1,500	107	0.07	A	64	0.04	A	107	0.07	A	64	0.04	A	0.00	0.00	No
	SB Off	1	1,500	90	0.06	A	63	0.04	A	90	0.06	A	63	0.04	A	0.00	0.00	No
	NB Off	1	1,500	225	0.15	A	223	0.15	A	224	0.15	A	223	0.15	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	255	0.17	A	359	0.24	A	255	0.17	A	359	0.24	A	0.00	0.00	No
	NB On	1	1,500	512	0.34	A	505	0.34	A	514	0.34	A	506	0.34	A	0.00	0.00	No
	SB Off	1	1,500	653	0.44	A	382	0.25	A	653	0.44	A	383	0.26	A	0.00	0.01	No
	NB Off	2	2,250	471	0.21	A	138	0.06	A	471	0.21	A	138	0.06	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	431	0.19	A	400	0.18	A	425	0.19	A	402	0.18	A	0.00	0.00	No
	SB Off	1	1,500	416	0.28	A	297	0.20	A	417	0.28	A	297	0.20	A	0.00	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	233	0.16	A	663	0.44	A	233	0.16	A	663	0.44	A	0.00	0.00	No
	NB On	2	2,250	595	0.26	A	290	0.13	A	596	0.26	A	291	0.13	A	0.00	0.00	No
	SB Off	1	1,500	320	0.21	A	487	0.32	A	320	0.21	A	492	0.33	A	0.00	0.01	No
	NB Off	2	2,250	681	0.30	A	291	0.13	A	678	0.30	A	293	0.13	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	563	0.38	A	40	0.03	A	559	0.37	A	41	0.03	A	(0.01)	0.00	No
	NB Off	1	1,500	24	0.02	A	424	0.28	A	25	0.02	A	425	0.28	A	0.00	0.00	No
SR-261 at Chapman	SB On	1	1,500	1,462	0.97	E	325	0.22	A	1,462	0.97	E	325	0.22	A	0.00	0.00	No
	NB Off	1	1,500	311	0.21	A	1,178	0.79	C	311	0.21	A	1,175	0.78	C	0.00	(0.01)	No
SR-261 at Portola Parkway	SB On	1	1,500	423	0.28	A	127	0.08	A	424	0.28	A	128	0.09	A	0.00	0.01	No
	NB On	1	1,500	143	0.10	A	147	0.10	A	142	0.09	A	145	0.10	A	(0.01)	0.00	No
	SB Off	1	1,500	330	0.22	A	125	0.08	A	334	0.22	A	125	0.08	A	0.00	0.00	No
	NB Off	1	1,500	79	0.05	A	336	0.22	A	79	0.05	A	336	0.22	A	0.00	0.00	No
SR-261 at Irvine Boulevard	SB On	1	1,500	497	0.33	A	175	0.12	A	504	0.34	A	175	0.12	A	0.01	0.00	No
	NB On	1	1,500	107	0.07	A	148	0.10	A	108	0.07	A	149	0.10	A	0.00	0.00	No
	SB Off	1	1,500	225	0.15	A	112	0.07	A	225	0.15	A	112	0.07	A	0.00	0.00	No
	NB Off	1	1,500	56	0.04	A	554	0.37	A	57	0.04	A	557	0.37	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

The conversion of the HOV preferential on-ramp to a second metered mixed-flow lane at the I-5 SB on-ramp at Jeffrey Road will increase the on-ramp capacity and reduce the project's LOS impact. This is also identified as a "partially funded" NITM improvement. As such, the project will participate in the implementation of this proposed mitigation improvement on a fair-share basis to mitigate its impact utilizing the methodology applied in the NITM program for determining fair share. The fair share calculation is based on the project's proportion of the forecasted Buildout Pending peak-hour volume ([plus project peak-hour volume - baseline peak-hour volume]/plus project peak-hour volume). As shown in Table S, the Buildout Pending Baseline p.m. peak-hour volume at this ramp is 1,428, and the Buildout Pending Plus Project p.m. peak-hour volume at this ramp is 1,443, which results in a 1.04 percent fair share contribution.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Buildout Pending (Baseline and Plus Project) is presented in Table T.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Buildout Pending (Baseline and Plus Project) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the proposed project can be implemented in a Buildout Pending condition with no peak-hour LOS impacts on freeway/tollway mainline segments within the study area.

SPECIAL ISSUES

Access to the project site will be provided via three full-access driveways (A, B, and C Streets) on Jeffrey Road and an RIRO driveway (E Street) on Portola Parkway. Two scenarios have been evaluated for the access analysis of this project:

- **Existing (Baseline and Plus Project) Scenario**: Under this scenario, the extension of Jeffrey Road towards SR-241, based on the City's Master Plan of Arterial Highways (MPAH), does not exist. As recently constructed, Jeffrey Road (north of Portola Parkway) is a four-lane Primary roadway, and it terminates near C Street (approximately 3,100 feet north of Portola Parkway). This segment currently provides access to existing uses, including electrical substations on the west side of Jeffrey Road and the Irvine Ranch Conservancy Native Seed Farm and other small businesses on the east side of Jeffrey Road. The cross-section measurement for Jeffrey Road north of Portola Parkway to C Street is approximately 33 feet in each direction, which is wide enough to provide two through lanes with on-street bike lanes.

  With the development of the proposed project, the segment of Jeffrey Road (north of Portola Parkway) will allow traffic to access the project site via three driveways on Jeffrey Road. As confirmed with City staff, the roadway segment of Jeffrey Road between Portola Parkway and C Street would continue to be a four-lane facility. At each project driveway (A, B, and C Streets) on Jeffrey Road, an NB de-facto right-turn lane would be provided. In addition, a 150-foot dedicated SB left-turn lane with a 90-foot taper would be provided at A and B Streets. Figure 22 shows the roadway configuration of Jeffrey Road between Portola Parkway and C Street in the Existing Plus Project condition.

LSA

Table T: Buildout Pending Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	Baseline						Plus Project						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	16,295	1.40	F	16,719	1.44	F	16,340	1.41	F	16,718	1.44	F	0.01	0.00	No
	SB	5+1H	11,600	17,809	1.54	F	16,055	1.38	F	17,834	1.54	F	16,088	1.39	F	0.00	0.01	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	15,766	1.36	F	16,164	1.39	F	15,803	1.36	F	16,153	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	17,610	1.52	F	15,861	1.37	F	17,628	1.52	F	15,893	1.37	F	0.00	0.00	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	17,303	1.49	F	17,467	1.51	F	17,347	1.50	F	17,468	1.51	F	0.01	0.00	No
	SB	5+1H	11,600	18,060	1.56	F	16,383	1.41	F	18,076	1.56	F	16,419	1.42	F	0.00	0.01	No
I-5 north of Jamboree Road	NB	5+1H	11,600	17,807	1.54	F	17,169	1.48	F	17,857	1.54	F	17,173	1.48	F	0.00	0.00	No
	SB	5+1H	11,600	17,458	1.51	F	16,731	1.44	F	17,486	1.51	F	16,762	1.45	F	0.00	0.01	No
I-5 north of Culver Drive	NB	5+1H	11,600	18,124	1.56	F	17,163	1.48	F	18,178	1.57	F	17,171	1.48	F	0.01	0.00	No
	SB	5+1H	11,600	17,075	1.47	F	16,897	1.46	F	17,067	1.47	F	16,922	1.46	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	6+1H	13,600	16,760	1.23	F	16,136	1.19	F	16,775	1.23	F	16,126	1.19	F	0.00	0.00	No
	SB	6+1H	13,600	16,296	1.20	F	16,044	1.18	F	16,296	1.20	F	16,062	1.18	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	17,287	1.49	F	16,118	1.39	F	17,281	1.49	F	16,137	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	16,812	1.45	F	16,978	1.46	F	16,805	1.45	F	17,003	1.47	F	0.00	0.01	No
I-5 north of Alton Parkway	NB	4+1H	9,600	13,060	1.36	F	13,405	1.40	F	13,035	1.36	F	13,422	1.40	F	0.00	0.00	No
	SB	4+1H	9,600	13,202	1.38	F	12,190	1.27	F	13,216	1.38	F	12,206	1.27	F	0.00	0.00	No
I-5 north of I-405	NB	4+1H	9,600	11,726	1.22	F	10,653	1.11	F	11,731	1.22	F	10,660	1.11	F	0.00	0.00	No
	SB	4+1H	9,600	10,848	1.13	F	11,173	1.16	F	10,864	1.13	F	11,192	1.17	F	0.00	0.01	No
I-5 north of Bake Parkway	NB	9+2H	21,500	9,586	0.45	B	7,938	0.37	B	9,618	0.45	B	7,965	0.37	B	0.00	0.00	No
	SB	9+2H	21,500	7,312	0.34	B	7,778	0.36	B	7,407	0.34	B	7,722	0.36	B	0.00	0.00	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	21,411	1.10	F	17,025	0.87	D	21,373	1.10	F	17,002	0.87	D	0.00	0.00	No
	SB	8+2H	19,500	16,816	0.86	D	19,600	1.01	F	16,808	0.86	D	19,604	1.01	F	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	19,330	1.43	F	15,429	1.14	F	19,352	1.43	F	15,422	1.14	F	0.00	0.00	No
	SB	5+2H	13,500	14,939	1.11	F	17,789	1.32	F	14,935	1.11	F	17,794	1.32	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	5+1H	11,600	17,431	1.50	F	14,082	1.21	F	17,465	1.51	F	14,065	1.21	F	0.01	0.00	No
	SB	4+1H	9,600	13,865	1.44	F	16,516	1.72	F	13,871	1.44	F	16,499	1.72	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	15,686	1.63	F	12,874	1.34	F	15,673	1.63	F	12,864	1.34	F	0.00	0.00	No
	SB	4+1H	9,600	12,826	1.34	F	14,951	1.56	F	12,823	1.34	F	14,929	1.56	F	0.00	0.00	No
I-405 north of Jeffrey Road	NB	5+1H	11,600	16,537	1.43	F	14,572	1.26	F	16,553	1.43	F	14,576	1.26	F	0.00	0.00	No
	SB	5+1H	11,600	13,679	1.18	F	16,073	1.39	F	13,663	1.18	F	16,102	1.39	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	5+1H	11,600	16,966	1.46	F	14,675	1.27	F	16,969	1.46	F	14,654	1.26	F	0.00	(0.01)	No
	SB	5+1H	11,600	13,587	1.17	F	16,012	1.38	F	13,570	1.17	F	16,023	1.38	F	0.00	0.00	No
I-405 north of SR-133	NB	5+1H	11,600	16,640	1.43	F	13,441	1.16	F	16,635	1.43	F	13,421	1.16	F	0.00	0.00	No
	SB	5+1H	11,600	12,359	1.07	F	15,708	1.35	F	12,341	1.06	F	15,724	1.36	F	(0.01)	0.01	No
I-405 north of Irvine Center Drive	NB	5+1H	11,600	12,817	1.10	F	10,388	0.90	E	12,803	1.10	F	10,366	0.89	D	0.00	(0.01)	No
	SB	4+1H	9,600	9,441	0.98	E	11,862	1.24	F	9,420	0.98	E	11,860	1.24	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	7,973	0.83	D	5,877	0.61	C	8,080	0.84	D	5,864	0.61	C	0.01	0.00	No
	SB	4+1H	9,600	7,837	0.82	D	10,477	1.09	F	7,792	0.81	D	10,454	1.09	F	(0.01)	0.00	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,654	0.21	A	7,069	0.88	D	1,658	0.21	A	7,088	0.89	D	0.00	0.01	No
	SB	4	8,000	8,126	1.02	F	1,733	0.22	A	8,110	1.01	F	1,736	0.22	A	(0.01)	0.00	No
SR-133 north of Great Park Boulevard	NB	3	6,000	1,318	0.22	A	6,671	1.11	F	1,322	0.22	A	6,723	1.12	F	0.00	0.01	No
	SB	3	6,000	7,345	1.22	F	1,559	0.26	A	7,360	1.23	F	1,569	0.26	A	0.01	0.00	No
SR-133 north of I-5	NB	3	6,000	1,618	0.27	A	4,732	0.79	D	1,629	0.27	A	4,746	0.79	D	0.00	0.00	No
	SB	3	6,000	5,732	0.96	E	2,236	0.37	B	5,748	0.96	E	2,252	0.38	B	0.00	0.01	No
SR-133 south of I-5	NB	3	6,000	975	0.16	A	2,867	0.48	B	976	0.16	A	2,885	0.48	B	0.00	0.00	No
	SB	3	6,000	3,620	0.60	C	1,479	0.25	A	3,641	0.61	C	1,486	0.25	A	0.01	0.00	No
SR-133 north of I-405	NB	3	6,000	4,274	0.71	C	4,901	0.82	D	4,287	0.71	C	4,928	0.82	D	0.00	0.00	No
	SB	3	6,000	5,085	0.85	D	3,733	0.62	C	5,104	0.85	D	3,742	0.62	C	0.00	0.00	No
SR-133 south of I-405	NB	3	6,000	3,216	0.54	C	3,713	0.62	C	3,293	0.55	C	3,707	0.62	C	0.01	0.00	No
	SB	3	6,000	3,121	0.52	C	3,339	0.56	C	3,199	0.53	C	3,329	0.55	C	0.01	(0.01)	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	2,884	0.48	B	7,370	1.23	F	2,908	0.48	B	7,358	1.23	F	0.00	0.00	No
	SB	3	6,000	9,203	1.53	F	2,399	0.40	B	9,185	1.53	F	2,419	0.40	B	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	4	8,000	3,371	0.42	B	5,567	0.70	C	3,398	0.42	B	5,567	0.70	C	0.00	0.00	No
	SB	4	8,000	5,984	0.75	D	2,779	0.35	B	5,977	0.75	D	2,802	0.35	B	0.00	0.00	No
SR-241 north of SR-133	NB	4	8,000	3,274	0.41	B	5,180	0.65	C	3,291	0.41	B	5,224	0.65	C	0.00	0.00	No
	SB	4	8,000	5,438	0.68	C	2,695	0.34	B	5,437	0.68	C	2,704	0.34	B	0.00	0.00	No
SR-241 north of Portola Parkway	NB	5	10,000	7,119	0.71	C	2,808	0.28	A	7,114	0.71	C	2,807	0.28	A	0.00	0.00	No
	SB	5	10,000	2,810	0.28	A	5,658	0.57	C	2,809	0.28	A	5,639	0.56	C	0.00	(0.01)	No
SR-241 north of Alton Parkway	NB	5	10,000	7,267	0.73	D	3,108	0.31	B	7,266	0.73	D	3,114	0.31	B	0.00	0.00	No
	SB	5	10,000	3,199	0.32	B	5,762	0.58	C	3,202	0.32	B	5,745	0.57	C	0.00	(0.01)	No
SR-241 north of Lake Forest Drive	NB	4	8,000	7,944	0.99	E	2,891	0.36	B	7,936	0.99	E	2,897	0.36	B	0.00	0.00	No
	SB	4	8,000	2,843	0.36	B	6,216	0.78	D	2,845	0.36	B	6,198	0.77	D	0.00	(0.01)	No
SR-261 north of Portola Parkway	NB	4	8,000	487	0.06	A	2,034	0.25	A	488	0.06	A	2,027	0.25	A	0.00	0.00	No
	SB	4	8,000	3,334	0.42	B	468	0.06	A	3,320	0.42	B	469	0.06	A	0.00	0.00	No
SR-261 north of Irvine Boulevard	NB	4	8,000	271	0.03	A	2,009	0.25	A	272	0.03	A	2,025	0.25	A	0.00	0.00	No
	SB	4	8,000	2,739	0.34	B	272	0.03	A	2,726	0.34	B	273	0.03	A	0.00	0.00	No
SR-261 south of Irvine Boulevard	NB	4	8,000	457	0.06	A	2,789	0.35	B	463	0.06	A	2,808	0.35	B	0.00	0.00	No
	SB	4	8,000	3,477	0.43	B	545	0.07	A	3,476	0.43	B	560	0.07	A	0.00	0.00	No

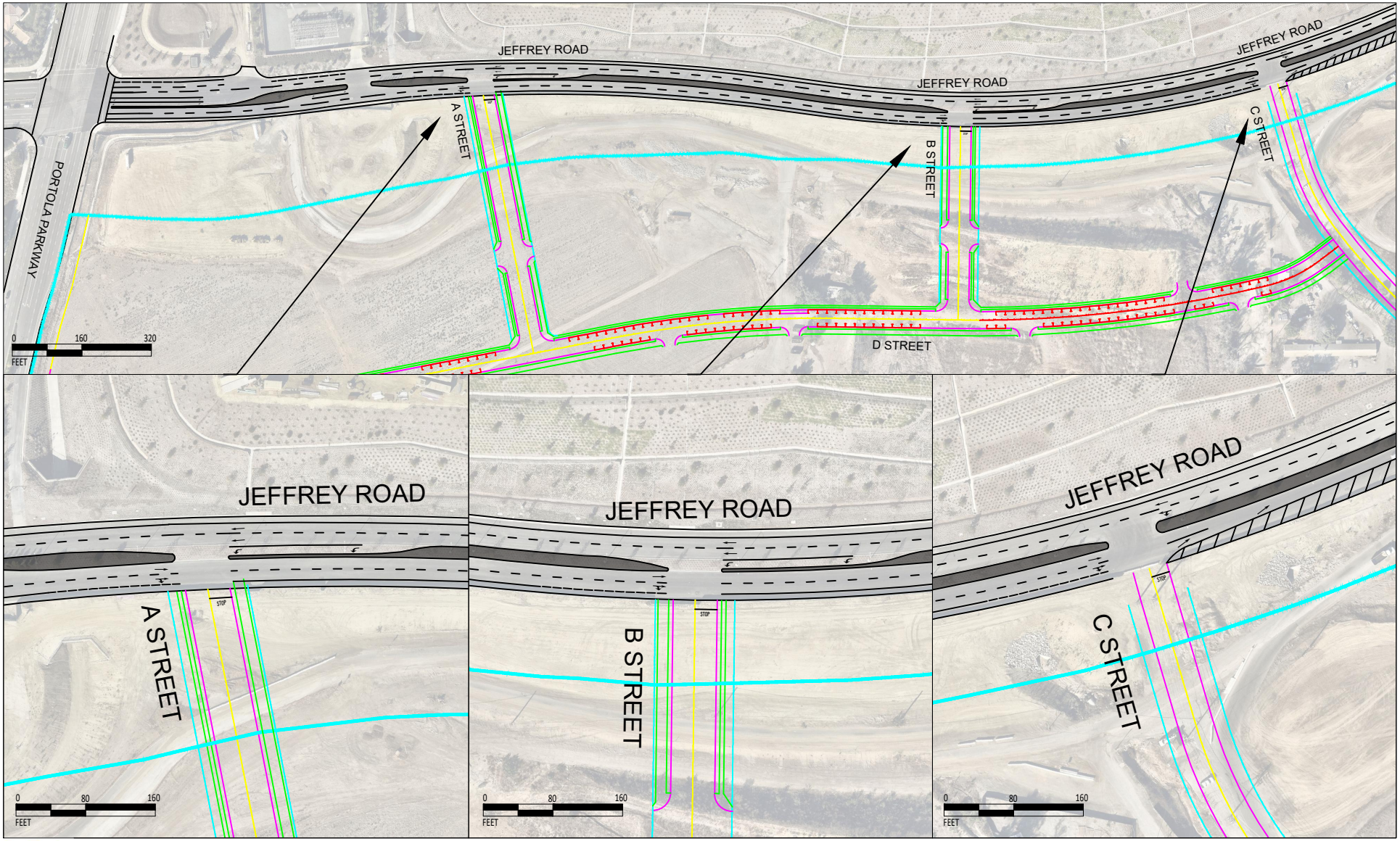
= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261



LSA

FIGURE 22

Irvine Gateway Village

Jeffrey Road Configuration in Existing Plus Project Condition

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- **Buildout Approved (Baseline and Plus Project) Scenario**: Under this scenario, the extension of Jeffrey Road towards SR-241 and further north to Santiago Canyon Road is assumed to be built. Jeffrey Road, north of Portola Parkway, is classified as a Primary Highway in the City's *General Plan*. The cross-section measurement for Jeffrey Road north of Portola Parkway would be approximately 33 feet in each direction, which is wide enough to provide two through lanes with on-street bike lanes and de-facto right-turn lanes at the project driveways. In addition, for purposes of this Access Analysis, a 150-foot dedicated SB left-turn lane with a 90-foot taper was assumed to be provided at each driveway on Jeffrey Road. Figure 23 shows the roadway configuration of Jeffrey Road between Portola Parkway and C Street in the Buildout Approved Plus Project condition.

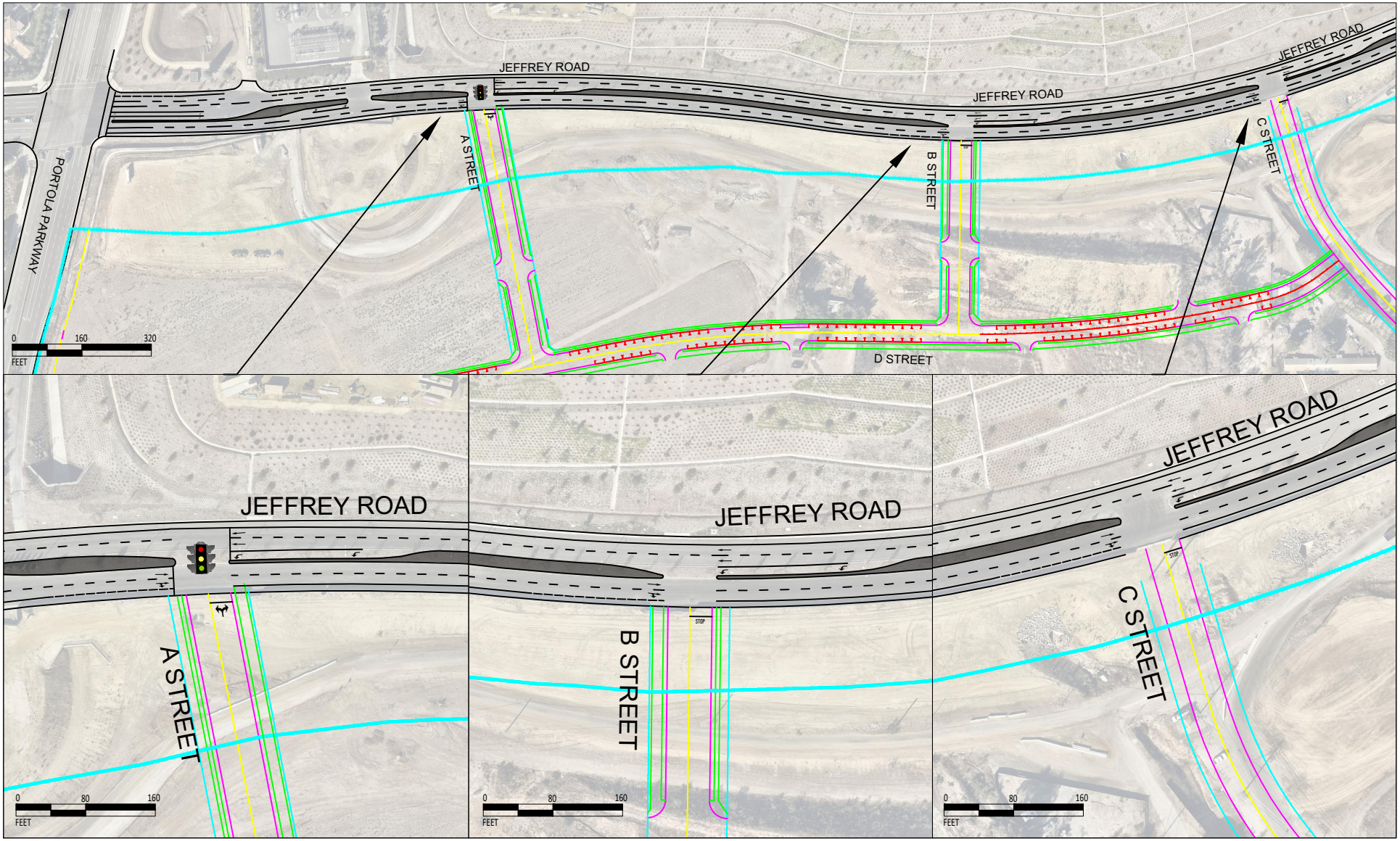
Access Analysis (Existing Baseline and Plus Project Scenario)

All neighborhoods within the project are expected to have access to Jeffrey Road and Portola Parkway via all four project driveways, including A, B, and C Streets from Jeffrey Road and E Street from Portola Parkway. The project driveways that will serve the adjacent parcels, as shown on Figure 2, are listed below:

- A Street is expected to provide access to Parcel Areas 1a and 1b, and a portion of Parcel Area 1c.
- B Street is expected to provide access to Parcel Area 3a and portions of Parcel Areas 1c, 3b, and 3c.
- C Street is expected to provide access to Parcel Area 5 (South Park), and portions of Parcel Areas 3b, 3c, and 3d. C Street will also provide access to existing uses, including Irvine Ranch Conservancy Native Seed Farm, east of the project site.
- E Street is expected to provide access to Parcel Areas 2a, 2b, and 2c.

The total project trips were proportionally assigned to each project driveway based on the estimated parcel area that each driveway could serve, as identified above, and the regional trip distribution from the ITAM select zone outputs.

The evaluation of the project driveways and the adjacent intersection is based on the City's TDP criteria for Existing (Baseline and Plus Project) conditions. Existing traffic counts at the study area intersections (provided in Appendix D) were obtained from the City and used to establish Baseline (No Project) conditions for purposes of the access analysis. For the intersections with 2-day counts, the average of the 2-day counts was used. As previously mentioned, the short roadway segment of Jeffrey Road, north of Portola Parkway, currently provides access to the Irvine Ranch Conservancy Native Seed Farm and other small businesses. For purposes of this access analysis, the existing inbound (46 a.m. and 16 p.m. peak-hour vehicles) and outbound (29 a.m. and 55 p.m. peak-hour vehicles) traffic volume identified from the existing traffic counts has been allocated to C Street in the Existing Baseline condition. Volumes for the proposed project were then added to the Existing traffic counts to represent Existing Plus Project conditions. The Existing Baseline (No Project), Project Trips Distribution (Existing AM), Project Trips Distribution (Existing PM), Project Trips Assignment (Existing), and Existing Plus Project peak-hour traffic volumes are illustrated on Figures 24, 25, 26, 27, and 28, respectively.



LSA

LEGEND

– Warranted/Recommended Traffic Signal

FIGURE 23

Irvine Gateway Village

Jeffrey Road Configuration in Buildout Approved Plus Project Condition

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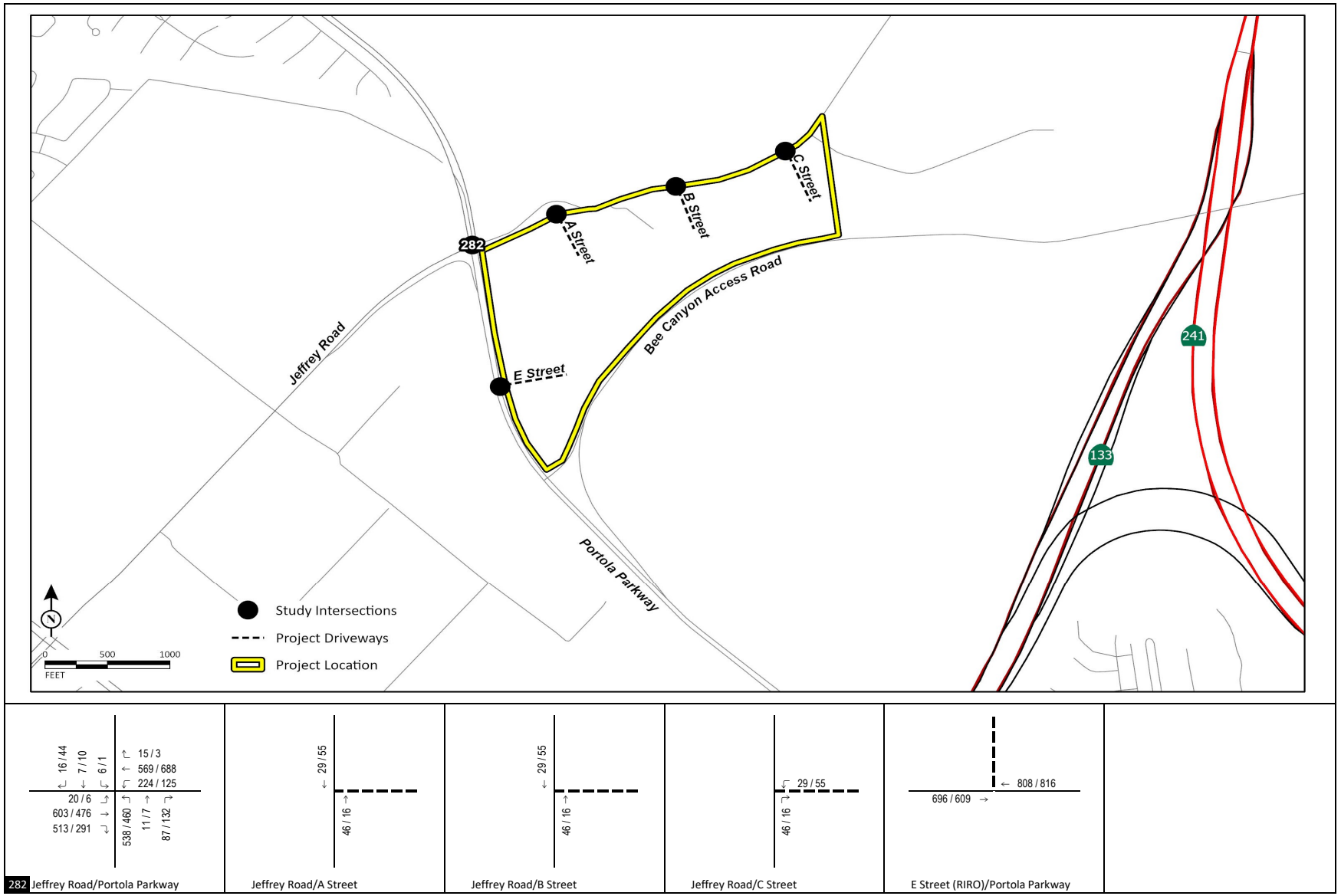


LSA

FIGURE 24

LEGEND

XXX / YYY AM / PM Volume

RIRO Right-in/Right-out

Irvine Gateway Village

Access Analysis

Existing Peak-Hour Volumes (No Jeffrey Extension)

P:\2023\20231340 - Irvine Gateway\xls\Fig X - Existing NP.xlsx (12/24/2024)

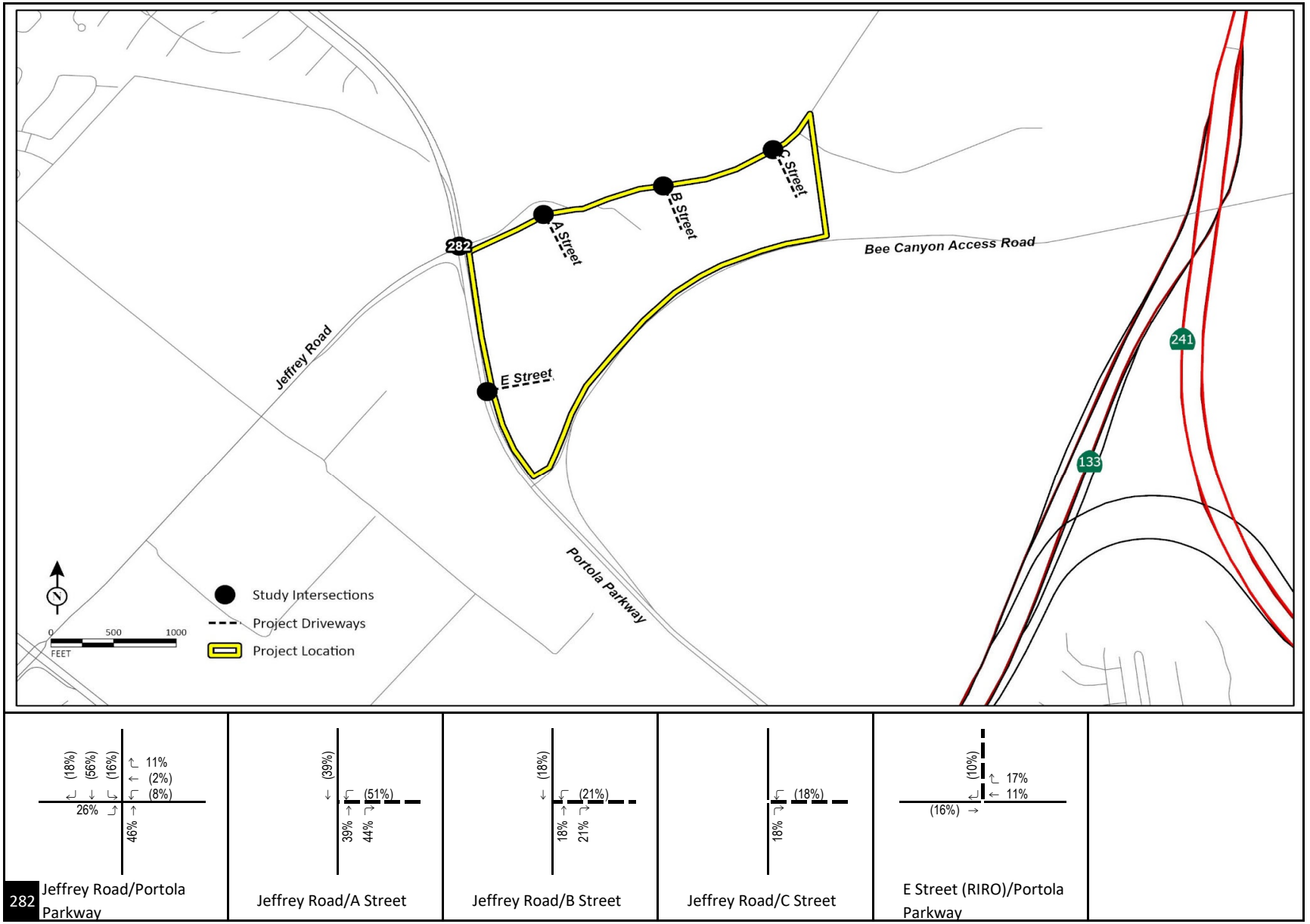


FIGURE 25

LSA

XX% (YY%) Inbound (Outbound) Trip Distribution
RIRO Right-in/Right-out

Irvine Gateway Village
Access Analysis

Project Trip Distribution (Existing [No Jeffrey Extension] AM)

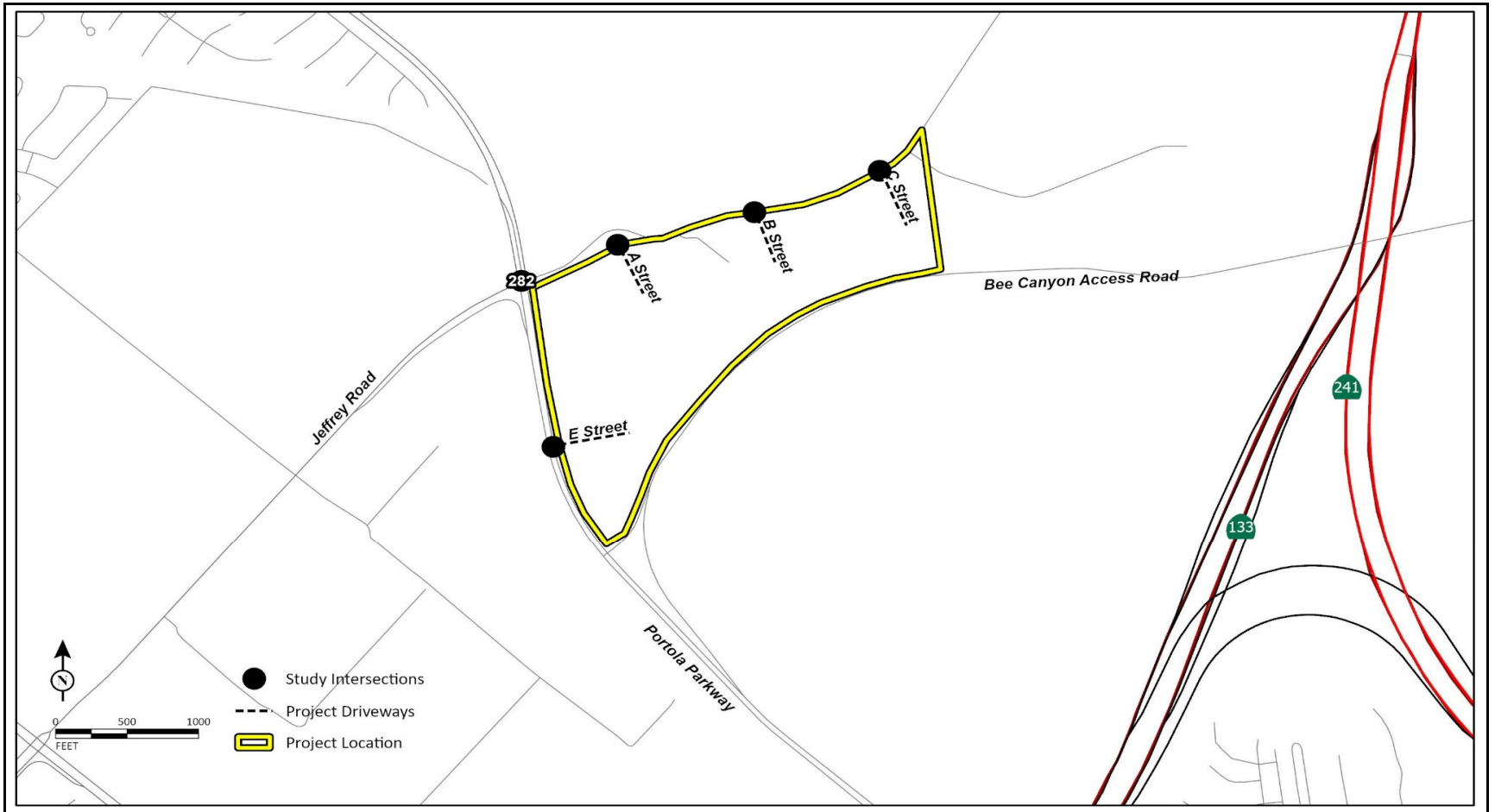


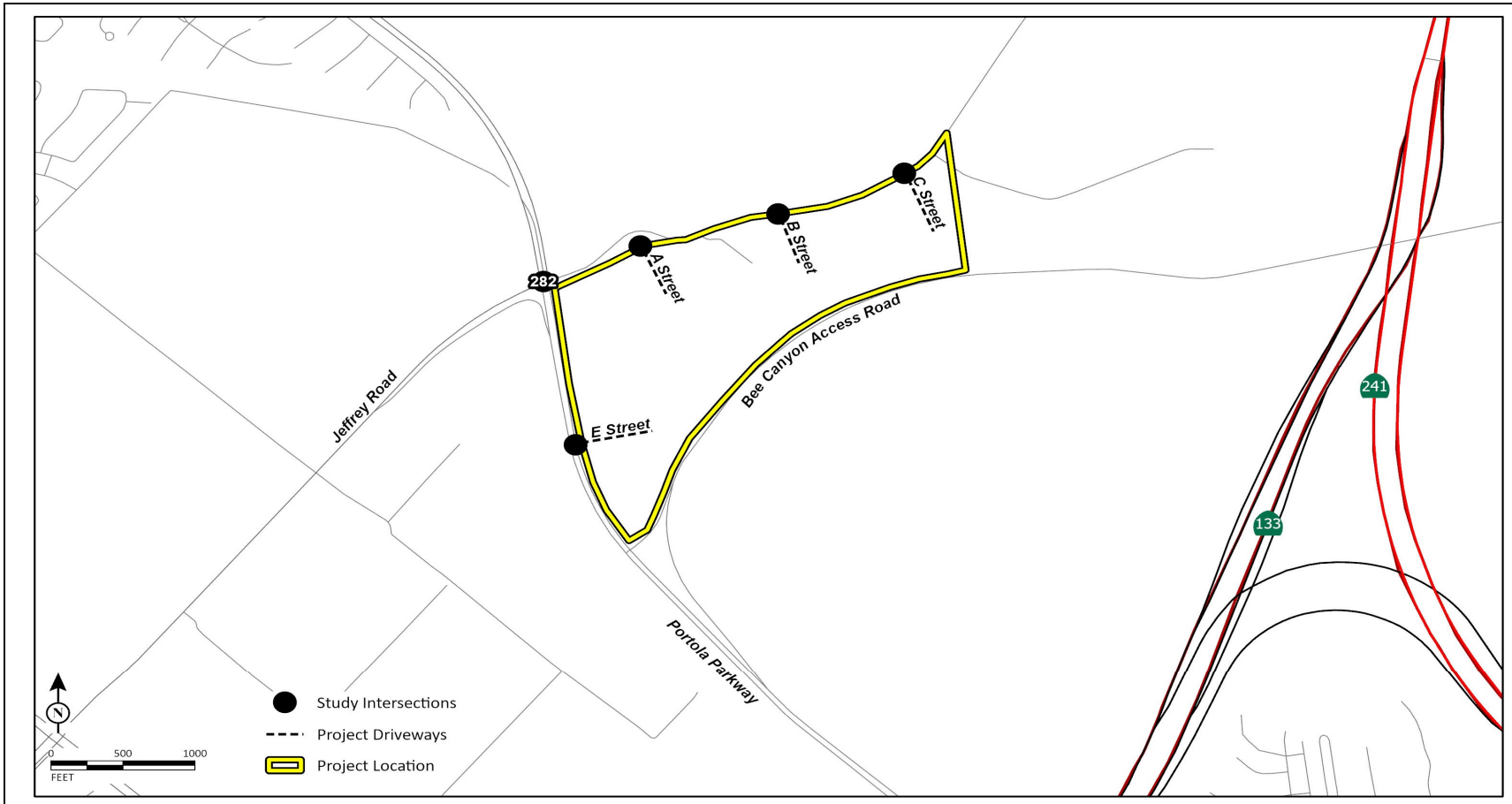
FIGURE 26

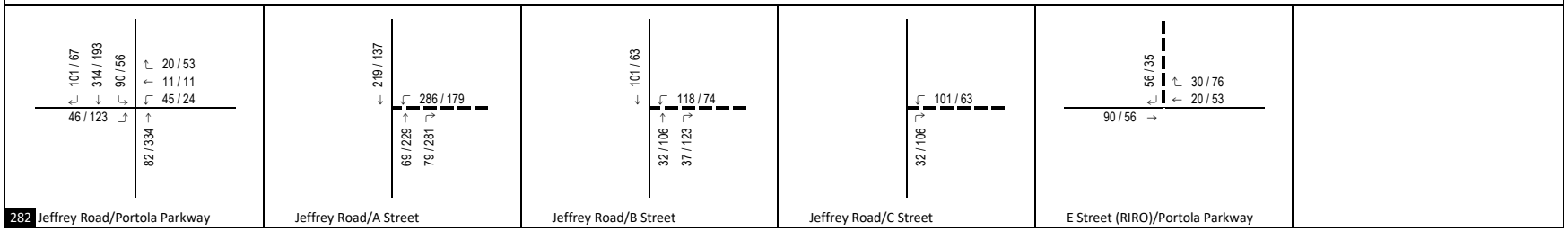
XX% (YY%) Inbound (Outbound) Trip Distribution
RIRO Right-in/Right-out

Irvine Gateway Village
Access Analysis

Project Trip Distribution (Existing [No Jeffrey Extension] PM)

P:\2023\20231340 - Irvine Gateway\xls\Figure X Project Trip Distribution (PM)_Exist.xlsx\Figure (12/24/2024)





LSA

FIGURE 27

LEGEND

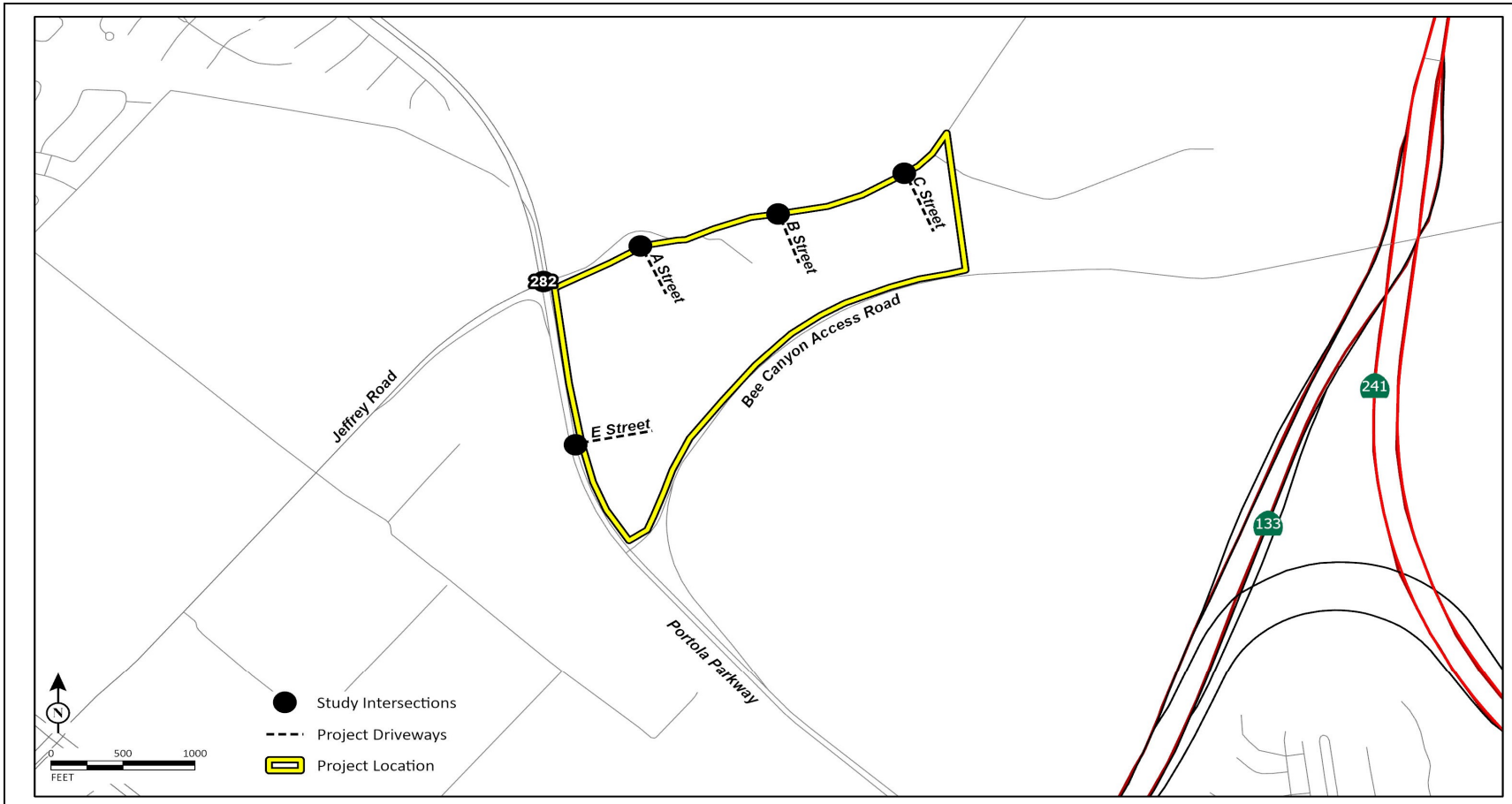
XXX / YYY AM / PM Volume

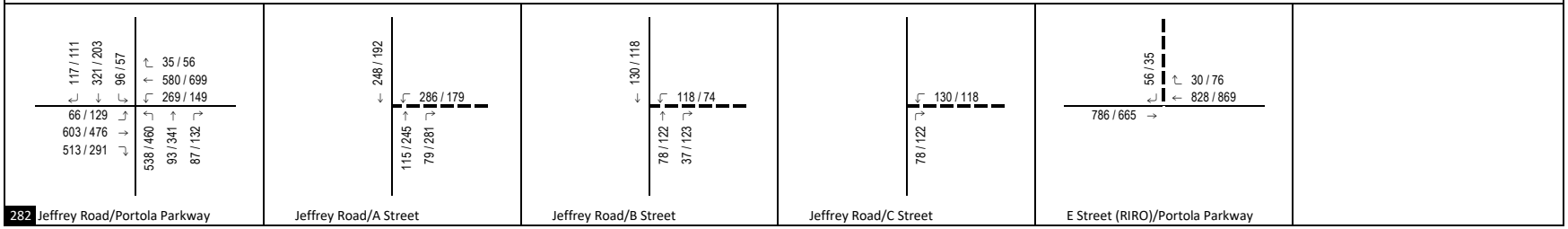
RIRO Right-in/Right-out

Irvine Gateway Village

Access Analysis

Project Trip Assignment (Existing [No Jeffrey Extension])





LSA

FIGURE 28

LEGEND

XXX / YYY AM / PM Volume

RIRO Right-in/Right-out

Irvine Gateway Village

Access Analysis

Existing Plus Project Peak-Hour Volumes (No Jeffrey Extension)

P:\2023\20231340 - Irvine Gateway\xls\Fig X - Existing WP.xlsx (12/24/2024)

This analysis has been conducted consistent with the approved Scope of Work and the TDPs. Applicable design criteria for the proposed project include TDP-1 (Turn Lane Pocket Lengths), TDP-3 (Left-Turn In/Out Access), TDP-4 (Right-Turn Lanes at Uncontrolled Driveways), TDP-10 (Distances Between Driveways), TDP-12 (Traffic Signal Warrant), and TDP-14 (Driveway Lengths).

TDP-1: Turn Lane Pocket Lengths

The length of left-turn pockets at signalized intersections is based on several parameters, including traffic control, turn volume, and cycle length. The purpose of the turn-pocket length is to allow the turning vehicle to exit the through movement and decelerate into the turn pocket without affecting the through movement. The minimum single-turn pocket length for Major, Primary, and Secondary Highways (i.e., Jeffrey Road and Portola Parkway) is 150 feet. A zero percent truck mix has been assumed for this analysis. This assumption is based on the nature of the project being residential use, which typically does not generate truck traffic.

Jeffrey Road/Portola Parkway (Southbound Jeffrey Road). The dual SB left-turn lanes at the signalized intersection of Jeffrey Road/Portola Parkway are each approximately 240 feet (480 feet total) with a 160-foot transition. The Existing left-turn demand at this location is 6 vehicles during the a.m. peak hour and 1 vehicle during the p.m. peak hour. Based on TDP-1 criteria, the dual SB left-turn lanes meet the 5 feet required to accommodate the existing 6 a.m. peak-hour vehicles. The Existing Plus Project left-turn demand at this location is 96 a.m. and 57 p.m. peak-hour vehicles (i.e., the addition of 90 a.m. and 56 p.m. peak-hour vehicles), which would require a 120-foot left-turn lane. As in the Existing No Project condition, the 480-foot SB left-turn pocket length will continue to meet the TDP-1 criteria.

Jeffrey Road/Portola Parkway (Eastbound Portola Parkway). The dual eastbound (EB) left-turn lanes at the signalized intersection of Jeffrey Road/Portola Parkway are each approximately 385 feet (770 feet total) with a 120-foot transition. The Existing left-turn demand at this location is 20 vehicles during the a.m. peak hour and 6 vehicles during the p.m. peak hour. Based on TDP-1 criteria, the dual EB left-turn lanes meet the 25 feet required to accommodate the existing 20 a.m. peak-hour vehicles. The Existing Plus Project left-turn demand at this location is 66 a.m. and 129 p.m. peak-hour vehicles (i.e., the addition of 46 a.m. and 123 p.m. peak-hour vehicles), which would require a 160-foot left-turn lane. As in the Existing No Project condition, the 770-foot EB left-turn pocket length will continue to meet the TDP-1 criteria.

TDP-3: Left-Turn In/Out Access

TDP-3 provides procedures to determine whether left-turn in only or left-turn in/out access will be considered along Major, Primary, Secondary, and Commuter Streets. This TDP is based on the volume of vehicles entering and/or exiting a driveway in relationship to the conflicting volumes along the highway.

Figure 3.1 (Left-Turn Access Design Procedures) in the City's TDP guidelines depicts the calculations for conflicting volumes. Figure 3.2 (Left-Turn Access Criteria) in the City's TDP guidelines presents a graph in which the left-turn volumes are compared to the conflicting volumes. Left-turn in/out access is considered acceptable when the point representing the left-turn volume and the conflicting volume lies below the line. Access is not recommended when this point is above the line.

Table U provides a summary of the TDP-3 analysis of the three unsignalized project driveways on Jeffrey Road under Existing Plus Project conditions.

Jeffrey Road/A Street. Under Existing Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are minimal (if any) since Jeffrey Road terminates near C Street. The conflicting volume for left-turn in access would be 194 a.m. and 526 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn in volume and the conflicting volumes; therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

Under Existing Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 286 a.m. and 179 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 403 a.m. and 578 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are above the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are not satisfied for this project driveway.

The intersection geometry for Jeffrey Road/A Street in the Existing Plus Project condition is shown on Figure 22. LSA utilized the HCM methodology and Synchro software to evaluate this project driveway, and a stop control was considered. With a consideration of one stop sign installed on A Street (one-way stop controlled), the HCM results (provided in Appendix E) show that the a.m. and p.m. peak-hour LOS at this location are satisfactory LOS B for the Existing Plus Project condition. Therefore, even though left-turn out access at A Street does not meet the TDP-3 criteria, no operational deficiencies or impacts are expected at this unsignalized driveway and minimal adverse effects are expected to adjacent public roadways.

Jeffrey Road/B Street. Under Existing Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are minimal (if any) since Jeffrey Road terminates near C Street. The conflicting volumes for left-turn in access would be 115 a.m. and 245 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn in volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

Under Existing Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 118 a.m. and 74 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 227 a.m. and 302 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are satisfied for this project driveway.

Jeffrey Road/C Street. Under Existing Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are minimal (if any) since Jeffrey Road terminates near C Street. The conflicting volumes for left-turn in access would be 78 a.m. and 122 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn in volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

LSA

Table U: TDP-3 Analysis Summary (Existing Plus Project)

Turn Movement	Jeffrey Road/A Street		Jeffrey Road/B Street		Jeffrey Road/C Street	
	AM	PM	AM	PM	AM	PM
Northbound Left (NBL)	0	0	0	0	0	0
Northbound Through (NBT)	115	245	78	122	0	0
Northbound Right (NBR)	79	281	37	123	78	122
Southbound Left (SBL)	0	0	0	0	0	0
Southbound Through (SBT)	248	192	130	118	0	0
Southbound Right (SBR)	0	0	0	0	0	0
Eastbound Left (EBL)	0	0	0	0	0	0
Eastbound Through (EBT)	0	0	0	0	0	0
Eastbound Right (EBR)	0	0	0	0	0	0
Westbound Left (WBL)	286	179	118	74	130	118
Westbound Through (WBT)	0	0	0	0	0	0
Westbound Right (WBR)	0	0	0	0	0	0
Left-In Access						
LTV-I (SBL)	0	0	0	0	0	0
V_C [1]	194	526	115	245	78	122
Acceptable?	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Left-Out Access						
LTV-O (WBL)	286	179	118	74	130	118
V_C [2]	403	578	227	302	39	61
Acceptable?	**No**	**No**	**Yes**	**Yes**	**Yes**	**Yes**

Source: Compiled by LSA (2024).

V_C = conflicting volume

[1] V_C = NBT + NBR

[2] V_C = 1/2 NBR + NBT + SBL + SBT

LTV-I = left-turn volume in

LTV-O = left-turn volume out

Under Existing Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 130 a.m. and 118 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 39 a.m. and 61 p.m. peak-hour vehicles for the Existing Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are satisfied for this project driveway.

TDP-4: Right-Turn Lanes at Uncontrolled Driveways

TDP-4 states that right-turn lanes at unsignalized driveways along Primary Highways (i.e., Portola Parkway east of Jeffrey Road and Jeffrey Road north of Portola Parkway) are required for a peak hourly right-turn volume of 100 vehicles.

The City currently permits a de-facto right-turn lane provided the curb lane is a minimum of 19 feet or where there are existing on-street bike lanes provided, the curb lane width is at least 12 feet wide plus a 7-foot bike lane. Jeffrey Road north of Portola Parkway has been recently constructed with a 12-foot outside lane and an 8-foot bike lane, which provides for a de-facto right-turn lane at A, B, and C Streets.

Jeffrey Road/A Street. A Street is an unsignalized full-access driveway on Jeffrey Road. As shown on Figure 28, NB right-turn volumes on Jeffrey Road at A Street are 79 a.m. and 281 p.m. peak-hour vehicles under Existing Plus Project conditions. As such, a dedicated right-turn lane is required at this project driveway. As previously stated, a NB de-facto right-turn lane is currently provided at this location. This additional roadway capacity will adequately accommodate the queueing that may be expected from these NB right turns on Jeffrey Road, resulting in minimal adverse effects to the operation of Jeffrey Road. Therefore, the proposed condition meets the intent of TDP-4 for the Existing Plus Project condition.

Jeffrey Road/B Street. B Street is an unsignalized full-access driveway on Jeffrey Road. As shown on Figure 28, NB right-turn volumes on Jeffrey Road at B Street are 37 a.m. and 123 p.m. peak-hour vehicles under Existing Plus Project conditions. As such, a dedicated right-turn lane is required at this project driveway. As previously stated, a NB de-facto right-turn lane is currently provided at this location. This additional roadway capacity will adequately accommodate the queueing that may be expected from these NB right turns on Jeffrey Road, resulting in minimal adverse effects to the operation of Jeffrey Road. Therefore, the proposed condition meets the intent of TDP-4 for the Existing Plus Project condition.

Jeffrey Road/C Street. C Street is an unsignalized full-access driveway on Jeffrey Road. As shown on Figure 28, NB right-turn volumes on Jeffrey Road at C Street are 78 a.m. and 122 p.m. peak-hour vehicles under Existing Plus Project conditions. As such, a dedicated right-turn lane is required at this project driveway. As previously stated, a NB de-facto right-turn lane is provided at this location. This additional roadway capacity will adequately accommodate the queueing that may be expected from these NB right turns on Jeffrey Road, resulting in minimal adverse effects to the operation of Jeffrey Road. Therefore, the proposed condition meets the intent of TDP-4 for the Existing Plus Project condition.

E Street/Portola Parkway. E Street is an unsignalized RIRO driveway on Portola Parkway. As shown on Figure 28, westbound (WB) right-turn volumes on Portola Parkway at E Street are 30 a.m. and 76 p.m. peak-hour vehicles under Existing Plus Project conditions. As such, a dedicated right-turn lane is not required at this project driveway. It should be noted, however, that the updated site plan provided by the developer will include a 300 ft WB dedicated right-turn lane with a 145 ft taper at E Street on Portola Parkway to minimize the potential conflicts between through traffic and project turn volumes.

TDP-10: Distance Between Driveways and Intersections

TDP-10 states that the recommended minimum spacing between a driveway and an intersection, or two driveways is 230 feet for a Primary Highway (i.e., Portola Parkway east of Jeffrey Road and Jeffrey Road north of Portola Parkway). Distances between driveways should be measured between the centerlines of each driveway. The distance between an intersection and a driveway should be measured from the curb face of the street to the curb face of the driveway.

Figure 29 illustrates the driveway distances (and required driveway lengths) in the vicinity of the project site.

Jeffrey Road/A Street. A Street on Jeffrey Road is approximately 860 feet north of the signalized intersection of Jeffrey Road and Portola Parkway. This driveway is approximately 1,120 feet south of a driveway on the same side of the street and approximately 520 feet north of a driveway on the opposite side of the street. As such, TDP-10 is met for this project driveway.

Jeffrey Road/B Street. B Street on Jeffrey Road is approximately 750 feet south and 1,120 feet north of driveways on the same side of the street. As such, TDP-10 is met for this project driveway.

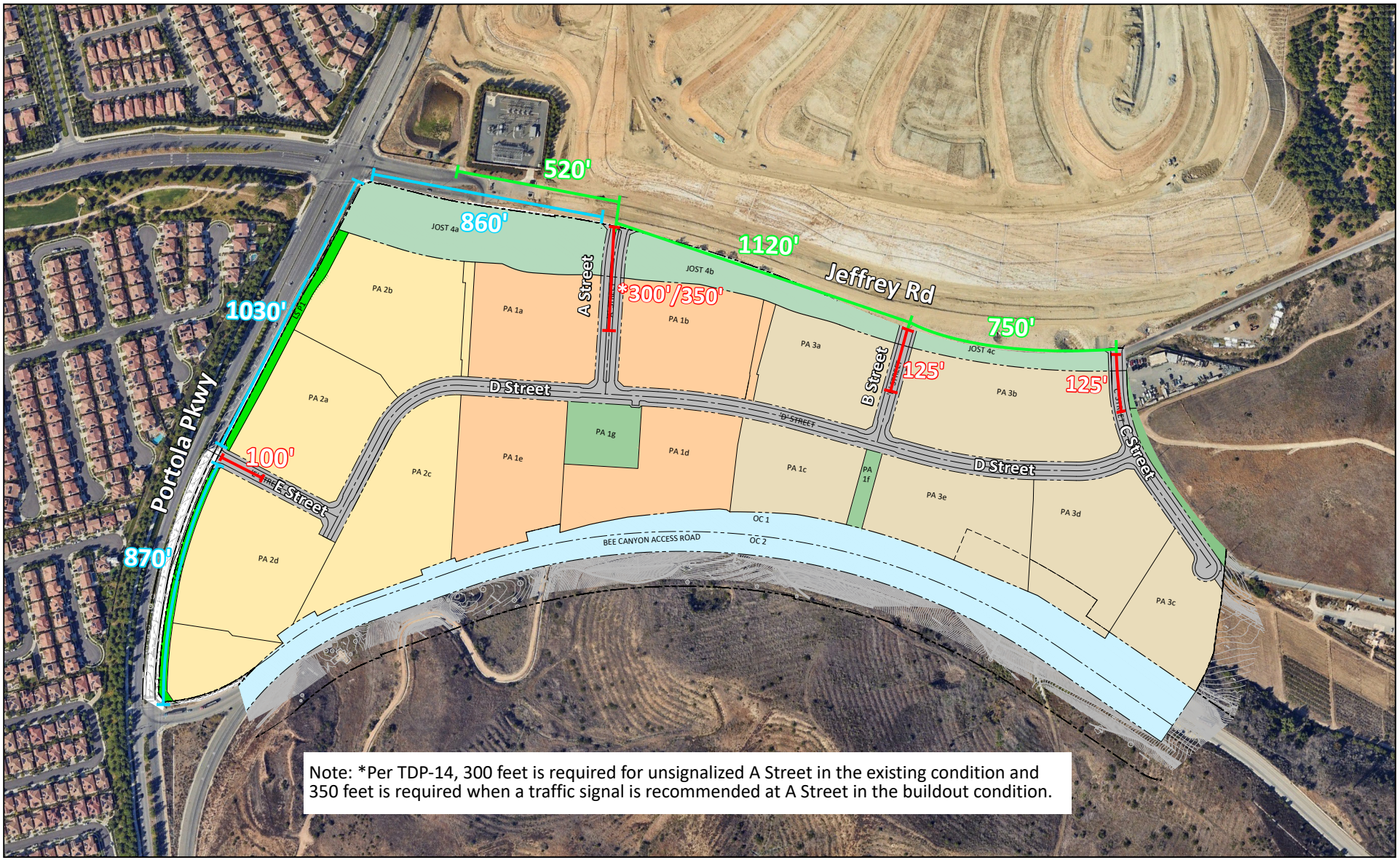
Jeffrey Road/C Street. C Street on Jeffrey Road is approximately 750 feet north of a driveway on the same side of the street. As such, TDP-10 is met for this project driveway.

E Street/Portola Parkway. E Street (the RIRO driveway) is located on Portola Parkway with a raised median and this driveway does not have adjacent driveways on the same or opposite side of the street. E Street is approximately 1,030 feet east of the signalized intersection of Jeffrey Road/Portola Parkway and approximately 870 feet west of the signalized intersection of Bee Canyon Access Road and Portola Parkway. As such, TDP-10 is met for this project driveway.

TDP-12: Traffic Signal Warrant

TDP-12 provides guidance to determine whether installation of a traffic signal would be justified at a particular location. The peak-hour signal warrant is generally intended for use at locations where traffic conditions are such that for a minimum of 1 hour of an average day, the minor street (i.e., project driveway) suffers undue delay when entering or crossing the major street (i.e., Jeffrey Road).

A peak-hour signal warrant (Warrant 3) analysis per TDP-12 criteria has been prepared to determine if the installation of a traffic signal would be warranted at three driveways (A/B/C Street) along Jeffrey Road. The thresholds shown on Figure 4C-4 of the California Manual on Uniform Traffic Control Devices (CA MUTCD) have been compared to the traffic volumes.



LSA

FIGURE 29

LEGEND

Required Driveway Lengths per TDP-14

Distances Between Intersections and Driveways

Distances Between Driveways

0 250 500

FEET

SOURCE: Google Earth 2024,Fuscoe Engineering

I:\20231340\G\Driveway_Distances.ai (5/21/2025)

Irvine Gateway Village
Access Analysis

Driveway Distances and Required Driveway Lengths

Traffic signals are not warranted at A, B, and C Streets under the Existing Plus Project conditions, per TDP-12 (Warrant 3 - Peak Hour). Table V summarizes the signal warrant analysis.

TDP-14: Driveway Lengths

TDP-14 provides guidance regarding a sufficient driveway length to allow vehicles "to enter the parking area without causing subsequent vehicles to back out on the City street system" (City of Irvine 2007). The measurement of sufficient length is based on the distance from the back of the sidewalk or stop bar to the first intersecting parking space or traffic control measure (i.e., gate/ internal drive aisle) on site.

The minimum unsignalized driveway length should be 25 feet and should increase at a rate of 1 feet of storage per peak-hour vehicle (in 25-foot increments). Figure 29 illustrates the minimum driveway lengths required to accommodate the inbound peak-hour traffic volume at each project driveway in accordance with TDP-14 criteria.

At the time this traffic study was prepared, a detailed project site plan had not been finalized. However, the project applicant is aware that the minimum requirements for driveway lengths per TDP-14 as described below should be incorporated into the project design.

Jeffrey Road/A Street. This is an unsignalized driveway proposed by this project on Jeffrey Road. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Existing Plus Project peak-hour inbound traffic volumes shown on Figure 28 results in a recommended driveway length of 300 feet for the 79 a.m. or 281 p.m. peak-hour inbound vehicles entering A Street on Jeffrey Road.

Jeffrey Road/B Street. This is an unsignalized driveway proposed by this project on Jeffrey Road. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Existing Plus Project peak-hour inbound traffic volumes shown on Figure 28 results in a recommended driveway length of 125 feet for the 37 a.m. or 123 p.m. peak-hour inbound vehicles entering B Street on Jeffrey Road.

Jeffrey Road/C Street. This is an unsignalized driveway proposed by this project on Jeffrey Road. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Existing Plus Project peak-hour inbound traffic volumes shown on Figure 28 results in a recommended driveway length of 125 feet for the 78 a.m. or 122 p.m. peak-hour inbound vehicles entering C Street on Jeffrey Road.

E Street/Portola Parkway. This is an unsignalized RIRO driveway proposed by this project on Portola Parkway. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Existing Plus Project peak-hour inbound traffic volumes shown on Figure 28 results in a recommended driveway length of 100 feet for the 30 a.m. or 76 p.m. peak-hour inbound vehicles entering E Street on Portola Parkway.

LSA

Table V: TDP-12 Analysis Summary (Existing Plus Project)

Turn Movement	Jeffrey Road/A Street[1]		Jeffrey Road/B Street[2]		Jeffrey Road/C Street[2]	
	AM	PM	AM	PM	AM	PM
Northbound Left (NBL)	0	0	0	0	0	0
Northbound Through (NBT)	115	245	78	122	0	0
Northbound Right (NBR)	79	281	37	123	78	122
Southbound Left (SBL)	0	0	0	0	0	0
Southbound Through (SBT)	248	192	130	118	0	0
Southbound Right (SBR)	0	0	0	0	0	0
Eastbound Left (EBL)	0	0	0	0	0	0
Eastbound Through (EBT)	0	0	0	0	0	0
Eastbound Right (EBR)	0	0	0	0	0	0
Westbound Left (WBL)	286	179	118	74	130	118
Westbound Through (WBT)	0	0	0	0	0	0
Westbound Right (WBR)	0	0	0	0	0	0
Major Street Approaches	442	718	245	363	78	122
Minor Street Approach	286	179	118	74	130	118
Signal Warranted?[3]	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (2023).

[1] The Major Street (Jeffrey Road) has two-lane approaches.
The Minor Street (A Street) has a one-lane approach.

[2] The Major Street (Jeffrey Road) has one-lane approaches.
The Minor Street (B/C Street) has a one-lane approach.

[3] 75 vehicles per hour applies as the lower threshold volume for a minor-street approach with one lane

Access Analysis (Buildout Approved Baseline and Plus Project Scenario)

As previously mentioned, the extension of Jeffrey Road towards SR-241 and further north to Santiago Canyon Road is assumed to be built under the Buildout Approved (Baseline and Plus Project) conditions. Jeffrey Road, north of Portola Parkway, is classified as a Primary Highway in the *General Plan*. The cross-section measurement for Jeffrey Road near A Street would be approximately 33 feet in each direction, which is wide enough to provide two through lanes and on-street bike lanes with a de-facto right-turn lane at the project driveways.

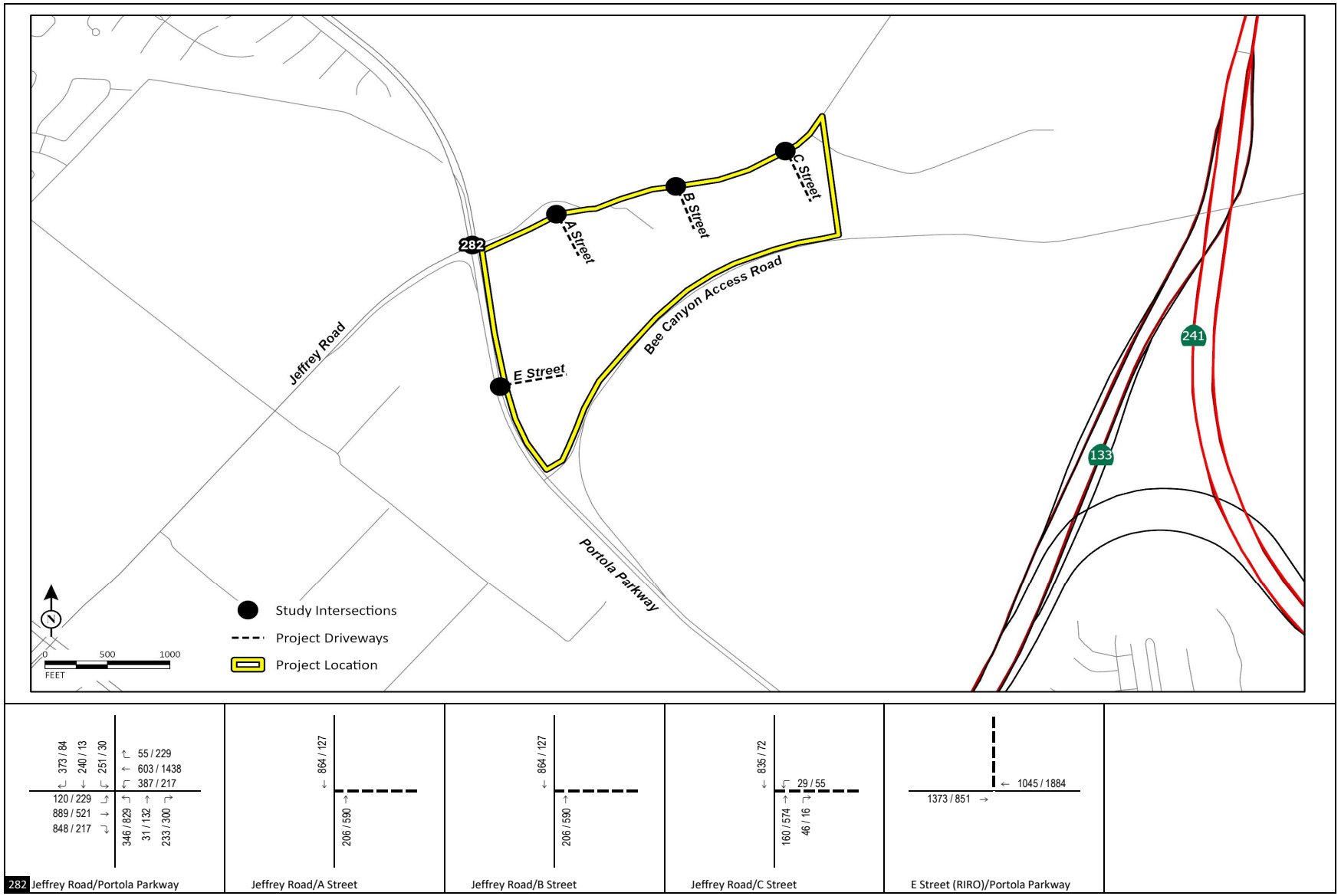
The ITAM select zone outputs were used to identify the regional trip distribution for the project trips, and no adjustments were made to the regional trip distribution. Consistent with the Existing scenario, the total inbound and outbound project trips were split at each project driveway based on an approximation of the parcel area and units that each driveway would serve.

Traffic volumes at the intersection of Jeffrey Road/Portola Parkway (provided in Appendix B) from ITAM model outputs for the Buildout Approved Baseline (No Project) scenario were used to establish Baseline conditions for purposes of the access analysis. In addition, the existing inbound (46 a.m. and 16 p.m. peak-hour vehicles) and outbound (29 a.m. and 55 p.m. peak-hour vehicles) traffic volumes from the existing traffic counts north of Portola Parkway have been assigned to C Street in the Buildout Approved Baseline condition. Volumes for the proposed project were then added to the Buildout Approved Baseline to represent Buildout Approved Plus Project conditions. The Buildout Approved Baseline (No Project), Project Trips Distribution (Buildout Approved AM), Project Trips Distribution (Buildout Approved PM), Project Trips Assignment (Buildout Approved), and Buildout Approved Plus Project peak-hour traffic volumes are illustrated on Figures 30, 31, 32, 33, and 34, respectively.

Consistent with the TDPs, applicable design criteria for the proposed project, including TDP-1 (Turn Lane Pocket Lengths), TDP-3 (Left-Turn In/Out Access), TDP-4 (Right-Turn Lanes at Uncontrolled Driveways), TDP-10 (Distances between Driveways), TDP-12 (Traffic Signal Warrant), and TDP-14 (Driveway Lengths), were analyzed under the Buildout Approved (Baseline and Plus Project) conditions.

TDP-1: Turn Lane Pocket Lengths

Jeffrey Road/Portola Parkway (Southbound Jeffrey Road). The dual SB left-turn lanes at the signalized intersection of Jeffrey Road/Portola Parkway are each approximately 240 feet (480 feet total) with a 160-foot transition. The Buildout Approved No Project left-turn demand at this location is 251 vehicles during the a.m. peak hour and 30 vehicles during the p.m. peak hour. Based on TDP-1 criteria, the dual SB left-turn lanes meet the 315 feet required to accommodate the 251 a.m. peak-hour vehicles. The Buildout Approved Plus Project left-turn demand at this location is 341 a.m. and 86 p.m. peak-hour vehicles (i.e., the addition of 90 a.m. and 56 p.m. peak-hour vehicles), which would require a 425-foot left-turn lane. The 480-foot SB left-turn pocket length will continue to meet the TDP-1 criteria in both the Existing and Buildout Approved conditions.



LSA

FIGURE 30

LEGEND

XXX / YYY AM / PM Volume

RIRO Right-in/Right-out

Irvine Gateway Village

Access Analysis

Buildout Approved No Project Peak-Hour Volumes (With Jeffrey Extension)

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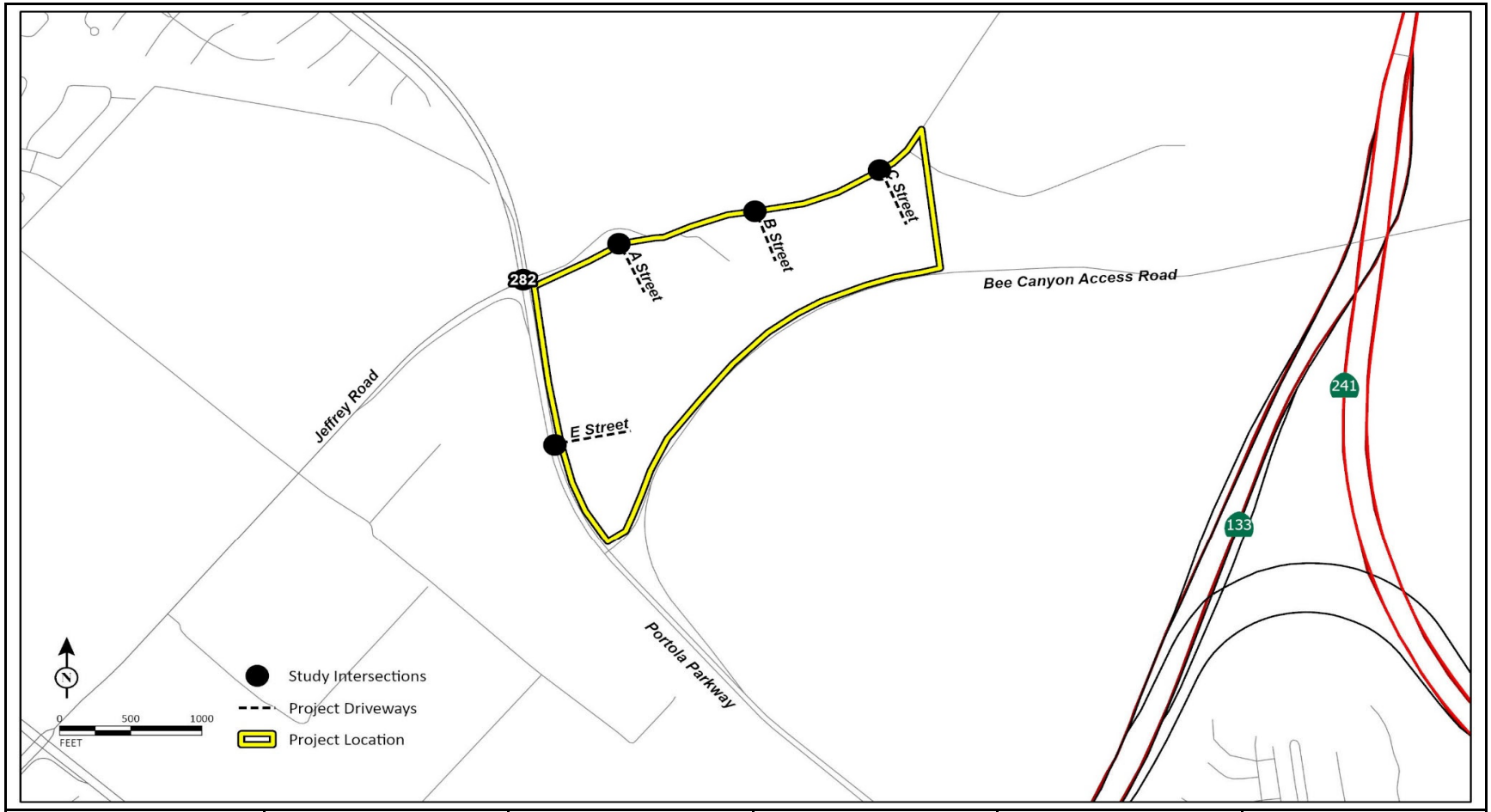
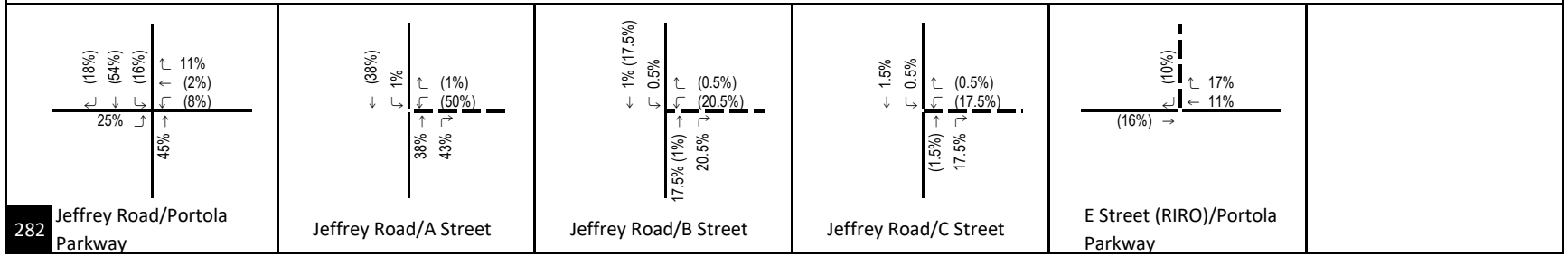




282 Jeffrey Road/Portola Parkway

Jeffrey Road/A Street

Jeffrey Road/B Street

Jeffrey Road/C Street

E Street (RIRO)/Portola Parkway

FIGURE 31

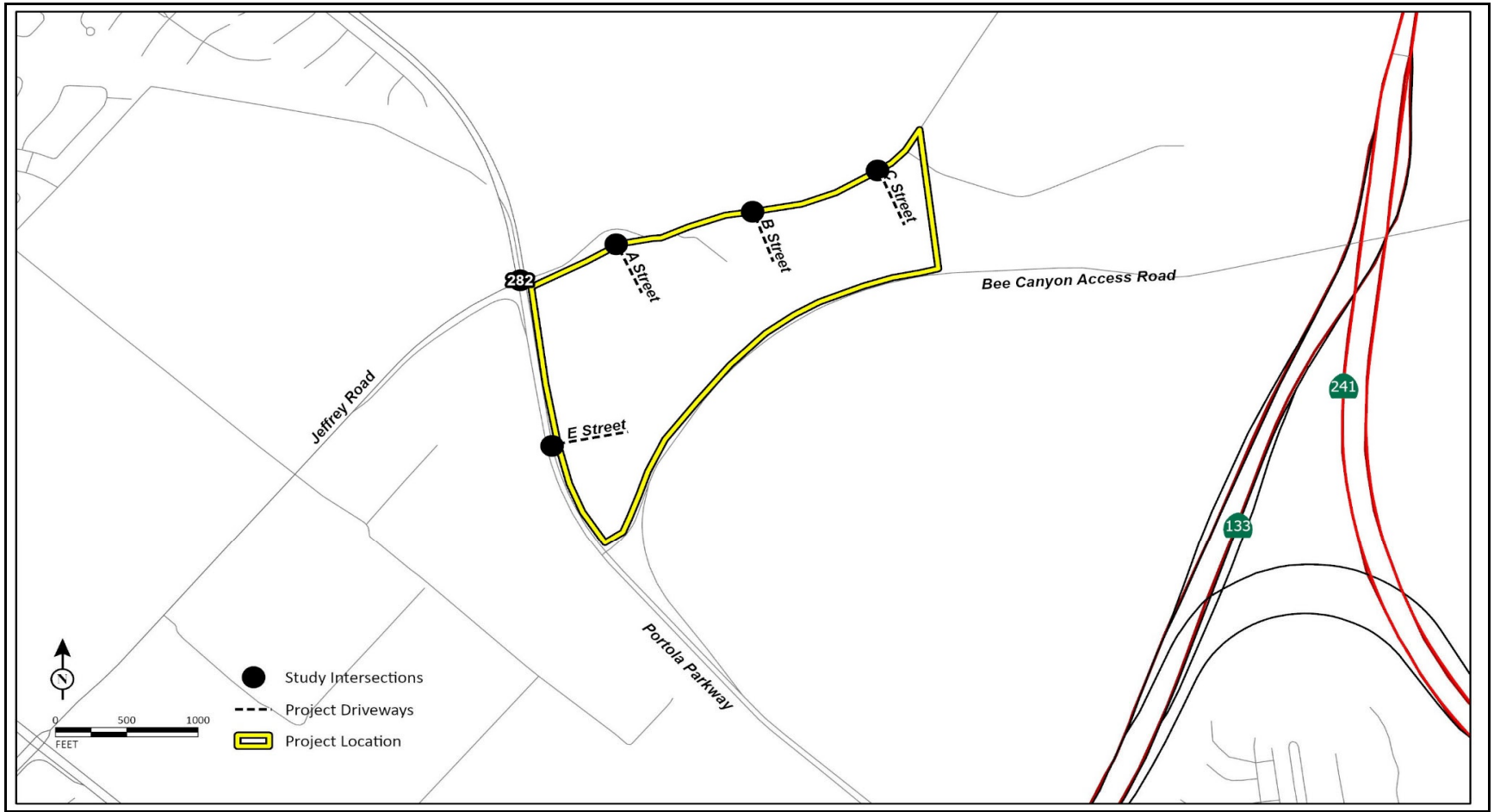
LSA

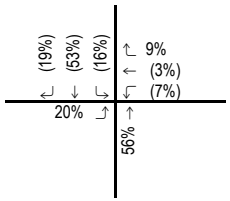
XXXX% (YYYY%) Inbound (Outbound) Trip Distribution

RIRO Right-in/Right-out

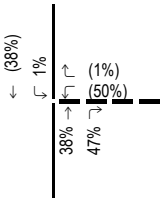
Irvine Gateway Village
Access Analysis

Project Trip Distribution (Buildout Approved [With Jeffrey Extension] AM)

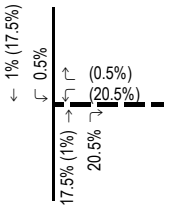




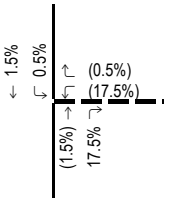
282 Jeffrey Road/Portola Parkway



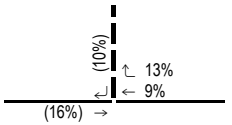
Jeffrey Road/A Street



Jeffrey Road/B Street



Jeffrey Road/C Street



E Street (RIRO)/Portola Parkway

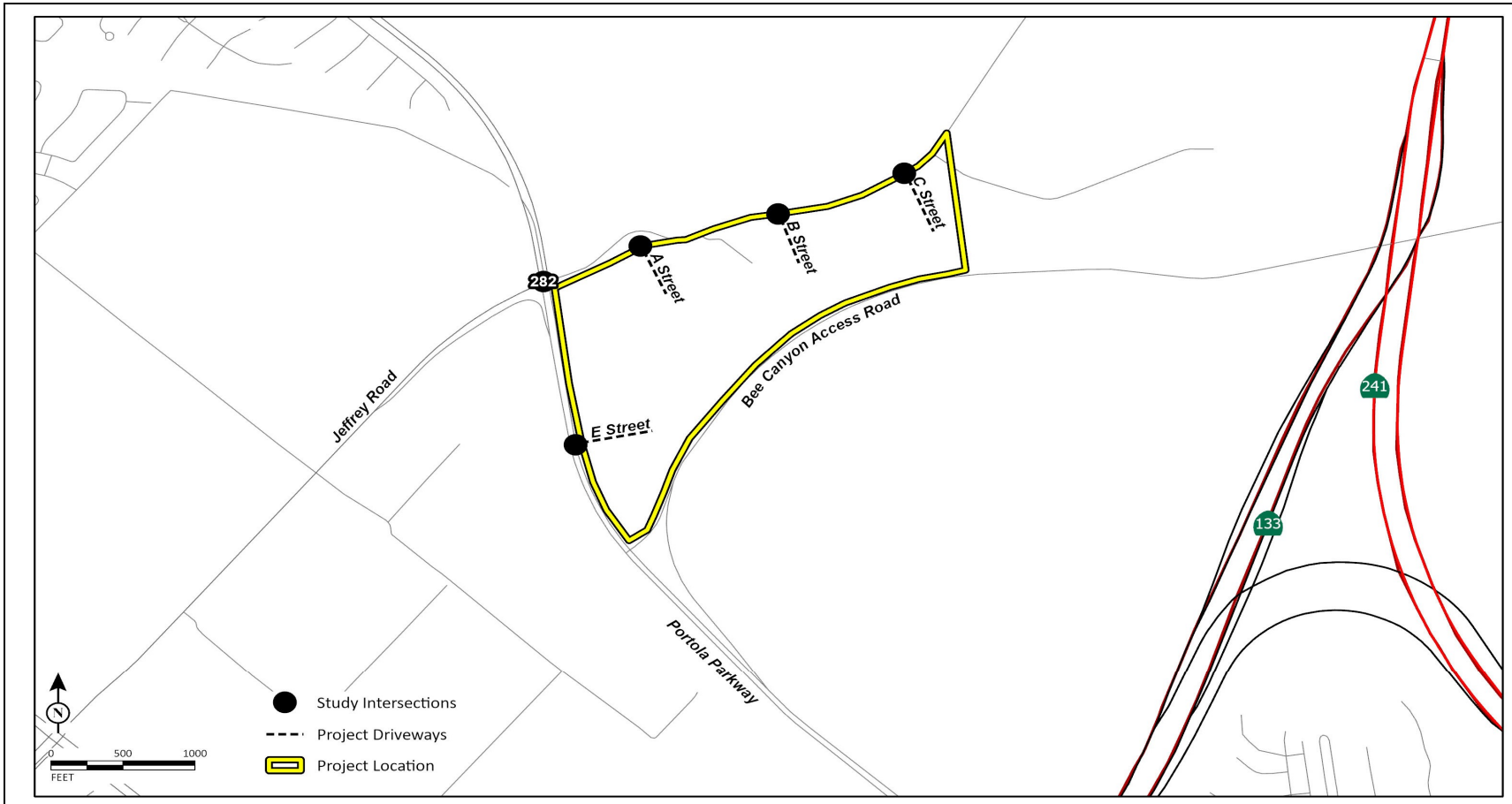
FIGURE 32

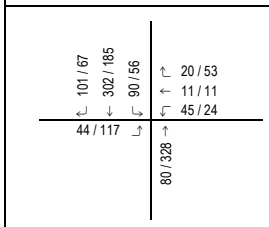
LSA

XXXX% (YYYY%) Inbound (Outbound) Trip Distribution
RIRO Right-in/Right-out

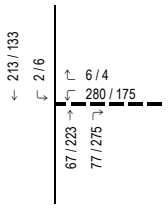
Irvine Gateway Village
Access Analysis

Project Trip Distribution (Buildout Approved [With Jeffrey Extension] PM)

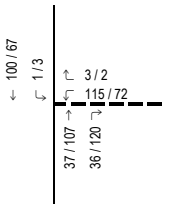




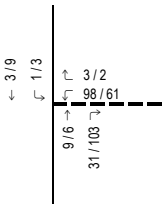
282 Jeffrey Road/Portola Parkway



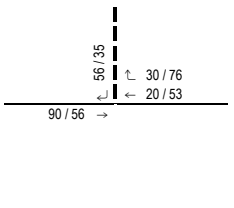
Jeffrey Road/A Street



Jeffrey Road/B Street



Jeffrey Road/C Street



E Street (RIRO)/Portola Parkway

LSA

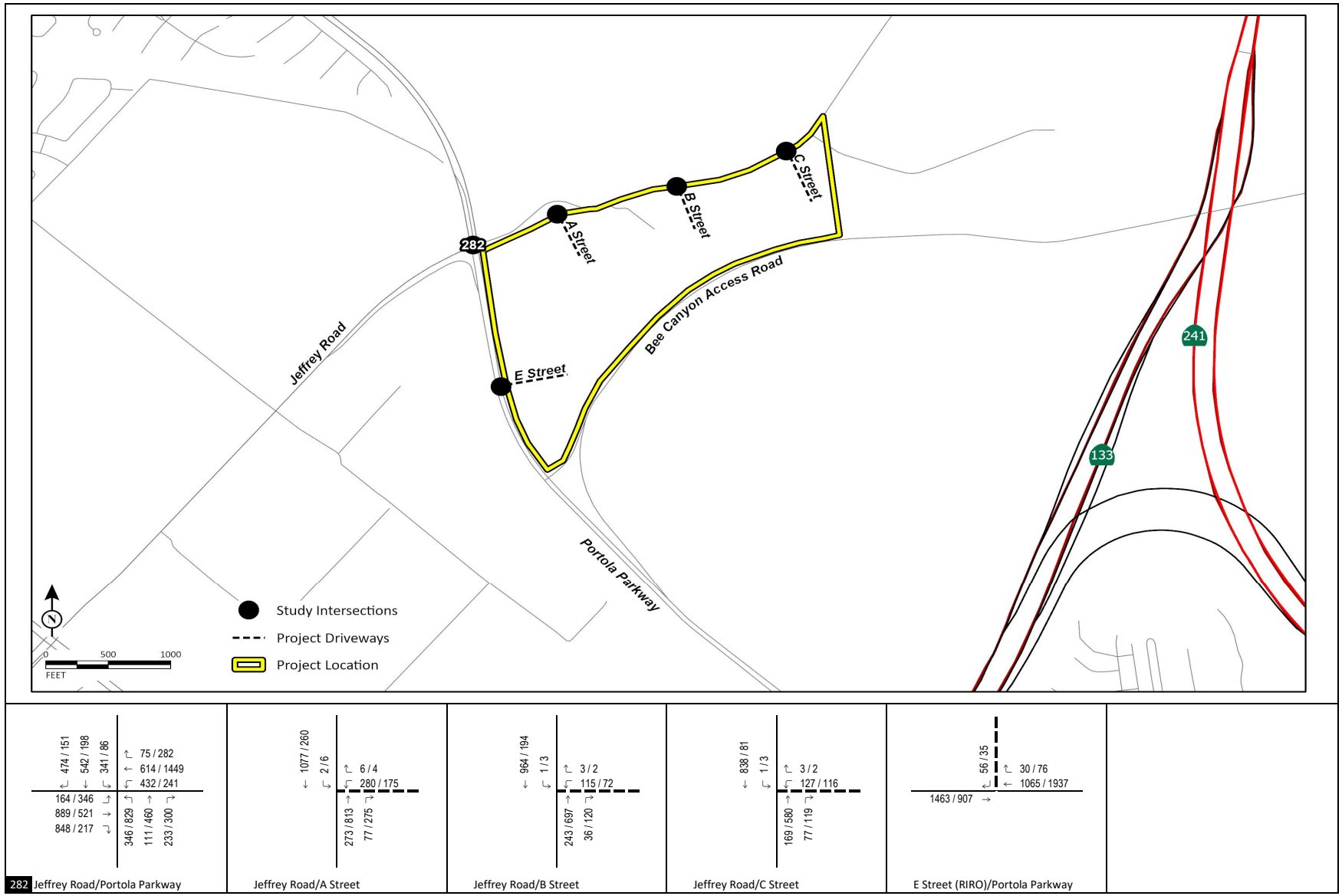
FIGURE 33

LEGEND

XXX / YYY AM / PM Volume

RIRO Right-in/Right-out

Irvine Gateway Village
Access Analysis
Project Trip Assignment (Buildout Approved [With Jeffrey Extension])



LSA

FIGURE 34

LEGEND

XXX / YYY AM / PM Volume

RIRO Right-in/Right-out

Irvine Gateway Village

Access Analysis

Buildout Approved Plus Project Peak-Hour Volumes (With Jeffrey Extension)

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Jeffrey Road/Portola Parkway (Eastbound Portola Parkway). The dual EB left-turn lanes at the signalized intersection of Jeffrey Road/Portola Parkway are each approximately 385 feet (770 feet total) with a 120-foot transition. The Buildout Approved No Project left-turn demand at this location is 120 vehicles during the a.m. peak hour and 229 vehicles during the p.m. peak hour. Based on TDP-1 criteria, the dual EB left-turn lanes meet the 285 feet required to accommodate the 229 p.m. peak-hour vehicles. The Buildout Approved Plus Project left-turn demand at this location is 164 a.m. and 346 p.m. peak-hour vehicles (i.e., the addition of 44 a.m. and 117 p.m. peak-hour vehicles), which would require a 430-foot left-turn lane. The 770-foot EB left-turn pocket length will continue to meet the TDP-1 criteria in both the Existing and Buildout Approved conditions.

Jeffrey Road/A Street (Southbound). A 150-foot dedicated SB left-turn lane with a 90-foot taper was assumed to be built at A Street in the Buildout Approved Plus Project condition. The Buildout Approved Plus Project left-turn demand at this location is minimal, expected to be 2 a.m. and 6 p.m. peak-hour vehicles; therefore, a minimum 150-foot SB left-turn pocket would meet the TDP-1 criteria in the Buildout Approved Plus Project condition.

Jeffrey Road/B Street (Southbound). A 150-foot dedicated SB left-turn lane with a 90-foot taper was assumed to be built at B Street in the Buildout Approved Plus Project condition. The Buildout Approved Plus Project left-turn demand at this location is minimal, expected to be 1 a.m. and 3 p.m. peak-hour vehicles; therefore, a minimum 150-foot SB left-turn pocket would meet the TDP-1 criteria in the Buildout Approved Plus Project condition.

Jeffrey Road/C Street (Southbound). A 150-foot dedicated SB left-turn lane with a 90-foot taper was assumed to be built at C Street in the Buildout Approved Plus Project condition. The Buildout Approved Plus Project left-turn demand at this location is minimal, expected to be 1 a.m. and 3 p.m. peak-hour vehicles; therefore, a minimum 150-foot SB left-turn pocket would meet the TDP-1 criteria in the Buildout Approved Plus Project condition.

TDP-3: Left-Turn In/Out Access

Table W provides a summary of the TDP-3 analysis of the three unsignalized project driveways on Jeffrey Road under Buildout Approved Plus Project conditions.

Jeffrey Road/A Street. Under Buildout Approved Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are 2 a.m. and 6 p.m. peak-hour vehicles. The conflicting volumes for left-turn in access would be 350 a.m. and 1,088 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn in volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

Under Buildout Approved Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 280 a.m. and 175 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 1,391 a.m. and 1,217 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are above the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are not satisfied for this project driveway.

LSA

Table W: TDP-3 Analysis Summary (Buildout Approved Plus Project)

Turn Movement	Jeffrey Road/A Street		Jeffrey Road/B Street		Jeffrey Road/C Street	
	AM	PM	AM	PM	AM	PM
Northbound Left (NBL)	0	0	0	0	0	0
Northbound Through (NBT)	273	813	243	697	169	580
Northbound Right (NBR)	77	275	36	120	77	119
Southbound Left (SBL)	2	6	1	3	1	3
Southbound Through (SBT)	1,077	260	964	194	838	81
Southbound Right (SBR)	0	0	0	0	0	0
Eastbound Left (EBL)	0	0	0	0	0	0
Eastbound Through (EBT)	0	0	0	0	0	0
Eastbound Right (EBR)	0	0	0	0	0	0
Westbound Left (WBL)	280	175	115	72	127	116
Westbound Through (WBT)	0	0	0	0	0	0
Westbound Right (WBR)	6	4	3	2	3	2
Left-In Access						
LTV-I (SBL)	2	6	1	3	1	3
V_C[1]	350	1,088	279	817	246	699
Acceptable?	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Left-Out Access						
LTV-O (WBL)	280	175	115	72	127	116
V_C[2]	1,391	1,217	1,226	954	1,047	724
Acceptable?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (2024).

V_C = conflicting volume

[1] V_C = NBT + NBR

[2] V_C = 1/2 NBR + NBT + SBL + SBT

LTV-I = left-turn volume in

LTV-O = left-turn volume out

The intersection geometry for Jeffrey Road/A Street in the Buildout Approved Plus Project condition is shown on Figure 23. LSA utilized HCM methodology and Synchro software to evaluate this project driveway, and a stop control was considered. With a consideration of one stop sign installed on A Street (one-way stop controlled), the HCM results (provided in Appendix E) show that the a.m. and p.m. peak-hour LOS at this location are unsatisfactory LOS F in the Buildout Approved Plus Project condition. With consideration of stop signs installed on both Jeffrey Road (north and south) and A Street (all-way stop controlled), the HCM results (provided in Appendix E) show that the a.m. peak-hour LOS at this location is unsatisfactory LOS E, and the p.m. peak-hour LOS at this location is satisfactory LOS C in the Buildout Approved Plus Project condition.

Since an operational deficiency is expected at this unsignalized driveway, a traffic signal is recommended to provide safe and efficient operation at this location in the Buildout condition. Per TDP-12 (Warrant 3 – Peak Hour), a signal warrant analysis was conducted at this location in the Buildout Approved Plus Project condition. The analysis results, provided later in Table X of this traffic study, indicate that a traffic signal is warranted at this location under the Buildout Approved Plus Project condition. No operational deficiency or impact is expected at this driveway once the traffic signal is installed in the Buildout Approved Plus Project condition when and/or if Jeffrey Road is extended to SR-241.

Jeffrey Road/B Street. Under Buildout Approved Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are 1 a.m. and 3 p.m. peak-hour vehicles. The conflicting volumes for left-turn in access would be 279 a.m. and 817 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are below the point representing the left-turn in volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

Under Buildout Approved Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 115 a.m. and 72 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 1,226 a.m. and 954 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are above the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are not satisfied for this project driveway.

The intersection geometry for Jeffrey Road/B Street in the Buildout Approved Plus Project condition is shown on Figure 23. LSA utilized the HCM methodology and Synchro software to evaluate this project driveway and a stop control was considered. With consideration of one stop sign installed on B Street (one-way stop controlled), the HCM results (provided in Appendix E) show that the a.m. and p.m. peak-hour LOS at this location are satisfactory LOS C in the Buildout Approved Plus Project condition. Therefore, even though left-turn out access at B Street does not meet the TDP-3 criteria, no operational deficiencies are expected at this unsignalized driveway or adjacent public roadways, and the intent of TDP-3 is met.

Jeffrey Road/C Street. Under Buildout Approved Plus Project conditions, the SB Jeffrey Road left-turn volumes into the project site via this unsignalized driveway are 1 a.m. and 3 p.m. peak-hour vehicles. The conflicting volumes for left-turn in access would be 246 a.m. and 699 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are below

the point representing the left-turn in volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn in access are satisfied for this project driveway.

Under Buildout Approved Plus Project conditions, the left-turn volumes out of the project site via this unsignalized driveway are 127 a.m. and 116 p.m. peak-hour vehicles. The conflicting volumes for left-turn out access would be 1,047 a.m. and 724 p.m. peak-hour vehicles for the Buildout Approved Plus Project condition. Based on TDP-3, the volumes are above the point representing the left-turn out volume and the conflicting volumes. Therefore, the TDP-3 criteria for left-turn out access are not satisfied for this project driveway.

The intersection geometry for Jeffrey Road/C Street in the Buildout Approved Plus Project condition is shown on Figure 23. LSA utilized HCM methodology and Synchro software to evaluate this project driveway, and a stop control was considered. With a consideration of one stop sign installed on C Street (one-way stop controlled), the HCM results (provided in Appendix E) show that the a.m. and p.m. peak-hour LOS at this location are satisfactory LOS C in the Buildout Approved Plus Project condition. Therefore, even though left-turn out access at C Street does not meet the TDP-3 criteria, no operational deficiencies are expected at this unsignalized driveway or adjacent public roadways, and the intent of TDP-3 is met.

TDP-4: Right-Turn Lanes at Uncontrolled Driveways

Jeffrey Road/A Street. As described in TDP-3, above, and later in the TDP-12 analysis, the intersection of Jeffrey Road/A Street is recommended as a signalized intersection. As shown on Figure 34, NB right-turn volumes on Jeffrey Road at A Street are 77 a.m. and 275 p.m. peak-hour vehicles under Buildout Approved Plus Project conditions. A de-facto right-turn lane would be provided at this location, along with signalization of the intersection in the Buildout condition. This signalized location is not subject to TDP-4 criteria.

Jeffrey Road/B Street. B Street is an unsignalized full-access driveway on Jeffrey Road. As shown on Figure 34, NB right-turn volumes on Jeffrey Road at B Street are 36 a.m. and 120 p.m. peak-hour vehicles under Buildout Approved Plus Project conditions. Jeffrey Road north of Portola Parkway is classified as a Primary facility. Expected project traffic volumes are more than the 100 vph, the trigger for recommendation of a right-turn lane for Primary Highways per TDP-4; therefore, a dedicated right-turn lane is required at this project driveway. As previously stated, a de-facto right-turn lane will be provided at this location. This additional roadway capacity will adequately accommodate the queueing that may be expected from these NB right turns on Jeffrey Road, resulting in minimal adverse effects to the operation of Jeffrey Road. Therefore, the proposed condition meets the intent of TDP-4 for the Buildout Approved Plus Project condition.

Jeffrey Road/C Street. C Street is an unsignalized full-access driveway on Jeffrey Road. As shown on Figure 34, NB right-turn volumes on Jeffrey Road at C Street are 77 a.m. and 119 p.m. peak-hour vehicles under Buildout Approved Plus Project conditions. Jeffrey Road north of Portola Parkway is classified as a Primary facility. Expected project traffic volumes are more than the 100 vph, the trigger for recommendation of a right-turn lane for Primary Highways per TDP-4; therefore, a dedicated right-turn lane is required at this project driveway. As previously stated, a de-facto right-turn lane will be provided at this location. This additional roadway capacity will adequately

accommodate the queueing that may be expected from these NB right turns on Jeffrey Road, resulting in minimal adverse effects to the operation of Jeffrey Road. Therefore, the proposed condition meets the intent of TDP-4 for the Buildout Approved Plus Project condition.

E Street/Portola Parkway. E Street is an unsignalized RIRO driveway on Portola Parkway. As shown on Figure 34, WB right-turn volumes on Portola Parkway at E Street are 30 a.m. and 76 p.m. peak-hour vehicles under Buildout Approved Plus Project conditions. Portola Parkway east of Jeffrey Road is a Primary facility. Expected project traffic volumes are less than the 100 vph, the trigger for recommendation of a right-turn lane for Primary Highways per TDP-4; therefore, a dedicated right-turn lane is not required at this project driveway. It should be noted, however, that the updated site plan provided by the developer will include a 300 ft WB dedicated right-turn lane with a 145 ft taper at E Street on Portola Parkway to minimize the potential conflicts between through traffic and project turn volumes.

TDP-10: Distance Between Driveways and Intersections

Figure 29 illustrates the driveway distances (and required driveway lengths) in the vicinity of the project site.

Jeffrey Road/A Street. A Street on Jeffrey Road is approximately 860 feet north of the signalized intersection of Jeffrey Road and Portola Parkway. This driveway is approximately 1,120 feet south of a driveway on the same side of the street and approximately 520 feet north of a driveway on the opposite side of the street. As such, TDP-10 is met for this project driveway.

Jeffrey Road/B Street. B Street on Jeffrey Road is approximately 750 feet south and 1,120 feet north of driveways on the same side of the street. As such, TDP-10 is met for this project driveway.

Jeffrey Road/C Street. C Street on Jeffrey Road is approximately 750 feet north of a driveway on the same side of the street. As such, TDP-10 is met for this project driveway.

E Street/Portola Parkway. E Street (the RIRO driveway) is located on Portola Parkway with a raised median and this driveway does not have adjacent driveways on the same or opposite side of the street. E Street is approximately 1,030 feet east of the signalized intersection of Jeffrey Road/Portola Parkway and approximately 870 feet west of the signalized intersection of Bee Canyon Access Road and Portola Parkway. As such, TDP-10 is met for this project driveway.

TDP-12: Traffic Signal Warrant

Table X summarizes the signal warrant analysis. As Table X indicates, traffic signals would be warranted at A, B, and C Streets under the Buildout Approved Plus Project condition, per TDP-12 (Warrant 3 - Peak Hour).

Although traffic signals are warranted at all three driveway locations on Jeffrey Road under Buildout conditions, a traffic signal is only recommended at A Street under the Buildout Approved Plus Project condition because of the following reasons:

LSA

Table X: TDP-12 Analysis Summary (Buildout Approved Plus Project)

Turn Movement	Jeffrey Road/A Street[1]		Jeffrey Road/B Street[1]		Jeffrey Road/C Street[1]	
	AM	PM	AM	PM	AM	PM
Northbound Left (NBL)	0	0	0	0	0	0
Northbound Through (NBT)	273	813	243	697	169	580
Northbound Right (NBR)	77	275	36	120	77	119
Southbound Left (SBL)	2	6	1	3	1	3
Southbound Through (SBT)	1,077	260	964	194	838	81
Southbound Right (SBR)	0	0	0	0	0	0
Eastbound Left (EBL)	0	0	0	0	0	0
Eastbound Through (EBT)	0	0	0	0	0	0
Eastbound Right (EBR)	0	0	0	0	0	0
Westbound Left (WBL)	280	175	115	72	127	116
Westbound Through (WBT)	0	0	0	0	0	0
Westbound Right (WBR)	6	4	3	2	3	2
Major Street Approaches	1,429	1,354	1,244	1,014	1,085	783
Minor Street Approach	286	179	118	74	130	118
Signal Warranted?[2]	**Yes**	**Yes**	**Yes**	**No**	**Yes**	**No**

Source: Compiled by LSA (2023).

[1] The Major Street (Jeffrey Road) has two-lane approaches.
The Minor Street (A/B/C Street) has a one-lane approach.

[2] 75 vehicles per hour applies as the lower threshold volume for a minor-street approach with one lane

- Considering the TDP-3 analysis results for the Buildout Approved Plus Project condition described before in this study, a traffic signal at A Street is recommended to provide a safe and efficient operation at this location, particularly related to left-turn in/out access. As for B and C Streets, the intersections would operate at a satisfactory LOS C with a one-way stop control installed on the project driveways (B and C Street).

- An internal driveway (D Street), as shown on Figure 2, provides internal connection for all driveways intersecting with Jeffrey Road or Portola Parkway. It allows residents living adjacent to B and C Streets to access Jeffrey Road via A Street, where a traffic signal is warranted and recommended.

- Additionally, a traffic signal is provided at the intersection of Jeffrey Road and Portola Parkway. As shown on Figure 29, the distance between Jeffrey Road/Portola Parkway and A, B, and C Streets is relatively short, approximately ranging from 750 feet to 1,120 feet. Multiple traffic signals within a short segment on Jeffrey Road would potentially result in an unnecessary breakdown in traffic flow.

TDP-14: Driveway Lengths

Per TDP-14, The minimum signalized driveway length should be 75 feet and should increase at a rate of 1 foot of storage per peak-hour vehicle (in 25-foot increments); the minimum unsignalized driveway length should be 25 feet and should increase at a rate of 1 foot of storage per peak-hour vehicle (in 25-foot increments). Figure 29 illustrates the minimum driveway lengths required to accommodate the inbound peak-hour traffic at each project driveway in accordance with TDP-14 criteria. The project applicant is aware that the minimum requirements for driveway lengths per TDP-14, as described below, should be incorporated into the project design.

Jeffrey Road/A Street. A Street is recommended as a signalized full-access driveway on Jeffrey Road. Application of the minimum signalized driveway length criteria contained in TDP-14 to the Buildout Plus Project peak-hour inbound traffic volumes shown on Figure 34 results in a recommended driveway length of 350 feet for the 79 a.m. or 281 p.m. peak-hour inbound vehicles entering A Street on Jeffrey Road.

Jeffrey Road/B Street. This is an unsignalized driveway proposed by this project on Jeffrey Road. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Buildout Plus Project peak-hour inbound traffic volumes shown on Figure 34 results in a recommended driveway length of 125 feet for the 37 a.m. or 123 p.m. peak-hour inbound vehicles entering B Street on Jeffrey Road.

Jeffrey Road/C Street. This is an unsignalized driveway proposed by this project on Jeffrey Road. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Buildout Plus Project peak-hour inbound traffic volumes shown on Figure 34 results in a recommended driveway length of 125 feet for the 78 a.m. or 122 p.m. peak-hour inbound vehicles entering C Street on Jeffrey Road.

E Street/Portola Parkway. This is an unsignalized RIRO driveway proposed by this project on Portola Parkway. Application of the minimum unsignalized driveway length criteria contained in TDP-14 to the Buildout Plus Project peak-hour inbound traffic volumes shown on Figure 34 results in a recommended driveway length of 100 feet for the 30 a.m. or 76 p.m. peak-hour inbound vehicles entering E Street on Portola Parkway.

Circulation Phasing

The City's *2020 Citywide Circulation Phasing Analysis Report* (LSA 2020) was reviewed to identify any deficient locations within the project study area. The City's analysis identified three locations for recommended improvements (Harvard Avenue/Michelson Drive, Bake Parkway/Jeronimo Road, and Jamboree Road/Portola Parkway). Only two locations (364: Bake Parkway/Jeronimo Road and 124: Jamboree Road/Portola Parkway) are within the project study area.

Based on the results presented in this Traffic Study, the proposed project would not result in any LOS impacts at the intersections identified above. As a result, study area improvements are not required as a part of the circulation phasing analysis.

Pedestrian Circulation

The City's *General Plan Circulation Element* lists three objectives that aim to support pedestrian circulation. Objective C-3 is "to maintain and enhance the pedestrian circulation system to support and encourage walking as a mode of transportation" (City of Irvine 2024). Objective C-5 is to "enhance the city's infrastructure to support and encourage walking, cycling, and other forms of active transportation by developing safe, accessible and interconnected networks of pathways, bike lanes, and multi-use trails throughout Irvine" (City of Irvine 2024). Objective C-6 is to "plan, develop, and maintain a trail network to support facilities that support the needs of cyclists, equestrian riders, and hikers" (City of Irvine 2024).

In the vicinity of the proposed project, sidewalks are currently provided on the south side of Portola Parkway and the west side of Jeffrey Road (south of Portola Parkway). JOST is located on the east side of Jeffrey Road (south of Portola Parkway).

A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the easternmost end of the JOST, which runs through Irvine. A sidewalk on the north side of Portola Parkway along the project property frontage is proposed as a project design feature.

Bicycle Circulation

The City's *General Plan* includes a list of goals and objectives for bicycle planning. As stated in the *General Plan*, the bicycle circulation objective C-4 is to: "Plan, provide, maintain, and enhance a comprehensive bicycle network that encourages increased use of bicycles." (City of Irvine 2024). Objective C-5 is to "enhance the city's infrastructure to support and encourage walking, cycling, and other forms of active transportation by developing safe, accessible and interconnected networks of pathways, bike lanes, and multi-use trails throughout Irvine" (City of Irvine 2024). Objective C-6 is to

"plan, develop, and maintain a trail network to support facilities that support the needs of cyclists, equestrian riders, and hikers" (City of Irvine 2024).

On-street (Class II) bicycle lanes are currently provided on Portola Parkway and Jeffrey Road (south of Portola Parkway). The JOST is located on the east side of Jeffrey Road (south of Portola Parkway). A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. Additionally, the cross-section measurement for Jeffrey Road north of Portola Parkway to C Street would be approximately 33 feet in each direction, which is wide enough to provide two through lanes with on-street bike lanes.

At the time this traffic study was prepared, an amendment to the bicycle parking requirements, as stated in the City's Zoning Ordinance, has not been finalized and approved by the Planning Commission and City Council. The project applicant is aware and is committed to providing bicycle parking amenities that meet the upcoming zoning ordinance update.

Transit Facilities

Objective C-7 of the City's General Plan aims to maintain a public transit system for trips within the City and to/from adjacent areas. OCTA provides 60 bus routes throughout Orange County. The bus network includes local, community, and express routes. Within the proximity of the project site, there are no transit routes and stops nearby in the existing condition. The closest bus stops are located at the northwest and southwest corners of Jeffrey Road/Irvine Boulevard, which are approximately 1 mile from the project site. These bus stops service OCTA Route 167, which provides transportation to and from these bus stops and throughout the cities of Orange and Irvine via Jeffrey Road and has stops at the major activity centers, such as the Village at Orange, Irvine Valley College, and University Center. In addition, Irvine CONNECT, a free shuttle service, is provided by the City to connect the northern end of Irvine to the Irvine Train Station via Yale Avenue, with stops at parks, schools, hospitals, and shopping centers. It should be noted that the updated site plan provided by the developer will include a new transit stop and bus turnout on Jeffrey Road at approximately the northeast corner of Jeffrey Road and C Street. This new transit stop will serve the expanded Irvine CONNECT route, to be implemented by the City, with the extension going adjacent to the Irvine Gateway project. The Irvine CONNECT and OCTA bus system maps and bus stop locations are provided in Appendix F.

Congestion Management Program Checklist

As presented in Table B, the proposed project is forecast to generate 10,825 daily trips. Although the proposed project would generate more than 2,400 daily trips, it is not expected to add more than 1,600 ADT to the direct access, or in close proximity, to a CMP Highway System. The closest CMP facility is Irvine Boulevard, approximately 1 mile from the project site. In addition, based on the results presented in this Traffic Study, all the CMP intersections within the NITM study area are forecast to operate at an acceptable LOS and the proposed project would not result in any LOS impacts at those CMP intersections based on an analysis of Short-Term traffic conditions that is required by the CMP. The City's *CMP Monitoring Checklist*: *Land Use Coordinator Component* is provided in Appendix G.

Vehicle Miles Traveled Analysis

Background

On December 28, 2018, the California Office of Administrative Law cleared the revised *State CEQA Guidelines* for use. Among the changes to the guidelines was removal of vehicle delay and LOS from consideration under CEQA. As a result of the final rulemaking surrounding Senate Bill 743 and the implementation deadline of July 1, 2020, a VMT analysis has been prepared in accordance with the City's adopted *Traffic Study Guidelines* (City of Irvine 2023).

Screening Criteria

Per the City's *Traffic Study Guidelines*, there are five types of screening criteria that lead agencies can apply to effectively screen projects from project-level assessment. These are summarized below:

1. The project requires an Addendum to a certified Environmental Impact Report (EIR) and can demonstrate that it is not subject to VMT analysis per *State CEQA Guidelines* Sections 15064.3 and 15007(c), and applicable guidance from the Governor's Office of Planning and Research.

2. The project results in a net increase of 250 or less weekday daily trips based on the latest edition of the ITE trip rates (or other trip generation rate approved by the City).

3. The project is located in a Transit Priority Area (i.e., located within 0.5 mile of an existing rail transit station or within 0.5 mile of two or more existing bus routes with a frequency of service interval of 15 minutes or less during morning and evening peak hours).

4. The project is 100 percent restricted affordable housing units.

5. The project is locally serving 100,000 square feet or less of retail use, daycare use, or a locally serving public school (kindergarten through 12th grade).

As previously mentioned, the project site is located north of Portola Parkway, east of Jeffrey Road, south of SR-241, and west of Bee Canyon Access Road, and there are no transit routes and stops within 0.5 mile. The proposed project includes approximately 1,360 residential units (408 single-family detached units and 952 multi-family units), which would generate 10,825 daily trips in total based on the ITE trip rates. In addition, 25 percent (340 units) of the total proposed units are affordable housing units. The proposed project cannot be screened out based on any of the adopted screening criteria.

Analysis

Since the proposed project does not screen out based on any of the above criteria, a VMT analysis is required. The VMT analysis was prepared, and the results are provided in Appendix H. Table Y below presents a summary of the VMT analysis results. As shown in Table Y, the proposed project is required to reduce its VMT by 25.7 percent and is presumed to have a significant CEQA transportation impact.

Table Y: Project VMT Analysis Result

VMT Analysis Scenario	VMT Rate	
	VMT	Metric
VMT Threshold Goal[1]	14.88	VMT per capita
Project VMT Rate[2]	20.03	VMT per capita
Above or Below Citywide VMT Threshold	**Above**	
Significant Impact?	**Yes**	
VMT Reduction Required	**25.7%**	

Source: Compiled by LSA (2024).
[1] Per the City of Irvine *Traffic Study Guidelines* (March 21, 2023).
[2] Project VMT analysis is provided in Appendix H.
VMT = vehicle miles traveled

VMT Mitigation Measures

Since a significant VMT impact (25.7 percent) has been identified for the residential project, potential mitigation measures to reduce the project's VMT impact to a level at or below the City's threshold must be identified. According to the City's *Traffic Study Guidelines*, all feasible mitigation measures must be incorporated into the project to substantially reduce the impact even if the project cannot meet the adopted VMT threshold.

The California Air Pollution Control Officers Association (CAPCOA) *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* (December 2021) (CAPCOA Handbook) is utilized for identifying the various mitigation strategies and methods to quantify VMT reductions. The CAPCOA VMT reduction strategies include built environment changes and transportation demand management (TDM) actions. The TDM strategies are separated into seven subsectors: Land Use, Trip Reduction Programs, Parking or Road Pricing/Management, Neighborhood Design, Transit, Clean Vehicles and Fuels, and School Programs.

Effectiveness levels for multiple measures within a subsector may be calculated to determine a combined effectiveness level. CAPCOA recommends that measures reductions within a subsector be multiplied. This will take the following form:

$$\text{Reduction}_{\text{subsector}} = 1 - [(1 - A) * (1 - B) * (1 - C)]$$

A, B, and C are the individual measures reduction percentages for the measures to be combined in each subsector. In addition, each subsector has a maximum allowable reduction.

CAPCOA also adopts 70 percent as a maximum for the combined VMT impact from the following four subsectors: Land Use, Neighborhood Design, Parking or Road Pricing/Management, and Transit ($\text{Reduction}_{\text{multi-subsector}} = 1 - [(1 - \text{Land}) * (1 - \text{Design}) * (1 - \text{Parking}) * (1 - \text{Transit})] \leq 70\%$).

Three mitigation measures (T-4, T-18, and T-20, as listed below) were identified as applicable measures for the proposed project. Other potential VMT mitigation measures were also reviewed but ruled out because of the nature of the proposed use and the lack of ongoing control that the property developer has with respect to implementation.

- **Land Use:**
    - **T-4 (Integrate Affordable and Below Market Rate Housing):** Up to a 28.6 percent maximum VMT reduction. Individuals living in affordable multi-family housing have lower rates of car ownership and higher rates of other transportation modes, such as transit, bicycling, and walking.
- **Neighborhood Design:**
    - **T-18 (Provide Pedestrian Network Improvement):** Up to a 6.4 percent maximum VMT reduction. Providing sidewalks and an enhanced pedestrian network encourages people to walk instead of drive, and this mode shift results in a reduction in VMT.
    - **T-20 (Expand Bikeway Network):** Up to a 0.5 percent maximum VMT reduction. Providing bike lanes and an enhanced bikeway network can increase access to and from transit hubs. This encourages a mode shift from vehicles to bicycles and displaces VMT.

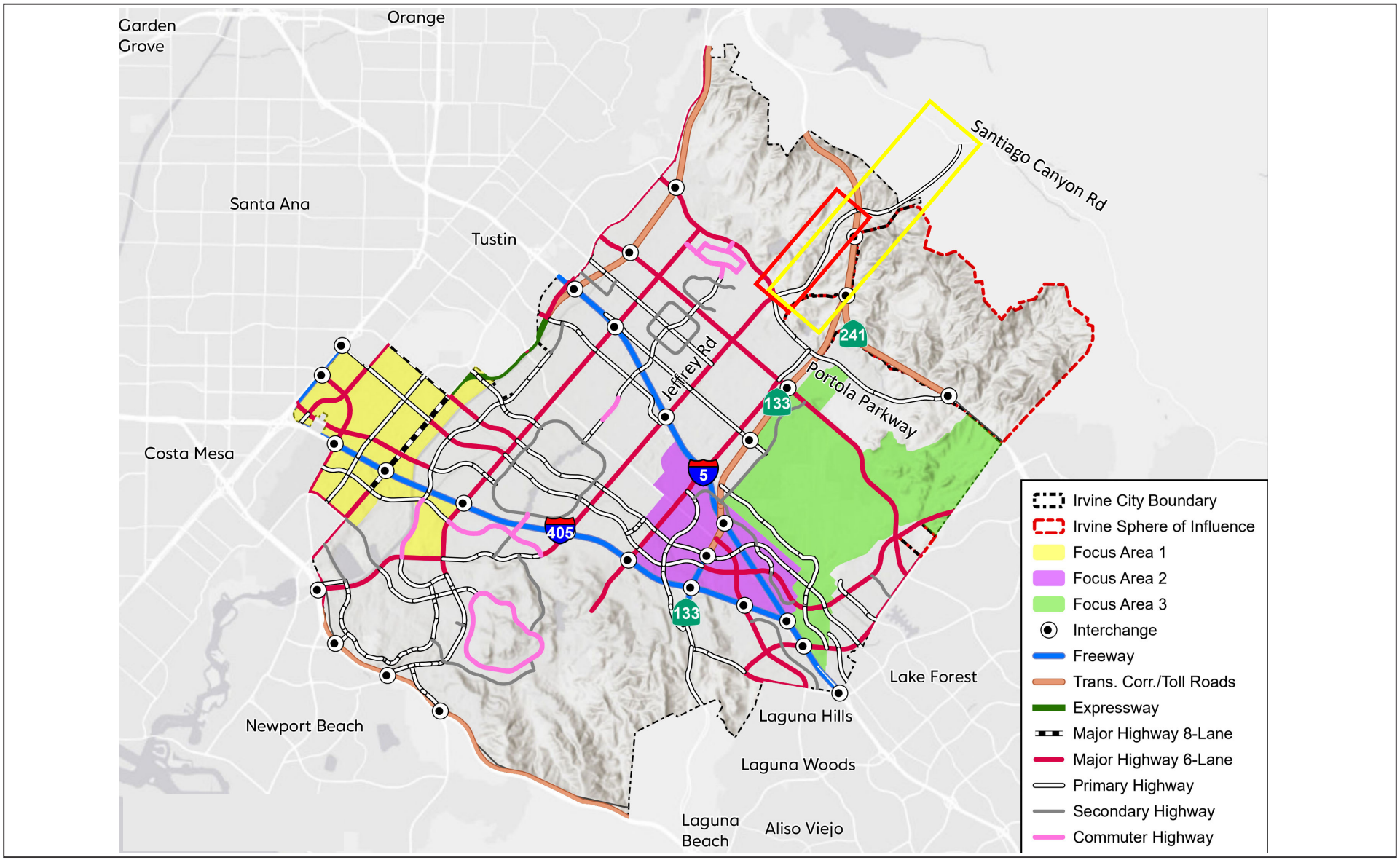
Since 25 percent of the total proposed units are affordable housing units, as previously stated, Mitigation Measure T-4 will reduce the VMT impact no more than 7.15 percent (28.6 percent * 25 percent). In addition, per the City's *Traffic Study Guidelines,* the City allows for a 2.5 percent VMT reduction related to pedestrian and bicycle connectivity. As such, the combination of Mitigation Measures T-18 and T-20 would provide a maximum VMT reduction of 2.5 percent. Assuming each mitigation measure could achieve its maximum VMT reduction value, the implementation of these three mitigation measures could reduce VMT by a total of 9.5 percent, which is less than the project's VMT impact of 25.7 percent. Therefore, the proposed project will have a significant unavoidable VMT impact.

$$\text{Reduction}_{\text{multi-subsector}} = 1 - [(1 - \text{Land}) * (1 - \text{Design})]$$
$$= 1 - [(1 - 28.6\% * 25\%) * (1 - 2.5\%)]$$
$$= 9.5\%$$

The VMT mitigation measures mentioned in the *CAPCOA Handbook,* as well as the City's *Traffic Study Guidelines*, would not reduce the total VMT increase caused by this proposed residential project below the VMT Impact Threshold. Therefore, this project would result in a significant transportation (CEQA) impact, and a Statement of Overriding Considerations must be considered for adoption and is a part of the CEQA document (EIR) prepared for this project.

Jeffrey Road Extension Feasibility Analysis

A planned extension of Jeffrey Road, between C Street and the SR-241 Toll Road and further north to Santiago Canyon Road, is currently designated on the City's Circulation Plan and OCTA's MPAH. Figure 35 shows the location of the Jeffrey Road extension. A separate feasibility analysis is prepared to evaluate with and without the proposed roadway extension and is provided in Appendix I.



LSA

FIGURE 35

LEGEND

Jeffrey Road Extension (from Portola Parkway to SR-241) in the Buildout Approved Plus Project condition.

Jeffrey Road Extension (from Portola Parkway to Santiago Canyon Road) in the Buildout Approved Plus Project condition.

0 1 2
MILES

SOURCE: 2045 Irvine General Plan (2024)

Irvine Gateway Village

Jeffrey Road Extension Location

I:\2023\20231340\G\Jeffrey_Extension.ai (12/23/2024)

REQUIRED IMPROVEMENTS AND/OR RECOMMENDATIONS

Based on the results of the LOS analysis, the proposed project may potentially result in an LOS impact at the following location, and the corresponding physical improvement is required:

- **I-5 SB On-Ramp at Jeffrey Road under the Long-Range Approved Scenario:** The conversion of the HOV preferential on-ramp to a second metered mixed-flow lane at this ramp location will increase the on-ramp capacity and reduce the project's LOS impact. The project will participate in the implementation of this identified NITM mitigation improvement on a fair-share basis to mitigate its impact, and a 1.62 percent fair-share contribution would be required.

Based on the results of the access analysis for the Buildout Approved scenario, a traffic signal would be warranted and recommended at A Street on Jeffrey Road if and when the extension of Jeffrey Road to SR-241 is built, in order to satisfy both TDP-3 and TDP-12 criteria in the Buildout condition.

CONCLUSIONS

The LOS evaluation of the intersections, arterial roadway segments, and freeway/tollway ramps and mainline segments within the NITM study area shows that the addition of project traffic to Existing, Short-Term Approved, and Buildout Approved conditions would not create any LOS impacts. However, the proposed project will result in an LOS impact at the I-5 SB on-ramp at Jeffrey Road in the Long-Range Approved condition. Converting the HOV preferential on-ramp to a second metered mixed-flow lane at this ramp would mitigate the project's LOS impact. The project will be responsible for a fair-share commitment towards implementation of this identified NITM improvement.

A site access analysis, consistent with the City's TDPs, was conducted for the project for both Existing and Buildout Approved scenarios. The summary of access analysis results for each scenario has been described below.

Existing Baseline and Plus Project Scenario

This scenario does not include the Jeffrey Road extension. Under this scenario, Jeffrey Road between Portola Parkway and C Street was recently constructed as a four-lane Primary roadway and terminates near C Street (approximately 3,100 feet north of Portola Parkway). The cross section of Jeffrey Road includes an on-street bike lane on both sides of the street and an NB de-facto right-turn lane at each project driveway (which would satisfy TDP-4 criteria). No impacts to vehicle access were identified using the following design guidelines with the recommendations provided in this Traffic Study:

- **TDP-1:** Turn Lane Pocket Lengths
- **TDP-3:** Left-Turn In/Out Access
- **TDP-4:** Right-Turn Lanes at Uncontrolled Driveways
- **TDP-10:** Distance between Driveways and Intersections
- **TDP-14:** Driveway Lengths

A traffic signal is not warranted based on expected traffic conditions at any of the proposed project access points from Jeffrey Road in the Existing Plus Project scenario, per TDP-12 criteria. A one-way stop control is proposed for A, B, and C Streets at Jeffrey Road in the existing condition.

Buildout Approved Baseline and Plus Project Scenario

This scenario does include the Jeffrey Road extension from C Street to SR-241 and further north to Santiago Canyon Road. Under this scenario, a traffic signal would be warranted and recommended at A Street on Jeffrey Road to satisfy both TDP-3 and TDP-12 criteria. In addition to a four-lane Primary facility for Jeffrey Road, an NB de-facto right-turn lane is provided at A, B, and C Streets on Jeffrey Road to satisfy TDP-4 criteria. No impacts to vehicle access were identified using the following design guidelines with the recommendations provided in this Traffic Study:

- **TDP-1:** Turn Lane Pocket Lengths
- **TDP 3:** Left-Turn In/Out Access
- **TDP 4:** Right-Turn Lanes at Uncontrolled Driveways
- **TDP-10:** Distance between Driveways and Intersections
- **TDP-14:** Driveway Lengths

A Traffic signal is warranted at A, B, and C Streets on Jeffrey Road in the Buildout Approved Plus Project scenario, per TDP-12 criteria. However, only a traffic signal at A Street is recommended in the Buildout condition, if and/or when Jeffrey Road is extended north to SR-241, based on several factors, including the distance between driveways, the peak-hour traffic volumes primarily at A Street, and the internal circulation (i.e., D Street) that would allow project vehicles to access the proposed signal at A Street. A one-way stop control is proposed for B and C Streets at Jeffrey Road in the buildout condition.

The proposed project would maintain the existing walkways/sidewalks, on-street (Class II) bicycle lanes, and JOST in the vicinity of the project site. A proposed extension of the JOST would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the northernmost end of the JOST, which runs through Irvine. A sidewalk on the north side of Portola Parkway, along the project property frontage, is proposed as a project design feature. In addition, there are no transit routes and stops within 0.5 mile of the project site in the existing condition. The closest bus stops are located at the northwest and southwest corners of Jeffrey Road/Irvine Boulevard, which are approximately 1 mile away from the project site. The updated site plan provided by the developer will include a new transit stop and bus turnout on Jeffrey Road at approximately the northeast corner of Jeffrey Road and C Street. This new transit stop will serve the expanded Irvine CONNECT route, to be implemented by the City, with the extension going adjacent to the Irvine Gateway project.

Based on the City's *Traffic Study Guidelines*, the proposed project is required to reduce its VMT by 25.7 percent and is presumed to have a significant CEQA transportation impact. Three applicable VMT mitigation measures identified from the *CAPCOA Handbook,* as well as the City's *Traffic Study Guidelines*, include T-4 (Integrate Affordable and Below Market Rate Housing), T-18 (Provide Pedestrian Network Improvement), and T-20 (Expand Bikeway Network). Assuming each mitigation

measure could achieve its maximum VMT reduction value, the implementation of these three mitigation measures could reduce VMT by a total of 9.5 percent, which is less than the project's VMT impact of 25.7 percent. As a result, the proposed project will have a significant unavoidable VMT impact. Therefore, a Statement of Overriding Considerations must be considered for adoption and is a part of the CEQA document (EIR) prepared for this project.

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APPENDIX A

APPROVED SCOPE OF WORK

IRVINE GATEWAY VILLAGE
TRAFFIC STUDY SCOPE OF WORK

The purpose of this Scope of Work is to define the methodology and requirements for a Traffic Study for approximately 1,360 residential dwelling units and 100 acres of public park use within the Irvine Gateway Village portion of the City of Irvine (City). The project site is located north of Portola Parkway, east of Jeffrey Road, south of SR-241 and west of Bee Canyon Access Road.

The Irvine Gateway Village is planned to result in the development of an approximately 61-acre residential village with adjacent parks, trails, and open space preserves. Besides the residential component, the project includes a new park, called South Park. A proposed extension of the Jeffrey Open Space Trail (JOST) would form the western edge of the project site and would connect to the new South Park. A pedestrian bridge would cross over Portola Parkway as part of the JOST extension. The JOST extension would mark the easternmost end of the JOST, which runs through the City. A linear park area along Bee Canyon Access Road would be created as well. For purposes of the traffic study, the total area of added public parks and open space areas would be approximately 100 acres. The project requires a General Plan Amendment, Zone Change, Master Plan and Tentative Tract Maps.

The Traffic Study will determine the potential short-term, long-range and buildout traffic level of service (LOS) impacts resulting from the development of approximately 1,360 residential dwelling units (including 408 single-family detached units and 952 multi-family units) and 100 acres of public park use on the vacant property. The project will provide 25% affordable units (340 units). The design of the proposed project (including the access, circulation, and layout of the site plan) is subject to the findings of the Traffic Study. The study will also include an assessment of Vehicle Miles Traveled (VMT), which is the metric used to determine potential California Environmental Quality Act (CEQA) impacts for transportation.

Access to the project site will be provided via driveways along Jeffrey Road (north of Portola Parkway) and a right turn in/out only (RIRO) driveway onto Portola Parkway (east of Jeffrey Road). This Scope of Work outlines the tasks necessary for the preparation of a Traffic Study. The Traffic Study will be developed in accordance with the applicable sections of the City's Traffic Study Guidelines (March 2023), North Irvine Transportation Mitigation (NITM) requirements (City Council Ordinance No. 03-61) and the City's Transportation Design Procedures (TDPs) (February 2007) and will include the following key elements.

I. EXECUTIVE SUMMARY

This section of the Traffic Study will provide a short, clear, and concise description of the project and analysis findings. The project recommendations and mitigation measures will also be included in this section, if necessary.

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II. INTRODUCTION

This section will include a comprehensive description of the project and key elements of the Traffic Study, including planning area description, general terrain features, and approved and proposed uses on site. The specific surrounding land uses on each adjacent parcel will also be described. The following elements are identified for the purpose of conducting the Traffic Study.

A. Project Site

A project location and study area map (Figure 1, attached) is attached to this Scope of Work and will be provided in the Traffic Study. The project site is located north of Portola Parkway, east of Jeffrey Road, south of SR-241 and west of Bee Canyon Access Road. Access to the site will be provided via Jeffrey Road and a RIRO driveway on Portola Parkway. A preliminary site plan is illustrated in Figure 2 (attached).

B. Study Area Boundary

The study area will include the intersections, roadway segments, freeway mainline and freeway ramps required for analysis under the NITM requirements and included in the City's traffic model (Irvine Transportation Analysis Model [ITAM TC V1.8]). The study area will be confirmed with City staff prior to the analysis.

If significant project traffic distribution is identified at the boundary of the initial study area, the analysis area will be expanded accordingly.

C. Existing, General Plan, and Proposed Site Uses

Existing site uses, zoning and proposed land uses shall be described.

III. PERFORMANCE CRITERIA

The performance criteria to determine potential project effects and improvements will be consistent with the City's criteria, as approved by the City (March 2023). Also, the most recently approved peak-hour link capacity methodology will be utilized for evaluating roadway capacity conditions and the need for improvements (if necessary). The City's TDPs will be used as the performance criteria to evaluate the design features of the proposed project accesses and internal circulation.

IV. EXISTING CONDITIONS

A. Existing Site Uses

Existing and approved land uses on site will be identified.

B. Existing Roadways and Intersections

The characteristics of the site's surrounding roadway network will be surveyed to verify the existing number of lanes, traffic signal locations, intersection configurations, and other visible factors that may have to be included in the analysis.

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Existing roadway volumes, volume-to-capacity (v/c) ratios, and level of service (LOS) at intersections will be included for the above roadways and intersections. The Intersection Capacity Utilization (ICU) and Highway Capacity Manual (HCM) methodologies will be used for signalized and unsignalized intersections, respectively. Freeway mainline and ramp locations will be based on a v/c calculation, consistent with the City's NITM Ordinance. The LOS analysis tables will include ITAM TransCAD (ITAM TC V1.8) intersection and link numbers for each study area intersection and roadway segment.

V. ANALYSIS METHODOLOGY/APPROACH

Existing traffic volume data within the study area (peak hour intersection counts and daily roadway segment volume) will be obtained from the City. Traffic data for Caltrans facilities will be obtained through the Caltrans Performance Management System (PeMS).

Study area intersections will be analyzed using the adopted ICU methodology for signalized intersections and the HCM methodology for unsignalized intersections. The roadway segments between the intersections will also be analyzed in the report. Daily traffic volumes and v/c ratios will be presented in the analysis for these roadway segments. A peak-hour link analysis will be conducted for roadway segments where the "plus project" LOS is LOS E and the project contributes greater than 0.02 to the v/c ratio. Roadway v/c ratios will also be prepared for freeway mainline and ramp locations.

The criteria to evaluate arterial roadways, intersections, freeway/tollway mainline segments and freeway/tollway ramps outside of Irvine are based on the LOS calculation methodologies and performance standards that have been adopted by the governing jurisdictions in the study area and by the OCTA as part of the CMP. When analyzing individual locations on the study area circulation system, the criteria of the jurisdiction in which a given facility is located will be applied, consistent with the City's NITM Ordinance.

The approved TransCAD version of the ITAM (V1.8) will be used for conducting all model runs. The following ITAM TC V1.8 future runs will be conducted by LSA:

- Short-Term Interim-Year Approved Baseline
- Short-Term Interim-Year Approved Baseline Plus Project
- Long Range Approved Baseline
- Long Range Approved Baseline Plus Project
- Buildout Approved Baseline
- Buildout Approved Baseline Plus Project
- Buildout Pending Baseline
- Buildout Pending Baseline Plus Project

Note – two additional model runs will be conducted as part of a Jeffrey Road Extension Feasibility Analysis, described in Section X. of this scope of work.

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The future conditions described above are based on the roadway network and land use assumptions envisioned to be in place. City staff has incorporated all approved projects to be analyzed for the cumulative setting in the ITAM TC V1.8.

City staff will make all necessary land use and network changes for the baseline (approved) scenarios and will provide LSA with the baseline ITAM TC V1.8 files. LSA will prepare the forecast "plus project" ITAM TC V1.8 data. A description of any changes to the ITAM TC V1.8 for this project will be provided to the City for review. The ITAM TC V1.8 data will be post-processed and used in the LOS analysis.

VI. FUTURE TRAFFIC CONDITIONS

LSA will analyze the project LOS effects on the study area intersections, roadway segments and Caltrans mainline/ramp locations for the Short-term Interim-year, Long Range and Buildout Approved conditions.

LSA will request the future baseline ITAM TC V1.8 from City staff. LSA will revise the land use and incorporate network changes related to the "plus project" scenario. These ITAM runs will include the following scenarios:

1. **Short-Term Interim-Year Approved Baseline:** The ITAM TC V1.8 run will include each application for development approved by the City. Any additional development beyond the existing uses for the project that might be assumed in ITAM TC V1.8 will be deleted for the analysis of this scenario.

2. **Short-Term Interim-Year Baseline Plus Project:** The ITAM TC V1.8 run will include each application for development approved by the City. The 1,360 residential dwelling units, including 408 single-family detached units and 952 multi-family units, will be included in TAZ 77 (ITAM TC)/TAZ 58 (ITAM 15). The 100 acres of public park use will be included in TAZ 14 (ITAM TC)/TAZ 12 (ITAM 15).

3. **Long Range Approved Baseline:** The ITAM TC V1.8 run will include each application for development approved by the City. Any additional development beyond the existing uses for the project that might be assumed in ITAM TC V1.8 will be deleted for the analysis of this scenario.

4. **Long Range Baseline Plus Project:** The ITAM TC V1.8 run will include each application for development approved by the City. The 1,360 residential dwelling units, including 408 single-family detached units and 952 multi-family units, will be included in TAZ 77 (ITAM TC)/TAZ 58 (ITAM 15). The 100 acres of public park use will be included in TAZ 14 (ITAM TC)/TAZ 12 (ITAM 15).

5. **Buildout Approved Baseline:** The ITAM TC V1.8 run will include each application for development approved by the City. Any additional development beyond the existing uses for

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the project that might be assumed in ITAM TC V1.8 will be deleted for the analysis of this scenario.

6. **Buildout Baseline Plus Project:** The ITAM TC V1.8 run will include each application for development approved by the City. The 1,360 residential dwelling units, including 408 single-family detached units and 952 multi-family units, will be included in TAZ 77 (ITAM TC)/TAZ 58 (ITAM 15). The 100 acres of public park use will be included in TAZ 14 (ITAM TC)/TAZ 12 (ITAM 15).

7. **Buildout Pending Baseline:** The ITAM TC V1.8 run will include each application for development currently approved and under review by the City. Any additional development beyond the existing uses for the project that might be assumed in ITAM TC V1.8 will be deleted for the analysis of this scenario.

8. **Buildout Pending Plus Project:** The ITAM TC V1.8 run will include each application for development currently approved and under review by the City. The 1,360 residential dwelling units, including 408 single-family detached units and 952 multi-family units, will be included in TAZ 77 (ITAM TC)/TAZ 58 (ITAM 15). The 100 acres of public park use will be included in TAZ 14 (ITAM TC)/TAZ 12 (ITAM 15).

LSA will utilize the ITAM TC V1.8 to analyze these conditions at study area intersections, roadway segments and Caltrans facilities. In addition, City staff will review the ITAM TC V1.8 network and land uses for the baseline and "plus project" scenario to ensure that it accurately reflects the project impacts prior to the model runs. LSA will provide an electronic copy of the "plus project" ITAM TC V1.8 runs with the Traffic Study to the City/Project Manager for review.

Project LOS impacts will be identified at study area intersections for the Short-term Interim-Year, Long Range and Buildout Approved conditions, assuming improvements to the circulation system identified by the City. Daily traffic volumes and v/c ratios will also be presented in the analysis for the study area roadway segments for each scenario. The City's peak-hour link analysis (per the adopted City Traffic Study Guidelines) will be utilized for evaluating roadway capacity conditions and the need for improvements (if necessary). The peak-hour link analysis will determine directional a.m. and p.m. peak-hour v/c ratios for each link which is projected to exceed LOS standards. The peak-hour capacity will be determined by multiplying the midblock number of lanes for each direction by a lane capacity of 1,600 vehicles per hour. Where the distance between controlled intersections is one or more miles, the midblock number of lanes shall be multiplied by a lane capacity of 2,000 vehicles per hour.

VII. PROPOSED PROJECT IMPACTS

A. Trip Generation

LSA will generate a.m. peak-hour, p.m. peak-hour, and daily trips for the project land uses using trip rates from the ITE Trip Generation manual (10th Edition), consistent with the latest version of the ITAM model. This information will be provided in tabular form (Table A, attached).

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B. Adjustments to Trip Generation

No adjustments to the trip generation shall be made without prior written approval from the City.

C. Trip Distribution and Trip Assignment

The directions of approach to and departure from the site will be obtained based on an ITAM TC V1.8 select zone analysis conducted for Buildout Approved Baseline Plus Project a.m. peak-hour, p.m. peak-hour, and daily conditions. Any revisions to the project TAZ centroid connectors or refinements to the project trip distribution based on the locations and layout of the project driveways shall be completed in coordination with City staff. A map indicating regional directions of trip distribution will be presented in the Traffic Study.

VIII. PHASING

The proposed project will be completed in a single phase.

IX. SPECIAL ANALYSES/ISSUES

A. Access Analysis

An access analysis of the proposed project driveways on Jeffrey Road (full access) and Portola Parkway (RIRO) will be performed. LSA will review project volume forecasts and determine the adequacy of the interface with the arterial street system using the City's TDPs.

For purposes of the access analysis, the project will include 1,360 residential dwelling units, including 408 single-family detached units and 952 multi-family units, and 100 acres public park use. The project net peak-hour trips, per ITE trip rates, will be assigned in and out of the project access driveways. Trip distribution and driveway allocation will be determined using the distribution patterns from the most recent version of the ITAM TC V1.8 model. An exhibit will be provided that shows the existing without project and existing plus project turning volumes at the access driveways to the project site. The exhibit will depict the driveways, as well as any adjacent and/or opposing driveways. The exhibits will be drawn roughly to scale, with the distances between driveways and intersections dimensioned. The adjacent and opposing driveways to the project site will be included as part of the access analysis.

The internal circulation analysis will address specific design requirements of the City based on the proposed access plan and the project trip assignment. This analysis is to ensure that the project will continue to meet or exceed the requirements within the City's TDPs. Specific design features to be evaluated include:

- **Turn-lane Pocket Lengths (TDP-1)** – SBL and EBL at Jeffrey Road/Portola Parkway.
- **Left Turn-in/out Access (TDP-3)** – the project driveways on Jeffrey Road.
- **Right Turn Lanes at Uncontrolled Driveways (TDP-4)** – project driveways.
- **Distances between Driveways (TDP-10)** – project driveways.
- **Traffic Signal Warrant (TDP-12)** – project driveways on Jeffrey Road.

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- **Driveway Lengths (TDP-14)** – project driveways.
- **Gate Stacking (TDP-15)** – project driveways (if necessary)

A summary of the proposed project and results of the analysis will be prepared. Based upon these results, recommendations will be presented for the design of the project access driveways and interface with adjacent streets. These recommendations will be consistent with the City's TDPs.

B. Circulation Phasing

An analysis of any deficient intersections identified in the City's 2020 Circulation Phasing Analysis Report within the project study area (if any) will be included in this section.

C. Pedestrian Circulation

The pedestrian circulation on site and connection to the adjacent public facilities and corresponding traffic control measures within the project site will be discussed in this section. The Traffic Study will include a discussion of how policies a, b, and c of General Plan Objective B-3 will be met with implementation of this project.

D. Bicycle Circulation

Bicycle circulation on site and connection to adjacent bicycle facilities will be discussed in this section. LSA will document how the project will conform to applicable policies of Objective B-4 of the City's General Plan.

E. Transit Facilities

The Traffic Study will identify the transit facilities (e.g., OCTA bus, iShuttle, Irvine Connect) within the project vicinity. If a bus stop is located adjacent to the project site, LSA will discuss pedestrian access and bus stop turnout design per City guidelines.

F. Vehicle Miles Traveled (VMT) Analysis

LSA will conduct the appropriate level of VMT analysis, if required, based on the City's adopted Traffic Study Guidelines. The need for a VMT analysis is subject to the determination of the appropriate level of CEQA analysis required for the project.

If needed, a VMT analysis will be prepared to calculate the project's VMT based on the approved version of the ITAM TC V1.8. The project VMT will be compared to the regional VMT to determine potential CEQA impacts. The results of this analysis will identify if the proposed project has a less-than-significant impact or if mitigation is required to reduce the VMT.

X. JEFFREY ROAD EXTENSION FEASIBILITY ANALYSIS

A planned extension of Jeffrey Road, between Portola Parkway and SR-241 Toll Road, is currently designated on the City's Circulation Plan and OCTA's Master Plan of Arterial Highways (MPAH). A feasibility analysis will be prepared to evaluate with and without the proposed roadway extension. This sensitivity analysis will require two additional ITAM TC V1.8 model runs:

- Buildout Approved With Project (without Jeffrey Road extension from Portola Parkway to SR-241).
- Buildout Pending With Project (without Jeffrey extension from Portola Parkway to Santiago Canyon Road).

LSA will evaluate these model runs and analysis of all study area to determine potential impacts associated with the elimination of the planned roadway extension. Should any study area location require improvements, LSA will summarize potential mitigation to offset the LOS impacts.

LSA will also prepare a VMT analysis to evaluate potential impacts of the removal of the Jeffrey Road Extension (Portola Parkway to SR-241) under the With Project scenario. LSA will coordinate the model runs and results with City of Irvine Transportation modeling staff.

XI. REQUIRED MITIGATION MEASURES AND/OR RECOMMENDATIONS

Based on the results and in accordance with the adopted City Traffic Study Guidelines, physical, operational, and/or alternative improvements required to offset any potentially adverse effects due to the proposed project will be identified.

XII. CONCLUSIONS

A summary of the results of the analysis and recommendations will be prepared.

XIII. REVISIONS TO ANALYSIS

Revisions to the Traffic Study will be provided in response to the City's comments.

XIV. SIGNATURE

The Traffic Study will be prepared under the supervision of, and signed, stamped, and dated by, a registered traffic engineer or a registered professional civil engineer with appropriate engineering and/or planning credentials.

Attachments: Table A – Trip Generation Summary
Figure 1: Project Location and Study Area Intersections
Figure 2: Preliminary Site Plan

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LSA

Table A: Irvine Gateway Village Trip Generation

Land Use	Size	Unit	ADT	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Trip Rates[1]									
Single-Family Detached		du	9.44	0.18	0.56	0.74	0.62	0.37	0.99
Multi-Family Low-Rise		du	7.32	0.11	0.35	0.46	0.35	0.21	0.56
Public Park		ac	0.78	0.01	0.01	0.02	0.06	0.05	0.11
Project Trip Generation									
Single-Family Detached	408	du	3,852	73	228	301	253	151	404
Multi-Family Low-Rise	952	du	6,969	105	333	438	333	200	533
Public Park	100	ac	78	1	1	2	6	5	11
Total:			**10,899**	**179**	**562**	**741**	**592**	**356**	**948**

[1] Trip rates from the Institute of Transportation Engineers (ITE) *Trip Generation* Manual, 10th Edition (2017).

Land Use Code 210 - Single-Family Detached

Land Use Code 220 - Multi-Family Housing (Low Rise) - 2 or 3 Levels

Land Use Code 411 - Public Park

du = dwelling unit

ac = acre

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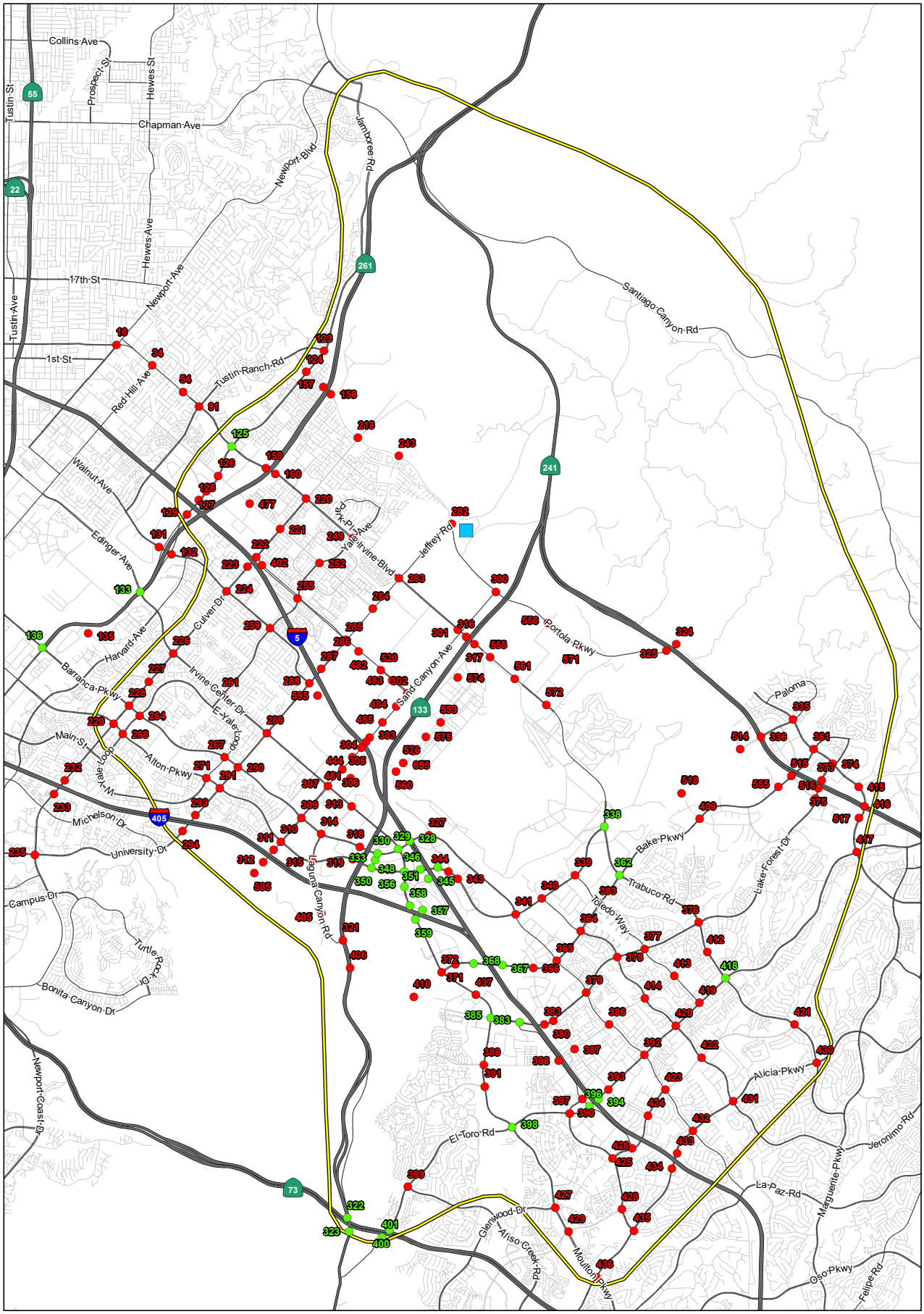

LSA

LEGEND

- Project Location
- Intersection Location
- Intersection Location where LOS E is Acceptable
- NITM Program Study Area Boundary

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FIGURE 1

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Irvine Gateway Project

Project Location and Study Area Locations

LSA

FIGURE 2

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NO SCALE

SOURCE: Irvine City Council Staff Report, 2024

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Irvine Gateway
Preliminary Site Plan

APPENDIX B

ITAM TRAFFIC FORECASTS

ITAM ICU Intersection Report
Existing

16 - Newport Av. @ Irvine Bl.
Existing Base-ITAM TC V1.8 TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	84	0.05*	129	0.08
NBT	3	5100	487	0.10	699	0.14*
NBR	1	1700	171	0.10	308	0.18
SBL	1	1700	103	0.06	113	0.07*
SBT	3	5100	947	0.19*	480	0.09
SBR	D	1700	218	0.13	253	0.15
EBL	2	3400	135	0.04*	195	0.06*
EBT	3	5100	742	0.15	721	0.14
EBR	D	1700	47	0.03	46	0.03
WBL	2	3400	296	0.09	223	0.07
WBT	3	5100	1023	0.20*	1390	0.27*
WBR	D	1700	30	0.02	39	0.02
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.53		0.59

34 - Red Hill Av. @ Irvine Bl.
Existing Base-ITAM TC V1.8 NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	246	0.07*	387	0.11*
NBT	1	1700	202	0.12	217	0.13
NBR	1	1700	160	0.09	133	0.08
SBL	2	3400	201	0.06	100	0.03
SBT	2	3400	348	0.13*	160	0.06*
SBR	0		80		59	
EBL	1	1700	40	0.02	78	0.05*
EBT	3	5100	1033	0.26*	1120	0.26
EBR	0		273		182	
WBL	1	1700	210	0.12*	165	0.10
WBT	3	5100	1364	0.29	1904	0.40*
WBR	0		91		127	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.67

54 - Browning Av. @ Irvine Bl.
Existing Base-ITAM TC V1.8 NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03*	53	0.03*
NBT	1	1700	60	0.04	23	0.01
NBR	1	1700	55	0.03	32	0.02
SBL	0		49		26	
SBT	1	1700	56	0.06*	32	0.03*
SBR	D	1700	85	0.05	38	0.02
EBL	1	1700	61	0.04*	18	0.01*
EBT	2	3400	1217	0.36	1229	0.36
EBR	D	1700	84	0.05	52	0.03
WBL	1	1700	63	0.04	44	0.03
WBT	2	3400	1580	0.46*	2083	0.61*
WBR	D	1700	43	0.03	32	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.73

91 - Tustin Ranch Rd. @ Irvine Bl.
Existing Base-ITAM TC V1.8 TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	223	0.07*	550	0.16*
NBT	3	5100	575	0.11	902	0.18
NBR	1	1700	182	0.11	286	0.17
SBL	2	3400	218	0.06	104	0.03
SBT	3	5100	1201	0.24*	440	0.09*
SBR	1	1700	453	0.27	278	0.16
EBL	2	3400	266	0.08*	235	0.07*
EBT	3	5100	672	0.13	784	0.15
EBR	1	1700	392	0.23	259	0.15
WBL	2	3400	266	0.08	150	0.04
WBT	3	5100	998	0.20*	1359	0.27*
WBR	1	1700	130	0.08	208	0.12
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.64		0.64

123 - Jamboree Rd. @ Tustin Ranch Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	109	0.06*	33	0.02
NBT	2	3400	382	0.11	1431	0.42*
NBR	1	1700	24	0.01	2	0.00
SBL	1	1700	16	0.01	3	0.00*
SBT	2	3400	1349	0.40*	426	0.13
SBR	1	1700	333	0.20	82	0.05
EBL	2	3400	82	0.02*	233	0.07*
EBT	1	1700	14	0.01	6	0.00
EBR	1	1700	29	0.02	16	0.01
WBL	1	1700	8	0.00	50	0.03
WBT	1	1700	9	0.01*	43	0.03*
WBR	1	1700	5	0.00	50	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.57

124 - Jamboree Rd. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	178	0.05	81	0.02
NBT	3	5100	321	0.06*	756	0.15*
NBR	F		153		212	
SBL	2	3400	498	0.15*	178	0.05*
SBT	3	5100	739	0.14	301	0.06
SBR	D	1700	5	0.00	3	0.00
EBL	1	1700	31	0.02	29	0.02
EBT	2	3400	317	0.09*	280	0.08*
EBR	D	1700	218	0.13	81	0.05
WBL	1	1700	291	0.17*	762	0.45*
WBT	2	3400	478	0.14	467	0.14
WBR	2	3400	178	0.05	205	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.78

125 - Jamboree Rd. @ Irvine Bl.
Existing Base-ITAM TC V1.8 TUSTIN

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	134	0.04*	328	0.10
NBT	3	5100	479	0.09	1147	0.22*
NBR	1	1700	124	0.07	360	0.21
SBL	2	3400	295	0.09	130	0.04*
SBT	3	5100	1428	0.28*	663	0.13
SBR	F		171		98	
EBL	2	3400	194	0.06	301	0.09*
EBT	3	5100	624	0.12*	654	0.13
EBR	1	1700	171	0.10	172	0.10
WBL	2	3400	333	0.10*	305	0.09
WBT	3	5100	727	0.14	1224	0.24*
WBR	D	1700	185	0.11	295	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.64

126 - Jamboree Rd. @ Bryan Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	62	0.02*	273	0.08
NBT	4	6800	654	0.10	1855	0.27*
NBR	1	1700	138	0.08	333	0.20
SBL	2	3400	234	0.07	140	0.04*
SBT	4	6800	1522	0.22*	883	0.13
SBR	D	1700	94	0.06	194	0.11
EBL	2	3400	63	0.02	206	0.06*
EBT	2	3400	298	0.09*	382	0.11
EBR	D	1700	133	0.08	155	0.09
WBL	2	3400	302	0.09*	310	0.09
WBT	2	3400	380	0.11	529	0.16*
WBR	1	1700	137	0.08	187	0.11
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.47		0.58

127 - Jamboree Rd. @ El Camino Real
Existing Base-ITAM TC V1.8 TUSTIN

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	233	0.07*	619	0.18
NBT	4	6800	779	0.11	2056	0.30*
NBR	1	1700	478	0.28	261	0.15
SBL	1	1700	240	0.14	169	0.10*
SBT	4	6800	1772	0.26*	921	0.14
SBR	1	1700	109	0.06	242	0.14
EBL	1	1700	73	0.04	263	0.15*
EBT	1	1700	180	0.11*	173	0.10
EBR	2	3400	225	0.07	412	0.12
WBL	2	3400	303	0.09*	397	0.12
WBT	2	3400	136	0.07	220	0.12*
WBR	0		103		204	
Adjustment			NBR	0.02		
Overlaps		E		Clearance		0.05
Total ICU				0.60		0.72

128 - Jamboree Rd. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 TUSTIN

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	4	6800	1085	0.16	2487	0.37*
NBR	F		473		313	
SBL	0		0		0	*
SBT	4	6800	2200	0.32*	1404	0.21
SBR	F		774		359	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	882	0.26*	424	0.25*
WBT	0		0		0	
WBR	1.5	1700	390	0.23	900	0.26
Adjustment					WBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.63		0.68

129 - Jamboree Rd. @ I-5 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	4	6800	1025	0.15	2265	0.33*
NBR	F		341		1152	
SBL	0		0		0	*
SBT	4	6800	2453	0.36*	1282	0.19
SBR	F		629		478	
EBL	2	3400	511	0.15*	534	0.16*
EBT	0		0		0	
EBR	2	3400	782	0.23	501	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps				Clearance		0.05
Total ICU				0.64		0.54

131 - Jamboree Rd. SB @ Walnut Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	267	0.08	276	0.08
SBT	2	3400	658	0.19*	412	0.12*
SBR	1	1700	364	0.21	146	0.09
EBL	0		0		0	
EBT	3	5100	246	0.05*	539	0.11*
EBR	1	1700	167	0.10	337	0.20
WBL	2	3400	237	0.07*	247	0.07*
WBT	3	5100	416	0.08	602	0.12
WBR	0		0		0	
Adjustment			EBR	0.05	EBR	0.09
Overlaps				Clearance		0.05
Total ICU				0.41		0.44

132 - Jamboree Rd. NB @ Walnut Av.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	181	0.05	167	0.05
NBT	2	3400	313	0.09*	445	0.13*
NBR	D	1700	125	0.07	374	0.22
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	85	0.03*	263	0.08*
EBT	3	5100	429	0.08	552	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	474	0.09*	650	0.13*
WBR	1	1700	252	0.15	297	0.17
Adjustment			WBR	0.06	Multi	0.05
Overlaps					Clearance	0.05
Total ICU				0.32		0.44

133 - Jamboree Rd. @ Edinger Av.
Existing Base-ITAM TC V1.8 TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	72	0.02	180	0.05
NBT	0		0	*	0	*
NBR	1	1700	52	0.03	217	0.13
SBL	2	3400	228	0.07*	315	0.09*
SBT	0		0		0	
SBR	F		410		217	
EBL	2	3400	193	0.06	355	0.10*
EBT	3	5100	568	0.13*	742	0.17
EBR	0		85		117	
WBL	2	3400	177	0.05*	147	0.04
WBT	3	5100	543	0.11	994	0.19*
WBR	1	1700	246	0.14	241	0.14
Adjustment					NBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.30		0.47

135 - Jamboree Rd. NB @ Warner Av.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	5	*
NBT	1	1700	0	0.00	1	0.00
NBR	0		1		1	
SBL	0		4		15	
SBT	1	1700	0	0.00*	1	0.01*
SBR	1	1700	20	0.01	87	0.05
EBL	1	1700	176	0.10*	510	0.30*
EBT	2	3400	518	0.15	704	0.21
EBR	D	1700	6	0.00	7	0.00
WBL	1	1700	4	0.00	5	0.00
WBT	2	3400	360	0.11*	665	0.20*
WBR	D	1700	255	0.15	235	0.14
Adjustment			WBR	0.04		
Overlaps					Clearance	0.05
Total ICU				0.30		0.56

136 - Jamboree Rd. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	138	0.04*	367	0.11
NBT	4	6800	488	0.07	2279	0.34*
NBR	F		57		44	
SBL	2	3400	399	0.12	150	0.04*
SBT	4	6800	2322	0.34*	769	0.11
SBR	F		1242		346	
EBL	2.5	3400	154	0.05	498	0.14*
EBT	2.5	5100	390	0.08*	709	0.14
EBR	1	1700	126	0.07	245	0.14
WBL	2	3400	155	0.05	123	0.04
WBT	3	5100	344	0.07*	567	0.11*
WBR	F		124		405	
Adjustment						
Overlaps					Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.58		0.68

157 - SR-261 SB Ramps @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	54	0.03*	57	0.03*
SBT	0		0		0	
SBR	2	3400	42	0.01	33	0.01
EBL	0		0		0	*
EBT	3	5100	1035	0.20*	661	0.13
EBR	1	1700	160	0.09	47	0.03
WBL	2	3400	211	0.06*	63	0.02
WBT	3	5100	790	0.15	1321	0.26*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.34

158 - SR-261 NB Ramps @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	29	0.02*	103	0.06*
NBT	0		0		0	
NBR	0.5	1700	40	0.02	184	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	34	0.01	35	0.01*
EBT	3	5100	1061	0.21*	738	0.14
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	962	0.19	1194	0.23*
WBR	1	1700	107	0.06	48	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.28		0.35

159 - SR-261 SB Ramps @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	58	0.02*	42	0.01*
SBT	0		0		0	
SBR	1	1700	166	0.10	46	0.03
EBL	0		0		0	*
EBT	3	5100	788	0.15*	1128	0.22
EBR	D	1700	90	0.05	27	0.02
WBL	2	3400	286	0.08*	124	0.04
WBT	3	5100	1098	0.22	1712	0.34*
WBR	0		0		0	
Adjustment			SBR	0.07	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.37		0.42

160 - SR-261 NB Ramps @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	9	0.01*	157	0.09*
NBT	0		0		0	
NBR	1.5	3400	43	0.01	301	0.09
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	36	0.02*	78	0.05*
EBT	3	5100	846	0.17	1110	0.22
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1372	0.27*	1686	0.33*
WBR	1	1700	51	0.03	59	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.35		0.52

218 - Culver Dr. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	182	0.05*	332	0.10*
NBT	2	3400	435	0.13	443	0.13
NBR	1	1700	296	0.17	158	0.09
SBL	2	3400	103	0.03	89	0.03
SBT	2	3400	883	0.26*	320	0.09*
SBR	1	1700	368	0.22	166	0.10
EBL	2	3400	281	0.08	214	0.06*
EBT	3	5100	483	0.09*	397	0.08
EBR	1	1700	284	0.17	161	0.09
WBL	2	3400	331	0.10*	133	0.04
WBT	3	5100	450	0.09	790	0.15*
WBR	1	1700	32	0.02	54	0.03
Adjustment			EBR	0.03		
Overlaps		N S E			Clearance	0.05
Total ICU				0.58		0.45

220 - Culver Dr. @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	181	0.05*	384	0.11
NBT	3	5100	747	0.15	1132	0.22*
NBR	1	1700	156	0.09	491	0.29
SBL	2	3400	166	0.05	206	0.06*
SBT	3	5100	1440	0.28*	658	0.13
SBR	D	1700	149	0.09	127	0.07
EBL	2	3400	85	0.03	190	0.06*
EBT	3	5100	457	0.09*	650	0.13
EBR	D	1700	262	0.15	150	0.09
WBL	2	3400	587	0.17*	335	0.10
WBT	3	5100	753	0.15	1035	0.20*
WBR	D	1700	97	0.06	138	0.08
Adjustment			EBR	0.02		
Overlaps		N			Clearance	0.05
Total ICU				0.66		0.59

221 - Culver Dr. @ Bryan Av.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	123	0.04*	350	0.10
NBT	3	5100	757	0.15	1588	0.31*
NBR	1	1700	199	0.12	295	0.17
SBL	2	3400	90	0.03	71	0.02*
SBT	3	5100	1799	0.35*	954	0.19
SBR	D	1700	198	0.12	129	0.08
EBL	2	3400	104	0.03*	177	0.05*
EBT	2	3400	163	0.05	388	0.11
EBR	1	1700	386	0.23	367	0.22
WBL	2	3400	390	0.11	196	0.06
WBT	2	3400	288	0.14*	357	0.13*
WBR	0		175		78	
Adjustment			EBR	0.13		
Overlaps		N E			Clearance	0.05
Total ICU				0.74		0.56

222 - Culver Dr. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	854	0.17	2132	0.42*
NBR	F		605		881	
SBL	1	1700	89	0.05	92	0.05*
SBT	3	5100	2175	0.43*	1197	0.23
SBR	F		685		269	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	613	0.18*	518	0.15*
WBT	0		0		0	
WBR	2	3400	235	0.07	464	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.66		0.67

223 - Culver Dr. @ I-5 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	4	6800	925	0.14	1931	0.28*
NBR	F		266		428	
SBL	0		0		0	*
SBT	3	5100	2070	0.41*	1356	0.27
SBR	F		656		320	
EBL	3	5100	537	0.11*	975	0.19*
EBT	0		0		0	
EBR	2	3400	642	0.19	709	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08	EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.65		0.53

224 - Culver Dr. @ Walnut Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	104	0.03*	185	0.05
NBT	3	5100	721	0.14	1566	0.31*
NBR	1	1700	304	0.18	393	0.23
SBL	2	3400	154	0.05	313	0.09*
SBT	3	5100	1894	0.37*	1215	0.24
SBR	1	1700	351	0.21	310	0.18
EBL	2	3400	178	0.05	356	0.10*
EBT	2	3400	341	0.10*	312	0.09
EBR	1	1700	125	0.07	80	0.05
WBL	2	3400	400	0.12*	315	0.09
WBT	2	3400	438	0.13	415	0.12*
WBR	1	1700	246	0.14	192	0.11
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.67		0.67

226 - Culver Dr. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	221	0.07*	291	0.09
NBT	4	6800	702	0.10	1625	0.24*
NBR	F		201		410	
SBL	2	3400	180	0.05	236	0.07*
SBT	4	6800	1966	0.29*	1242	0.18
SBR	1	1700	184	0.11	132	0.08
EBL	2	3400	168	0.05	237	0.07*
EBT	3	5100	568	0.11*	628	0.12
EBR	F		326		334	
WBL	2	3400	434	0.13*	348	0.10
WBT	3	5100	817	0.16	1194	0.23*
WBR	F		116		165	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.66

227 - Culver Dr. @ Warner Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	60	0.04*	78	0.05
NBT	3	5100	856	0.17	2030	0.40*
NBR	1	1700	69	0.04	118	0.07
SBL	1	1700	67	0.04	110	0.06*
SBT	3	5100	2647	0.52*	1697	0.33
SBR	D	1700	140	0.08	185	0.11
EBL	1	1700	173	0.10*	168	0.10*
EBT	2	3400	124	0.04	109	0.03
EBR	D	1700	88	0.05	127	0.07
WBL	1	1700	166	0.10	98	0.06
WBT	2	3400	174	0.05*	135	0.04*
WBR	D	1700	123	0.07	124	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.76		0.65

228 - Culver Dr. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	82	0.02*	131	0.04
NBT	3	5100	735	0.14	1676	0.33*
NBR	1	1700	311	0.18	251	0.15
SBL	2	3400	362	0.11	193	0.06*
SBT	3	5100	2162	0.42*	1433	0.28
SBR	F		305		219	
EBL	2	3400	111	0.03	430	0.13*
EBT	2	3400	350	0.10*	552	0.16
EBR	1	1700	130	0.08	207	0.12
WBL	2	3400	267	0.08*	236	0.07
WBT	2	3400	488	0.14	574	0.17*
WBR	D	1700	154	0.09	248	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.74

229 - Culver Dr. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	97	0.03*	145	0.04
NBT	3	5100	957	0.19	1900	0.37*
NBR	1	1700	178	0.10	229	0.13
SBL	2	3400	169	0.05	261	0.08*
SBT	3	5100	1883	0.37*	1288	0.25
SBR	F		343		280	
EBL	2	3400	131	0.04*	204	0.06
EBT	2	3400	299	0.09	568	0.17*
EBR	1	1700	117	0.07	189	0.11
WBL	2	3400	246	0.07	231	0.07*
WBT	2	3400	465	0.14*	472	0.14
WBR	1	1700	175	0.10	213	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.74

232 - Culver Dr. @ I-405 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	1351	0.26	2460	0.48*
NBR	F		618		364	
SBL	0		0		0	*
SBT	3	5100	1684	0.33*	1179	0.23
SBR	F		1273		651	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	509	0.15*	292	0.09*
WBT	0		0		0	
WBR	1	1700	138	0.08	254	0.15
Adjustment					WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.53		0.68

233 - Culver Dr. @ I-405 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	1337	0.26	1680	0.33*
NBR	F		294		479	
SBL	0		0		0	*
SBT	3	5100	1878	0.37*	1379	0.27
SBR	F		378		177	
EBL	1.5	2550	621	0.23*	1163	0.34*
EBT	0		0		0	
EBR	1.5	2550	540	0.23	588	0.34
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.72

235 - Culver Dr. @ University Dr.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	51	0.02*	39	0.01*
NBT	4	6800	1090	0.16	1194	0.18
NBR	2	3400	742	0.22	809	0.24
SBL	2	3400	24	0.01	60	0.02
SBT	3	5100	1313	0.26*	996	0.20*
SBR	D	1700	309	0.18	150	0.09
EBL	2	3400	65	0.02	265	0.08
EBT	3	5100	442	0.09*	1126	0.22*
EBR	D	1700	53	0.03	46	0.03
WBL	2	3400	716	0.21*	568	0.17*
WBT	3	5100	1111	0.23	551	0.12
WBR	0		56		39	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.63		0.65

243 - Yale Av. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	74	0.04	42	0.02
NBT	2	1700	195	0.11*	49	0.03*
NBR	0	1700	224	0.13	118	0.07
SBL	1	1700	185	0.11*	82	0.05*
SBT	1	1700	120	0.07	73	0.04
SBR	D	1700	182	0.11	93	0.05
EBL	1	1700	252	0.15	63	0.04*
EBT	3	5100	549	0.11*	508	0.10
EBR	D	1700	84	0.05	65	0.04
WBL	1	1700	272	0.16*	119	0.07
WBT	3	5100	522	0.10	924	0.18*
WBR	D	1700	178	0.10	47	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.35

249 - Yale Av. @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	70	0.04	158	0.09
NBT	2	3400	238	0.07*	204	0.06*
NBR	D	1700	145	0.09	110	0.06
SBL	1	1700	297	0.17*	166	0.10*
SBT	2	3400	312	0.09	145	0.04
SBR	D	1700	268	0.16	122	0.07
EBL	1	1700	110	0.06*	191	0.11*
EBT	3	5100	518	0.12	1017	0.22
EBR	0		85		106	
WBL	1	1700	228	0.13	83	0.05
WBT	3	5100	1057	0.25*	1305	0.30*
WBR	0		197		232	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.62

252 - Yale Av. @ Bryan Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	84	0.05*	126	0.07*
NBT	2	3400	218	0.06	322	0.09
NBR	D	1700	19	0.01	34	0.02
SBL	1	1700	13	0.01	21	0.01
SBT	2	3400	276	0.08*	260	0.08*
SBR	D	1700	64	0.04	53	0.03
EBL	1	1700	43	0.03*	97	0.06*
EBT	2	3400	213	0.06	356	0.10
EBR	D	1700	95	0.06	94	0.06
WBL	1	1700	31	0.02	34	0.02
WBT	2	3400	333	0.10*	270	0.08*
WBR	D	1700	14	0.01	13	0.01
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.31		0.34

255 - Yale Av. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	183	0.11*	72	0.04
NBT	2	3400	280	0.08	452	0.13*
NBR	D	1700	99	0.06	198	0.12
SBL	1	1700	75	0.04	84	0.05*
SBT	2	3400	384	0.11*	362	0.11
SBR	D	1700	139	0.08	60	0.04
EBL	1	1700	43	0.03*	76	0.04
EBT	2	3400	178	0.05	326	0.10*
EBR	D	1700	60	0.04	95	0.06
WBL	1	1700	162	0.10	110	0.06*
WBT	2	3400	430	0.13*	221	0.07
WBR	D	1700	62	0.04	73	0.04
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.43		0.39

259 - Yale Av. @ Walnut Av.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	189	0.06*	135	0.04
NBT	2	3400	359	0.13	500	0.17*
NBR	0		99		92	
SBL	1	1700	79	0.05	99	0.06*
SBT	2	3400	470	0.14*	303	0.09
SBR	1	1700	277	0.16	305	0.18
EBL	1	1700	177	0.10*	418	0.25*
EBT	2	3400	237	0.07	292	0.09
EBR	D	1700	143	0.08	136	0.08
WBL	1	1700	75	0.04	47	0.03
WBT	2	3400	316	0.09*	384	0.11*
WBR	D	1700	73	0.04	145	0.09
Adjustment					Clearance	0.05
Overlaps	S					
Total ICU				0.44		0.64

261 - Yale Av. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	134	0.08	75	0.04
NBT	2	3400	144	0.04*	203	0.06*
NBR	D	1700	155	0.09	108	0.06
SBL	1	1700	205	0.12*	91	0.05*
SBT	2	3400	239	0.07	158	0.05
SBR	D	1700	400	0.24	141	0.08
EBL	2	3400	178	0.05	282	0.08*
EBT	3	5100	663	0.15*	805	0.19
EBR	0		124		142	
WBL	1	1700	98	0.06*	129	0.08
WBT	3	5100	740	0.15	1336	0.26*
WBR	1	1700	129	0.08	214	0.13
Adjustment			SBR	0.11		
Overlaps					Clearance	0.05
Total ICU				0.53		0.50

264 - W. Yale Lp. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	84	0.05	81	0.05
NBT	2	3400	103	0.03*	130	0.04*
NBR	D	1700	96	0.06	54	0.03
SBL	1	1700	167	0.10*	92	0.05*
SBT	2	3400	148	0.04	82	0.02
SBR	D	1700	126	0.07	62	0.04
EBL	2	3400	65	0.02	116	0.03*
EBT	2	3400	795	0.23*	820	0.24
EBR	D	1700	67	0.04	49	0.03
WBL	1	1700	76	0.04*	54	0.03
WBT	2	3400	675	0.22	884	0.29*
WBR	0		60		116	
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.45		0.46

267 - E. Yale Lp. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	53	0.03
NBT	2	3400	149	0.04*	212	0.06*
NBR	D	1700	148	0.09	197	0.12
SBL	1	1700	303	0.18*	118	0.07*
SBT	2	3400	318	0.09	158	0.05
SBR	D	1700	164	0.10	77	0.05
EBL	1	1700	76	0.04*	159	0.09
EBT	2	3400	446	0.13	755	0.22*
EBR	D	1700	63	0.04	89	0.05
WBL	1	1700	215	0.13	117	0.07*
WBT	2	3400	808	0.24*	666	0.20
WBR	D	1700	241	0.14	236	0.14
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.55		0.48

268 - W. Yale Loop @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	118	0.07*	71	0.04*
NBT	2	3400	145	0.04	104	0.03
NBR	D	1700	149	0.09	113	0.07
SBL	1	1700	49	0.03	47	0.03
SBT	2	3400	88	0.03*	93	0.03*
SBR	D	1700	99	0.06	96	0.06
EBL	1	1700	99	0.06*	61	0.04
EBT	2	3400	480	0.14	837	0.25*
EBR	D	1700	64	0.04	149	0.09
WBL	1	1700	141	0.08	129	0.08*
WBT	2	3400	678	0.20*	736	0.22
WBR	D	1700	81	0.05	59	0.03
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.41		0.45

271 - E. Yale Lp. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	162	0.10*	80	0.05*
NBT	2	3400	246	0.07	132	0.04
NBR	D	1700	462	0.27	212	0.12
SBL	2	3400	164	0.05	166	0.05
SBT	2	3400	129	0.04*	144	0.04*
SBR	D	1700	122	0.07	77	0.05
EBL	1	1700	92	0.05*	143	0.08
EBT	2	3400	445	0.17	700	0.24*
EBR	0		122		121	
WBL	2	3400	285	0.08	370	0.11*
WBT	2	3400	680	0.20*	641	0.19
WBR	D	1700	140	0.08	95	0.06
Adjustment			NBR	0.12		
Overlaps				Clearance		0.05
Total ICU				0.56		0.49

282 - Jeffrey Rd. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	538	0.16*	460	0.14*
NBT	2	3400	11	0.00	7	0.00
NBR	1	1700	87	0.05	132	0.08
SBL	2	3400	6	0.00	1	0.00
SBT	3	3400	7	0.00*	10	0.00*
SBR	0	1700	16	0.01	44	0.03
EBL	2	3400	20	0.01	6	0.00*
EBT	3	5100	603	0.12*	476	0.09
EBR	1	1700	513	0.30	291	0.17
WBL	2	3400	224	0.07*	125	0.04
WBT	3	5100	569	0.11	688	0.13*
WBR	D	1700	15	0.01	3	0.00
Adjustment			EBR	0.02	SBR	0.03
Overlaps		E		Clearance		0.05
Total ICU				0.42		0.35

283 - Jeffrey Rd. @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	140	0.04*	351	0.10*
NBT	3	5100	435	0.09	727	0.14
NBR	F		277		550	
SBL	2	3400	188	0.06	101	0.03
SBT	3	5100	826	0.16*	416	0.08*
SBR	1	1700	161	0.09	133	0.08
EBL	2	3400	105	0.03	126	0.04*
EBT	3	5100	591	0.12*	802	0.16
EBR	D	1700	188	0.11	183	0.11
WBL	2	3400	523	0.15*	276	0.08
WBT	3	5100	989	0.19	1156	0.23*
WBR	D	1700	97	0.06	113	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.50

284 - Jeffrey Rd. @ Bryan Av.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	151	0.04*	270	0.08
NBT	3	5100	638	0.13	1479	0.29*
NBR	D	1700	154	0.09	294	0.17
SBL	2	3400	42	0.01	39	0.01*
SBT	3	5100	1312	0.26*	759	0.15
SBR	1	1700	158	0.09	87	0.05
EBL	1	1700	171	0.10*	94	0.06*
EBT	2	3400	50	0.01	152	0.04
EBR	D	1700	202	0.12	134	0.08
WBL	2	3400	357	0.11	123	0.04
WBT	1	1700	117	0.07*	113	0.07*
WBR	D	1700	60	0.04	50	0.03
Adjustment			EBR	0.03		
Overlaps				Clearance		0.05
Total ICU				0.55		0.48

285 - Jeffrey Rd. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	70	0.02*	90	0.03
NBT	3	5100	721	0.14	1768	0.35*
NBR	1	1700	166	0.10	378	0.22
SBL	2	3400	168	0.05	89	0.03*
SBT	3	5100	1550	0.30*	795	0.16
SBR	1	1700	246	0.14	99	0.06
EBL	2	3400	149	0.04*	293	0.09
EBT	2	3400	170	0.05	310	0.09*
EBR	1	1700	104	0.06	99	0.06
WBL	2	3400	290	0.09	239	0.07*
WBT	2	3400	363	0.11*	234	0.07
WBR	1	1700	97	0.06	106	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.59

286 - Jeffrey Rd. @ Roosevelt
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	161	0.05*	428	0.13
NBT	4	6800	552	0.08	2030	0.30*
NBR	1	1700	193	0.11	469	0.28
SBL	1	1700	34	0.02	52	0.03*
SBT	3	5100	1906	0.37*	960	0.19
SBR	D	1700	90	0.05	216	0.13
EBL	1	1700	60	0.04	234	0.14*
EBT	1	1700	98	0.06*	130	0.08
EBR	1	1700	322	0.19	323	0.19
WBL	2	3400	476	0.14*	216	0.06
WBT	1	1700	188	0.11	135	0.08*
WBR	1	1700	197	0.12	84	0.05
Adjustment			EBR	0.08		
Overlaps		E		Clearance		0.05
Total ICU				0.75		0.60

287 - Jeffrey Rd. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	774	0.15	2152	0.42*
NBR	F		271		252	
SBL	0		0		0	*
SBT	3	5100	2059	0.40*	1251	0.25
SBR	F		516		207	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	802	0.24*	606	0.26*
WBT	0		0		0	
WBR	1.5	1700	356	0.21	717	0.26
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.73

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	73	0.02*	196	0.06
NBT	3	5100	768	0.15	1601	0.31*
NBR	1	1700	128	0.08	264	0.16
SBL	2	3400	442	0.13	255	0.08*
SBT	3	5100	2048	0.48*	1181	0.33
SBR	0		378		481	
EBL	2	3400	99	0.03	292	0.09
EBT	1	1700	257	0.15*	270	0.16*
EBR	D	1700	159	0.09	121	0.07
WBL	2	3400	286	0.08*	313	0.09*
WBT	1	1700	47	0.03	102	0.06
WBR	1	1700	174	0.10	435	0.26
Adjustment					WBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.78		0.73

289 - Jeffrey Rd. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	115	0.03*	213	0.06
NBT	3	5100	686	0.13	1407	0.28*
NBR	1	1700	160	0.09	167	0.10
SBL	2	3400	398	0.12	249	0.07*
SBT	3	5100	1637	0.32*	974	0.19
SBR	1	1700	520	0.31	338	0.20
EBL	2	3400	185	0.05	379	0.11*
EBT	3	5100	666	0.13*	478	0.09
EBR	F		167		150	
WBL	2	3400	108	0.03*	163	0.05
WBT	3	5100	362	0.07	1128	0.22*
WBR	1	1700	159	0.09	403	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.73

290 - Jeffrey Rd. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	199	0.06*	170	0.05*
NBT	3	5100	760	0.17	1208	0.25
NBR	0		120		75	
SBL	2	3400	58	0.02	67	0.02
SBT	3	5100	1427	0.36*	1005	0.25*
SBR	0		426		251	
EBL	2	3400	255	0.08*	422	0.12*
EBT	2	3400	447	0.13	478	0.14
EBR	D	1700	212	0.12	183	0.11
WBL	2	3400	158	0.05	186	0.05
WBT	2	3400	641	0.19*	577	0.17*
WBR	1	1700	49	0.03	69	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.64

291 - Jeffrey Rd. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	360	0.11*	421	0.12*
NBT	3	5100	730	0.14	1118	0.22
NBR	F		204		289	
SBL	2	3400	188	0.06	281	0.08
SBT	3	5100	1529	0.32*	1008	0.22*
SBR	0		93		139	
EBL	2	3400	148	0.04	204	0.06
EBT	2	3400	445	0.13*	564	0.17*
EBR	D	1700	521	0.31	374	0.22
WBL	2	3400	383	0.11*	358	0.11*
WBT	2	3400	678	0.20	649	0.19
WBR	D	1700	133	0.08	113	0.07
Adjustment			EBR	0.10		
Overlaps				Clearance		0.05
Total ICU				0.82		0.67

293 - Jeffrey Rd. @ I-405 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	1148	0.23	1580	0.31*
NBR	F		195		93	
SBL	0		0		0	*
SBT	3	5100	1340	0.26*	1115	0.22
SBR	F		1113		641	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1223	0.36*	883	0.26*
WBT	0		0		0	
WBR	1	1700	126	0.07	215	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.62

294 - University Dr. @ I-405 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	*
NBT	3	5100	860	0.17	1145	0.22
NBR	F		1146		1507	
SBL	0		0		0	
SBT	3	5100	2332	0.46*	1762	0.35*
SBR	F		266		264	
EBL	2	3400	482	0.14*	533	0.16*
EBT	0		0		0	
EBR	1	1700	122	0.07	64	0.04
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.56

300 - Sand Canyon Av. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	221	0.07*	447	0.13*
NBT	0		0		0	
NBR	2	3400	195	0.06	357	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	345	0.10*	468	0.14*
EBR	F		416		235	
WBL	2	3400	374	0.11*	166	0.05*
WBT	2	3400	567	0.17	549	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.37

301 - Sand Canyon Av. @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	95	0.03*	220	0.06*
NBT	3	5100	203	0.04	524	0.10
NBR	2	3400	354	0.10	435	0.13
SBL	2	3400	325	0.10	181	0.05
SBT	2	3400	667	0.20*	321	0.09*
SBR	1	1700	123	0.07	89	0.05
EBL	2	3400	76	0.02	158	0.05*
EBT	4	6800	864	0.13*	981	0.14
EBR	1	1700	158	0.09	126	0.07
WBL	2	3400	511	0.15*	354	0.10
WBT	3	5100	1015	0.20	1358	0.27*
WBR	1	1700	139	0.08	248	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.52

302 - Sand Canyon Av. @ Trabuco Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	50	0.01*	137	0.04
NBT	3	5100	476	0.09	1187	0.23*
NBR	F		255		511	
SBL	2	3400	73	0.02	133	0.04*
SBT	3	5100	1270	0.25*	603	0.12
SBR	1	1700	248	0.15	114	0.07
EBL	2	3400	127	0.04	117	0.03
EBT	3	5100	236	0.05*	362	0.07*
EBR	F		155		63	
WBL	2	3400	513	0.15*	290	0.09*
WBT	3	5100	496	0.10	380	0.07
WBR	D	1700	86	0.05	126	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.48

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	260	0.08*	601	0.18*
NBT	3	5100	494	0.10	1416	0.28
NBR	D	1700	0		0	
SBL	1	1700	0		1	0.00
SBT	3	5100	1878	0.37*	1041	0.20*
SBR	1	1700	518	0.30	215	0.13
EBL	1.5	3400	317	0.09*	705	0.21
EBT	0.5	0	0		1	0.21*
EBR	2	3400	464	0.14	325	0.10
WBL	1	1700	5	0.00*	6	0.00*
WBT	1	1700	0		2	0.00
WBR	0		0		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.64

304 - Sand Canyon Av. @ Old Marine Wy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	1975	
NBT	3	5100	632	0.12	0	0.39*
NBR	1	1700	193	0.11	567	0.33
SBL	2	3400	114	0.03	291	0.09*
SBT	3	5100	2208	0.43*	1045	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	448	0.13*	327	0.10*
WBT	0		0		0	
WBR	1	1700	142	0.08	133	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.63

305 - Sand Canyon Av. @ I-5 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	515	0.08	1629	0.24*
NBR	1	1700	74	0.04	266	0.16
SBL	2	3400	659	0.19	485	0.14*
SBT	4	6800	2001	0.29*	900	0.13
SBR	0		0		0	
EBL	2.5	3400	287	0.08*	851	0.17*
EBT	0		1		0	
EBR	1.5	3400	708	0.21	255	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.13		
Overlaps					Clearance	0.05
Total ICU				0.55		0.60

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	51	0.03*	39	0.02
NBT	3	5100	450	0.09	1053	0.21*
NBR	1	1700	156	0.09	36	0.02
SBL	2	3400	568	0.17	157	0.05*
SBT	3	5100	1703	0.33*	912	0.18
SBR	D	1700	315	0.19	76	0.04
EBL	2	3400	59	0.02*	229	0.07*
EBT	1	1700	19	0.01	71	0.04
EBR	D	1700	13	0.01	65	0.04
WBL	2	3400	34	0.01	142	0.04
WBT	1	1700	62	0.04*	41	0.02*
WBR	F		85		546	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.40

307 - Sand Canyon Av. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	160	0.05*	215	0.06*
NBT	3	5100	546	0.11	753	0.15
NBR	1	1700	86	0.05	52	0.03
SBL	2	3400	195	0.06	156	0.05
SBT	3	5100	1239	0.24*	783	0.15*
SBR	1	1700	213	0.13	297	0.17
EBL	2	3400	141	0.04*	158	0.05*
EBT	3	5100	398	0.08	348	0.07
EBR	1	1700	74	0.04	82	0.05
WBL	2	3400	41	0.01	87	0.03
WBT	3	5100	287	0.06*	929	0.18*
WBR	1	1700	70	0.04	153	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.49

309 - Sand Canyon Av. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	79	0.02*	153	0.05*
NBT	3	5100	872	0.17	784	0.15
NBR	D	1700	111	0.07	115	0.07
SBL	2	3400	36	0.01	26	0.01
SBT	3	5100	1062	0.21*	875	0.17*
SBR	D	1700	198	0.12	235	0.14
EBL	2	3400	100	0.03*	99	0.03*
EBT	2	3400	281	0.08	293	0.09
EBR	1	1700	84	0.05	103	0.06
WBL	2	3400	96	0.03	110	0.03
WBT	2	3400	399	0.12*	491	0.14*
WBR	1	1700	55	0.03	28	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.44

310 - Sand Canyon Av. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	226	0.07*	288	0.08*
NBT	3	5100	937	0.18	576	0.11
NBR	1	1700	487	0.29	140	0.08
SBL	2	3400	121	0.04	54	0.02
SBT	3	5100	886	0.17*	1005	0.20*
SBR	1	1700	108	0.06	178	0.10
EBL	2	3400	99	0.03*	112	0.03*
EBT	3	5100	395	0.08	308	0.06
EBR	1	1700	239	0.14	249	0.15
WBL	2	3400	228	0.07	481	0.14
WBT	2	3400	506	0.15*	598	0.18*
WBR	1	1700	94	0.06	189	0.11
Adjustment			NBR	0.01	EBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.48		0.56

311 - Sand Canyon Av. @ I-405 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1382	0.41*	703	0.21*
NBR	F		653		319	
SBL	0		0	*	0	*
SBT	2	3400	426	0.13	679	0.20
SBR	F		935		1055	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	67	0.04*	102	0.06*
WBT	0		0		0	
WBR	1.5	2550	278	0.10	313	0.12
Adjustment			WBR	0.06	WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.56		0.38

312 - Sand Canyon Av. @ I-405 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	164	0.10	191	0.11*
NBT	2	3400	865	0.25*	653	0.19
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	273	0.08	418	0.12*
SBR	F		211		354	
EBL	1.5	2550	1132	0.43*	375	0.22*
EBT	0		0		0	
EBR	0.5	850	327	0.43	373	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.50

313 - Laguna Canyon Rd. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	21	0.01	79	0.02
NBT	2	3400	51	0.02*	89	0.03*
NBR	D	1700	25	0.01	70	0.04
SBL	2	3400	51	0.02*	77	0.02*
SBT	2	3400	74	0.02	54	0.02
SBR	D	1700	22	0.01	43	0.03
EBL	2	3400	58	0.02	48	0.01*
EBT	3	5100	464	0.09*	509	0.10
EBR	D	1700	33	0.02	11	0.01
WBL	2	3400	86	0.03*	29	0.01
WBT	3	5100	415	0.08	898	0.18*
WBR	D	1700	72	0.04	69	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.21		0.29

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	46	0.01*	77	0.02*
NBT	2	3400	51	0.02	69	0.02
NBR	D	1700	15	0.01	143	0.08
SBL	2	3400	7	0.00	36	0.01
SBT	2	3400	76	0.02*	85	0.03*
SBR	D	1700	18	0.01	95	0.06
EBL	2	3400	53	0.02*	39	0.01*
EBT	2	3400	301	0.09	347	0.10
EBR	1	1700	80	0.05	48	0.03
WBL	2	3400	78	0.02	37	0.01
WBT	2	3400	485	0.14*	465	0.14*
WBR	D	1700	35	0.02	84	0.05
Adjustment						SBR 0.02
Overlaps				Clearance		0.05
Total ICU				0.24		0.27

315 - Laguna Canyon Rd. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	111	0.07*	147	0.09*
NBT	2	3400	104	0.03	120	0.04
NBR	D	1700	67	0.04	84	0.05
SBL	1	1700	11	0.01	45	0.03
SBT	2	3400	88	0.03*	149	0.04*
SBR	D	1700	28	0.02	48	0.03
EBL	2	3400	98	0.03*	22	0.01*
EBT	2	3400	420	0.12	425	0.13
EBR	1	1700	68	0.04	81	0.05
WBL	2	3400	117	0.03	64	0.02
WBT	2	3400	663	0.20*	553	0.16*
WBR	1	1700	34	0.02	25	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.35

316 - SR-133 SB Ramps @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	72	0.04*	107	0.06*
SBT	0		0		0	
SBR	2	3400	203	0.06	180	0.05
EBL	0		0		0	*
EBT	4	6800	1257	0.18*	1460	0.21
EBR	D	1700	287	0.17	113	0.07
WBL	2	3400	491	0.14*	161	0.05
WBT	3	5100	1425	0.28	1772	0.35*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.46

317 - SR-133 NB Ramps @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	117	0.07*	211	0.12*
NBT	0		0		0	
NBR	1	1700	115	0.07	350	0.21
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1233	0.24	1460	0.29
EBR	F		122		182	
WBL	0		0		0	
WBT	3	5100	1733	0.36*	1704	0.35*
WBR	0		128		86	
Adjustment						NBR 0.04
Overlaps				Clearance		0.05
Total ICU				0.48		0.56

318 - Banting @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	21	0.01*	20	0.01*
NBT	1	1700	3	0.00	23	0.01
NBR	1	1700	5	0.00	19	0.01
SBL	2	3400	480	0.14	119	0.04
SBT	2	1700	392	0.23*	115	0.07*
SBR	0	1700	500	0.29	169	0.10
EBL	1	1700	17	0.01*	141	0.08*
EBT	2	3400	238	0.07	584	0.17
EBR	D	1700	20	0.01	15	0.01
WBL	1	1700	9	0.01	6	0.00
WBT	2	3400	450	0.13*	419	0.12*
WBR	F		121		594	
Adjustment			SBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.48		0.33

319 - Banting @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	2	0.00*	12	0.01
NBT	1	1700	3	0.00	26	0.02*
NBR	1	1700	5	0.00	51	0.03
SBL	2	3400	99	0.03	86	0.03*
SBT	1	1700	60	0.04*	6	0.00
SBR	1	1700	269	0.16	33	0.02
EBL	2	3400	10	0.00*	16	0.00
EBT	2	3400	392	0.12	699	0.21*
EBR	D	1700	21	0.01	3	0.00
WBL	1	1700	38	0.02	2	0.00*
WBT	2	3400	718	0.21*	539	0.16
WBR	D	1700	22	0.01	10	0.01
Adjustment			SBR	0.12	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.42		0.32

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	499	0.15	202	0.06
NBT	3	5100	2139	0.42*	2305	0.45*
NBR	D	1700	14	0.01	18	0.01
SBL	1	1700	81	0.05*	125	0.07*
SBT	3	5100	1567	0.31	1930	0.38
SBR	1	1700	575	0.34	314	0.18
EBL	3	5100	207	0.04*	369	0.07*
EBT	1	1700	50	0.03	36	0.02
EBR	F		212		308	
WBL	1	1700	15	0.01	7	0.00
WBT	1	1700	99	0.06*	25	0.01*
WBR	1	1700	161	0.09	81	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.65

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Existing Base-ITAM TC V1.8 LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	726	0.21	1044	0.31
NBR	1	1700	148	0.09	63	0.04
SBL	1	1700	342	0.20	341	0.20
SBT	2	3400	1437	0.42*	1911	0.56*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	133	0.08*	3	0.00*
WBT	0		0		0	
WBR	1.5	2550	1364	0.44	836	0.25
Adjustment			WBR	0.20	WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.75		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Existing Base-ITAM TC V1.8 LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	882	0.28*	671	0.23*
NBR	0		79		106	
SBL	0		0	*	0	*
SBT	2	3400	764	0.22	729	0.21
SBR	F		0		0	
EBL	0.5	1700	0	*	0	*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		94		382	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.28

324 - Portola Pkwy. @ SR-241 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		74		57	
NBT	1	1700	4	0.05*	2	0.03*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1	1700	5	0.00	5	0.00
SBR	0		2		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	2550	208	0.06	189	0.06
WBT	0		2	0.06*	1	0.06*
WBR	0.5	850	3	0.06	2	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.16		0.14

325 - Portola Pkwy. @ SR-241 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	*
NBT	1	1700	79	0.05	45	0.03
NBR	1	1700	238	0.14	202	0.12
SBL	1	1700	2	0.00	3	0.00
SBT	2	3400	183	0.05*	199	0.06*
SBR	0		0		0	
EBL	0.5	850	10	0.01	13	0.01
EBT	0		3	0.02*	2	0.02*
EBR	1.5	2550	49	0.02	42	0.02
WBL	0		0	*	0	*
WBT	0		0		0	
WBR	0		0		0	
Adjustment			NBR	0.09	NBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.21		0.19

326 - Ada @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	31	0.02*	72	0.04*
NBT	2	3400	24	0.01	18	0.01
NBR	D	1700	80	0.05	60	0.04
SBL	2	3400	17	0.01	47	0.01
SBT	1	1700	18	0.01*	26	0.02*
SBR	1	1700	26	0.02	35	0.02
EBL	1	1700	15	0.01*	23	0.01
EBT	2	3400	548	0.16	761	0.22*
EBR	D	1700	77	0.05	26	0.02
WBL	1	1700	28	0.02	50	0.03*
WBT	2	3400	912	0.27*	765	0.23
WBR	1	1700	24	0.01	10	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.36

327 - Barranca Pkwy. @ Technology
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	72	0.02	228	0.07
NBT	2	3400	102	0.03*	91	0.03*
NBR	1	1700	41	0.02	68	0.04
SBL	1	1700	77	0.05*	155	0.09*
SBT	2	3400	46	0.01	107	0.03
SBR	1	1700	22	0.01	157	0.09
EBL	2	3400	164	0.05*	20	0.01*
EBT	2	3400	779	0.23	585	0.17
EBR	D	1700	174	0.10	335	0.20
WBL	2	3400	52	0.02	159	0.05
WBT	2	3400	673	0.20*	863	0.25*
WBR	D	1700	160	0.09	84	0.05
Adjustment					SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.38		0.46

328 - Barranca Pkwy. @ I-5 HOV Ramp
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	0	*	0	*
NBT	2	3400	0		0	
NBR	0		0		0	
SBL	0		174		101	
SBT	3	5100	0	0.03*	0	0.02*
SBR	D	1700	20	0.01	9	0.01
EBL	1	1700	465	0.27*	15	0.01*
EBT	0		938		837	
EBR	1	1700	0		0	
WBL	0		0		0	
WBT	0		723	*	1167	*
WBR	0		45		93	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.08

329 - Barranca Pkwy. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	97	0.03	159	0.05
NBT	2	3400	581	0.17*	581	0.17*
NBR	1	1700	226	0.13	165	0.10
SBL	2	3400	146	0.04*	254	0.07*
SBT	2	3400	286	0.08	518	0.15
SBR	1	1700	29	0.02	153	0.09
EBL	2	3400	66	0.02	16	0.00*
EBT	3	5100	566	0.11*	406	0.08
EBR	1	1700	61	0.04	69	0.04
WBL	2	3400	38	0.01*	100	0.03
WBT	3	5100	434	0.09	781	0.15*
WBR	1	1700	279	0.16	315	0.19
Adjustment			WBR	0.03		
Overlaps				Clearance		0.05
Total ICU				0.41		0.44

330 - Barranca Pkwy. @ Pacifica
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	164	0.10*	198	0.12*
NBT	2	3400	159	0.05	18	0.01
NBR	1	1700	252	0.15	119	0.07
SBL	1	1700	9	0.01	37	0.02
SBT	2	3400	7	0.00*	55	0.02*
SBR	D	1700	35	0.02	214	0.13
EBL	2	3400	132	0.04*	85	0.03*
EBT	2	3400	406	0.18	364	0.21
EBR	0		200		335	
WBL	2	3400	21	0.01	64	0.02
WBT	1	1700	497	0.29*	1001	0.59*
WBR	1	1700	69	0.04	11	0.01
Adjustment					SBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.48		0.90

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	84	0.02	290	0.09*
NBT	2	3400	92	0.03*	118	0.03
NBR	D	1700	15	0.01	21	0.01
SBL	2	3400	90	0.03*	53	0.02
SBT	2	3400	79	0.02	95	0.03*
SBR	D	1700	39	0.02	273	0.16
EBL	1	1700	426	0.25*	145	0.09*
EBT	2	3400	405	0.12	129	0.04
EBR	1	1700	115	0.07	104	0.06
WBL	1	1700	11	0.01	13	0.01
WBT	1	1700	88	0.05*	203	0.12*
WBR	1	1700	71	0.04	92	0.05
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.41		0.44

335 - Alton Pkwy. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	492	0.29*	341	0.20*
NBT	2	3400	137	0.04	166	0.05
NBR	F		120		149	
SBL	1	1700	2	0.00	1	0.00
SBT	2	3400	263	0.08*	126	0.04*
SBR	D	1700	90	0.05	56	0.03
EBL	2	3400	42	0.01	85	0.03
EBT	2	3400	26	0.01*	142	0.04*
EBR	F		299		477	
WBL	2	3400	175	0.05*	91	0.03*
WBT	3	5100	102	0.02	66	0.01
WBR	F		2		3	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.36

336 - Alton Pkwy. @ SR-241 Ramps
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	110	0.06*	163	0.10
NBT	2	3400	370	0.11	742	0.22*
NBR	F		99		186	
SBL	1	1700	43	0.03	61	0.04*
SBT	2	3400	546	0.16*	465	0.14
SBR	F		210		0	
EBL	2	3400	99	0.03	229	0.07*
EBT	0		0	*	0	
EBR	F		292		125	
WBL	2	3400	252	0.07*	65	0.02
WBT	0		0		0	*
WBR	F		71		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.38

338 - Alton Pkwy. @ Irvine Bl.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	86	0.03	32	0.01
NBT	3	5100	356	0.07*	671	0.13*
NBR	F		74		136	
SBL	2	3400	410	0.12*	418	0.12*
SBT	3	5100	565	0.11	536	0.11
SBR	F		494		144	
EBL	2	3400	118	0.03*	434	0.13
EBT	3	5100	323	0.06	938	0.18*
EBR	1	1700	24	0.01	61	0.04
WBL	2	3400	140	0.04	74	0.02*
WBT	3	5100	1028	0.20*	363	0.07
WBR	1	1700	327	0.19	663	0.39
Adjustment					WBR	0.23
Overlaps					Clearance	0.05
Total ICU				0.47		0.73

339 - Alton Pkwy. @ Toledo Wy.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	47	0.03*	18	0.01
NBT	3	5100	486	0.10	1223	0.24*
NBR	F		137		196	
SBL	1	1700	98	0.06	41	0.02*
SBT	3	5100	1465	0.29*	630	0.12
SBR	0		6		1	
EBL	1	1700	1	0.00	6	0.00
EBT	1	1700	19	0.02*	63	0.07*
EBR	0		21		59	
WBL	1	1700	177	0.10*	103	0.06*
WBT	1	1700	84	0.05	27	0.02
WBR	1	1700	122	0.07	90	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.44

340 - Alton Pkwy. @ Jeronimo Rd.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03*	11	0.01
NBT	3	5100	906	0.18	1310	0.26*
NBR	F		178		316	
SBL	1	1700	73	0.04	38	0.02*
SBT	3	5100	1567	0.31*	973	0.19
SBR	0		21		5	
EBL	1	1700	1	0.00	16	0.01
EBT	1	1700	4	0.00*	24	0.01*
EBR	F		10		52	
WBL	2	3400	336	0.10*	208	0.06*
WBT	1	1700	40	0.02	5	0.00
WBR	1	1700	71	0.04	53	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.40

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00	4	0.00
NBT	3	5100	772	0.15*	943	0.18*
NBR	1	1700	198	0.12	282	0.17
SBL	2	3400	181	0.05*	129	0.04*
SBT	3	5100	829	0.16	589	0.12
SBR	F		832		445	
EBL	2	3400	261	0.08*	698	0.21*
EBT	2	3400	146	0.04	363	0.11
EBR	0		2		8	
WBL	2	3400	131	0.04	102	0.03
WBT	2	3400	248	0.10*	165	0.07*
WBR	0		106		85	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.43		0.55

342 - Technology Dr. E. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01*	11	0.01*
NBT	1	1700	3	0.00	2	0.00
NBR	1	1700	66	0.04	146	0.09
SBL	1	1700	2	0.00	24	0.01
SBT	1	1700	1	0.00*	2	0.03*
SBR	0		2		45	
EBL	1	1700	50	0.03	4	0.00
EBT	3	5100	1017	0.20*	928	0.18*
EBR	D	1700	9	0.01	3	0.00
WBL	1	1700	131	0.08*	23	0.01*
WBT	3	5100	812	0.16	936	0.18
WBR	D	1700	22	0.01	3	0.00
Adjustment					NBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.34		0.33

343 - Alton Pkwy. @ Ada
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	12	0.00	13	0.00
NBT	3	5100	783	0.15*	1019	0.20*
NBR	D	1700	10	0.01	11	0.01
SBL	1	1700	267	0.16*	64	0.04*
SBT	3	5100	1053	0.21	884	0.17
SBR	D	1700	32	0.02	9	0.01
EBL	1	1700	8	0.00*	21	0.01*
EBT	1	1700	7	0.00	9	0.01
EBR	1	1700	2	0.00	10	0.01
WBL	1	1700	2	0.00	14	0.01
WBT	1	1700	12	0.03*	7	0.10*
WBR	0		43		165	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.40

344 - Alton Pkwy. @ Technology Dr. W.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	23	0.01	10	0.00
NBT	3	5100	689	0.14*	1055	0.21*
NBR	1	1700	98	0.06	127	0.07
SBL	1	1700	329	0.19*	276	0.16*
SBT	4	6800	1286	0.19	753	0.11
SBR	1	1700	619	0.36	93	0.05
EBL	1	1700	153	0.09*	395	0.23*
EBT	2	3400	38	0.01	54	0.02
EBR	2	3400	10	0.00	13	0.00
WBL	2	3400	78	0.02	220	0.06
WBT	2	3400	47	0.01*	16	0.00*
WBR	D	1700	189	0.11	543	0.32
Adjustment					WBR	0.20
Overlaps		E		Clearance		0.05
Total ICU				0.48		0.85

345 - Alton Pkwy. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		456		132	
NBT	3	5100	0	0.09*	0	0.03*
NBR	F		463		144	
SBL	0		0	*	0	*
SBT	3	5100	0		0	
SBR	F		0		0	
EBL	0		0	*	0	*
EBT	0		1772		968	
EBR	0		151		623	
WBL	1.5	2550	0		0	
WBT	0		644	0.20*	1031	0.39*
WBR	1.5	2550	377	0.20	958	0.39
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.47

346 - Alton Pkwy. @ Enterprise Dr.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		178		106	
NBT	3	5100	0	0.03*	0	0.02*
NBR	1	1700	1157	0.68	690	0.41
SBL	1	1700	0	*	0	*
SBT	3	5100	0		0	
SBR	0		0		0	
EBL	0		0		0	
EBT	0		773	*	903	*
EBR	0		35		144	
WBL	2	3400	116	0.03*	359	0.11*
WBT	0		978		798	
WBR	2	3400	0		0	
Adjustment			NBR	0.63	NBR	0.31
Overlaps		W		Clearance		0.05
Total ICU				0.74		0.49

348 - Alton Pkwy. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	150	0.04	124	0.04*
NBT	3	5100	515	0.10*	605	0.12
NBR	1	1700	498	0.29	319	0.19
SBL	2	3400	64	0.02*	93	0.03
SBT	3	5100	263	0.05	576	0.11*
SBR	1	1700	13	0.01	16	0.01
EBL	2	3400	17	0.01	14	0.00
EBT	3	5100	261	0.05*	302	0.06*
EBR	1	1700	59	0.03	122	0.07
WBL	2	3400	171	0.05*	344	0.10*
WBT	3	5100	419	0.08	373	0.07
WBR	1	1700	95	0.06	72	0.04
Adjustment			NBR	0.15		
Overlaps				Clearance		0.05
Total ICU				0.42		0.36

350 - Alton Pkwy. @ Pacifica
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	195	0.06*	91	0.03*
NBT	3	5100	132	0.03	178	0.03
NBR	D	1700	28	0.02	12	0.01
SBL	2	3400	32	0.01	44	0.01
SBT	2	3400	98	0.03*	169	0.05*
SBR	1	1700	61	0.04	27	0.02
EBL	2	3400	46	0.01*	209	0.06*
EBT	2	3400	267	0.08	479	0.14
EBR	D	1700	147	0.09	230	0.14
WBL	1	1700	8	0.00	35	0.02
WBT	2	3400	692	0.20*	446	0.13*
WBR	D	1700	37	0.02	33	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.32

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	5	0.00	24	0.01
NBT	2	3400	41	0.02*	295	0.11*
NBR	0		11		76	
SBL	2	3400	72	0.02*	300	0.09*
SBT	1	1700	41	0.02	162	0.10
SBR	F		40		45	
EBL	1	1700	11	0.01*	77	0.05
EBT	2	3400	10	0.00	69	0.02*
EBR	1	1700	6	0.00	22	0.01
WBL	1	1700	94	0.06	256	0.15*
WBT	2	3400	374	0.11*	252	0.07
WBR	1	1700	1286	0.76	424	0.25
Adjustment			WBR	0.63	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.84		0.48

356 - Pacifica @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	178	0.05	210	0.06*
NBT	2	3400	1241	0.37*	971	0.29
NBR	D	1700	117	0.07	105	0.06
SBL	2	3400	18	0.01*	45	0.01
SBT	2	3400	496	0.15	1008	0.30*
SBR	1	1700	38	0.02	26	0.02
EBL	2	3400	22	0.01*	49	0.01
EBT	3	5100	14	0.00	53	0.01*
EBR	D	1700	238	0.14	347	0.20
WBL	2	3400	25	0.01	161	0.05*
WBT	3	5100	65	0.01*	46	0.01
WBR	1	1700	6	0.00	37	0.02
Adjustment					EBR	0.14
Overlaps				Clearance		0.05
Total ICU				0.45		0.61

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	188	0.10*	167	0.07*
NBT	0.5	850	140	0.10	85	0.07
NBR	F		82		180	
SBL	1	1700	9	0.01	34	0.02
SBT	1	1700	13	0.01*	101	0.06*
SBR	1	1700	14	0.01	119	0.07
EBL	1	1700	65	0.04	169	0.10
EBT	1	1700	117	0.07*	310	0.18*
EBR	F		363		496	
WBL	1	1700	18	0.01*	158	0.09*
WBT	2	3400	47	0.02	277	0.09
WBR	0		5		22	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.45

358 - ICD @ Entertainment Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1346	0.40*	1059	0.31*
NBR	F		527		926	
SBL	1	1700	13	0.01*	42	0.02*
SBT	3	5100	484	0.09	1034	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	64	0.04*	342	0.20*
WBT	0		0		0	
WBR	F		180		229	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.58

359 - ICD @ I-405 SB Ramps
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	1188	0.23*	1526	0.30
NBR	F		90		90	
SBL	0		0	*	0	
SBT	2	3400	433	0.13	1025	0.30*
SBR	F		0		0	
EBL	2	3400	759	0.22*	442	0.13*
EBT	0		0		0	
EBR	F		897		734	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.48

361 - Bake Pkwy. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03	149	0.09
NBT	1.5	3400	222	0.07*	187	0.08*
NBR	1.5	1700	106	0.06	233	0.08
SBL	1	1700	155	0.09*	149	0.09*
SBT	2	3400	355	0.10	192	0.06
SBR	D	1700	287	0.17	147	0.09
EBL	2	3400	249	0.07*	200	0.06*
EBT	3	5100	401	0.08	625	0.12
EBR	D	1700	66	0.04	81	0.05
WBL	2	3400	269	0.08	291	0.09
WBT	2	3400	539	0.16*	603	0.18*
WBR	D	1700	64	0.04	30	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.46

362 - Bake Pkwy. @ Irvine Bl.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	331	0.19*	353	0.21
NBT	3	5100	1089	0.24	1113	0.31*
NBR	0		149		471	
SBL	1	1700	56	0.03	170	0.10*
SBT	3	5100	784	0.15*	933	0.18
SBR	1	1700	50	0.03	76	0.04
EBL	2	3400	116	0.03	123	0.04
EBT	3	5100	281	0.06*	464	0.09*
EBR	1	1700	320	0.19	355	0.21
WBL	2	3400	475	0.14*	312	0.09*
WBT	3	5100	413	0.08	393	0.08
WBR	1	1700	124	0.07	123	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.64

363 - Bake Pkwy. @ Toledo Wy.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	331	0.19*	83	0.05
NBT	3	5100	1506	0.30	1770	0.35*
NBR	D	1700	48	0.03	204	0.12
SBL	1	1700	37	0.02	61	0.04*
SBT	3	5100	1557	0.31*	1558	0.31
SBR	D	1700	106	0.06	40	0.02
EBL	2	3400	27	0.01	112	0.03
EBT	2	3400	44	0.01*	149	0.04*
EBR	1	1700	71	0.04	194	0.11
WBL	1	1700	241	0.14*	60	0.04*
WBT	2	3400	145	0.07	41	0.02
WBR	0		76		73	0.04
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.70		0.53

364 - Bake Pkwy. @ Jeronimo Rd.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	412	0.24*	73	0.04
NBT	3	5100	1787	0.35	1991	0.39*
NBR	D	1700	97	0.06	484	0.28
SBL	1	1700	106	0.06	103	0.06*
SBT	3	5100	1710	0.34*	1639	0.32
SBR	D	1700	31	0.02	21	0.01
EBL	2	3400	10	0.00	25	0.01
EBT	2	3400	51	0.02*	345	0.10*
EBR	1	1700	67	0.04	208	0.12
WBL	1	1700	344	0.20*	206	0.12*
WBT	2	3400	384	0.14	136	0.06
WBR	0		95		72	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.85		0.72

365 - Bake Pkwy. @ Muirlands Bl.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	229	0.07*	64	0.02
NBT	4	6800	2118	0.31	2178	0.32*
NBR	F		136		318	
SBL	2	3400	69	0.02	163	0.05*
SBT	4	6800	2123	0.31*	2121	0.31
SBR	F		86		41	
EBL	2	3400	21	0.01	107	0.03
EBT	2	3400	110	0.03*	468	0.14*
EBR	F		134		284	
WBL	2	3400	204	0.06*	127	0.04*
WBT	2	3400	281	0.08	132	0.04
WBR	F		78		128	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.60

366 - Bake Pkwy. @ Rockfield Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	163	0.05	24	0.01
NBT	4	6800	2198	0.32*	2353	0.35*
NBR	F		484		232	
SBL	2	3400	124	0.04*	118	0.03*
SBT	4	6800	2036	0.30	2159	0.32
SBR	1	1700	10	0.01	5	0.00
EBL	1	1700	2	0.00	14	0.01
EBT	2	3400	27	0.01*	51	0.02*
EBR	F		87		313	
WBL	2	3400	148	0.04*	463	0.14*
WBT	2	3400	61	0.02	30	0.01
WBR	F		112		179	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.59

367 - Bake Pkwy. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		108		99	
NBT	3	5100	0	0.02*	0	0.02*
NBR	F		585		275	
SBL	0		0	*	0	*
SBT	3	5100	0		0	
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		2443		2470	
EBR	0		199		662	
WBL	1.5	1700	0		0	
WBT	0		607	*	929	*
WBR	1.5	3400	1681	0.49	2123	0.62
Adjustment			WBR	0.49	WBR	0.62
Overlaps				Clearance		0.05
Total ICU				0.56		0.69

368 - Bake Pkwy. @ I-5 SB Ramps
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	0		0	
NBR	0		0		0	
SBL	0		2103		2073	
SBT	3	5100	2	0.41*	3	0.41*
SBR	F		538		212	
EBL	3	5100	0	*	0	*
EBT	0		485		1121	
EBR	1	1700	32	0.02	72	0.04
WBL	0		0		0	
WBT	0		464	*	507	*
WBR	0		330		509	
Adjustment			EBR	0.02	EBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.48		0.50

371 - Bake Pkwy. @ Research Dr.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01	17	0.01
NBT	3	5100	92	0.02*	167	0.03*
NBR	D	1700	210	0.12	573	0.34
SBL	2	3400	91	0.03*	335	0.10*
SBT	3	5100	64	0.01	92	0.02
SBR	1	1700	5	0.00	26	0.02
EBL	2	3400	12	0.00	8	0.00
EBT	2	3400	220	0.06*	275	0.08*
EBR	D	1700	10	0.01	17	0.01
WBL	1	1700	271	0.16*	140	0.08*
WBT	1	1700	257	0.15	244	0.14
WBR	1	1700	483	0.28	327	0.19
Adjustment			WBR	0.04	NBR	0.25
Overlaps				Clearance		0.05
Total ICU				0.36		0.59

372 - Bake Pkwy. @ ICD
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	11	0.00*	38	0.01*
NBT	3	5100	523	0.10	686	0.13
NBR	D	1700	136	0.08	166	0.10
SBL	2	3400	41	0.01	41	0.01
SBT	3	5100	606	0.12*	709	0.14*
SBR	D	1700	78	0.05	91	0.05
EBL	2	3400	43	0.01	64	0.02
EBT	3	5100	68	0.01*	100	0.02*
EBR	F		11		13	
WBL	2	3400	122	0.04*	97	0.03*
WBT	3	5100	108	0.02	140	0.03
WBR	D	1700	42	0.02	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.25

373 - Lake Forest Dr. @ SR-241 NB Ramps
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	161	0.05*
NBT	2	3400	496	0.15	640	0.19
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	444	0.13*	492	0.14*
SBR	1	1700	105	0.06	122	0.07
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.24

374 - Lake Forest Dr. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	50	0.03	74	0.04
NBT	2	3400	138	0.04*	143	0.04*
NBR	D	1700	106	0.06	179	0.11
SBL	1	1700	222	0.13*	156	0.09*
SBT	2	3400	174	0.05	145	0.04
SBR	D	1700	10	0.01	24	0.01
EBL	2	3400	6	0.00	24	0.01
EBT	3	5100	596	0.12*	939	0.18*
EBR	D	1700	68	0.04	70	0.04
WBL	2	3400	216	0.06*	151	0.04*
WBT	3	5100	797	0.16	830	0.16
WBR	D	1700	233	0.14	169	0.10
Adjustment					NBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.40		0.44

375 - Lake Forest Dr. @ SR-241 SB Ramps
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	2	3400	523	0.15*	709	0.21*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	441	0.13	497	0.15
SBR	0		0		0	
EBL	2	3400	111	0.03*	81	0.02*
EBT	0		0		0	
EBR	1	1700	161	0.09	159	0.09
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR 0.04	EBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.27		0.30

376 - Lake Forest Dr. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	180	0.05*	214	0.06
NBT	3	5100	683	0.13	942	0.18*
NBR	1	1700	147	0.09	466	0.27
SBL	2	3400	318	0.09	303	0.09*
SBT	3	5100	991	0.21*	763	0.17
SBR	0		94		105	
EBL	2	3400	142	0.04	330	0.10
EBT	3	5100	509	0.10*	722	0.14*
EBR	1	1700	217	0.13	122	0.07
WBL	2	3400	405	0.12*	210	0.06*
WBT	3	5100	525	0.10	503	0.10
WBR	1	1700	318	0.19	308	0.18
Adjustment					Multi	0.05
Overlaps					Clearance	0.05
Total ICU				0.53		0.57

377 - Lake Forest Dr. @ Toledo Wy.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	57	0.03*	66	0.04
NBT	3	5100	743	0.15	1595	0.31*
NBR	D	1700	73	0.04	159	0.09
SBL	1	1700	43	0.03	15	0.01*
SBT	3	5100	1507	0.30*	942	0.18
SBR	D	1700	46	0.03	20	0.01
EBL	1	1700	36	0.02	41	0.02
EBT	2	1700	99	0.06*	159	0.07*
EBR	0	1700	104	0.06	63	
WBL	1	1700	159	0.09*	58	0.03*
WBT	2	3400	191	0.08	76	0.03
WBR	0		88		27	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.47

378 - Lake Forest Dr. @ Jeronimo Rd.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	63	0.04*	52	0.03
NBT	3	5100	651	0.13	1496	0.29*
NBR	1	1700	128	0.08	216	0.13
SBL	1	1700	195	0.11	63	0.04*
SBT	3	5100	1214	0.24*	817	0.16
SBR	1	1700	288	0.17	152	0.09
EBL	1	1700	110	0.06*	241	0.14
EBT	2	3400	196	0.08	622	0.20*
EBR	0		60		64	
WBL	1	1700	217	0.13	109	0.06*
WBT	2	3400	473	0.20*	255	0.09
WBR	0		208		58	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.64

379 - Lake Forest Dr. @ Muirlands Bl.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	61	0.02*	41	0.01
NBT	3	5100	654	0.13	1512	0.30*
NBR	1	1700	193	0.11	300	0.18
SBL	2	3400	119	0.04	136	0.04*
SBT	3	5100	1294	0.25*	849	0.17
SBR	1	1700	111	0.07	49	0.03
EBL	2	3400	30	0.01*	218	0.06
EBT	2	3400	200	0.06	787	0.23*
EBR	1	1700	33	0.02	64	0.04
WBL	2	3400	270	0.08	155	0.05*
WBT	2	3400	480	0.14*	264	0.08
WBR	1	1700	142	0.08	110	0.06
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.47		0.67

380 - Lake Forest Dr. @ Rockfield Bl.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	453	0.13*	354	0.10
NBT	3	5100	972	0.19	1691	0.33*
NBR	1	1700	247	0.15	492	0.29
SBL	2	3400	95	0.03	141	0.04*
SBT	4	6800	1334	0.21*	1048	0.17
SBR	0		76		80	
EBL	2	3400	62	0.02	149	0.04
EBT	2	3400	108	0.03*	275	0.08*
EBR	2	3400	233	0.07	411	0.12
WBL	2	3400	455	0.13*	360	0.11*
WBT	2	3400	227	0.07	175	0.05
WBR	1	1700	58	0.03	118	0.07

Adjustment
Overlaps — Clearance 0.05

Total ICU 0.55 0.61

381 - Lake Forest Dr. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	1373	0.27*	2261	0.44*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	979	0.19	944	0.19
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	437	0.13*	218	0.06*
WBT	0		0		0	
WBR	2	3400	412	0.12	494	0.15

Adjustment — WBR 0.09
Overlaps — Clearance 0.05

Total ICU 0.45 0.64

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		94		174	
NBT	4	5100	0	0.02*	0	0.03*
NBR	0	1700	128	0.08	231	0.14
SBL	2	3400	759	0.22*	1424	0.42*
SBT	3	5100	317	0.06	422	0.08
SBR	F		601		475	
EBL	2.5	3400	0		1	0.00
EBT	1.5	3400	563	0.17*	936	0.28*
EBR	1	1700	44	0.03	86	0.05
WBL	1	1700	210	0.12*	205	0.12*
WBT	0		876		622	
WBR	2	3400	378	0.11	388	0.11

Adjustment — NBR 0.02
Overlaps — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.58 0.92

385 - Lake Forest Dr. @ ICD
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	231	0.07	229	0.07*
NBT	3	5100	698	0.14*	524	0.10
NBR	1	1700	317	0.19	302	0.18
SBL	2	3400	52	0.02*	151	0.04
SBT	3	5100	329	0.06	689	0.14*
SBR	F		4		9	
EBL	2	3400	10	0.00	10	0.00
EBT	3	5100	230	0.05*	278	0.05*
EBR	D	1700	84	0.05	165	0.10
WBL	2	3400	517	0.15*	711	0.21*
WBT	3	5100	354	0.07	323	0.06
WBR	1	1700	128	0.08	104	0.06

Adjustment
Overlaps — Clearance 0.05

Total ICU 0.41 0.52

386 - Ridge Route Dr. @ Muirlands Bl.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	81	0.05*	93	0.05
NBT	2	3400	151	0.04	156	0.05*
NBR	D	1700	96	0.06	137	0.08
SBL	1	1700	104	0.06	107	0.06*
SBT	2	3400	211	0.06*	120	0.04
SBR	D	1700	93	0.05	60	0.04
EBL	1	1700	44	0.03*	32	0.02
EBT	2	3400	457	0.13	1021	0.30*
EBR	1	1700	49	0.03	48	0.03
WBL	1	1700	115	0.07	72	0.04*
WBT	2	3400	757	0.22*	457	0.13
WBR	1	1700	71	0.04	81	0.05

Adjustment
Overlaps — Clearance 0.05

Total ICU 0.41 0.50

387 - Ridge Route Dr. @ Rockfield Bl.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0.5	1700	61	0.04*	40	0.02*
NBT	1.5	1700	39	0.02	28	0.02
NBR	1	1700	33	0.02	17	0.01
SBL	0.5	1700	102	0.06*	88	0.05*
SBT	1.5	1700	32	0.02	24	0.01
SBR	D	1700	203	0.12	103	0.06
EBL	1	1700	91	0.05*	215	0.13
EBT	2	3400	331	0.10	810	0.26*
EBR	0		15		61	
WBL	1	1700	13	0.01	23	0.01*
WBT	2	3400	386	0.13*	360	0.13
WBR	0		50		74	

Adjustment — SBR 0.04
Overlaps — Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.37 0.39

388 - Ridge Route Dr. @ Avenida Carlota
Existing Base-ITAM TC V1.8 LAGUNA WOODS

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	43	0.03*	60	0.04*
NBT	0		0		0	
NBR	1	1700	195	0.11	292	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	196	0.07*	670	0.23*
EBR	0		48		101	
WBL	1	1700	177	0.10*	162	0.10*
WBT	2	3400	207	0.06	215	0.06
WBR	0		0		0	
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.25		0.47

389 - Ridge Route Dr. @ Moulton Pkwy.
Existing Base-ITAM TC V1.8 LAGUNA HILLS

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	68	0.04	77	0.05
NBT	2	3400	110	0.03*	112	0.03*
NBR	1	1700	85	0.05	157	0.09
SBL	1	1700	69	0.04*	184	0.11*
SBT	2	3400	83	0.02	79	0.02
SBR	1	1700	33	0.02	36	0.02
EBL	1	1700	56	0.03*	39	0.02
EBT	3	5100	660	0.13	1609	0.32*
EBR	D	1700	139	0.08	65	0.04
WBL	1	1700	183	0.11	116	0.07*
WBT	3	5100	1190	0.23*	726	0.14
WBR	1	1700	140	0.08	111	0.07
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.38		0.59

390 - Paseo de Valencia @ Avenida Carlota
Existing Base-ITAM TC V1.8 LAGUNA WOODS

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	109	0.03*	166	0.05*
NBT	1	1700	17	0.01	51	0.03
NBR	1	1700	35	0.02	52	0.03
SBL	2.5	3400	670	0.20	728	0.17
SBT	1.5	3400	660	0.21*	383	0.17*
SBR	0		49		33	
EBL	2	3400	108	0.03*	153	0.05
EBT	2	3400	216	0.06	457	0.13*
EBR	1	1700	107	0.06	222	0.13
WBL	1	1700	7	0.00	22	0.01*
WBT	2	3400	258	0.08*	266	0.08
WBR	1	1700	388	0.23	307	0.18
Adjustment						
Overlaps			N W		Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.40		0.41

391 - Santa Maria Av. @ Moulton Pkwy.
Existing Base-ITAM TC V1.8 LAGUNA HILLS

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1.5	3400	0	*	220	0.21*
NBT	0		0		836	0.21
NBR	1.5	1700	0		0	
SBL	0		0		0	
SBT	0		752	*	1813	*
SBR	0		91		131	
EBL	0		125	*	114	
EBT	3	5100	0	0.02	0	0.02*
EBR	1	1700	221	0.13	178	0.10
WBL	1	1700	161	0.09	0	*
WBT	3	5100	1403	0.28*	0	
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.28

392 - El Toro Rd. @ Muirlands Bl.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	119	0.04*	222	0.07
NBT	3	5100	799	0.16	1420	0.28*
NBR	1	1700	107	0.06	368	0.22
SBL	2	3400	313	0.09	299	0.09*
SBT	3	5100	1291	0.25*	899	0.18
SBR	1	1700	436	0.26	154	0.09
EBL	2	3400	254	0.07*	238	0.07
EBT	2	3400	379	0.11	630	0.19*
EBR	1	1700	125	0.07	310	0.18
WBL	2	3400	306	0.09	285	0.08*
WBT	2	3400	638	0.19*	350	0.10
WBR	1	1700	210	0.12	210	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.69

393 - El Toro Rd. @ Rockfield Bl.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	221	0.07*	422	0.12*
NBT	4	6800	798	0.12	1479	0.22
NBR	D	1700	124	0.07	204	0.12
SBL	2	3400	180	0.05	181	0.05
SBT	4	6800	1352	0.21*	1091	0.17*
SBR	0		46		84	
EBL	2	3400	82	0.02	264	0.08
EBT	2	3400	249	0.07*	421	0.12*
EBR	F		171		244	
WBL	2	3400	311	0.09*	307	0.09*
WBT	2	3400	274	0.08	225	0.07
WBR	1	1700	174	0.10	152	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.55

394 - El Toro Rd. @ I-5 NB Ramps
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	41	0.02*	44	0.03
NBT	2.5	4250	873	0.21	1452	0.33*
NBR	1.5	2550	583	0.21	763	0.33
SBL	0		0		0	*
SBT	5	8500	1764	0.22*	1664	0.20
SBR	0		80		75	
EBL	1	1700	14	0.01*	49	0.03*
EBT	1	1700	1	0.00	7	0.00
EBR	1	1700	99	0.06	117	0.07
WBL	1.5	2550	370	0.14	364	0.19
WBT	0		27	0.14*	21	0.19*
WBR	1.5	2550	325	0.14	585	0.19
Adjustment			EBR	0.03		
Overlaps		E			Clearance	0.05
Total ICU				0.47		0.60

396 - El Toro Rd. @ Avenida Carlota
Existing Base-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	922	0.14	1585	0.23*
NBR	D	1700	35	0.02	57	0.03
SBL	2	3400	89	0.03	213	0.06*
SBT	3	5100	925	0.18*	823	0.16
SBR	1	1700	576	0.34	536	0.32
EBL	3	5100	614	0.12*	749	0.15*
EBT	2	3400	196	0.06	460	0.14
EBR	1	1700	58	0.03	74	0.04
WBL	0.5	850	29	0.05	36	0.06
WBT	0.5	850	59	0.05*	71	0.06*
WBR	2	3400	257	0.08	397	0.12
Adjustment			SBR	0.04		
Overlaps		S W			Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.44		0.55

397 - El Toro Rd. @ Paseo de Valencia
Existing Base-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02	86	0.03
NBT	3	5100	658	0.13*	899	0.18*
NBR	1	1700	206	0.12	208	0.12
SBL	2	3400	217	0.06*	209	0.06*
SBT	3	5100	570	0.11	619	0.13
SBR	0		13		19	
EBL	1	1700	14	0.01	43	0.03
EBT	2	3400	541	0.16*	378	0.11*
EBR	1	1700	210	0.12	153	0.09
WBL	2	3400	213	0.06*	328	0.10*
WBT	2	3400	98	0.03	161	0.05
WBR	1	1700	204	0.12	385	0.23
Adjustment						
Overlaps		N E W			Clearance	0.05
Total ICU				0.46		0.50

398 - El Toro Rd. @ Moulton Pkwy.
Existing Base-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	258	0.15*	252	0.15
NBT	3	5100	505	0.10	688	0.13*
NBR	D	1700	184	0.11	258	0.15
SBL	1	1700	230	0.14	275	0.16*
SBT	3	5100	599	0.12*	597	0.12
SBR	D	1700	203	0.12	201	0.12
EBL	2	3400	161	0.05*	296	0.09
EBT	3	5100	577	0.11	1474	0.29*
EBR	1	1700	224	0.13	328	0.19
WBL	2	3400	227	0.07	211	0.06*
WBT	3	5100	1335	0.26*	617	0.12
WBR	D	1700	271	0.16	266	0.16
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.63		0.69

399 - El Toro Rd. @ Aliso Creek Rd.
Existing Base-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	362	0.07	577	0.11*
NBR	1	1700	663	0.39	1010	0.59
SBL	1	1700	70	0.04	124	0.07*
SBT	3	5100	628	0.12*	522	0.10
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1249	0.37*	898	0.26*
WBT	0		0		0	
WBR	1	1700	50	0.03	107	0.06
Adjustment					NBR	0.22
Overlaps		N			Clearance	0.05
Total ICU				0.54		0.71

400 - El Toro Rd. @ SR-73 NB Ramps
Existing Base-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	995	0.29	1583	0.47*
NBR	0		0		0	
SBL	0		0		0	*
SBT	1.5	1700	613	0.36*	460	0.27
SBR	1.5	3400	1491	0.44	976	0.29
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	78	0.02	95	0.03
WBT	2	3400	375	0.11*	171	0.05*
WBR	1	1700	52	0.03	26	0.02
Adjustment			SBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.60		0.57

401 - El Toro Rd. @ SR-73 SB Ramps
Existing Base-ITAM TC V1.8 LAGUNA BEACH

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	2	3400	439	0.13	570	0.17*
NBR	1	1700	113	0.07	87	0.05
SBL	1	1700	39	0.02	32	0.02*
SBT	2	3400	602	0.18*	508	0.15
SBR	0		0		0	
EBL	1.5	3400	623	0.18*	1088	0.32*
EBT	1.5	1700	129	0.08	328	0.19
EBR	0		0		3	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.56

402 - I-5 NB Ramps @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1.5	3400	345	0.10*	658	0.19*
NBT	0		0		0	
NBR	1.5	1700	23	0.01	67	0.04
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	342	0.10*	699	0.21*
EBR	F		379		284	
WBL	1	1700	541	0.32*	192	0.11*
WBT	2	3400	516	0.15	318	0.09
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.56

403 - SR-241 NB Ramps @ Jeffrey Rd.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	435	0.26*	394	0.23*
NBT	2	3400	333	0.10	160	0.05
NBR	D	1700	231	0.14	12	0.01
SBL	1	1700	20	0.01	1	0.00
SBT	2	3400	74	0.02*	269	0.08*
SBR	D	1700	59	0.03	126	0.07
EBL	1	1700	38	0.02*	20	0.01
EBT	2	3400	7	0.00	6	0.00*
EBR	D	1700	387	0.23	307	0.18
WBL	1	1700	4	0.00	136	0.08*
WBT	2	3400	3	0.00*	78	0.02
WBR	D	1700	6	0.00	43	0.03
Adjustment			EBR	0.01	EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.36		0.45

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	3	5100	1922	0.38*	1613	0.32*
NBR	1	1700	131	0.08	116	0.07
SBL	2	3400	349	0.10*	420	0.12*
SBT	3	5100	1448	0.28	1795	0.35
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	142	0.04*	173	0.05*
WBT	0		0		0	
WBR	F		755		895	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.54

409 - Bake Pkwy. @ Commercentre Dr.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05*	74	0.04
NBT	2	3400	677	0.20	980	0.29*
NBR	D	1700	206	0.12	158	0.09
SBL	1	1700	15	0.01	19	0.01*
SBT	2	3400	720	0.21*	701	0.21
SBR	D	1700	125	0.07	147	0.09
EBL	1	1700	113	0.07*	141	0.08*
EBT	2	3400	114	0.05	119	0.05
EBR	0		62		63	
WBL	2	3400	126	0.04	198	0.06
WBT	1	1700	89	0.06*	204	0.13*
WBR	0		5		11	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.56

410 - Bake Pkwy. @ Lake Forest Dr.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	31	0.01*	64	0.02*
SBT	0		0		0	
SBR	2	3400	267	0.08	291	0.09
EBL	2	3400	135	0.04*	85	0.03*
EBT	2	3400	333	0.10	425	0.13
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	544	0.16*	774	0.23*
WBR	D	1700	39	0.02	42	0.02
Adjustment			SBR	0.04	SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.30		0.38

412 - Ridge Route Dr. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	187	0.11*	167	0.10*
NBT	0		0		0	
NBR	1	1700	238	0.14	181	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	692	0.14*	1388	0.27*
EBR	D	1700	287	0.17	110	0.06
WBL	1	1700	164	0.10*	121	0.07*
WBT	3	5100	1057	0.21	876	0.17
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.49

413 - Ridge Route Dr. @ Toledo Wy.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	37	0.02	16	0.01
NBT	2	3400	261	0.12*	218	0.07*
NBR	0		148		28	
SBL	1	1700	123	0.07*	42	0.02*
SBT	2	3400	354	0.13	161	0.06
SBR	0		101		36	
EBL	1	1700	30	0.02	44	0.03
EBT	2	3400	189	0.07*	239	0.08*
EBR	0		47		21	
WBL	1	1700	119	0.07*	16	0.01*
WBT	2	3400	217	0.08	79	0.04
WBR	0		55		44	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.23

414 - Ridge Route Dr. @ Jeronimo Rd.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	61	0.04	26	0.02
NBT	2	3400	262	0.08*	207	0.06*
NBR	D	1700	179	0.11	100	0.06
SBL	1	1700	105	0.06*	46	0.03*
SBT	2	3400	308	0.09	127	0.04
SBR	D	1700	140	0.08	42	0.02
EBL	1	1700	100	0.06*	48	0.03
EBT	2	3400	322	0.13	742	0.23*
EBR	0		103		33	
WBL	1	1700	115	0.07	69	0.04*
WBT	2	3400	634	0.21*	376	0.13
WBR	0		83		61	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.41

415 - Glenn Ranch Rd. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	41	0.02	83	0.05
NBT	2	1700	36	0.02*	37	0.02*
NBR	0	1700	43	0.03	68	0.04
SBL	2	3400	337	0.10*	243	0.07*
SBT	2	3400	54	0.02	18	0.01
SBR	F		691		463	
EBL	2	3400	255	0.08*	702	0.21*
EBT	3	5100	628	0.12	742	0.15
EBR	1	1700	65	0.04	74	0.04
WBL	2	3400	98	0.03	72	0.02
WBT	3	5100	717	0.14*	626	0.12*
WBR	1	1700	229	0.13	294	0.17
Adjustment						
Overlaps	W			Clearance		0.05
Total ICU				0.39		0.47

416 - Portola Pkwy .East @ SR-241 Ramps
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	303	0.09*	180	0.05*
NBT	3	5100	784	0.15	700	0.14
NBR	F		77		134	
SBL	2	3400	129	0.04	188	0.06
SBT	3	5100	693	0.14*	791	0.16*
SBR	F		203		104	
EBL	1	1700	82	0.05*	136	0.08*
EBT	0		0		0	
EBR	F		196		251	
WBL	2	3400	141	0.04	117	0.03
WBT	0		0	*	0	*
WBR	F		201		146	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.34

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	248	0.15*	251	0.15*
NBT	3	5100	191	0.04	391	0.08
NBR	F		483		610	
SBL	1	1700	34	0.02	16	0.01
SBT	3	5100	503	0.10*	212	0.04*
SBR	1	1700	189	0.11	165	0.10
EBL	2	3400	69	0.02	217	0.06
EBT	3	5100	875	0.17*	1343	0.26*
EBR	1	1700	269	0.16	312	0.18
WBL	2	3400	442	0.13*	422	0.12*
WBT	4	6800	1261	0.19	959	0.14
WBR	D	1700	34	0.02	33	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.62

418 - El Toro Rd. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	214	0.06*	334	0.10
NBT	3	5100	663	0.13	1119	0.22*
NBR	1	1700	192	0.11	276	0.16
SBL	2	3400	256	0.08	219	0.06*
SBT	3	5100	1598	0.31*	863	0.17
SBR	1	1700	264	0.16	189	0.11
EBL	2	3400	206	0.06	408	0.12
EBT	3	3400	444	0.13*	816	0.21*
EBR	0	1700	225	0.13	266	
WBL	2	3400	366	0.11*	174	0.05*
WBT	3	5100	609	0.12	413	0.08
WBR	1	1700	158	0.09	154	0.09
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.66		0.59

419 - El Toro Rd. @ Toledo Wy.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	151	0.09*	64	0.04
NBT	3	5100	949	0.19	1695	0.33*
NBR	D	1700	13	0.01	21	0.01
SBL	1	1700	1	0.00	5	0.00*
SBT	3	5100	1978	0.39*	1264	0.25
SBR	D	1700	233	0.14	49	0.03
EBL	1.5	2550	115	0.04*	151	0.05*
EBT	0.5	850	6	0.04	13	0.05
EBR	1	1700	174	0.10	84	0.05
WBL	0		11		13	
WBT	1	1700	12	0.02*	11	0.01*
WBR	0		3		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.44

420 - El Toro Rd. @ Jeronimo Rd.
Existing Base-ITAM TC V1.8 LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	83	0.05*	106	0.06
NBT	3	5100	792	0.16	1454	0.29*
NBR	1	1700	336	0.20	272	0.16
SBL	1	1700	268	0.16	218	0.13*
SBT	3	5100	1666	0.33*	1007	0.20
SBR	D	1700	259	0.15	103	0.06
EBL	1	1700	121	0.07	141	0.08
EBT	2	3400	333	0.15*	603	0.21*
EBR	0		173		98	
WBL	2	3400	360	0.11*	240	0.07*
WBT	2	3400	404	0.12	324	0.10
WBR	1	1700	200	0.12	280	0.16
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.69		0.75

421 - Los Alisos Bl. @ Trabuco Rd.
Existing Base-ITAM TC V1.8 MISSION VIEJO

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	151	0.09*	190	0.11
NBT	3	5100	444	0.09	766	0.15*
NBR	D	1700	134	0.08	235	0.14
SBL	1	1700	142	0.08	111	0.07*
SBT	3	5100	898	0.18*	492	0.10
SBR	D	1700	276	0.16	132	0.08
EBL	1	1700	210	0.12*	321	0.19*
EBT	2	3400	480	0.14	611	0.18
EBR	D	1700	208	0.12	172	0.10
WBL	1	1700	213	0.13	170	0.10
WBT	2	3400	537	0.16*	416	0.12*
WBR	D	1700	140	0.08	130	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.58

422 - Los Alisos Bl. @ Jeromino Rd.
Existing Base-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	194	0.11*	212	0.12
NBT	3	5100	588	0.12	992	0.19*
NBR	1	1700	178	0.10	256	0.15
SBL	1	1700	163	0.10	146	0.09*
SBT	3	5100	1037	0.20*	629	0.12
SBR	1	1700	339	0.20	164	0.10
EBL	2	3400	244	0.07	304	0.09
EBT	2	3400	550	0.16*	594	0.17*
EBR	1	1700	191	0.11	155	0.09
WBL	2	3400	217	0.06*	267	0.08*
WBT	2	3400	506	0.15	514	0.15
WBR	1	1700	99	0.06	153	0.09

Adjustment
Overlaps — Clearance — 0.05

Total ICU — 0.58 — 0.58

423 - Muirlands Bl. @ Los Alisos Bl.
Existing Base-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	169	0.10*	180	0.11
NBT	2	3400	645	0.19	942	0.28*
NBR	1	1700	241	0.14	255	0.15
SBL	1	1700	259	0.15	179	0.11*
SBT	2	3400	883	0.35*	639	0.25
SBR	0		291		199	
EBL	1	1700	158	0.09	307	0.18*
EBT	3	5100	592	0.12*	739	0.14
EBR	1	1700	163	0.10	208	0.12
WBL	1	1700	194	0.11*	121	0.07
WBT	3	5100	464	0.09	412	0.08*
WBR	D	1700	78	0.05	132	0.08

Adjustment
Overlaps — Clearance — 0.05

Total ICU — 0.73 — 0.70

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	220	0.13*	202	0.12*
NBT	2	3400	713	0.21	1210	0.36
NBR	0		7		1	
SBL	1	1700	10	0.01	26	0.02
SBT	2	3400	834	0.37*	664	0.28*
SBR	0		419		281	
EBL	1.5	2550	298	0.09*	364	0.12*
EBT	0.5	850	17	0.09	35	0.12
EBR	1	1700	225	0.13	276	0.16
WBL	0		18		9	
WBT	1	1700	50	0.04*	23	0.02*
WBR	D	1700	31	0.02	30	0.02

Adjustment
Overlaps — Clearance — 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.68 — 0.59

425 - Los Alisos Bl. @ Avenida Carlota
Existing Base-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	126	0.04*
NBT	3	5100	793	0.16	1009	0.20
NBR	0		5		7	
SBL	1	1700	9	0.01	6	0.00
SBT	2	3400	880	0.26*	779	0.23*
SBR	1	1700	206	0.12	178	0.10
EBL	1.5	2550	146	0.04*	427	0.13*
EBT	0.5	850	2	0.04	8	0.13
EBR	1	1700	80	0.05	214	0.13
WBL	0		13		4	
WBT	1	1700	7	0.01*	8	0.01*
WBR	D	1700	9	0.01	11	0.01

Adjustment
Overlaps — S — Clearance — 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.41 — 0.46

426 - Los Alisos Bl. @ Paseo de Valencia
Existing Base-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	756	0.15*	798	0.16*
SBT	0		0		0	
SBR	1	1700	284	0.17	190	0.11
EBL	2	3400	65	0.02*	211	0.06
EBT	2	3400	362	0.11	740	0.22*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	619	0.18*	396	0.12
WBR	2	3400	908	0.27	955	0.28

Adjustment
Overlaps — S W — Clearance — 0.05

Total ICU — 0.40 — 0.43

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Existing Base-ITAM TC V1.8 — ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	205	0.06	281	0.08*
NBT	3	5100	1279	0.25*	750	0.15
NBR	D	1700	9	0.01	23	0.01
SBL	1	1700	5	0.00*	47	0.03
SBT	3	5100	693	0.14	1476	0.29*
SBR	1	1700	255	0.15	379	0.22
EBL	1.5	2550	340	0.10*	260	0.08*
EBT	0.5	850	3	0.10	12	0.08
EBR	1	1700	200	0.12	240	0.14
WBL	0		36		20	
WBT	1	1700	7	0.03*	7	0.02*
WBR	D	1700	24	0.01	17	0.01

Adjustment
Overlaps — Clearance — 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.43 — 0.52

428 - Laguna Hills Dr. @ Paseo de Valencia
Existing Base-ITAM TC V1.8 LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	626	0.19	614	0.19*
NBT	0.5	850	13	0.19*	27	0.19
NBR	1	1700	328	0.19	308	0.18
SBL	1	1700	141	0.08*	67	0.04
SBT	1	1700	36	0.07	14	0.04*
SBR	0		79		54	
EBL	1	1700	40	0.02	63	0.04
EBT	3	5100	632	0.12*	922	0.18*
EBR	1	1700	461	0.27	583	0.34
WBL	2	3400	305	0.09*	292	0.09*
WBT	3	5100	797	0.17	642	0.14
WBR	0		87		78	

Adjustment EBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.53 0.57

429 - Moulton Pkwy. @ Laguna Hills Dr.
Existing Base-ITAM TC V1.8 ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	327	0.10	221	0.07*
NBT	4	6800	1039	0.15*	683	0.10
NBR	1	1700	117	0.07	100	0.06
SBL	2	3400	220	0.06*	211	0.06
SBT	3	5100	502	0.10	1209	0.24*
SBR	1	1700	188	0.11	315	0.19
EBL	2	3400	313	0.09*	193	0.06*
EBT	3	5100	514	0.10	647	0.13
EBR	F		244		239	
WBL	1	1700	47	0.03	103	0.06
WBT	2	3400	536	0.16*	573	0.17*
WBR	1	1700	187	0.11	161	0.09

Adjustment
Overlaps Clearance 0.05

Total ICU 0.51 0.59

430 - Trabuco Rd. @ Alicia Pkwy.
Existing Base-ITAM TC V1.8 MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	168	0.05*	176	0.05
NBT	2	3400	783	0.23	1204	0.35*
NBR	D	1700	50	0.03	96	0.06
SBL	2	3400	50	0.01	41	0.01*
SBT	2	3400	1535	0.45*	948	0.28
SBR	1	1700	345	0.20	163	0.10
EBL	1	1700	210	0.12*	468	0.28*
EBT	3	5100	383	0.08	416	0.08
EBR	D	1700	184	0.11	115	0.07
WBL	1	1700	190	0.11	108	0.06
WBT	3	5100	369	0.07*	344	0.07*
WBR	1	1700	62	0.04	33	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.74 0.76

431 - Jeronimo Rd. @ Alicia Pkwy.
Existing Base-ITAM TC V1.8 MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	297	0.09*	220	0.06
NBT	2	3400	1071	0.32	1422	0.42*
NBR	1	1700	199	0.12	374	0.22
SBL	2	3400	155	0.05	113	0.03*
SBT	2	3400	1830	0.54*	1092	0.32
SBR	1	1700	139	0.08	111	0.07
EBL	2	3400	83	0.02	154	0.05
EBT	3	5100	385	0.08*	619	0.12*
EBR	1	1700	179	0.11	330	0.19
WBL	2	3400	485	0.14*	219	0.06*
WBT	3	5100	639	0.13	319	0.06
WBR	1	1700	61	0.04	103	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.90 0.68

432 - Alicia Pkwy. @ Muirlands Bl.
Existing Base-ITAM TC V1.8 MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	247	0.07
NBT	3	5100	1440	0.28	1721	0.34*
NBR	1	1700	96	0.06	124	0.07
SBL	1	1700	210	0.12	150	0.09*
SBT	4	6800	2327	0.35*	1724	0.26
SBR	0		67		71	
EBL	1	1700	122	0.07	196	0.12*
EBT	2	3400	395	0.12*	381	0.11
EBR	1	1700	533	0.31	524	0.31
WBL	1	1700	139	0.08*	119	0.07
WBT	2	3400	338	0.10	337	0.10*
WBR	1	1700	163	0.10	208	0.12

Adjustment EBR 0.13 EBR 0.01
Overlaps E Clearance 0.05

Total ICU 0.79 0.71

433 - I-5 NB Ramps @ Alicia Pkwy.
Existing Base-ITAM TC V1.8 MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	0		0	
NBT	0		1645	0.51*	1901	0.52*
NBR	1.5	2550	966	0.51	766	0.52
SBL	0		0	*	0	*
SBT	0		1518		1388	
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	0		0	
EBR	F		0		0	
WBL	0		79		139	
WBT	3	5100	0	0.02*	0	0.03*
WBR	F		312		482	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.60

434 - I-5 SB Ramps @ Alicia Pkwy.
Existing Base-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		1680		1720	
NBR	0		0		0	
SBL	1.5	2550	0		0	
SBT	0		951	0.30*	1080	0.31*
SBR	1.5	2550	599	0.30	526	0.31
EBL	0		941		901	
EBT	3	5100	0	0.18*	0	0.18*
EBR	F		831		681	
WBL	0		0	*	0	*
WBT	3	5100	0		0	
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.54

435 - Alicia Pkwy. @ Paseo de Valencia
Existing Base-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	318	0.09*	370	0.11
NBT	3	5100	1255	0.27	1238	0.26*
NBR	0		100		110	
SBL	1	1700	82	0.05	123	0.07*
SBT	3	5100	1266	0.25*	1144	0.22
SBR	1	1700	297	0.17	262	0.15
EBL	2	3400	266	0.08*	248	0.07
EBT	2	3400	295	0.09	480	0.14*
EBR	2	3400	294	0.09	440	0.13
WBL	2	3400	103	0.03	82	0.02*
WBT	3	5100	442	0.09*	312	0.06
WBR	1	1700	69	0.04	92	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.54

436 - Moulton Pkwy. @ Alicia Pkwy.
Existing Base-ITAM TC V1.8 — ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	367	0.11*	336	0.10
NBT	3	5100	1085	0.21	1140	0.22*
NBR	F		73		72	
SBL	2	3400	252	0.07	330	0.10*
SBT	3	5100	1163	0.23*	1070	0.21
SBR	1	1700	123	0.07	102	0.06
EBL	2	3400	106	0.03*	122	0.04
EBT	3	5100	572	0.11	884	0.17*
EBR	1	1700	249	0.15	567	0.33
WBL	2	3400	46	0.01	77	0.02*
WBT	3	5100	941	0.18*	636	0.12
WBR	1	1700	347	0.20	371	0.22
Adjustment					EBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.60		0.64

437 - Scientific Wy. @ ICD
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	14	0.00	6	0.00*
NBT	2	3400	687	0.20*	620	0.18
NBR	1	1700	76	0.04	55	0.03
SBL	2	3400	13	0.00*	10	0.00
SBT	2	3400	403	0.12	759	0.22*
SBR	1	1700	67	0.04	12	0.01
EBL	1	1700	15	0.01*	27	0.02
EBT	3	5100	11	0.00	29	0.01*
EBR	1	1700	5	0.00	19	0.01
WBL	1	1700	21	0.01	48	0.03*
WBT	3	5100	37	0.01*	16	0.00
WBR	1	1700	7	0.00	17	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.31

441 - Park Av. @ Jamboree Rd. SB Ramps
Existing Base-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	31	0.01*	115	0.03*
NBR	1	1700	19	0.01	51	0.03
SBL	1	1700	42	0.02*	17	0.01*
SBT	2	3400	75	0.02	75	0.02
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	395	0.12*	414	0.12*
WBT	0		0		0	
WBR	1	1700	21	0.01	28	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.20		0.21

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		503		839	
EBL	0		832	*	758	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

444 - Sand Canyon Av. @ Burt Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	26	0.02*	11	0.01
NBT	3	5100	526	0.11	1730	0.35*
NBR	0		53		68	
SBL	1	1700	82	0.05	123	0.07*
SBT	3	5100	2460	0.48*	1093	0.21
SBR	1	1700	37	0.02	14	0.01
EBL	1	1700	10	0.01	44	0.03
EBT	1	1700	0	*	5	0.00*
EBR	D	1700	8	0.00	38	0.02
WBL	1	1700	42	0.02*	46	0.03*
WBT	1	1700	6	0.00	2	0.00
WBR	1	1700	48	0.03	103	0.06
Adjustment					WBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.51

452 - Jamboree Rd. @ Santiago Canyon Rd.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	400	0.12*	1807	0.53*
NBT	1	1700	51	0.03	32	0.02
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	17	0.01*	62	0.02*
SBR	D	1700	12	0.01	44	0.03
EBL	1	1700	28	0.02*	16	0.01*
EBT	0		0		0	
EBR	2	3400	1383	0.41	541	0.16
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR	0.30	
Overlaps					Clearance	0.05
Total ICU				0.50		0.61

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Existing Base-ITAM TC V1.8 COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

463 - Jamboree Rd. @ Chapman Ave.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	98	0.03	220	0.06
NBT	2	3400	179	0.05*	971	0.29*
NBR	2	3400	184	0.05	134	0.04
SBL	2	3400	626	0.18*	280	0.08*
SBT	3	5100	731	0.14	288	0.06
SBR	1	1700	17	0.01	33	0.02
EBL	2	3400	29	0.01	25	0.01*
EBT	3	5100	557	0.11*	322	0.06
EBR	1	1700	106	0.06	57	0.03
WBL	2	3400	177	0.05*	183	0.05
WBT	3	5100	336	0.07	797	0.16*
WBR	1	1700	236	0.14	823	0.48
Adjustment					WBR	0.26
Overlaps					Clearance	0.05
Total ICU				0.44		0.85

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	49	0.03*	42	0.02*
SBT	0		1		0	
SBR	2	3400	236	0.07	106	0.03
EBL	0		0		0	*
EBT	4	6800	1111	0.20*	696	0.11
EBR	0		249		35	
WBL	1	1700	54	0.03*	25	0.01
WBT	2	3400	534	0.16	1722	0.51*
WBR	0		0		0	
Adjustment					SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.31		0.59

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	28	0.01*	292	0.09*
NBT	0		1	0.01	6	0.09
NBR	0.5	850	4	0.01	19	0.09
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	105	0.06*	141	0.08*
EBT	4	6800	1040	0.15	617	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	566	0.12*	1470	0.30*
WBR	0		35		43	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.52

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	238	0.07*	877	0.26*
NBT	0		0		0	
NBR	1	1700	6	0.00	4	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	455	0.13*	368	0.11
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	3400	359	0.11	628	0.18*
WBR	0		0		0	
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.25		0.49

468 - Jamboree Rd. @ Canyon View Ave.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	114	0.03*	114	0.03*
NBT	3	5100	332	0.07	332	0.07
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	997	0.29*	997	0.29*
SBR	1	1700	35	0.02	35	0.02
EBL	1	1700	57	0.03*	57	0.03*
EBT	0		0		0	
EBR	2	3400	504	0.15	504	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10	EBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.50		0.50

469 - Jamboree Rd. @ Handy Creek Rd.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

470 - SR-261 SB Ramps @ Handy Creek Rd.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

471 - SR-261 NB Ramps @ Handy Creek Rd.
Existing Base-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

477 - El Camino Real N. @ Bryan Ave.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	133	0.06*	74	0.04*
NBT	0		0		0	
NBR	1.5	2550	158	0.06	360	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	513	0.15*	600	0.18
EBR	D	1700	219	0.13	38	0.02
WBL	2	3400	192	0.06*	109	0.03
WBT	2	3400	477	0.14	783	0.23*
WBR	0		0		0	
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.32		0.35

481 - Laguna Canyon Rd. @ Technology Dr.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	68	0.04*
NBT	2	3400	5	0.00	27	0.01
NBR	D	1700	4	0.00	14	0.01
SBL	2	3400	12	0.00	24	0.01
SBT	2	3400	19	0.01*	6	0.00*
SBR	D	1700	106	0.06	396	0.23
EBL	1	1700	362	0.21*	193	0.11*
EBT	1	1700	297	0.17	72	0.04
EBR	1	1700	79	0.05	5	0.00
WBL	1	1700	27	0.02	2	0.00
WBT	1	1700	70	0.04*	287	0.17*
WBR	2	3400	49	0.01	24	0.01
Adjustment					SBR	0.15
Overlaps					Clearance	0.05
Total ICU				0.31		0.52

482 - Visions @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00*	8	0.00*
NBT	1	1700	6	0.00	6	0.00
NBR	1	1700	82	0.05	38	0.02
SBL	1	1700	68	0.04	31	0.02
SBT	1	1700	21	0.04*	3	0.02*
SBR	0		53		38	
EBL	1	1700	52	0.03	37	0.02
EBT	2	3400	370	0.11*	694	0.20*
EBR	1	1700	87	0.05	7	0.00
WBL	1	1700	247	0.15*	19	0.01*
WBT	2	3400	596	0.18	546	0.16
WBR	D	1700	124	0.07	20	0.01
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.35		0.29

483 - Tulip @ Trabuco Rd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	64	0.04	30	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	539	0.16	500	0.15
EBR	D	1700	45	0.03	37	0.02
WBL	1	1700	74	0.04	36	0.02
WBT	2	3400	700	0.21*	624	0.18*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.26		0.23

484 - Sand Canyon Av. @ Roosevelt
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	28	0.01*	88	0.03
NBT	4	6800	687	0.10	1920	0.28*
NBR	D	1700	24	0.01	46	0.03
SBL	2	3400	12	0.00	25	0.01*
SBT	4	6800	1910	0.28*	862	0.13
SBR	D	1700	31	0.02	48	0.03
EBL	2	3400	65	0.02*	105	0.03*
EBT	2	3400	12	0.00	8	0.00
EBR	D	1700	144	0.08	66	0.04
WBL	2	3400	18	0.01	14	0.00
WBT	1	1700	17	0.01*	5	0.00*
WBR	D	1700	27	0.02	19	0.01
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.42		0.37

485 - Sand Canyon Av. @ Nightmist
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03*	188	0.06
NBT	4	6800	747	0.11	2055	0.30*
NBR	D	1700	27	0.02	63	0.04
SBL	1	1700	19	0.01	7	0.00*
SBT	4	6800	1880	0.28*	931	0.14
SBR	D	1700	15	0.01	28	0.02
EBL	2	3400	30	0.01	2	0.00
EBT	1	1700	19	0.01*	15	0.01*
EBR	1	1700	283	0.17	110	0.06
WBL	2	3400	130	0.04*	47	0.01*
WBT	1	1700	34	0.02	0	
WBR	D	1700	16	0.01	8	0.00
Adjustment			EBR	0.14		
Overlaps					Clearance	0.05
Total ICU				0.55		0.37

486 - SR-133 SB Ramps @ Great Park Blvd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

487 - SR-133 NB Ramps @ Great Park Blvd.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

514 - Alton Pkwy. @ Rancho Pkwy.
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06	21	0.01*
NBT	3	5100	899	0.18*	581	0.11
NBR	1	1700	44	0.03	20	0.01
SBL	1	1700	69	0.04*	122	0.07
SBT	3	5100	516	0.10	973	0.19*
SBR	1	1700	146	0.09	110	0.06
EBL	1	1700	25	0.01	10	0.01
EBT	2	3400	27	0.01*	25	0.01*
EBR	D	1700	158	0.09	117	0.07
WBL	1	1700	173	0.10*	181	0.11*
WBT	2	3400	27	0.01	32	0.01
WBR	1	1700	32	0.02	77	0.05
Adjustment					EBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.38		0.42

515 - Bake Pkwy. N @ Rancho Pkwy.
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	524	0.15	784	0.23*
NBR	D	1700	270	0.16	475	0.28
SBL	1	1700	73	0.04	240	0.14*
SBT	2	3400	694	0.20*	615	0.18
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	370	0.11*	270	0.08*
WBT	0		0		0	
WBR	2	3400	81	0.02	177	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.50

516 - Lake Forest Dr. @ Rancho Pkwy.
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	97	0.06	135	0.08
NBT	2	3400	440	0.13*	554	0.16*
NBR	D	1700	132	0.08	282	0.17
SBL	1	1700	107	0.06*	165	0.10*
SBT	2	3400	454	0.13	450	0.13
SBR	D	1700	56	0.03	47	0.03
EBL	1	1700	28	0.02	34	0.02
EBT	1	1700	280	0.16*	554	0.33*
EBR	1	1700	53	0.03	110	0.06
WBL	1	1700	187	0.11*	134	0.08*
WBT	2	3400	401	0.12	374	0.11
WBR	1	1700	47	0.03	98	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.72

517 - Portola Pkwy. @ Rancho Pkwy.
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	595	0.18*	549	0.16*
NBT	3	5100	1046	0.21	824	0.16
NBR	D	1700	5	0.00	2	0.00
SBL	2	3400	8	0.00	23	0.01
SBT	3	5100	893	0.18*	1010	0.20*
SBR	1	1700	113	0.07	120	0.07
EBL	1.5	2550	83	0.03*	148	0.05*
EBT	0.5	850	14	0.03	36	0.05
EBR	F		375		807	
WBL	1.5	2550	3	0.00	9	0.01
WBT	1	1700	10	0.00*	24	0.01*
WBR	1.5	2550	4	0.00	23	0.01
Adjustment						
Overlaps		S		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.44		0.47

518 - Alton Pkwy. @ Commercentre
Existing Base-ITAM TC V1.8 LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	1200	0.24*	1200	0.24*
NBR	D	1700	230	0.14	230	0.14
SBL	1	1700	30	0.02*	30	0.02*
SBT	3	5100	798	0.16	798	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	359	0.21*	359	0.21*
WBT	0		0		0	
WBR	1	1700	113	0.07	113	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.52

520 - Keystone @ Trabuco Rd.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	208	0.06*	77	0.02*
SBT	0		0		0	
SBR	1	1700	347	0.20	239	0.14
EBL	2	3400	176	0.05*	261	0.08*
EBT	2	3400	374	0.11	460	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	604	0.18*	501	0.15*
WBR	1	1700	93	0.05	130	0.08
Adjustment			SBR	0.10	SBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.44		0.36

555 - Bake Pkwy. @ Rancho Pkwy. S
Existing Base-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	179	0.11*	119	0.07
NBT	2	3400	629	0.19	1043	0.32*
NBR	0		16		36	
SBL	0		7		9	*
SBT	2	3400	837	0.25*	749	0.22
SBR	1	1700	208	0.12	115	0.07
EBL	2	3400	161	0.05*	206	0.06*
EBT	0		17		24	
EBR	1	1700	92	0.05	87	0.05
WBL	0		59		50	
WBT	0		27	*	13	*
WBR	0		7		15	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.43

556 - Ridge Valley @ Portola Pkwy.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	70	0.02	63	0.02
NBT	1	1700	21	0.01*	33	0.02*
NBR	D	1700	52	0.03	85	0.05
SBL	1	1700	95	0.06*	23	0.01*
SBT	2	3400	95	0.03	30	0.01
SBR	D	1700	19	0.01	16	0.01
EBL	1	1700	10	0.01	15	0.01
EBT	2	3400	564	0.17*	576	0.17*
EBR	D	1700	101	0.06	48	0.03
WBL	1	1700	127	0.07*	57	0.03*
WBT	2	3400	678	0.20	544	0.16
WBR	D	1700	49	0.03	27	0.02
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.36		0.29

558 - Ridge Valley @ Irvine Bl.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	217	0.06	199	0.06*
NBT	2	3400	150	0.04*	84	0.02
NBR	D	1700	46	0.03	39	0.02
SBL	1	1700	206	0.12*	66	0.04
SBT	2	3400	254	0.07	49	0.01*
SBR	F		506		271	
EBL	2	3400	127	0.04*	399	0.12*
EBT	3	5100	1124	0.22	1166	0.23
EBR	1	1700	128	0.08	256	0.15
WBL	2	3400	36	0.01	42	0.01
WBT	3	5100	1289	0.25*	1309	0.26*
WBR	1	1700	101	0.06	92	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.50

559 - Ridge Valley @ Great Park Blvd.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	114	0.03*	151	0.04
NBT	2	3400	38	0.02	160	0.07*
NBR	0		15		91	
SBL	1	1700	1	0.00	8	0.00*
SBT	2	3400	138	0.04*	71	0.02
SBR	F		580		359	
EBL	2	3400	157	0.05	397	0.12*
EBT	2	3400	398	0.12*	486	0.14
EBR	F		75		151	
WBL	1	1700	84	0.05*	25	0.01
WBT	2	3400	390	0.12	230	0.07*
WBR	0		4		8	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.29		0.31

560 - Ridge Valley @ Marine Wy.
Existing Base-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	79	0.02*	322	0.09*
SBT	0		0		0	
SBR	1	1700	265	0.16	152	0.09
EBL	2	3400	22	0.01	274	0.08*
EBT	2	3400	105	0.03*	111	0.03
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	3400	34	0.01	125	0.04*
WBR	1	1700	273	0.16	183	0.11
Adjustment			Multi	0.24		
Overlaps					Clearance	0.05
Total ICU				0.34		0.26

561 - Bosque @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	121	0.07*	80	0.05*
NBT	0		0		0	
NBR	1	1700	81	0.05	114	0.07
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	1288	0.25*	1142	0.22*
EBR	1	1700	86	0.05	136	0.08
WBL	1	1700	75	0.04*	79	0.05*
WBT	3	5100	1279	0.25	1361	0.27
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.37

562 - Skyhawk @ Marine Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		25		46	*
NBT	0		3	*	4	
NBR	0		0		0	
SBL	1	1700	1	0.00*	0	
SBT	0		14		2	*
SBR	2	3400	28	0.01	92	0.03
EBL	2	3400	283	0.08*	393	0.12*
EBT	1	1700	2	0.02	0	0.00
EBR	0		40		4	
WBL	0		1		0	
WBT	2	3400	0	0.00*	0	*
WBR	1	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.13		0.17

563 - Chinon @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	317	0.12*	67	0.04*
NBT	0		0		0	
NBR	0.5	850	74	0.12	90	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1508	0.30*	950	0.19
EBR	1	1700	281	0.17	46	0.03
WBL	1	1700	27	0.02*	76	0.04
WBT	3	5100	747	0.15	1529	0.30*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.39

565 - Treble @ Marine Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

566 - Marine Wy. @ Barranca Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	0	*	1	0.00*
NBT	0		0		0	
NBR	1	1700	2	0.00	43	0.03
SBL	0		4		36	
SBT	0		0	*	0	*
SBR	0		2		3	
EBL	0		2	*	0	
EBT	2	3400	468	0.14	917	0.27*
EBR	1	1700	59	0.03	9	0.01
WBL	2	3400	3	0.00	1	0.00*
WBT	2	3400	984	0.29*	689	0.20
WBR	0		0		0	
Adjustment					NBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.34		0.35

567 - Marine Wy. @ Alton Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		1		0	
NBT	0		0	*	0	*
NBR	0		4		0	
SBL	2	3400	4	0.00*	69	0.02*
SBT	0		1		0	
SBR	1	1700	3	0.00	13	0.01
EBL	2	3400	75	0.02*	7	0.00
EBT	3	5100	1005	0.20	1092	0.21*
EBR	0		5		0	
WBL	0		1		0	*
WBT	3	5100	993	0.19*	822	0.16
WBR	1	1700	8	0.00	2	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.26		0.28

568 - Ada @ Marine Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

569 - Bake Pkwy @ Marine Wy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

571 - Portola Springs @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	276	0.08*	235	0.07*
NBT	1	1700	59	0.07	70	0.07
NBR	0		64		55	
SBL	1	1700	14	0.01	7	0.00
SBT	1	1700	89	0.05*	52	0.03*
SBR	D	1700	267	0.16	144	0.08
EBL	1	1700	109	0.06*	194	0.11*
EBT	2	3400	296	0.09	290	0.09
EBR	1	1700	259	0.15	151	0.09
WBL	1	1700	52	0.03	56	0.03
WBT	2	3400	275	0.08*	238	0.07*
WBR	D	1700	37	0.02	8	0.00
Adjustment			SBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.38		0.33

572 - Modjeska @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	42	0.02	36	0.02
NBT	1	1700	31	0.02*	27	0.02*
NBR	1	1700	64	0.04	29	0.02
SBL	2	3400	525	0.15*	254	0.07*
SBT	1	1700	31	0.02	23	0.01
SBR	D	1700	442	0.26	230	0.14
EBL	1	1700	155	0.09*	384	0.23*
EBT	3	5100	1174	0.23	847	0.17
EBR	1	1700	32	0.02	38	0.02
WBL	1	1700	28	0.02	48	0.03
WBT	3	5100	894	0.18*	1186	0.23*
WBR	1	1700	272	0.16	457	0.27
Adjustment			SBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.53		0.60

574 - Ridge Valley @ Benchmark
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		10	*	19	*
NBT	0		119		196	
NBR	0		21		54	
SBL	0		109		22	
SBT	0		206	*	169	*
SBR	0		5		19	
EBL	0		12	*	8	*
EBT	0		20		5	
EBR	0		24		10	
WBL	0		85		34	
WBT	0		17	*	6	*
WBR	0		101		18	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

575 - Ridge Valley @ Hornet
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	86	0.05
NBT	2	3400	43	0.01	311	0.10*
NBR	0		4		28	
SBL	1	1700	18	0.01	71	0.04*
SBT	2	3400	221	0.07*	106	0.03
SBR	D	1700	58	0.03	71	0.04
EBL	1	1700	111	0.07	49	0.03*
EBT	1	1700	11	0.04*	8	0.02
EBR	0		59		20	
WBL	1	1700	63	0.04*	16	0.01
WBT	1	1700	5	0.01	12	0.03*
WBR	0		11		47	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.21		0.25

576 - Ridge Valley @ Phantom
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01*	25	0.01
NBT	2	3400	83	0.03	467	0.19*
NBR	0		30		169	
SBL	1	1700	2	0.00	21	0.01*
SBT	2	3400	478	0.14*	234	0.07
SBR	0		3		7	
EBL	1	1700	6	0.00	5	0.00
EBT	1	1700	3	0.01*	2	0.01*
EBR	0		17		16	
WBL	1	1700	21	0.01*	72	0.04*
WBT	1	1700	0	0.00	3	0.02
WBR	0		1		23	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.30

577 - Pusan Way @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03*	22	0.01
NBT	1	1700	46	0.03	32	0.02*
NBR	1	1700	75	0.04	35	0.02
SBL	1	1700	31	0.02	31	0.02*
SBT	1	1700	61	0.04*	29	0.02
SBR	1	1700	157	0.09	123	0.07
EBL	1	1700	82	0.05	161	0.09*
EBT	3	5100	1682	0.33*	934	0.18
EBR	1	1700	33	0.02	34	0.02
WBL	1	1700	56	0.03*	52	0.03
WBT	3	5100	940	0.18	1468	0.29*
WBR	1	1700	38	0.02	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.47

579 - Merit @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	124	0.04*	86	0.03*
NBT	1	1700	30	0.02	14	0.01
NBR	1	1700	175	0.10	103	0.06
SBL	1	1700	115	0.07	38	0.02
SBT	1	1700	73	0.05*	14	0.01*
SBR	0		10		9	
EBL	2	3400	7	0.00	8	0.00*
EBT	3	5100	1149	0.23*	890	0.17
EBR	1	1700	429	0.25	121	0.07
WBL	2	3400	113	0.03*	113	0.03
WBT	3	5100	633	0.12	1485	0.29*
WBR	1	1700	87	0.05	63	0.04
Adjustment			NBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.46		0.38

584 - Orchard Hills Dr. @ Portola Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	426	0.15*	248	0.07*
SBT	0		0		0	
SBR	1.5	2550	315	0.15	81	0.05
EBL	1	1700	173	0.10*	103	0.06*
EBT	3	5100	759	0.15	603	0.12
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	631	0.12*	1023	0.20*
WBR	D	1700	482	0.28	290	0.17
Adjustment			WBR	0.05		
Overlaps				Clearance		0.05
Total ICU				0.47		0.38

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	1	*
NBT	0		115		144	
NBR	0		34		41	
SBL	0		395		664	
SBT	0		150	*	126	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		40		34	
WBT	0		0	*	0	*
WBR	0		629		416	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

593 - Alton Pkwy. @ Fairbanks
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	7	0.00*	3	0.00
NBT	3	5100	501	0.11	1310	0.27*
NBR	0		70		58	
SBL	1	1700	4	0.00	1	0.00*
SBT	3	5100	1698	0.34*	578	0.11
SBR	0		45		7	
EBL	1	1700	21	0.01	39	0.02
EBT	1	1700	5	0.01*	8	0.01*
EBR	0		5		9	
WBL	1	1700	32	0.02*	41	0.02*
WBT	1	1700	8	0.01	5	0.00
WBR	0		1		3	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.42		0.35

595 - Skyhawk @ Great Park Blvd
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		1		2	
NBT	2	3400	3	0.00*	9	0.00*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	0		3		4	
SBR	0		20		192	
EBL	0		19		164	
EBT	2	3400	0	0.01*	0	0.05*
EBR	0		2		3	
WBL	0		0	*	0	*
WBT	2	3400	0		0	
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.06		0.10

637 - Sterling @ Muirlands Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		1	*	0	*
NBT	0		5		0	
NBR	0		1		0	
SBL	0		2		23	
SBT	1	1700	4	0.01*	0	0.05*
SBR	0		12		56	
EBL	1	1700	50	0.03*	5	0.00
EBT	2	3400	500	0.15	743	0.22*
EBR	0		1		0	
WBL	0		0		1	*
WBT	2	3400	473	0.14*	321	0.10
WBR	0		16		10	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.23		0.32

640 - Thomas @ Muirlands Bl.
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03*	41	0.02*
NBT	1	1700	32	0.02	4	0.00
NBR	D	1700	6	0.00	16	0.01
SBL	1	1700	6	0.00	33	0.02
SBT	1	1700	15	0.01*	74	0.04*
SBR	D	1700	4	0.00	18	0.01
EBL	1	1700	29	0.02*	3	0.00
EBT	2	3400	348	0.10	629	0.19*
EBR	D	1700	75	0.04	104	0.06
WBL	1	1700	8	0.00	5	0.00*
WBT	2	3400	429	0.13*	223	0.07
WBR	D	1700	22	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.30

641 - Thomas @ Rockfield
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		116		314	
SBT	1	1700	0	0.07*	0	0.18*
SBR	D	1700	4	0.00	2	0.00
EBL	1	1700	1	0.00*	5	0.00*
EBT	2	3400	3	0.00	10	0.00
EBR	0		0		0	
WBL	0		0		0	
WBT	1	1700	8	0.00*	10	0.01*
WBR	1	1700	201	0.12	50	0.03
Adjustment			WBR	0.07		
Overlaps				Clearance		0.05
Total ICU				0.19		0.24

655 - Ridge Valley @ Corsair
Existing Base-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	17	0.01*	47	0.03
NBT	2	3400	67	0.02	408	0.13*
NBR	0		8		45	
SBL	1	1700	6	0.00	15	0.01*
SBT	2	3400	320	0.09*	137	0.04
SBR	D	1700	4	0.00	2	0.00
EBL	1	1700	1	0.00	1	0.00
EBT	1	1700	0	0.06*	2	0.02*
EBR	0		108		31	
WBL	1	1700	53	0.03*	97	0.06*
WBT	1	1700	0		2	0.00
WBR	1	1700	1	0.00	14	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.27

581 - Lynx @ Irvine Bl.
Existing Base-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	127	0.07*	42	0.02*
NBT	0		0		0	
NBR	1	1700	188	0.11	90	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1290	0.25*	971	0.19
EBR	1	1700	154	0.09	47	0.03
WBL	1	1700	90	0.05*	126	0.07
WBT	3	5100	718	0.14	1658	0.33*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.40

ITAM ICU Intersection Report
Short-Term Approved Baseline

16 - Newport Av. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06*	137	0.08
NBT	3	5100	459	0.09	809	0.16*
NBR	1	1700	187	0.11	315	0.19
SBL	1	1700	144	0.08	97	0.06*
SBT	3	5100	1217	0.24*	494	0.10
SBR	D	1700	196	0.12	233	0.14
EBL	2	3400	105	0.03	201	0.06*
EBT	3	5100	778	0.15*	913	0.18
EBR	D	1700	53	0.03	90	0.05
WBL	2	3400	298	0.09*	137	0.04
WBT	3	5100	932	0.18	824	0.16*
WBR	D	1700	19	0.01	14	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.59 0.49

34 - Red Hill Av. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	648	0.19
NBT	1	1700	169	0.10	360	0.21*
NBR	1	1700	105	0.06	109	0.06
SBL	2	3400	190	0.06	127	0.04*
SBT	2	3400	381	0.11*	185	0.05
SBR	D	1700	115	0.07	65	0.04
EBL	1	1700	40	0.02	76	0.04*
EBT	3	5100	995	0.25*	1258	0.29
EBR	0		276		220	
WBL	1	1700	174	0.10*	234	0.14
WBT	3	5100	1483	0.31	2100	0.43*
WBR	0		84		104	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.77

54 - Browning Av. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	95	0.06*	100	0.06*
NBT	1	1700	97	0.06	36	0.02
NBR	1	1700	38	0.02	39	0.02
SBL	0		36		18	
SBT	1	1700	60	0.06*	13	0.02*
SBR	D	1700	71	0.04	28	0.02
EBL	1	1700	48	0.03*	25	0.01*
EBT	2	3400	1395	0.41	1311	0.39
EBR	D	1700	114	0.07	51	0.03
WBL	1	1700	41	0.02	52	0.03
WBT	2	3400	1633	0.48*	2008	0.59*
WBR	D	1700	37	0.02	34	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.73

91 - Tustin Ranch Rd. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	168	0.05*	498	0.15*
NBT	3	5100	434	0.09	757	0.15
NBR	1	1700	177	0.10	295	0.17
SBL	2	3400	264	0.08	117	0.03
SBT	3	5100	1128	0.22*	376	0.07*
SBR	1	1700	417	0.25	251	0.15
EBL	2	3400	169	0.05*	250	0.07*
EBT	3	5100	863	0.17	902	0.18
EBR	1	1700	411	0.24	211	0.12
WBL	2	3400	309	0.09	119	0.04
WBT	3	5100	1139	0.22*	1332	0.26*
WBR	1	1700	177	0.10	240	0.14

Adjustment EBR 0.02 SBR 0.01
Overlaps N S Clearance 0.05

Total ICU 0.61 0.61

123 - Jamboree Rd. @ Tustin Ranch Rd.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	117	0.07*	36	0.02
NBT	2	3400	315	0.09	2030	0.60*
NBR	1	1700	15	0.01	5	0.00
SBL	1	1700	13	0.01	0	*
SBT	2	3400	2091	0.62*	495	0.15
SBR	1	1700	213	0.13	41	0.02
EBL	2	3400	60	0.02*	224	0.07*
EBT	1	1700	13	0.01	2	0.00
EBR	1	1700	27	0.02	9	0.01
WBL	1	1700	12	0.01	44	0.03
WBT	1	1700	3	0.00*	24	0.01*
WBR	1	1700	6	0.00	31	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.76 0.73

124 - Jamboree Rd. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	34	0.01*	82	0.02
NBT	3	5100	208	0.04	997	0.20*
NBR	F		129		185	
SBL	2	3400	643	0.19	260	0.08*
SBT	3	5100	1212	0.24*	380	0.07
SBR	D	1700	9	0.01	9	0.01
EBL	1	1700	10	0.01	22	0.01*
EBT	2	3400	203	0.06*	245	0.07
EBR	D	1700	56	0.03	78	0.05
WBL	1	1700	181	0.11*	194	0.11
WBT	2	3400	336	0.10	634	0.19*
WBR	2	3400	203	0.06	1132	0.33

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.47 0.61

125 - Jamboree Rd. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	183	0.05*	464	0.14
NBT	3	5100	482	0.09	1482	0.29*
NBR	1	1700	127	0.07	433	0.25
SBL	2	3400	296	0.09	197	0.06*
SBT	3	5100	2162	0.42*	749	0.15
SBR	F		151		78	
EBL	2	3400	131	0.04	249	0.07*
EBT	3	5100	806	0.16*	1007	0.20
EBR	1	1700	363	0.21	291	0.17
WBL	2	3400	576	0.17*	308	0.09
WBT	3	5100	1097	0.22	1393	0.27*
WBR	D	1700	192	0.11	333	0.20
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.86		0.74

126 - Jamboree Rd. @ Bryan Av.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	347	0.10
NBT	4	6800	524	0.08	2149	0.32*
NBR	1	1700	80	0.05	424	0.25
SBL	2	3400	116	0.03	153	0.05*
SBT	4	6800	2331	0.34*	981	0.14
SBR	D	1700	88	0.05	205	0.12
EBL	2	3400	78	0.02	199	0.06*
EBT	2	3400	237	0.07*	392	0.12
EBR	D	1700	217	0.13	177	0.10
WBL	2	3400	445	0.13*	316	0.09
WBT	2	3400	352	0.10	780	0.23*
WBR	1	1700	74	0.04	240	0.14
Adjustment			EBR	0.04		
Overlaps					Clearance	0.05
Total ICU				0.65		0.71

127 - Jamboree Rd. @ El Camino Real
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05*	672	0.20
NBT	4	6800	674	0.10	2540	0.37*
NBR	1	1700	606	0.36	380	0.22
SBL	1	1700	217	0.13	77	0.05*
SBT	4	6800	2745	0.40*	1019	0.15
SBR	1	1700	89	0.05	264	0.16
EBL	1	1700	55	0.03	276	0.16*
EBT	1	1700	172	0.10*	165	0.10
EBR	2	3400	279	0.08	340	0.10
WBL	2	3400	456	0.13*	486	0.14
WBT	2	3400	127	0.06	332	0.16*
WBR	0		92		196	
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.73		0.79

128 - Jamboree Rd. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1109	0.16	2684	0.39*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2934	0.43*	1519	0.22
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1040	0.31*	428	0.25*
WBT	0		0		0	
WBR	1.5	1700	343	0.20	1067	0.31
Adjustment					WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.79		0.75

129 - Jamboree Rd. @ I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1152	0.17	2404	0.35*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3172	0.47*	1456	0.21
SBR	F		0		0	
EBL	2	3400	438	0.13*	577	0.17*
EBT	0		0		0	
EBR	2	3400	689	0.20	576	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.72		0.57

131 - Jamboree Rd. SB @ Walnut Av.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	344	0.10	316	0.09
SBT	2	3400	788	0.23*	462	0.14*
SBR	1	1700	402	0.24	189	0.11
EBL	0		0		0	
EBT	3	5100	337	0.07*	715	0.14*
EBR	1	1700	204	0.12	429	0.25
WBL	2	3400	362	0.11*	336	0.10*
WBT	3	5100	596	0.12	1044	0.20
WBR	0		0		0	
Adjustment			EBR	0.05	EBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.51		0.54

132 - Jamboree Rd. NB @ Walnut Av.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	279	0.08	397	0.12
NBT	2	3400	353	0.10*	559	0.16*
NBR	D	1700	174	0.10	521	0.31
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	86	0.03*	271	0.08*
EBT	3	5100	584	0.11	766	0.15
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	685	0.13*	1007	0.20*
WBR	1	1700	299	0.18	380	0.22
Adjustment			WBR	0.05	Multi	0.07
Overlaps					Clearance	0.05
Total ICU				0.36		0.56

133 - Jamboree Rd. @ Edinger Av.
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	79	0.02	257	0.08
NBT	0		0	*	0	*
NBR	1	1700	71	0.04	218	0.13
SBL	2	3400	274	0.08*	281	0.08*
SBT	0		0		0	
SBR	F		654		422	
EBL	2	3400	243	0.07*	507	0.15*
EBT	3	5100	704	0.16	1007	0.22
EBR	0		93		123	
WBL	2	3400	229	0.07	149	0.04
WBT	3	5100	1017	0.20*	1355	0.27*
WBR	1	1700	275	0.16	263	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.55

135 - Jamboree Rd. NB @ Warner Av.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		15		11	
SBT	1	1700	0	0.01*	0	0.01*
SBR	1	1700	24	0.01	130	0.08
EBL	1	1700	276	0.16*	691	0.41*
EBT	2	3400	510	0.15	850	0.25
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	409	0.12*	774	0.23*
WBR	D	1700	218	0.13	348	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.70

136 - Jamboree Rd. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	172	0.05*	484	0.14
NBT	5	8500	817	0.10	3112	0.37*
NBR	1	1700	107	0.06	121	0.07
SBL	2	3400	360	0.11	270	0.08*
SBT	4	6800	2917	0.43*	1236	0.18
SBR	F		1437		486	
EBL	3	5100	226	0.04	1039	0.20*
EBT	2	3400	417	0.12*	586	0.17
EBR	1	1700	140	0.08	232	0.14
WBL	2	3400	154	0.05*	99	0.03
WBT	3	5100	611	0.12	676	0.13*
WBR	F		179		576	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.83

157 - SR-261 SB Ramps @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	99	0.06*	67	0.04*
SBT	0		0		0	
SBR	2	3400	32	0.01	36	0.01
EBL	0		0		0	*
EBT	3	5100	892	0.17*	705	0.14
EBR	1	1700	109	0.06	40	0.02
WBL	2	3400	187	0.06*	70	0.02
WBT	3	5100	645	0.13	1952	0.38*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.47

158 - SR-261 NB Ramps @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	20	0.01*	101	0.06*
NBT	0		0		0	
NBR	0.5	1700	40	0.02	173	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	37	0.01	27	0.01*
EBT	3	5100	936	0.18*	744	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	836	0.16	1899	0.37*
WBR	1	1700	94	0.06	99	0.06
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.25		0.49

159 - SR-261 SB Ramps @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	40	0.01*	60	0.02*
SBT	0		0		0	
SBR	1	1700	189	0.11	51	0.03
EBL	0		0	*	0	*
EBT	3	5100	947	0.19	1384	0.27
EBR	D	1700	74	0.04	27	0.02
WBL	2	3400	351	0.10	124	0.04
WBT	3	5100	1588	0.31*	1987	0.39*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.47		0.47

160 - SR-261 NB Ramps @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	9	0.01*	166	0.10*
NBT	0		1		1	
NBR	1.5	3400	47	0.01	343	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	34	0.02*	82	0.05*
EBT	3	5100	827	0.16	1190	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1546	0.30*	1886	0.37*
WBR	1	1700	73	0.04	66	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.57

218 - Culver Dr. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	140	0.04*	330	0.10*
NBT	2	3400	152	0.04	239	0.07
NBR	1	1700	201	0.12	199	0.12
SBL	2	3400	86	0.03	90	0.03
SBT	2	3400	304	0.09*	247	0.07*
SBR	1	1700	141	0.08	116	0.07
EBL	2	3400	95	0.03	135	0.04*
EBT	3	5100	649	0.13*	420	0.08
EBR	1	1700	231	0.14	161	0.09
WBL	2	3400	205	0.06*	184	0.05
WBT	3	5100	500	0.10	1490	0.29*
WBR	1	1700	48	0.03	89	0.05
Adjustment						
Overlaps	N S E			Clearance		0.05
Total ICU				0.37		0.55

220 - Culver Dr. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	374	0.11
NBT	3	5100	417	0.08	1057	0.21*
NBR	1	1700	185	0.11	421	0.25
SBL	2	3400	174	0.05	172	0.05*
SBT	3	5100	1145	0.22*	626	0.12
SBR	D	1700	169	0.10	151	0.09
EBL	2	3400	73	0.02	197	0.06*
EBT	3	5100	530	0.10*	736	0.14
EBR	D	1700	229	0.13	162	0.10
WBL	2	3400	502	0.15*	270	0.08
WBT	3	5100	874	0.17	1413	0.28*
WBR	D	1700	54	0.03	134	0.08
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.56		0.65

221 - Culver Dr. @ Bryan Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	199	0.06*	617	0.18
NBT	3	5100	645	0.13	1766	0.35*
NBR	1	1700	178	0.10	381	0.22
SBL	2	3400	76	0.02	74	0.02*
SBT	3	5100	1844	0.36*	946	0.19
SBR	D	1700	203	0.12	129	0.08
EBL	2	3400	109	0.03	175	0.05*
EBT	1.5	2550	224	0.10*	437	0.16
EBR	1.5	2550	283	0.10	399	0.16
WBL	2	3400	361	0.11*	203	0.06
WBT	2	3400	335	0.13	543	0.18*
WBR	0		92		84	
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.68		0.65

222 - Culver Dr. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	792	0.16	2241	0.44*
NBR	F		703		961	
SBL	1	1700	104	0.06	117	0.07*
SBT	3	5100	2076	0.41*	1265	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	704	0.21*	636	0.19*
WBT	0		0		0	
WBR	2	3400	230	0.07	669	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.75

223 - Culver Dr. @ I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	971	0.14	2074	0.31*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2133	0.42*	1497	0.29
SBR	F		0		0	
EBL	3	5100	548	0.11*	1121	0.22*
EBT	0		0		0	
EBR	2	3400	439	0.13	728	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.60		0.58

224 - Culver Dr. @ Walnut Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	123	0.04*	218	0.06
NBT	3	5100	787	0.15	1530	0.30*
NBR	1	1700	324	0.19	345	0.20
SBL	2	3400	138	0.04	279	0.08*
SBT	3	5100	1696	0.33*	1233	0.24
SBR	1	1700	378	0.22	366	0.22
EBL	2	3400	297	0.09*	509	0.15*
EBT	2	3400	433	0.13	611	0.18
EBR	1	1700	165	0.10	106	0.06
WBL	2	3400	408	0.12	315	0.09
WBT	2	3400	569	0.17*	674	0.20*
WBR	1	1700	235	0.14	233	0.14
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.68		0.78

226 - Culver Dr. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	240	0.07*	344	0.10*
NBT	4	6800	753	0.11	1432	0.21
NBR	F		379		438	
SBL	2	3400	173	0.05	186	0.05
SBT	4	6800	1821	0.27*	1187	0.17*
SBR	1	1700	188	0.11	179	0.11
EBL	2	3400	115	0.03	187	0.06*
EBT	3	5100	811	0.16*	754	0.15
EBR	F		312		352	
WBL	2	3400	438	0.13*	307	0.09
WBT	3	5100	896	0.18	1723	0.34*
WBR	F		127		172	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.72

227 - Culver Dr. @ Warner Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	39	0.02*	102	0.06
NBT	3	5100	892	0.17	2145	0.42*
NBR	1	1700	79	0.05	154	0.09
SBL	1	1700	103	0.06	104	0.06*
SBT	3	5100	2301	0.45*	1622	0.32
SBR	D	1700	125	0.07	177	0.10
EBL	2	3400	166	0.05	140	0.04
EBT	2	3400	178	0.05*	163	0.05*
EBR	D	1700	127	0.07	122	0.07
WBL	1	1700	165	0.10*	78	0.05*
WBT	2	3400	211	0.06	142	0.04
WBR	D	1700	184	0.11	131	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.67		0.63

228 - Culver Dr. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	131	0.04*	155	0.05
NBT	3	5100	732	0.14	1705	0.33*
NBR	1	1700	290	0.17	309	0.18
SBL	2	3400	440	0.13	275	0.08*
SBT	3	5100	1893	0.37*	1324	0.26
SBR	F		290		237	
EBL	2	3400	131	0.04*	443	0.13*
EBT	2	3400	582	0.17	737	0.22
EBR	1	1700	180	0.11	213	0.13
WBL	2	3400	212	0.06	252	0.07
WBT	2	3400	664	0.20*	745	0.22*
WBR	D	1700	129	0.08	268	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.81

229 - Culver Dr. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	132	0.04*	198	0.06
NBT	4	6800	1002	0.15	1980	0.29*
NBR	1	1700	260	0.15	404	0.24
SBL	2	3400	120	0.04	230	0.07*
SBT	3	5100	1862	0.37*	1192	0.23
SBR	F		301		323	
EBL	2	3400	144	0.04*	274	0.08
EBT	3	5100	442	0.12	863	0.21*
EBR	0		180		206	
WBL	2	3400	311	0.09	272	0.08*
WBT	2	3400	672	0.20*	694	0.20
WBR	1	1700	204	0.12	254	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.70

232 - Culver Dr. @ I-405 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1374	0.27	2356	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1716	0.34*	1406	0.28
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	587	0.17*	464	0.14*
WBT	0		0		0	
WBR	1	1700	155	0.09	307	0.18
Adjustment					WBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.56		0.69

233 - Culver Dr. @ I-405 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1472	0.29	1706	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1896	0.37*	1490	0.29
SBR	F		0		0	
EBL	1.5	2550	652	0.20*	929	0.27*
EBT	0		0		0	
EBR	1.5	2550	385	0.20	408	0.24
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.65

235 - Culver Dr. @ University Dr.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	53	0.02*
NBT	4	6800	1048	0.15	1367	0.20
NBR	2	3400	695	0.20	878	0.26
SBL	2	3400	73	0.02	56	0.02
SBT	3	5100	1188	0.23*	1093	0.21*
SBR	D	1700	369	0.22	143	0.08
EBL	2	3400	63	0.02	237	0.07
EBT	3	5100	917	0.18*	1234	0.24*
EBR	D	1700	47	0.03	60	0.04
WBL	2	3400	761	0.22*	666	0.20*
WBT	3	5100	1340	0.28	624	0.13
WBR	0		80		56	
Adjustment						
Overlaps	N				Clearance	0.05
Total ICU				0.70		0.72

243 - Yale Av. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	73	0.04	61	0.04
NBT	2	1700	110	0.06*	52	0.03*
NBR	0	1700	168	0.10	109	0.06
SBL	1	1700	85	0.05*	71	0.04*
SBT	1	1700	72	0.04	51	0.03
SBR	D	1700	108	0.06	108	0.06
EBL	1	1700	103	0.06	87	0.05*
EBT	3	5100	736	0.14*	527	0.10
EBR	D	1700	75	0.04	78	0.05
WBL	1	1700	207	0.12*	158	0.09
WBT	3	5100	622	0.12	1595	0.31*
WBR	D	1700	96	0.06	83	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.48

249 - Yale Av. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	102	0.06	195	0.11
NBT	2	3400	266	0.08*	293	0.09*
NBR	D	1700	108	0.06	117	0.07
SBL	1	1700	279	0.16*	172	0.10*
SBT	2	3400	392	0.12	159	0.05
SBR	D	1700	335	0.20	134	0.08
EBL	1	1700	113	0.07*	245	0.14*
EBT	3	5100	645	0.14	963	0.21
EBR	0		83		122	
WBL	1	1700	127	0.07	94	0.06
WBT	3	5100	880	0.21*	1431	0.33*
WBR	0		190		249	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.71

252 - Yale Av. @ Bryan Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	66	0.04*	175	0.10*
NBT	2	3400	235	0.07	372	0.11
NBR	D	1700	38	0.02	42	0.02
SBL	1	1700	24	0.01	34	0.02
SBT	2	3400	374	0.11*	296	0.09*
SBR	D	1700	58	0.03	79	0.05
EBL	1	1700	40	0.02*	129	0.08*
EBT	2	3400	197	0.06	446	0.13
EBR	D	1700	72	0.04	111	0.07
WBL	1	1700	47	0.03	34	0.02
WBT	2	3400	366	0.11*	535	0.16*
WBR	D	1700	19	0.01	43	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.48

255 - Yale Av. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	129	0.08*	97	0.06
NBT	2	3400	297	0.09	620	0.18*
NBR	D	1700	99	0.06	180	0.11
SBL	1	1700	151	0.09	97	0.06*
SBT	2	3400	412	0.12*	349	0.10
SBR	D	1700	213	0.13	71	0.04
EBL	1	1700	52	0.03	159	0.09*
EBT	2	3400	253	0.07*	371	0.11
EBR	D	1700	50	0.03	105	0.06
WBL	1	1700	135	0.08*	82	0.05
WBT	2	3400	385	0.11	339	0.10*
WBR	D	1700	68	0.04	155	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.48

259 - Yale Av. @ Walnut Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	173	0.05	117	0.03
NBT	2	3400	218	0.10*	443	0.16*
NBR	0		126		86	
SBL	1	1700	112	0.07*	94	0.06*
SBT	2	3400	320	0.09	252	0.07
SBR	1	1700	393	0.23	261	0.15
EBL	1	1700	237	0.14*	511	0.30*
EBT	2	3400	482	0.14	424	0.12
EBR	D	1700	166	0.10	140	0.08
WBL	1	1700	61	0.04	77	0.05
WBT	2	3400	382	0.11*	632	0.19*
WBR	D	1700	53	0.03	238	0.14
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.47		0.76

261 - Yale Av. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	181	0.11*	116	0.07*
NBT	2	3400	156	0.05	193	0.06
NBR	D	1700	210	0.12	81	0.05
SBL	1	1700	216	0.13	96	0.06
SBT	2	3400	231	0.07*	165	0.05*
SBR	D	1700	423	0.25	148	0.09
EBL	2	3400	193	0.06	355	0.10*
EBT	3	5100	1053	0.23*	845	0.20
EBR	0		125		173	
WBL	1	1700	91	0.05*	117	0.07
WBT	3	5100	782	0.15	1814	0.36*
WBR	1	1700	117	0.07	259	0.15
Adjustment				Multi	0.11	
Overlaps				Clearance		0.05
Total ICU				0.62		0.63

264 - W. Yale Lp. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	117	0.07*	98	0.06
NBT	2	3400	136	0.04	173	0.05*
NBR	D	1700	92	0.05	57	0.03
SBL	1	1700	151	0.09	79	0.05*
SBT	2	3400	209	0.06*	101	0.03
SBR	D	1700	180	0.11	91	0.05
EBL	2	3400	71	0.02	144	0.04*
EBT	2	3400	1027	0.30*	1064	0.31
EBR	D	1700	75	0.04	53	0.03
WBL	1	1700	71	0.04*	37	0.02
WBT	2	3400	719	0.23	1100	0.36*
WBR	0		72		137	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.55

267 - E. Yale Lp. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	70	0.04	96	0.06
NBT	2	3400	138	0.04*	229	0.07*
NBR	D	1700	190	0.11	152	0.09
SBL	1	1700	363	0.21*	154	0.09*
SBT	2	3400	355	0.10	156	0.05
SBR	D	1700	167	0.10	87	0.05
EBL	1	1700	95	0.06*	147	0.09*
EBT	2	3400	623	0.18	890	0.26
EBR	D	1700	68	0.04	102	0.06
WBL	1	1700	137	0.08	85	0.05
WBT	2	3400	811	0.24*	935	0.28*
WBR	D	1700	218	0.13	332	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.58

268 - W. Yale Loop @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	167	0.10*	98	0.06*
NBT	2	3400	212	0.06	143	0.04
NBR	D	1700	279	0.16	180	0.11
SBL	1	1700	42	0.02	33	0.02
SBT	2	3400	165	0.05*	113	0.03*
SBR	D	1700	123	0.07	94	0.06
EBL	1	1700	69	0.04*	50	0.03
EBT	2	3400	694	0.20	1264	0.37*
EBR	D	1700	77	0.05	164	0.10
WBL	1	1700	75	0.04	181	0.11*
WBT	2	3400	928	0.27*	1028	0.30
WBR	D	1700	78	0.05	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.62

271 - E. Yale Lp. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	163	0.10	100	0.06*
NBT	2	3400	303	0.09*	148	0.04
NBR	D	1700	547	0.32	229	0.13
SBL	2	3400	169	0.05*	145	0.04
SBT	2	3400	145	0.04	139	0.04*
SBR	D	1700	130	0.08	90	0.05
EBL	1	1700	116	0.07*	162	0.10
EBT	2	3400	795	0.28	1074	0.36*
EBR	0		153		143	
WBL	2	3400	195	0.06	370	0.11*
WBT	2	3400	924	0.27*	1000	0.29
WBR	D	1700	136	0.08	110	0.06
Adjustment			NBR	0.18		
Overlaps					Clearance	0.05
Total ICU				0.71		0.62

282 - Jeffrey Rd. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	472	0.14*	699	0.21*
NBT	2	3400	0		0	
NBR	1	1700	105	0.06	127	0.07
SBL	2	3400	0		0	
SBT	3	5100	0	*	0	*
SBR	0		0		0	
EBL	2	3400	0		0	*
EBT	3	5100	786	0.15*	560	0.11
EBR	1	1700	671	0.39	259	0.15
WBL	2	3400	148	0.04*	112	0.03
WBT	3	5100	782	0.15	1325	0.26*
WBR	D	1700	0		0	
Adjustment			EBR	0.10		
Overlaps		E			Clearance	0.05
Total ICU				0.48		0.52

283 - Jeffrey Rd. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	141	0.04*	421	0.12
NBT	3	5100	406	0.08	851	0.17*
NBR	F		229		429	
SBL	2	3400	163	0.05	75	0.02*
SBT	3	5100	697	0.14*	324	0.06
SBR	1	1700	133	0.08	80	0.05
EBL	2	3400	61	0.02	139	0.04*
EBT	3	5100	680	0.13*	802	0.16
EBR	D	1700	198	0.12	188	0.11
WBL	2	3400	452	0.13*	261	0.08
WBT	3	5100	868	0.17	1381	0.27*
WBR	D	1700	123	0.07	153	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.55

284 - Jeffrey Rd. @ Bryan Av.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	494	0.15
NBT	3	5100	598	0.12	1492	0.29*
NBR	D	1700	90	0.05	341	0.20
SBL	2	3400	31	0.01	42	0.01*
SBT	3	5100	1171	0.23*	646	0.13
SBR	1	1700	135	0.08	116	0.07
EBL	1	1700	117	0.07*	132	0.08*
EBT	2	3400	95	0.03	197	0.06
EBR	D	1700	178	0.10	153	0.09
WBL	2	3400	342	0.10	151	0.04
WBT	1	1700	160	0.09*	159	0.09*
WBR	D	1700	86	0.05	51	0.03
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.48		0.52

285 - Jeffrey Rd. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	223	0.07
NBT	3	5100	593	0.12	2035	0.40*
NBR	1	1700	176	0.10	289	0.17
SBL	2	3400	369	0.11	84	0.02*
SBT	3	5100	1374	0.27*	797	0.16
SBR	1	1700	157	0.09	113	0.07
EBL	2	3400	91	0.03	220	0.06*
EBT	2	3400	317	0.09*	305	0.09
EBR	1	1700	153	0.09	117	0.07
WBL	2	3400	266	0.08*	235	0.07
WBT	2	3400	300	0.09	383	0.11*
WBR	1	1700	97	0.06	178	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.64

286 - Jeffrey Rd. @ Roosevelt
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	196	0.06*	495	0.15
NBT	4	6800	508	0.07	2280	0.34*
NBR	1	1700	206	0.12	587	0.35
SBL	1	1700	61	0.04	85	0.05*
SBT	3	5100	1651	0.32*	880	0.17
SBR	D	1700	56	0.03	134	0.08
EBL	1	1700	40	0.02	172	0.10
EBT	1	1700	102	0.06*	167	0.10*
EBR	1	1700	357	0.21	405	0.24
WBL	2	3400	829	0.24*	255	0.08*
WBT	1	1700	172	0.10	118	0.07
WBR	1	1700	298	0.18	119	0.07
Adjustment			EBR	0.09		
Overlaps		E			Clearance	0.05
Total ICU				0.82		0.62

287 - Jeffrey Rd. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	638	0.13	2338	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2055	0.40*	1187	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	852	0.25*	655	0.29*
WBT	0		0		0	
WBR	1.5	1700	329	0.19	835	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.80

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	82	0.02*	293	0.09*
NBT	3	5100	653	0.13	1528	0.30
NBR	1	1700	218	0.13	304	0.18
SBL	2	3400	618	0.18	323	0.10
SBT	3	5100	2149	0.47*	1161	0.34*
SBR	0		246		651	0.38
EBL	2	3400	133	0.04	293	0.09
EBT	1.5	2550	477	0.14*	303	0.10*
EBR	1.5	2550	253	0.14	187	0.10
WBL	2	3400	299	0.09*	678	0.20*
WBT	1	1700	27	0.02	249	0.15
WBR	2	3400	143	0.04	901	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.77		0.78

289 - Jeffrey Rd. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	136	0.04*	304	0.09
NBT	3	5100	600	0.12	1452	0.28*
NBR	1	1700	172	0.10	178	0.10
SBL	2	3400	210	0.06	128	0.04*
SBT	3	5100	1847	0.36*	1029	0.20
SBR	1	1700	345	0.20	420	0.25
EBL	2	3400	200	0.06	238	0.07*
EBT	3	5100	1038	0.20*	549	0.11
EBR	F		247		168	
WBL	2	3400	159	0.05*	116	0.03
WBT	3	5100	507	0.10	1446	0.28*
WBR	1	1700	142	0.08	280	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.72

290 - Jeffrey Rd. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05*	231	0.07*
NBT	3	5100	903	0.21	1365	0.30
NBR	0		188		160	
SBL	2	3400	73	0.02	97	0.03
SBT	3	5100	1717	0.40*	1201	0.29*
SBR	0		340		275	
EBL	2	3400	304	0.09*	422	0.12*
EBT	2	3400	611	0.18	555	0.16
EBR	D	1700	283	0.17	228	0.13
WBL	2	3400	137	0.04	384	0.11
WBT	2	3400	640	0.19*	836	0.25*
WBR	1	1700	55	0.03	142	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.78

291 - Jeffrey Rd. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	355	0.10*	431	0.13*
NBT	3	5100	877	0.17	1265	0.25
NBR	1	1700	224	0.13	324	0.19
SBL	2	3400	158	0.05	283	0.08
SBT	3	5100	1882	0.37*	1305	0.26*
SBR	D	1700	124	0.07	234	0.14
EBL	2	3400	226	0.07*	239	0.07*
EBT	2	3400	735	0.22	883	0.26
EBR	D	1700	575	0.34	349	0.21
WBL	3	5100	410	0.08	387	0.08
WBT	2	3400	816	0.24*	911	0.27*
WBR	D	1700	98	0.06	125	0.07
Adjustment			EBR	0.03		
Overlaps	N			Clearance		0.05
Total ICU				0.86		0.78

293 - Jeffrey Rd. @ I-405 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	923	0.18	1611	0.32*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1758	0.34*	1295	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1334	0.39*	1009	0.30*
WBT	0		0		0	
WBR	1	1700	111	0.07	379	0.22
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.67

294 - University Dr. @ I-405 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1147	0.22	1529	0.30
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2686	0.53*	2036	0.40*
SBR	F		0		0	
EBL	2	3400	199	0.06*	268	0.08*
EBT	0		0		0	
EBR	1	1700	128	0.08	99	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.66		0.53

300 - Sand Canyon Av. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	219	0.06*	745	0.22*
NBT	1	1700	2	0.00	1	0.00
NBR	1	1700	145	0.09	366	0.22
SBL	0		2		3	
SBT	1	1700	2	0.00*	1	0.01*
SBR	0		3		5	
EBL	1	1700	7	0.00	1	0.00*
EBT	2	3400	450	0.13*	418	0.12
EBR	F		431		211	
WBL	2	3400	387	0.11*	145	0.04
WBT	2	3400	608	0.18	586	0.17*
WBR	0		7		1	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.35		0.45

301 - Sand Canyon Av. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	108	0.03	185	0.05
NBT	3	5100	262	0.05*	695	0.14*
NBR	2	3400	388	0.11	434	0.13
SBL	2	3400	366	0.11*	203	0.06*
SBT	3	5100	581	0.11	301	0.06
SBR	D	1700	151	0.09	89	0.05
EBL	2	3400	74	0.02	190	0.06*
EBT	4	6800	941	0.14*	979	0.14
EBR	1	1700	130	0.08	83	0.05
WBL	2	3400	546	0.16*	402	0.12
WBT	3	5100	1030	0.20	1290	0.25*
WBR	1	1700	219	0.13	368	0.22
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.56

302 - Sand Canyon Av. @ Trabuco Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	39	0.01*	128	0.04
NBT	3	5100	499	0.10	1522	0.30*
NBR	F		485		619	
SBL	2	3400	145	0.04	149	0.04*
SBT	3	5100	1230	0.24*	600	0.12
SBR	1	1700	235	0.14	135	0.08
EBL	2	3400	173	0.05	140	0.04
EBT	3	5100	506	0.10*	370	0.07*
EBR	F		159		76	
WBL	2	3400	581	0.17*	334	0.10*
WBT	3	5100	482	0.09	523	0.10
WBR	D	1700	100	0.06	204	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.56

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	372	0.11*	519	0.15*
NBT	3	5100	662	0.13	1580	0.31
NBR	D	1700	0		0	
SBL	1	1700	0		17	0.01
SBT	3	5100	1667	0.33*	922	0.18*
SBR	1	1700	479	0.28	160	0.09
EBL	1.5	3400	255	0.08*	939	0.28*
EBT	0.5	0	0		0	
EBR	2	3400	540	0.16	403	0.12
WBL	1	1700	20	0.01*	0	
WBT	1	1700	0		4	0.00*
WBR	0		0		0	
Adjustment				EBR 0.01		
Overlaps					Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.66

304 - Sand Canyon Av. @ Old Marine Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	881	0.17	1978	0.39*
NBR	1	1700	464	0.27	747	0.44
SBL	2	3400	225	0.07	339	0.10*
SBT	3	5100	2066	0.41*	972	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	478	0.14*	383	0.11*
WBT	0		0		0	
WBR	1	1700	195	0.11	180	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.65

305 - Sand Canyon Av. @ I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	730	0.11*	1646	0.24*
NBR	1	1700	59	0.03	319	0.19
SBL	2	3400	714	0.21*	477	0.14*
SBT	4	6800	1939	0.29	870	0.13
SBR	0		0		0	
EBL	2.5	3400	537	0.16*	1054	0.21*
EBT	0		0		0	
EBR	1.5	3400	637	0.19	317	0.19
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.54		0.64

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	54	0.03
NBT	3	5100	459	0.09	1225	0.24*
NBR	1	1700	77	0.05	21	0.01
SBL	2	3400	609	0.18	72	0.02*
SBT	3	5100	1784	0.35*	707	0.14
SBR	D	1700	479	0.28	70	0.04
EBL	2	3400	55	0.02*	371	0.11*
EBT	1	1700	20	0.01	53	0.03
EBR	D	1700	31	0.02	72	0.04
WBL	2	3400	23	0.01	144	0.04
WBT	1	1700	50	0.03*	20	0.01*
WBR	F		80		502	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.43

307 - Sand Canyon Av. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	140	0.04*	171	0.05
NBT	3	5100	464	0.09	764	0.15*
NBR	1	1700	120	0.07	40	0.02
SBL	2	3400	328	0.10	159	0.05*
SBT	3	5100	1361	0.27*	656	0.13
SBR	1	1700	289	0.17	214	0.13
EBL	2	3400	160	0.05	204	0.06*
EBT	3	5100	730	0.14*	451	0.09
EBR	1	1700	96	0.06	101	0.06
WBL	2	3400	83	0.02*	165	0.05
WBT	3	5100	465	0.09	947	0.19*
WBR	1	1700	109	0.06	220	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.50

309 - Sand Canyon Av. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	106	0.03*	191	0.06*
NBT	3	5100	956	0.19	723	0.14
NBR	D	1700	110	0.06	112	0.07
SBL	2	3400	42	0.01	58	0.02
SBT	3	5100	1021	0.20*	949	0.19*
SBR	D	1700	123	0.07	265	0.16
EBL	2	3400	161	0.05	97	0.03*
EBT	2	3400	509	0.15*	451	0.13
EBR	1	1700	148	0.09	118	0.07
WBL	2	3400	192	0.06*	171	0.05
WBT	2	3400	535	0.16	749	0.22*
WBR	1	1700	104	0.06	55	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.55

310 - Sand Canyon Av. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	213	0.06	369	0.11*
NBT	3	5100	958	0.19*	534	0.10
NBR	1	1700	517	0.30	152	0.09
SBL	2	3400	184	0.05*	72	0.02
SBT	3	5100	874	0.17	1032	0.20*
SBR	1	1700	116	0.07	210	0.12
EBL	2	3400	163	0.05*	139	0.04
EBT	3	5100	668	0.13	673	0.13*
EBR	1	1700	292	0.17	325	0.19
WBL	2	3400	344	0.10	524	0.15*
WBT	2	3400	815	0.24*	822	0.24
WBR	1	1700	105	0.06	179	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.64

311 - Sand Canyon Av. @ I-405 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1535	0.45*	780	0.23
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	506	0.15	814	0.24*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	44	0.03*	137	0.08*
WBT	0		0		0	
WBR	1.5	2550	212	0.08	322	0.14
Adjustment			WBR	0.05	WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.58		0.42

312 - Sand Canyon Av. @ I-405 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	156	0.09	148	0.09*
NBT	2	3400	1157	0.34*	672	0.20
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	267	0.08	574	0.17*
SBR	F		0		0	
EBL	1.5	2550	1190	0.46*	431	0.23*
EBT	0		0		0	
EBR	0.5	850	379	0.46	351	0.23
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.85		0.54

313 - Laguna Canyon Rd. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	35	0.01	108	0.03*
NBT	2	3400	70	0.02*	73	0.02
NBR	D	1700	18	0.01	73	0.04
SBL	2	3400	35	0.01*	86	0.03
SBT	2	3400	63	0.02	59	0.02*
SBR	D	1700	14	0.01	42	0.02
EBL	2	3400	72	0.02	11	0.00*
EBT	3	5100	778	0.15*	645	0.13
EBR	D	1700	126	0.07	92	0.05
WBL	2	3400	77	0.02*	24	0.01
WBT	3	5100	736	0.14	1042	0.20*
WBR	D	1700	68	0.04	63	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.30

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	56	0.02*	94	0.03*
NBT	2	3400	99	0.03	80	0.02
NBR	D	1700	18	0.01	192	0.11
SBL	2	3400	19	0.01	69	0.02
SBT	2	3400	86	0.03*	101	0.03*
SBR	D	1700	23	0.01	143	0.08
EBL	2	3400	52	0.02*	28	0.01*
EBT	2	3400	485	0.14	536	0.16
EBR	1	1700	124	0.07	57	0.03
WBL	2	3400	166	0.05	52	0.02
WBT	2	3400	737	0.22*	706	0.21*
WBR	D	1700	53	0.03	59	0.03
Adjustment						Multi 0.06
Overlaps						Clearance 0.05
Total ICU				0.34		0.39

315 - Laguna Canyon Rd. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	193	0.11*	203	0.12*
NBT	2	3400	158	0.05	141	0.04
NBR	D	1700	67	0.04	110	0.06
SBL	1	1700	19	0.01	76	0.04
SBT	2	3400	121	0.04*	169	0.05*
SBR	D	1700	26	0.02	68	0.04
EBL	2	3400	91	0.03*	17	0.01*
EBT	2	3400	691	0.20	774	0.23
EBR	1	1700	214	0.13	172	0.10
WBL	2	3400	184	0.05	91	0.03
WBT	2	3400	1184	0.35*	918	0.27*
WBR	1	1700	46	0.03	30	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.50

316 - SR-133 SB Ramps @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	116	0.07*	268	0.16*
SBT	0		0		0	
SBR	2	3400	149	0.04	243	0.07
EBL	0		0		0	*
EBT	4	6800	1517	0.22*	1578	0.23
EBR	D	1700	265	0.16	116	0.07
WBL	2	3400	474	0.14*	177	0.05
WBT	3	5100	1518	0.30	2109	0.41*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.62

317 - SR-133 NB Ramps @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	199	0.12*	430	0.25*
NBT	0		0		0	
NBR	1	1700	16	0.01	242	0.14
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1614	0.32	1838	0.36
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1839	0.38*	1845	0.39*
WBR	0		105		138	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.69

318 - Banting @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01*	20	0.01
NBT	1	1700	18	0.01	101	0.06*
NBR	1	1700	11	0.01	92	0.05
SBL	2	3400	650	0.19	146	0.04*
SBT	2	1700	525	0.31*	156	0.09
SBR	0	1700	765	0.45	140	
EBL	1	1700	71	0.04*	230	0.14*
EBT	2	3400	449	0.13	812	0.24
EBR	D	1700	19	0.01	24	0.01
WBL	1	1700	19	0.01	16	0.01
WBT	2	3400	624	0.18*	584	0.17*
WBR	F		107		831	
Adjustment			SBR	0.11		
Overlaps					Clearance	0.05
Total ICU				0.70		0.46

319 - Banting @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00	12	0.01
NBT	1	1700	5	0.00*	43	0.03*
NBR	1	1700	13	0.01	65	0.04
SBL	2	3400	131	0.04*	128	0.04*
SBT	1	1700	66	0.04	5	0.00
SBR	1	1700	311	0.18	36	0.02
EBL	2	3400	23	0.01*	35	0.01
EBT	2	3400	571	0.17	1070	0.31*
EBR	D	1700	29	0.02	5	0.00
WBL	1	1700	50	0.03	7	0.00*
WBT	2	3400	1325	0.39*	874	0.26
WBR	D	1700	78	0.05	93	0.05
Adjustment			SBR	0.13	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.62		0.44

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	759	0.22*	244	0.07
NBT	3	5100	2280	0.45	2532	0.50*
NBR	1	1700	8	0.00	16	0.01
SBL	2	3400	60	0.02	117	0.03*
SBT	3	5100	1800	0.35*	2267	0.44
SBR	1	1700	531	0.31	452	0.27
EBL	3	5100	304	0.06*	402	0.08*
EBT	1	1700	58	0.03	54	0.03
EBR	F		151		509	
WBL	1	1700	10	0.01	8	0.00
WBT	2	3400	145	0.04*	28	0.01*
WBR	D	1700	113	0.07	83	0.05
Adjustment					WBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.72		0.69

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	794	0.23	926	0.27
NBR	1	1700	109	0.06	38	0.02
SBL	1	1700	134	0.08	272	0.16
SBT	2	3400	1470	0.43*	2213	0.65*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	114	0.07*	21	0.01*
WBT	0		0		0	
WBR	1.5	2550	1601	0.50	1005	0.30
Adjustment			WBR	0.28		
Overlaps					Clearance	0.05
Total ICU				0.83		0.71

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	826	0.24*	761	0.22*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	810	0.24	759	0.22
SBR	F		0		0	
EBL	0.5	1700	127	0.07*	196	0.12*
EBT	0		0		0	
EBR	1.5	1700	50	0.03	80	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.36		0.39

324 - Portola Pkwy. @ SR-241 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		12		27	
NBT	1	1700	0	0.01*	0	0.02*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1	1700	0		0	
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	272	0.08*	153	0.05*
WBT	0		0		0	
WBR	0.5	0	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.14		0.12

325 - Portola Pkwy. @ SR-241 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	9	0.01	11	0.01
NBR	1	1700	106	0.06	174	0.10
SBL	1	1700	3	0.00	2	0.00
SBT	2	3400	270	0.08*	157	0.05*
SBR	0		0		0	
EBL	0.5	850	9	0.01	18	0.01*
EBT	0		1	0.01*	2	
EBR	1.5	2550	27	0.01	5	0.00
WBL	0		0	*	0	
WBT	0		0		0	*
WBR	0		0		0	

Adjustment NBR 0.04
Overlaps Clearance 0.05

Total ICU 0.14 0.15

326 - Ada @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02*	60	0.04*
NBT	2	3400	74	0.02	73	0.02
NBR	D	1700	69	0.04	150	0.09
SBL	2	3400	63	0.02	107	0.03
SBT	1	1700	86	0.05*	115	0.07*
SBR	1	1700	16	0.01	62	0.04
EBL	1	1700	12	0.01*	43	0.03
EBT	2	3400	532	0.16	1147	0.34*
EBR	D	1700	147	0.09	49	0.03
WBL	1	1700	164	0.10	67	0.04*
WBT	2	3400	1139	0.34*	717	0.21
WBR	1	1700	43	0.03	38	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.47 0.54

327 - Barranca Pkwy. @ Technology
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	409	0.12*	56	0.02
NBT	2	3400	916	0.27	684	0.20*
NBR	1	1700	272	0.16	416	0.24
SBL	1	1700	74	0.04	148	0.09*
SBT	2	3400	753	0.22*	819	0.24
SBR	1	1700	165	0.10	40	0.02
EBL	2	3400	36	0.01*	193	0.06
EBT	2	3400	57	0.02	213	0.06*
EBR	D	1700	44	0.03	419	0.25
WBL	2	3400	166	0.05	379	0.11*
WBT	2	3400	290	0.09*	74	0.02
WBR	D	1700	91	0.05	78	0.05

Adjustment EBR 0.15
Overlaps Clearance 0.05

Total ICU 0.49 0.66

328 - Barranca Pkwy. @ I-5 HOV Ramp
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	7	0.00	45	0.03*
NBT	2	3400	1461	0.43*	1053	0.31
NBR	0		0		0	
SBL	0		0	*	0	
SBT	3	5100	903	0.18	1505	0.30*
SBR	D	1700	37	0.02	131	0.08
EBL	1	1700	196	0.12*	94	0.06*
EBT	0		0		0	
EBR	1	1700	18	0.01	15	0.01
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.44

329 - Barranca Pkwy. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04	33	0.01*
NBT	2	3400	872	0.26*	686	0.20
NBR	1	1700	75	0.04	151	0.09
SBL	2	3400	72	0.02*	190	0.06
SBT	2	3400	542	0.16	1042	0.31*
SBR	1	1700	328	0.19	338	0.20
EBL	2	3400	246	0.07*	300	0.09
EBT	3	5100	369	0.07	795	0.16*
EBR	1	1700	78	0.05	231	0.14
WBL	2	3400	160	0.05	216	0.06*
WBT	3	5100	1003	0.20*	648	0.13
WBR	1	1700	304	0.18	163	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.59

330 - Barranca Pkwy. @ Pacifica
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	204	0.12*	44	0.03*
NBT	2	3400	708	0.21	554	0.16
NBR	1	1700	284	0.17	461	0.27
SBL	1	1700	27	0.02	141	0.08
SBT	2	3400	566	0.17*	1214	0.36*
SBR	D	1700	170	0.10	18	0.01
EBL	2	3400	9	0.00*	103	0.03
EBT	2	1700	11	0.01	121	0.07*
EBR	0	1700	25	0.01	283	0.17
WBL	2	3400	206	0.06	238	0.07*
WBT	1	1700	198	0.12*	29	0.02
WBR	1	1700	368	0.22	176	0.10

Adjustment WBR 0.04 EBR 0.08
Overlaps Clearance 0.05

Total ICU 0.50 0.66

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	121	0.04	409	0.12*
NBT	2	3400	197	0.06*	205	0.06
NBR	D	1700	15	0.01	25	0.01
SBL	2	3400	107	0.03*	62	0.02
SBT	2	3400	149	0.04	127	0.04*
SBR	D	1700	36	0.02	441	0.26
EBL	1	1700	478	0.28*	171	0.10*
EBT	2	3400	388	0.11	70	0.02
EBR	1	1700	230	0.14	93	0.05
WBL	1	1700	11	0.01	9	0.01
WBT	1	1700	59	0.03*	166	0.10*
WBR	1	1700	60	0.04	130	0.08

Adjustment — SBR 0.14
Overlaps — Clearance 0.05

Total ICU — 0.45 — 0.55

335 - Alton Pkwy. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02	119	0.07
NBT	2	3400	30	0.01*	159	0.05*
NBR	F		341		582	
SBL	1	1700	185	0.11*	95	0.06*
SBT	2	3400	148	0.04	52	0.02
SBR	D	1700	3	0.00	3	0.00
EBL	2	3400	2	0.00	0	
EBT	2	3400	282	0.08*	121	0.04*
EBR	F		146		63	
WBL	2	3400	589	0.17*	270	0.08*
WBT	3	5100	108	0.02	186	0.04
WBR	F		85		153	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.42 — 0.28

336 - Alton Pkwy. @ SR-241 Ramps
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	160	0.09*	269	0.16*
NBT	3	5100	409	0.08	858	0.17
NBR	F		96		285	
SBL	1	1700	72	0.04	61	0.04
SBT	3	5100	729	0.14*	455	0.09*
SBR	F		285		216	
EBL	2	3400	182	0.05	244	0.07*
EBT	0		0	*	0	
EBR	F		452		134	
WBL	2	3400	358	0.11*	49	0.01
WBT	0		0		0	*
WBR	F		84		69	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.39 — 0.37

338 - Alton Pkwy. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	135	0.04*	430	0.13
NBT	3	5100	517	0.10	1178	0.23*
NBR	F		36		76	
SBL	2	3400	186	0.05	85	0.03*
SBT	3	5100	1387	0.27*	520	0.10
SBR	F		253		761	
EBL	2	3400	445	0.13*	312	0.09*
EBT	3	5100	529	0.10	405	0.08
EBR	1	1700	455	0.27	95	0.06
WBL	2	3400	131	0.04	63	0.02
WBT	3	5100	355	0.07*	615	0.12*
WBR	1	1700	42	0.02	155	0.09

Adjustment — EBR 0.08
Overlaps — Clearance 0.05

Total ICU — 0.64 — 0.52

339 - Alton Pkwy. @ Toledo Wy.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	65	0.04*	80	0.05
NBT	3	5100	642	0.13	1556	0.31*
NBR	F		85		201	
SBL	1	1700	91	0.05	55	0.03*
SBT	3	5100	1692	0.33*	709	0.14
SBR	0		10		12	
EBL	1	1700	22	0.01	6	0.00
EBT	1	1700	82	0.10*	50	0.06*
EBR	0		85		57	
WBL	1	1700	146	0.09*	65	0.04*
WBT	1	1700	61	0.04	52	0.03
WBR	1	1700	119	0.07	85	0.05

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.61 — 0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	20	0.01
NBT	3	5100	1004	0.20	1488	0.29*
NBR	F		247		385	
SBL	2	3400	157	0.05	81	0.02*
SBT	3	5100	1545	0.31*	1037	0.20
SBR	0		26		6	
EBL	1	1700	3	0.00	23	0.01
EBT	1	1700	7	0.00*	30	0.02*
EBR	F		13		62	
WBL	2	3400	396	0.12*	250	0.07*
WBT	1	1700	41	0.02	6	0.00
WBR	1	1700	111	0.07	110	0.06

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.51 — 0.45

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	7	0.00
NBT	3	5100	786	0.15	1008	0.20*
NBR	1	1700	226	0.13	347	0.20
SBL	2	3400	158	0.05	119	0.04*
SBT	3	5100	1059	0.21*	730	0.14
SBR	F		1033		571	
EBL	2	3400	494	0.15*	709	0.21*
EBT	2	3400	207	0.06	456	0.14
EBR	0		8		4	
WBL	2	3400	182	0.05	120	0.04
WBT	2	3400	309	0.11*	239	0.11*
WBR	0		65		142	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.53		0.61

342 - Technology Dr. E. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	22	0.01*	30	0.02*
NBT	1	1700	7	0.00	2	0.00
NBR	1	1700	82	0.05	322	0.19
SBL	1	1700	5	0.00	28	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		6		30	
EBL	1	1700	41	0.02	4	0.00
EBT	3	5100	1098	0.22*	1227	0.24*
EBR	D	1700	19	0.01	14	0.01
WBL	1	1700	237	0.14*	41	0.02*
WBT	3	5100	1294	0.25	1184	0.23
WBR	D	1700	26	0.02	2	0.00
Adjustment					NBR	0.15
Overlaps				Clearance		0.05
Total ICU				0.42		0.50

343 - Alton Pkwy. @ Ada
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	289	0.09*	167	0.05*
NBT	3	5100	1093	0.21	1115	0.22
NBR	D	1700	6	0.00	9	0.01
SBL	1	1700	8	0.00	15	0.01
SBT	3	5100	1161	0.23*	1211	0.24*
SBR	D	1700	115	0.07	82	0.05
EBL	1	1700	45	0.03*	102	0.06*
EBT	1	1700	46	0.03	19	0.01
EBR	1	1700	233	0.14	267	0.16
WBL	1	1700	7	0.00	17	0.01
WBT	1	1700	14	0.02*	26	0.02*
WBR	0		13		5	
Adjustment				EBR	0.02	EBR 0.05
Overlaps					Clearance	0.05
Total ICU				0.44		0.47

344 - Alton Pkwy. @ Technology Dr. W.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	609	0.18*	536	0.16*
NBT	3	5100	1253	0.25	871	0.17
NBR	1	1700	619	0.36	162	0.10
SBL	1	1700	32	0.02	33	0.02
SBT	4	6800	1152	0.17*	1183	0.17*
SBR	1	1700	188	0.11	303	0.18
EBL	1	1700	144	0.08*	369	0.22*
EBT	2	3400	96	0.03	116	0.03
EBR	2	3400	295	0.09	876	0.26
WBL	2	3400	194	0.06	505	0.15
WBT	2	3400	110	0.03*	188	0.06*
WBR	D	1700	21	0.01	17	0.01
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.51		0.66

345 - Alton Pkwy. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2014	0.39*	1411	0.28
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1345	0.26	1444	0.28*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	2550	802	0.25*	203	0.07*
WBT	0		0		0	
WBR	1.5	2550	489	0.25	167	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.40

346 - Alton Pkwy. @ Enterprise Dr.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	972	0.19	1384	0.27*
NBR	1	1700	64	0.04	230	0.14
SBL	1	1700	263	0.15	496	0.29*
SBT	3	5100	1967	0.39*	1172	0.23
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	227	0.07*	114	0.03*
WBT	0		0		0	
WBR	2	3400	1226	0.36	675	0.20
Adjustment				WBR	0.10	
Overlaps		W			Clearance	0.05
Total ICU				0.61		0.64

348 - Alton Pkwy. @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	36	0.01*	24	0.01
NBT	3	5100	408	0.08	691	0.14*
NBR	1	1700	68	0.04	197	0.12
SBL	2	3400	209	0.06	408	0.12*
SBT	3	5100	949	0.19*	610	0.12
SBR	1	1700	205	0.12	100	0.06
EBL	2	3400	83	0.02	207	0.06
EBT	3	5100	382	0.07*	761	0.15*
EBR	1	1700	20	0.01	33	0.02
WBL	2	3400	330	0.10*	243	0.07*
WBT	3	5100	669	0.13	640	0.13
WBR	1	1700	525	0.31	477	0.28
Adjustment			WBR	0.07	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.49		0.56

350 - Alton Pkwy. @ Pacifica
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	33	0.01*	194	0.06*
NBT	3	5100	459	0.09	851	0.17
NBR	D	1700	288	0.17	220	0.13
SBL	2	3400	40	0.01	41	0.01
SBT	2	3400	1196	0.35*	768	0.23*
SBR	1	1700	156	0.09	80	0.05
EBL	2	3400	74	0.02	83	0.02
EBT	2	3400	276	0.08*	140	0.04*
EBR	D	1700	61	0.04	43	0.03
WBL	1	1700	147	0.09*	185	0.11*
WBT	2	3400	178	0.05	387	0.11
WBR	D	1700	47	0.03	40	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.49

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	29	0.01*	115	0.03*
NBT	2	1700	4	0.00	80	0.04
NBR	0	1700	13	0.01	39	
SBL	2	3400	143	0.04	253	0.07
SBT	1	1700	457	0.27*	266	0.16*
SBR	F		1376		394	
EBL	1	1700	113	0.07*	449	0.26*
EBT	2	3400	109	0.03	206	0.06
EBR	1	1700	92	0.05	81	0.05
WBL	1	1700	9	0.01	40	0.02
WBT	2	3400	65	0.02*	260	0.08*
WBR	1	1700	6	0.00	91	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.58

356 - Pacifica @ ICD
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	28	0.01*	69	0.02
NBT	2	3400	25	0.01	76	0.02*
NBR	D	1700	231	0.14	567	0.33
SBL	2	3400	36	0.01	254	0.07*
SBT	2	3400	175	0.05*	73	0.02
SBR	1	1700	36	0.02	86	0.05
EBL	2	3400	37	0.01*	76	0.02
EBT	3	5100	550	0.11	1280	0.25*
EBR	D	1700	100	0.06	40	0.02
WBL	2	3400	280	0.08	224	0.07*
WBT	3	5100	1604	0.31*	1078	0.21
WBR	1	1700	141	0.08	112	0.07
Adjustment					NBR	0.26
Overlaps					Clearance	0.05
Total ICU				0.43		0.72

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	301	0.17*	230	0.11*
NBT	0.5	850	281	0.17	127	0.11
NBR	F		39		165	
SBL	1	1700	13	0.01	42	0.02
SBT	1	1700	18	0.01*	150	0.09*
SBR	1	1700	31	0.02	184	0.11
EBL	1	1700	128	0.08*	209	0.12
EBT	1	1700	69	0.04	241	0.14*
EBR	F		306		569	
WBL	1	1700	21	0.01	122	0.07*
WBT	2	3400	29	0.02*	251	0.08
WBR	0		26		29	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.46

358 - ICD @ Entertainment Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1777	0.52*	1212	0.36*
NBR	F		433		1008	
SBL	1	1700	5	0.00*	45	0.03*
SBT	3	5100	624	0.12	1609	0.32
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	94	0.06*	412	0.24*
WBT	0		0		0	
WBR	F		287		257	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.68

359 - ICD @ I-405 SB Ramps
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	1370	0.27*	1726	0.34
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	547	0.16	1503	0.44*
SBR	F		0		0	
EBL	2	3400	813	0.24*	499	0.15*
EBT	0		0		0	
EBR	F		799		678	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.64

361 - Bake Pkwy. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03*	180	0.11
NBT	1.5	2550	201	0.06	257	0.11*
NBR	1.5	2550	130	0.06	322	0.11
SBL	1	1700	127	0.07	172	0.10*
SBT	2	3400	407	0.12*	207	0.06
SBR	D	1700	302	0.18	166	0.10
EBL	2	3400	275	0.08*	270	0.08*
EBT	3	5100	397	0.08	655	0.13
EBR	D	1700	97	0.06	105	0.06
WBL	2	3400	437	0.13	249	0.07
WBT	2	3400	558	0.16*	562	0.17*
WBR	D	1700	73	0.04	34	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.51

362 - Bake Pkwy. @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	230	0.07	175	0.05
NBT	3	5100	1580	0.33*	1260	0.36*
NBR	0		127		593	
SBL	1	1700	62	0.04*	183	0.11*
SBT	3	5100	933	0.18	1344	0.26
SBR	1	1700	99	0.06	135	0.08
EBL	2	3400	122	0.04	122	0.04
EBT	3	5100	218	0.04*	568	0.11*
EBR	1	1700	192	0.11	298	0.18
WBL	2	3400	627	0.18*	393	0.12*
WBT	4	6800	571	0.11	328	0.06
WBR	0		153		122	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.75

363 - Bake Pkwy. @ Toledo Wy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	337	0.20*	94	0.06*
NBT	3	5100	1891	0.37	1869	0.37
NBR	D	1700	53	0.03	400	0.24
SBL	1	1700	73	0.04	79	0.05
SBT	3	5100	1628	0.32*	1890	0.37*
SBR	D	1700	141	0.08	37	0.02
EBL	2	3400	42	0.01*	134	0.04
EBT	2	3400	40	0.01	280	0.08*
EBR	1	1700	61	0.04	233	0.14
WBL	2	3400	278	0.08	54	0.02*
WBT	2	3400	247	0.10*	49	0.03
WBR	0		80		87	0.05
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.68		0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	521	0.15	71	0.02
NBT	3	5100	2146	0.42*	2244	0.44*
NBR	D	1700	86	0.05	526	0.31
SBL	1	1700	66	0.04*	110	0.06*
SBT	4	6800	1822	0.28	2005	0.30
SBR	0		78		18	
EBL	2	3400	10	0.00	73	0.02
EBT	2	3400	60	0.02*	477	0.14*
EBR	1	1700	104	0.06	473	0.28
WBL	1	1700	427	0.25*	190	0.11*
WBT	2	3400	585	0.20	99	0.05
WBR	0		90		66	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.80

365 - Bake Pkwy. @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	268	0.08	77	0.02
NBT	4	6800	2615	0.38*	2536	0.37*
NBR	F		160		381	
SBL	2	3400	88	0.03*	179	0.05*
SBT	4	6800	2181	0.32	2504	0.37
SBR	F		143		36	
EBL	2	3400	17	0.01*	173	0.05
EBT	2	3400	122	0.04	692	0.20*
EBR	F		104		303	
WBL	2	3400	208	0.06	171	0.05*
WBT	2	3400	452	0.13*	147	0.04
WBR	F		97		91	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.72

366 - Bake Pkwy. @ Rockfield Bl.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	221	0.07*	43	0.01
NBT	4	6800	2888	0.42	3026	0.45*
NBR	F		607		400	
SBL	2	3400	36	0.01	173	0.05*
SBT	4	6800	2630	0.39*	2664	0.39
SBR	1	1700	4	0.00	4	0.00
EBL	1	1700	1	0.00	17	0.01
EBT	2	3400	11	0.00*	67	0.02*
EBR	F		54		392	
WBL	2	3400	290	0.09*	587	0.17*
WBT	2	3400	36	0.01	37	0.01
WBR	F		60		142	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	3078	0.60*	3003	0.59*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	913	0.18	1669	0.33
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	186	0.11*	113	0.07*
WBT	0		0		0	
WBR	1.5	3400	1036	0.30	521	0.15
Adjustment			WBR	0.19	WBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.95		0.79

368 - Bake Pkwy. @ I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	715	0.14	1225	0.24*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	722	0.14*	954	0.19
SBR	F		0		0	
EBL	3	5100	2787	0.55*	2743	0.54*
EBT	0		0		0	
EBR	1	1700	595	0.35	107	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.83

371 - Bake Pkwy. @ Research Dr.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	36	0.02	8	0.00
NBT	3	5100	450	0.09*	473	0.09*
NBR	D	1700	43	0.03	20	0.01
SBL	2	3400	375	0.11*	150	0.04*
SBT	3	5100	508	0.10	642	0.13
SBR	1	1700	454	0.27	249	0.15
EBL	2	3400	96	0.03*	372	0.11*
EBT	2	3400	126	0.04	183	0.05
EBR	D	1700	27	0.02	48	0.03
WBL	1	1700	18	0.01	24	0.01
WBT	1	1700	131	0.08*	162	0.10*
WBR	1	1700	228	0.13	554	0.33
Adjustment			SBR	0.07	WBR	0.20
Overlaps				Clearance		0.05
Total ICU				0.43		0.59

372 - Bake Pkwy. @ ICD
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	174	0.05
NBT	3	5100	282	0.06*	231	0.05*
NBR	D	1700	30	0.02	21	0.01
SBL	2	3400	172	0.05*	347	0.10*
SBT	3	5100	306	0.06	311	0.06
SBR	D	1700	36	0.02	60	0.04
EBL	2	3400	31	0.01*	40	0.01
EBT	3	5100	587	0.12	929	0.18*
EBR	F		171		177	
WBL	2	3400	31	0.01	47	0.01*
WBT	3	5100	828	0.16*	697	0.14
WBR	D	1700	214	0.13	230	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.39

373 - Lake Forest Dr. @ SR-241 NB Ramps
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04	181	0.05*
NBT	2	3400	634	0.19*	733	0.22
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	461	0.14	622	0.18*
SBR	1	1700	100	0.06	155	0.09
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.28

374 - Lake Forest Dr. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	29	0.02	85	0.05
NBT	2	3400	160	0.05*	177	0.05*
NBR	D	1700	140	0.08	202	0.12
SBL	1	1700	181	0.11*	149	0.09*
SBT	2	3400	203	0.06	154	0.05
SBR	D	1700	5	0.00	23	0.01
EBL	2	3400	36	0.01*	17	0.01
EBT	3	5100	544	0.11	1052	0.21*
EBR	D	1700	64	0.04	67	0.04
WBL	2	3400	211	0.06	185	0.05*
WBT	3	5100	1034	0.20*	766	0.15
WBR	D	1700	247	0.15	157	0.09

Adjustment			NBR	0.03
Overlaps			Clearance	0.05
Total ICU		0.42		0.48

375 - Lake Forest Dr. @ SR-241 SB Ramps
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	611	0.18*	788	0.23*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	502	0.15	555	0.16
SBR	0		0		0	
EBL	2	3400	183	0.05*	112	0.03*
EBT	0		0		0	
EBR	1	1700	231	0.14	181	0.11
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment		EBR	0.07	EBR	0.03
Overlaps			Clearance	0.05
Total ICU		0.35		0.34

376 - Lake Forest Dr. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	190	0.06*	297	0.09
NBT	3	5100	775	0.15	1110	0.22*
NBR	1	1700	138	0.08	393	0.23
SBL	2	3400	237	0.07	360	0.11*
SBT	3	5100	1125	0.25*	999	0.22
SBR	0		127		128	
EBL	2	3400	126	0.04	346	0.10
EBT	3	5100	486	0.10*	801	0.16*
EBR	1	1700	243	0.14	103	0.06
WBL	2	3400	474	0.14*	183	0.05*
WBT	3	5100	787	0.15	497	0.10
WBR	1	1700	362	0.21	275	0.16

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.60		0.59

377 - Lake Forest Dr. @ Toledo Wy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04*	90	0.05
NBT	3	5100	1092	0.21	1735	0.34*
NBR	D	1700	68	0.04	140	0.08
SBL	1	1700	47	0.03	39	0.02*
SBT	3	5100	1560	0.31*	1218	0.24
SBR	D	1700	69	0.04	23	0.01
EBL	1	1700	30	0.02	116	0.07
EBT	2	3400	89	0.05*	327	0.12*
EBR	0		87		79	
WBL	1	1700	118	0.07*	47	0.03*
WBT	2	3400	256	0.10	87	0.03
WBR	0		69		29	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.52		0.56

378 - Lake Forest Dr. @ Jeronimo Rd.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	120	0.07*	89	0.05
NBT	3	5100	837	0.16	1518	0.30*
NBR	1	1700	150	0.09	223	0.13
SBL	1	1700	183	0.11	121	0.07*
SBT	3	5100	1246	0.24*	1082	0.21
SBR	1	1700	305	0.18	120	0.07
EBL	1	1700	83	0.05*	242	0.14
EBT	2	3400	181	0.08	578	0.20*
EBR	0		94		104	
WBL	1	1700	274	0.16	51	0.03*
WBT	2	3400	631	0.27*	162	0.06
WBR	0		279		54	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.68		0.65

379 - Lake Forest Dr. @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	68	0.02*	53	0.02
NBT	3	5100	873	0.17	1656	0.32*
NBR	1	1700	145	0.09	309	0.18
SBL	2	3400	139	0.04	161	0.05*
SBT	3	5100	1350	0.26*	1137	0.22
SBR	1	1700	171	0.10	68	0.04
EBL	2	3400	79	0.02*	273	0.08
EBT	2	3400	217	0.06	830	0.24*
EBR	1	1700	51	0.03	118	0.07
WBL	2	3400	295	0.09	170	0.05*
WBT	2	3400	568	0.17*	281	0.08
WBR	1	1700	165	0.10	106	0.06

Adjustment				
Overlaps	E		Clearance	0.05
Total ICU		0.52		0.71

380 - Lake Forest Dr. @ Rockfield Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	487	0.14*	396	0.12
NBT	3	5100	961	0.19	1858	0.36*
NBR	1	1700	167	0.10	520	0.31
SBL	2	3400	104	0.03	176	0.05*
SBT	4	6800	1481	0.23*	1335	0.21
SBR	0		109		121	
EBL	2	3400	34	0.01	162	0.05
EBT	2	3400	123	0.04*	343	0.10*
EBR	2	3400	265	0.08	504	0.15
WBL	2	3400	410	0.12*	292	0.09*
WBT	2	3400	309	0.09	176	0.05
WBR	1	1700	108	0.06	105	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.65

381 - Lake Forest Dr. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	928	0.18	2250	0.44*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1166	0.23*	1219	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	482	0.14*	201	0.06*
WBT	0		0		0	
WBR	2	3400	500	0.15	509	0.15

Adjustment WBR 0.09
Overlaps Clearance 0.05

Total ICU 0.42 0.64

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	637	0.10	1164	0.18*
NBR	0		36		81	
SBL	2	3400	326	0.10	437	0.13*
SBT	3	5100	1226	0.24*	896	0.18
SBR	F		0		0	
EBL	2.5	5100	787	0.15*	1838	0.36*
EBT	1.5	1700	255	0.15	448	0.26
EBR	1	1700	561	0.33	260	0.15
WBL	2	3400	118	0.03*	115	0.03*
WBT	0		0		0	
WBR	2	3400	157	0.05	326	0.10

Adjustment EBR 0.21 WBR 0.04
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.68 0.79

385 - Lake Forest Dr. @ ICD
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00	16	0.00
NBT	3	5100	266	0.05*	437	0.09*
NBR	1	1700	77	0.05	250	0.15
SBL	2	3400	617	0.18*	802	0.24*
SBT	3	5100	546	0.11	333	0.07
SBR	F		142		91	
EBL	2	3400	63	0.02*	250	0.07
EBT	3	5100	443	0.09	1207	0.24*
EBR	D	1700	13	0.01	14	0.01
WBL	2	3400	322	0.09	138	0.04*
WBT	3	5100	983	0.19*	488	0.10
WBR	1	1700	363	0.21	285	0.17

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.49 0.69

386 - Ridge Route Dr. @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	87	0.05*	107	0.06
NBT	2	3400	103	0.03	173	0.05*
NBR	D	1700	90	0.05	129	0.08
SBL	1	1700	125	0.07	127	0.07*
SBT	2	3400	233	0.07*	136	0.04
SBR	D	1700	106	0.06	66	0.04
EBL	1	1700	33	0.02*	52	0.03
EBT	2	3400	420	0.12	1151	0.34*
EBR	1	1700	45	0.03	40	0.02
WBL	1	1700	86	0.05	80	0.05*
WBT	2	3400	821	0.24*	483	0.14
WBR	1	1700	78	0.05	77	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.43 0.56

387 - Ridge Route Dr. @ Rockfield Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0.5	1700	53	0.03*	28	0.02*
NBT	1.5	1700	36	0.02	21	0.01
NBR	1	1700	31	0.02	29	0.02
SBL	0.5	1700	123	0.07*	96	0.06*
SBT	1.5	1700	32	0.02	31	0.02
SBR	D	1700	189	0.11	86	0.05
EBL	1	1700	65	0.04*	251	0.15
EBT	2	3400	264	0.08	930	0.30*
EBR	0		15		77	
WBL	1	1700	19	0.01	21	0.01*
WBT	2	3400	422	0.15*	319	0.12
WBR	0		76		105	

Adjustment SBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.36 0.44

388 - Ridge Route Dr. @ Avenida Carlota
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	36	0.02*	57	0.03*
NBT	0		0		0	
NBR	1	1700	199	0.12	359	0.21
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	138	0.06*	935	0.31*
EBR	0		77		121	
WBL	1	1700	225	0.13*	204	0.12*
WBT	2	3400	204	0.06	238	0.07
WBR	0		0		0	

Adjustment NBR 0.09
Overlaps Clearance 0.05

Total ICU 0.26 0.60

389 - Ridge Route Dr. @ Moulton Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	106	0.06
NBT	2	3400	152	0.04*	174	0.05*
NBR	1	1700	90	0.05	144	0.08
SBL	2	3400	104	0.03*	190	0.06*
SBT	2	3400	119	0.04	117	0.03
SBR	1	1700	32	0.02	29	0.02
EBL	2	3400	29	0.01*	42	0.01
EBT	3	5100	704	0.14	1947	0.38*
EBR	1	1700	165	0.10	88	0.05
WBL	2	3400	115	0.03	105	0.03*
WBT	4	6800	1638	0.24*	686	0.10
WBR	1	1700	168	0.10	110	0.06

Adjustment NBR 0.01
Overlaps Clearance 0.05

Total ICU 0.37 0.58

390 - Paseo de Valencia @ Avenida Carlota
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	116	0.03*	182	0.05*
NBT	1	1700	29	0.02	76	0.04
NBR	1	1700	24	0.01	79	0.05
SBL	2.5	3400	792	0.23	790	0.18
SBT	1.5	3400	766	0.24*	368	0.18*
SBR	0		51		40	
EBL	2	3400	156	0.05*	304	0.09*
EBT	2	3400	170	0.05	562	0.17
EBR	1	1700	58	0.03	322	0.19
WBL	1	1700	9	0.01	23	0.01
WBT	2	3400	345	0.10*	320	0.09*
WBR	1	1700	471	0.28	485	0.29

Adjustment WBR 0.01
Overlaps N W Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.47 0.47

391 - Santa Maria Av. @ Moulton Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	140	0.08*	129	0.06*
NBT	0		0		0	
NBR	1.5	2550	274	0.08	184	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	684	0.13	2182	0.43*
EBR	1	1700	125	0.07	121	0.07
WBL	1	1700	193	0.11	217	0.13*
WBT	3	5100	1840	0.36*	751	0.15
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.49 0.67

392 - El Toro Rd. @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	105	0.03*	228	0.07
NBT	3	5100	833	0.16	1625	0.32*
NBR	1	1700	111	0.07	336	0.20
SBL	2	3400	206	0.06	174	0.05*
SBT	3	5100	1446	0.28*	1011	0.20
SBR	1	1700	339	0.20	113	0.07
EBL	2	3400	200	0.06*	248	0.07
EBT	2	3400	298	0.09	787	0.23*
EBR	1	1700	185	0.11	309	0.18
WBL	2	3400	376	0.11	299	0.09*
WBT	2	3400	638	0.19*	300	0.09
WBR	1	1700	212	0.12	169	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.61 0.74

393 - El Toro Rd. @ Rockfield Bl.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	331	0.10*	461	0.14*
NBT	4	6800	851	0.13	1697	0.25
NBR	D	1700	183	0.11	270	0.16
SBL	2	3400	174	0.05	158	0.05
SBT	4	6800	1681	0.26*	1334	0.21*
SBR	0		59		84	
EBL	2	3400	72	0.02	332	0.10
EBT	2	3400	213	0.06*	500	0.15*
EBR	F		177		211	
WBL	2	3400	429	0.13*	323	0.10*
WBT	2	3400	242	0.07	209	0.06
WBR	1	1700	138	0.08	123	0.07

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.65

394 - El Toro Rd. @ I-5 NB Ramps
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	924	0.26	1640	0.41*
NBR	1.5	2550	839	0.26	1130	0.41
SBL	0		0		0	*
SBT	5	8500	2321	0.27*	2027	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	439	0.19*	505	0.26*
WBT	0		0		0	
WBR	1.5	2550	511	0.19	833	0.26

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.51 0.72

396 - El Toro Rd. @ Avenida Carlota
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		1		1	
NBT	4	6800	1015	0.15*	1861	0.27*
NBR	D	1700	34	0.02	89	0.05
SBL	2	3400	117	0.03*	221	0.07*
SBT	3	5100	895	0.18	921	0.18
SBR	1	1700	740	0.44	679	0.40
EBL	3	5100	652	0.13*	815	0.16*
EBT	2	3400	191	0.06	493	0.14
EBR	1	1700	97	0.06	106	0.06
WBL	0.5	850	31	0.04	47	0.05
WBT	1.5	2550	103	0.04*	109	0.05*
WBR	2	3400	313	0.09	567	0.17

Adjustment Multi 0.15 WBR 0.05
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.55 0.65

397 - El Toro Rd. @ Paseo de Valencia
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	59	0.02	137	0.04
NBT	3	5100	697	0.14*	1031	0.20*
NBR	1	1700	202	0.12	249	0.15
SBL	2	3400	265	0.08*	220	0.06*
SBT	3	5100	564	0.11	685	0.14
SBR	0		8		18	
EBL	1	1700	18	0.01	41	0.02
EBT	2	3400	522	0.15*	437	0.13*
EBR	1	1700	274	0.16	196	0.12
WBL	2	3400	237	0.07*	372	0.11*
WBT	2	3400	98	0.03	163	0.05
WBR	1	1700	222	0.13	451	0.27

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.49 0.55

398 - El Toro Rd. @ Moulton Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	323	0.10*	207	0.06
NBT	3	5100	555	0.11	807	0.16*
NBR	1	1700	137	0.08	219	0.13
SBL	2	3400	307	0.09	331	0.10*
SBT	3	5100	603	0.12*	643	0.13
SBR	1	1700	205	0.12	192	0.11
EBL	2	3400	181	0.05*	294	0.09
EBT	3	5100	578	0.11	1940	0.38*
EBR	1	1700	175	0.10	372	0.22
WBL	2	3400	232	0.07	185	0.05*
WBT	3	5100	1599	0.31*	639	0.13
WBR	1	1700	294	0.17	312	0.18

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.63 0.74

399 - El Toro Rd. @ Aliso Creek Rd.
Short Term Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	434	0.09	719	0.14*
NBR	1	1700	878	0.52	1270	0.75
SBL	1	1700	64	0.04	131	0.08*
SBT	3	5100	691	0.14*	470	0.09
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1271	0.37*	1060	0.31*
WBT	0		0		0	
WBR	1	1700	86	0.05	86	0.05

Adjustment NBR 0.05 NBR 0.30
Overlaps N Clearance 0.05

Total ICU 0.61 0.88

400 - El Toro Rd. @ SR-73 NB Ramps
Short Term Approved No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1180	0.35*	2039	0.60*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	541	0.32	505	0.30
SBR	1.5	3400	1591	0.47	1025	0.30
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	88	0.03	85	0.03
WBT	2	3400	501	0.15*	221	0.07*
WBR	1	1700	80	0.05	35	0.02

Adjustment SBR 0.12
Overlaps Clearance 0.05

Total ICU 0.67 0.72

401 - El Toro Rd. @ SR-73 SB Ramps
Short Term Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	445	0.13	656	0.19*
NBR	1	1700	90	0.05	96	0.06
SBL	1	1700	27	0.02	44	0.03*
SBT	2	3400	593	0.17*	561	0.17
SBR	0		0		0	
EBL	1.5	3400	756	0.22*	1387	0.41*
EBT	1.5	1700	118	0.07	294	0.17
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.68

402 - I-5 NB Ramps @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	533	0.16*	889	0.26*
NBT	0		0		0	
NBR	1.5	1700	58	0.03	77	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	710	0.21*	823	0.24*
EBR	F		296		250	
WBL	1	1700	292	0.17*	204	0.12*
WBT	2	3400	420	0.12	391	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.67

403 - SR-241 NB Ramps @ Jeffrey Rd.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	722	0.42*	456	0.27*
NBT	2	3400	457	0.13	119	0.04
NBR	D	1700	128	0.08	29	0.02
SBL	1	1700	16	0.01	17	0.01
SBT	2	3400	80	0.02*	315	0.09*
SBR	D	1700	88	0.05	262	0.15
EBL	1	1700	243	0.14*	54	0.03
EBT	2	3400	68	0.02	13	0.00*
EBR	D	1700	350	0.21	248	0.15
WBL	1	1700	17	0.01	112	0.07*
WBT	2	3400	19	0.01*	93	0.03
WBR	D	1700	12	0.01	24	0.01
Adjustment						SBR 0.03
Overlaps				Clearance		0.05
Total ICU				0.64		0.51

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2372	0.47*	1870	0.37*
NBR	1	1700	196	0.12	176	0.10
SBL	2	3400	356	0.10*	461	0.14*
SBT	3	5100	1508	0.30	1983	0.39
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	226	0.07*	201	0.06*
WBT	0		0		0	
WBR	F		878		892	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.62

409 - Bake Pkwy. @ Commercentre Dr.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03*	82	0.05
NBT	2	3400	930	0.27	1111	0.33*
NBR	D	1700	548	0.32	184	0.11
SBL	1	1700	34	0.02	10	0.01*
SBT	2	3400	959	0.28*	837	0.25
SBR	D	1700	119	0.07	142	0.08
EBL	1	1700	109	0.06	93	0.05*
EBT	2	3400	313	0.11*	101	0.06
EBR	0		50		92	
WBL	2	3400	109	0.03*	526	0.15
WBT	1	1700	66	0.04	416	0.25*
WBR	0		5		16	
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.51		0.69

410 - Bake Pkwy. @ Lake Forest Dr.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	168	0.05*	117	0.03*
SBT	0		0		0	
SBR	2	3400	128	0.04	381	0.11
EBL	2	3400	87	0.03*	103	0.03*
EBT	2	3400	264	0.08	558	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	567	0.17*	869	0.26*
WBR	D	1700	30	0.02	53	0.03
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.30		0.43

412 - Ridge Route Dr. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	185	0.11*	145	0.09*
NBT	0		0		0	
NBR	1	1700	238	0.14	221	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	629	0.12	1445	0.28*
EBR	D	1700	254	0.15	122	0.07
WBL	1	1700	174	0.10	121	0.07*
WBT	3	5100	1421	0.28*	795	0.16
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.49

413 - Ridge Route Dr. @ Toledo Wy.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	49	0.03	19	0.01
NBT	2	3400	244	0.11*	244	0.08*
NBR	0		118		35	
SBL	1	1700	112	0.07*	74	0.04*
SBT	2	3400	374	0.14	195	0.07
SBR	0		93		39	
EBL	1	1700	33	0.02	71	0.04
EBT	2	3400	143	0.05*	365	0.11*
EBR	0		30		20	
WBL	1	1700	149	0.09*	20	0.01*
WBT	2	3400	239	0.08	95	0.04
WBR	0		48		47	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.29

414 - Ridge Route Dr. @ Jeronimo Rd.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04	39	0.02
NBT	2	3400	215	0.06*	261	0.08*
NBR	D	1700	103	0.06	91	0.05
SBL	1	1700	121	0.07*	41	0.02*
SBT	2	3400	310	0.09	168	0.05
SBR	D	1700	202	0.12	32	0.02
EBL	1	1700	106	0.06*	63	0.04
EBT	2	3400	326	0.13	922	0.29*
EBR	0		131		51	
WBL	1	1700	94	0.06	63	0.04*
WBT	2	3400	799	0.26*	307	0.11
WBR	0		77		62	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.50		0.48

415 - Glenn Ranch Rd. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	77	0.05	107	0.06
NBT	2	1700	23	0.01*	41	0.02*
NBR	0	1700	63	0.04	103	0.06
SBL	2	3400	301	0.09*	264	0.08*
SBT	2	3400	70	0.02	34	0.01
SBR	F		752		364	
EBL	2	3400	259	0.08*	856	0.25*
EBT	3	5100	501	0.10	1049	0.21
EBR	1	1700	109	0.06	88	0.05
WBL	2	3400	130	0.04	67	0.02
WBT	3	5100	1082	0.21*	603	0.12*
WBR	1	1700	268	0.16	284	0.17
Adjustment						
Overlaps	W				Clearance	0.05
Total ICU				0.44		0.52

416 - Portola Pkwy .East @ SR-241 Ramps
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	393	0.12*	141	0.04*
NBT	3	5100	970	0.19	737	0.14
NBR	F		61		181	
SBL	2	3400	124	0.04	313	0.09
SBT	3	5100	605	0.12*	1041	0.20*
SBR	F		210		118	
EBL	1	1700	112	0.07*	134	0.08*
EBT	0		0		0	
EBR	F		143		343	
WBL	2	3400	163	0.05	101	0.03
WBT	0		0	*	0	*
WBR	F		346		153	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.37

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	337	0.20*	257	0.15*
NBT	3	5100	195	0.04	506	0.10
NBR	F		371		591	
SBL	1	1700	26	0.02	11	0.01
SBT	3	5100	670	0.13*	207	0.04*
SBR	1	1700	399	0.23	147	0.09
EBL	2	3400	75	0.02	350	0.10
EBT	3	5100	709	0.14*	1610	0.32*
EBR	1	1700	230	0.14	445	0.26
WBL	2	3400	499	0.15*	433	0.13*
WBT	4	6800	1558	0.23	850	0.13
WBR	D	1700	25	0.01	47	0.03
Adjustment			SBR	0.05		
Overlaps				Clearance		0.05
Total ICU				0.72		0.69

418 - El Toro Rd. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	209	0.06*	322	0.09
NBT	3	5100	637	0.12	1156	0.23*
NBR	1	1700	156	0.09	353	0.21
SBL	2	3400	262	0.08	274	0.08*
SBT	3	5100	1561	0.31*	903	0.18
SBR	1	1700	356	0.21	164	0.10
EBL	2	3400	200	0.06*	347	0.10
EBT	3	3400	384	0.11	942	0.23*
EBR	0	1700	206	0.12	235	
WBL	2	3400	275	0.08	150	0.04*
WBT	3	5100	888	0.17*	416	0.08
WBR	1	1700	232	0.14	191	0.11
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.65		0.63

419 - El Toro Rd. @ Toledo Wy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	162	0.10*	59	0.03
NBT	3	5100	1031	0.20	1681	0.33*
NBR	D	1700	11	0.01	24	0.01
SBL	1	1700	1	0.00	1	0.00*
SBT	3	5100	1699	0.33*	1237	0.24
SBR	D	1700	250	0.15	34	0.02
EBL	1.5	2550	81	0.03*	226	0.07*
EBT	0.5	850	4	0.03	17	0.07
EBR	1	1700	194	0.11	96	0.06
WBL	0		37		14	
WBT	1	1700	12	0.03*	3	0.01*
WBR	0		2		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.54		0.46

420 - El Toro Rd. @ Jeronimo Rd.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	100	0.06*	104	0.06
NBT	3	5100	848	0.17	1474	0.29*
NBR	1	1700	259	0.15	329	0.19
SBL	1	1700	281	0.17	288	0.17*
SBT	3	5100	1545	0.30*	988	0.19
SBR	D	1700	251	0.15	88	0.05
EBL	1	1700	146	0.09	170	0.10
EBT	2	3400	286	0.14*	716	0.24*
EBR	0		183		112	
WBL	2	3400	406	0.12*	218	0.06*
WBT	2	3400	559	0.16	315	0.09
WBR	1	1700	265	0.16	281	0.17
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.67		0.81

421 - Los Alisos Bl. @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	243	0.14*	216	0.13
NBT	3	5100	452	0.09	987	0.19*
NBR	D	1700	111	0.07	277	0.16
SBL	1	1700	139	0.08	138	0.08*
SBT	3	5100	1076	0.21*	537	0.11
SBR	D	1700	308	0.18	87	0.05
EBL	1	1700	138	0.08*	285	0.17*
EBT	2	3400	441	0.13	679	0.20
EBR	D	1700	272	0.16	212	0.12
WBL	1	1700	264	0.16	145	0.09
WBT	2	3400	719	0.21*	421	0.12*
WBR	D	1700	162	0.10	141	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.61

422 - Los Alisos Bl. @ Jeromino Rd.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	184	0.11*	178	0.10
NBT	3	5100	658	0.13	1247	0.24*
NBR	1	1700	176	0.10	275	0.16
SBL	1	1700	228	0.13	154	0.09*
SBT	3	5100	1266	0.25*	658	0.13
SBR	1	1700	339	0.20	181	0.11
EBL	2	3400	184	0.05*	414	0.12
EBT	2	3400	515	0.15	767	0.23*
EBR	1	1700	168	0.10	241	0.14
WBL	2	3400	226	0.07	229	0.07*
WBT	2	3400	636	0.19*	495	0.15
WBR	1	1700	103	0.06	201	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.68

423 - Muirlands Bl. @ Los Alisos Bl.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	213	0.13*	117	0.07*
NBT	2	3400	516	0.15	352	0.10
NBR	1	1700	126	0.07	153	0.09
SBL	1	1700	123	0.07	338	0.20
SBT	2	3400	421	0.18*	660	0.25*
SBR	0		189		185	
EBL	1	1700	192	0.11*	154	0.09
EBT	3	5100	679	0.13	1164	0.23*
EBR	1	1700	235	0.14	219	0.13
WBL	1	1700	202	0.12	160	0.09*
WBT	3	5100	1092	0.21*	695	0.14
WBR	D	1700	321	0.19	205	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.69

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	211	0.12*	200	0.12*
NBT	2	3400	760	0.22	1147	0.34
NBR	0		3		4	
SBL	1	1700	14	0.01	16	0.01
SBT	2	3400	908	0.41*	725	0.29*
SBR	0		488		265	
EBL	1.5	2550	280	0.09*	402	0.13*
EBT	0.5	850	19	0.09	41	0.13
EBR	1	1700	214	0.13	342	0.20
WBL	0		5		10	
WBT	1	1700	50	0.03*	20	0.02*
WBR	D	1700	46	0.03	22	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.70 0.61

425 - Los Alisos Bl. @ Avenida Carlota
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	217	0.06*	178	0.05*
NBT	3	5100	825	0.16	940	0.18
NBR	0		3		1	
SBL	1	1700	7	0.00	7	0.00
SBT	2	3400	900	0.26*	820	0.24*
SBR	1	1700	289	0.17	202	0.12
EBL	1.5	2550	125	0.04*	452	0.14*
EBT	0.5	850	3	0.04	14	0.14
EBR	1	1700	67	0.04	290	0.17
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	7	0.00	14	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.42 0.48

426 - Los Alisos Bl. @ Paseo de Valencia
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	692	0.14*	886	0.17*
SBT	0		0		0	
SBR	1	1700	285	0.17	190	0.11
EBL	2	3400	96	0.03*	238	0.07
EBT	2	3400	341	0.10	759	0.22*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	670	0.20*	394	0.12
WBR	2	3400	860	0.25	898	0.26

Adjustment
Overlaps S W Clearance 0.05

Total ICU 0.42 0.44

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Short Term Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	167	0.05	263	0.08*
NBT	3	5100	1509	0.30*	751	0.15
NBR	D	1700	10	0.01	29	0.02
SBL	1	1700	7	0.00*	35	0.02
SBT	3	5100	641	0.13	1780	0.35*
SBR	1	1700	319	0.19	534	0.31
EBL	1.5	2550	434	0.13*	284	0.09*
EBT	0.5	850	1	0.13	8	0.09
EBR	1	1700	243	0.14	261	0.15
WBL	0		40		23	
WBT	1	1700	9	0.03*	4	0.02*
WBR	D	1700	29	0.02	18	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.59

428 - Laguna Hills Dr. @ Paseo de Valencia
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	631	0.19*	630	0.19*
NBT	0.5	850	15	0.19	13	0.19
NBR	1	1700	399	0.23	474	0.28
SBL	1	1700	115	0.07	52	0.03
SBT	1	1700	26	0.07*	25	0.04*
SBR	0		101		45	
EBL	1	1700	27	0.02	61	0.04
EBT	3	5100	436	0.09*	923	0.18*
EBR	1	1700	581	0.34	658	0.39
WBL	2	3400	345	0.10*	330	0.10*
WBT	3	5100	702	0.15	529	0.12
WBR	0		62		89	
Adjustment			EBR	0.11	EBR	0.07
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.61		0.63

429 - Moulton Pkwy. @ Laguna Hills Dr.
Short Term Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	403	0.12	211	0.06*
NBT	4	6800	1183	0.17*	615	0.09
NBR	1	1700	150	0.09	94	0.06
SBL	2	3400	197	0.06*	192	0.06
SBT	3	5100	484	0.09	1410	0.28*
SBR	1	1700	191	0.11	441	0.26
EBL	2	3400	320	0.09*	236	0.07*
EBT	3	5100	535	0.10	790	0.15
EBR	F		253		369	
WBL	1	1700	62	0.04	134	0.08
WBT	2	3400	756	0.22*	602	0.18*
WBR	1	1700	155	0.09	214	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.64

430 - Trabuco Rd. @ Alicia Pkwy.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	180	0.05	127	0.04
NBT	2	3400	457	0.13*	336	0.10*
NBR	D	1700	69	0.04	52	0.03
SBL	2	3400	161	0.05*	435	0.13*
SBT	2	3400	317	0.09	434	0.13
SBR	1	1700	153	0.09	183	0.11
EBL	1	1700	228	0.13*	177	0.10
EBT	3	5100	934	0.18	1535	0.30*
EBR	D	1700	75	0.04	137	0.08
WBL	1	1700	123	0.07	47	0.03*
WBT	3	5100	1614	0.32*	975	0.19
WBR	1	1700	355	0.21	175	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.61

431 - Jeronimo Rd. @ Alicia Pkwy.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	569	0.17*	235	0.07*
NBT	2	3400	707	0.21	337	0.10
NBR	1	1700	150	0.09	81	0.05
SBL	2	3400	73	0.02	166	0.05
SBT	2	3400	405	0.12*	769	0.23*
SBR	1	1700	200	0.12	450	0.26
EBL	2	3400	370	0.11*	244	0.07
EBT	3	5100	1347	0.26	1833	0.36*
EBR	1	1700	225	0.13	430	0.25
WBL	2	3400	165	0.05	121	0.04*
WBT	3	5100	1967	0.39*	1350	0.26
WBR	1	1700	148	0.09	112	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.84		0.75

432 - Alicia Pkwy. @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	229	0.07*	266	0.08
NBT	3	5100	2010	0.39	2344	0.46*
NBR	1	1700	101	0.06	132	0.08
SBL	2	3400	132	0.04	114	0.03*
SBT	4	6800	2540	0.39*	2118	0.32
SBR	0		130		81	
EBL	1	1700	75	0.04	123	0.07
EBT	2	3400	371	0.11*	410	0.12*
EBR	1	1700	435	0.26	442	0.26
WBL	1	1700	120	0.07*	95	0.06*
WBT	2	3400	397	0.12	313	0.09
WBR	1	1700	219	0.13	189	0.11
Adjustment			EBR	0.08		
Overlaps	E				Clearance	0.05
Total ICU				0.77		0.72

433 - I-5 NB Ramps @ Alicia Pkwy.
Short Term Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	107	0.06*	219	0.13*
NBT	0		0		0	
NBR	1.5	3400	334	0.10	550	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2112	0.41*	2461	0.48*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1637	0.32	1660	0.33
WBR	F		0		0	
Adjustment			NBR	0.04	NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.56		0.69

434 - I-5 SB Ramps @ Alicia Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	1266	0.42*	1441	0.46*
SBT	0		0		0	
SBR	1.5	2550	886	0.42	920	0.46
EBL	0		0		0	
EBT	3	5100	2252	0.44*	2118	0.42*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1036	0.20	1314	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.91		0.93

435 - Alicia Pkwy. @ Paseo de Valencia
Short Term Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	307	0.09	294	0.09
NBT	3	5100	1674	0.34*	1560	0.32*
NBR	0		64		66	
SBL	1	1700	67	0.04*	138	0.08*
SBT	3	5100	1305	0.26	1421	0.28
SBR	1	1700	384	0.23	356	0.21
EBL	2	3400	376	0.11*	430	0.13*
EBT	2	3400	239	0.07	453	0.13
EBR	2	3400	241	0.07	493	0.14
WBL	2	3400	88	0.03	105	0.03
WBT	3	5100	428	0.08*	249	0.05*
WBR	1	1700	66	0.04	64	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.63

436 - Moulton Pkwy. @ Alicia Pkwy.
Short Term Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	46	0.01	82	0.02*
NBT	3	5100	1140	0.22*	590	0.12
NBR	F		493		339	
SBL	2	3400	140	0.04*	178	0.05
SBT	3	5100	555	0.11	1110	0.22*
SBR	1	1700	224	0.13	583	0.34
EBL	2	3400	372	0.11	303	0.09*
EBT	3	5100	1314	0.26*	1222	0.24
EBR	1	1700	94	0.06	66	0.04
WBL	2	3400	236	0.07*	348	0.10
WBT	3	5100	1109	0.22	1376	0.27*
WBR	1	1700	134	0.08	121	0.07
Adjustment					SBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.64		0.70

437 - Scientific Wy. @ ICD
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	8	0.00*	19	0.01
NBT	2	3400	12	0.00	17	0.01*
NBR	1	1700	12	0.01	44	0.03
SBL	2	3400	7	0.00	36	0.01*
SBT	2	3400	36	0.01*	14	0.00
SBR	1	1700	2	0.00	5	0.00
EBL	1	1700	2	0.00*	1	0.00
EBT	3	5100	420	0.08	1325	0.26*
EBR	1	1700	56	0.03	9	0.01
WBL	1	1700	18	0.01	5	0.00*
WBT	3	5100	962	0.19*	620	0.12
WBR	1	1700	101	0.06	43	0.03
Adjustment					NBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.25		0.35

441 - Park Av. @ Jamboree Rd. SB Ramps
Short Term Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	42	0.01	255	0.08*
NBR	1	1700	22	0.01	38	0.02
SBL	1	1700	30	0.02	16	0.01*
SBT	2	3400	144	0.04*	104	0.03
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	798	0.23*	508	0.15*
WBT	0		0		0	
WBR	1	1700	27	0.02	99	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.32		0.29

444 - Sand Canyon Av. @ Burt Rd.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	38	0.01*	37	0.01
NBT	3	5100	617	0.12	1670	0.33*
NBR	D	1700	52	0.03	83	0.05
SBL	1	1700	82	0.05	106	0.06*
SBT	3	5100	2472	0.48*	1129	0.22
SBR	1	1700	59	0.03	45	0.03
EBL	2	3400	115	0.03	27	0.01
EBT	1	1700	26	0.02*	1	0.00*
EBR	1	1700	106	0.06	23	0.01
WBL	1	1700	39	0.02*	60	0.04*
WBT	1	1700	7	0.00	5	0.00
WBR	1	1700	46	0.03	99	0.06
Adjustment				EBR 0.03		
Overlaps					Clearance	0.05
Total ICU				0.61		0.48

452 - Jamboree Rd. @ Santiago Canyon Rd.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	557	0.16*	1805	0.53*
NBT	1	1700	52	0.03	60	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	19	0.01*	134	0.04*
SBR	D	1700	25	0.01	104	0.06
EBL	1	1700	38	0.02*	26	0.02*
EBT	0		0		0	
EBR	2	3400	1594	0.47	504	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.33		
Overlaps					Clearance	0.05
Total ICU				0.57		0.64

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Short Term Approved No Project-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		476		616	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		744	*	492	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

463 - Jamboree Rd. @ Chapman Ave.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	107	0.03	304	0.09
NBT	2	3400	218	0.06*	890	0.26*
NBR	2	3400	219	0.06	158	0.05
SBL	2	3400	817	0.24*	345	0.10*
SBT	3	5100	799	0.16	311	0.06
SBR	1	1700	29	0.02	68	0.04
EBL	2	3400	34	0.01	38	0.01*
EBT	3	5100	1128	0.22*	329	0.06
EBR	1	1700	254	0.15	124	0.07
WBL	2	3400	258	0.08*	301	0.09
WBT	3	5100	410	0.08	1282	0.25*
WBR	2	3400	355	0.10	790	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.67

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	83	0.05*	66	0.04*
SBT	0		0		2	
SBR	2	3400	548	0.16	528	0.16
EBL	0		0		0	*
EBT	4	6800	2026	0.39*	948	0.15
EBR	0		626		81	
WBL	1	1700	61	0.04*	12	0.01
WBT	2	3400	778	0.23	2482	0.73*
WBR	0		0		0	
Adjustment					SBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.53		0.94

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	71	0.02*	564	0.17*
NBT	0		2	0.02	2	0.17
NBR	0.5	850	9	0.02	20	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	297	0.17*	318	0.19*
EBT	4	6800	1762	0.26	731	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	793	0.17*	1915	0.40*
WBR	0		58		101	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.81

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	348	0.10*	964	0.28*
NBT	0		0		0	
NBR	1	1700	2	0.00	3	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	493	0.14	438	0.13
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	617	0.18*	644	0.19*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.52

468 - Jamboree Rd. @ Canyon View Ave.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	86	0.03*	790	0.23*
NBT	3	5100	351	0.07	1520	0.30
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1246	0.24*	459	0.09*
SBR	1	1700	104	0.06	273	0.16
EBL	1	1700	143	0.08*	111	0.07*
EBT	0		0		0	
EBR	2	3400	665	0.20	177	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.50		0.46

469 - Jamboree Rd. @ Handy Creek Rd.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		1340		1502	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		1655	*	963	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

470 - SR-261 SB Ramps @ Handy Creek Rd.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

471 - SR-261 NB Ramps @ Handy Creek Rd.
Short Term Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

477 - El Camino Real N. @ Bryan Ave.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	5	0.00*	90	0.05*
NBT	0		0		0	
NBR	1.5	3400	58	0.02	426	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	383	0.11*	689	0.20
EBR	D	1700	102	0.06	23	0.01
WBL	2	3400	256	0.08*	106	0.03
WBT	2	3400	554	0.16	1332	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.49

481 - Laguna Canyon Rd. @ Technology Dr.
Short Term Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		3	0.00
NBT	2	3400	141	0.04*	216	0.06*
NBR	D	1700	0		37	0.02
SBL	2	3400	1008	0.30*	302	0.09*
SBT	2	3400	239	0.07	72	0.02
SBR	D	1700	217	0.13	27	0.02
EBL	1	1700	59	0.03*	185	0.11*
EBT	1	1700	0		32	0.02
EBR	1	1700	0		8	0.00
WBL	1	1700	0		33	0.02
WBT	1	1700	0	*	12	0.01*
WBR	2	3400	388	0.11	803	0.24
Adjustment					WBR	0.16
Overlaps					Clearance	0.05
Total ICU				0.42		0.48

482 - Visions @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01*	16	0.01*
NBT	1	1700	0		0	
NBR	1	1700	127	0.07	18	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	695	0.20*	725	0.21*
EBR	1	1700	219	0.13	21	0.01
WBL	1	1700	287	0.17*	21	0.01*
WBT	2	3400	643	0.19	692	0.20
WBR	D	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.28

483 - Tulip @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	60	0.04	47	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	715	0.21*	476	0.14
EBR	D	1700	75	0.04	6	0.00
WBL	1	1700	32	0.02*	53	0.03
WBT	2	3400	653	0.19	714	0.21*
WBR	0		0		0	
Adjustment			NBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.30		0.26

484 - Sand Canyon Av. @ Roosevelt
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	47	0.01*	113	0.03
NBT	4	6800	743	0.11	2044	0.30*
NBR	D	1700	39	0.02	135	0.08
SBL	2	3400	45	0.01	79	0.02*
SBT	4	6800	1767	0.26*	940	0.14
SBR	D	1700	104	0.06	105	0.06
EBL	2	3400	133	0.04*	84	0.02*
EBT	2	3400	32	0.01	51	0.02
EBR	D	1700	106	0.06	88	0.05
WBL	2	3400	130	0.04	53	0.02
WBT	1	1700	91	0.05*	28	0.02*
WBR	D	1700	89	0.05	70	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.41

485 - Sand Canyon Av. @ Nightmist
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	99	0.03*	194	0.06
NBT	4	6800	768	0.11	2215	0.33*
NBR	D	1700	31	0.02	53	0.03
SBL	1	1700	18	0.01	11	0.01*
SBT	4	6800	2054	0.30*	1049	0.15
SBR	D	1700	24	0.01	33	0.02
EBL	2	3400	44	0.01*	29	0.01
EBT	1	1700	12	0.01	3	0.00*
EBR	1	1700	289	0.17	115	0.07
WBL	2	3400	29	0.01	50	0.01*
WBT	1	1700	16	0.01*	1	0.00
WBR	D	1700	28	0.02	13	0.01
Adjustment			EBR	0.14		
Overlaps				Clearance		0.05
Total ICU				0.54		0.40

486 - SR-133 SB Ramps @ Great Park Blvd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		1139		1113	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		1161	*	1084	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

487 - SR-133 NB Ramps @ Great Park Blvd.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		1145		1073	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		1204	*	1101	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

514 - Alton Pkwy. @ Rancho Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	91	0.03*	158	0.05
NBT	3	5100	538	0.11	1266	0.25*
NBR	1	1700	144	0.08	147	0.09
SBL	2	3400	142	0.04	20	0.01*
SBT	3	5100	1245	0.24*	517	0.10
SBR	1	1700	55	0.03	34	0.02
EBL	1	1700	48	0.03	21	0.01
EBT	2	3400	37	0.01*	26	0.01*
EBR	D	1700	207	0.12	157	0.09
WBL	1	1700	186	0.11*	175	0.10*
WBT	2	3400	46	0.01	50	0.01
WBR	1	1700	31	0.02	141	0.08
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.53		0.42

515 - Bake Pkwy. N @ Rancho Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	614	0.18	1010	0.30*
NBR	D	1700	261	0.15	700	0.41
SBL	1	1700	96	0.06	269	0.16*
SBT	2	3400	919	0.27*	644	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	550	0.16*	281	0.08*
WBT	0		0		0	
WBR	2	3400	173	0.05	237	0.07
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.48		0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	148	0.09*	194	0.11*
NBT	2	3400	521	0.15	650	0.19
NBR	D	1700	167	0.10	359	0.21
SBL	1	1700	126	0.07	142	0.08
SBT	2	3400	576	0.17*	564	0.17*
SBR	D	1700	59	0.03	62	0.04
EBL	1	1700	21	0.01	49	0.03
EBT	1	1700	241	0.14*	697	0.41*
EBR	1	1700	52	0.03	145	0.09
WBL	1	1700	253	0.15*	147	0.09*
WBT	2	3400	617	0.18	331	0.10
WBR	1	1700	52	0.03	63	0.04
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.83

517 - Portola Pkwy. @ Rancho Pkwy.
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	612	0.18*	370	0.11*
NBT	3	5100	1279	0.25	788	0.15
NBR	D	1700	17	0.01	4	0.00
SBL	2	3400	18	0.01	16	0.00
SBT	3	5100	745	0.15*	1309	0.26*
SBR	1	1700	133	0.08	124	0.07
EBL	1.5	2550	67	0.02*	239	0.08*
EBT	0.5	850	11	0.02	34	0.08
EBR	F		291		918	
WBL	1.5	2550	10	0.01	18	0.01
WBT	1	1700	23	0.01*	24	0.01*
WBR	1.5	2550	12	0.01	18	0.01
Adjustment						
Overlaps			S		Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.41		0.51

518 - Alton Pkwy. @ Commercentre
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	648	0.13	1571	0.31*
NBR	D	1700	372	0.22	226	0.13
SBL	1	1700	163	0.10	28	0.02*
SBT	3	5100	1703	0.33*	835	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	189	0.06*	600	0.18*
WBT	0		0		0	
WBR	1.5	1700	40	0.02	165	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.56

520 - Keystone @ Trabuco Rd.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	135	0.04*	38	0.01*
SBT	0		0		0	
SBR	1	1700	394	0.23	177	0.10
EBL	2	3400	167	0.05*	282	0.08*
EBT	2	3400	622	0.18	357	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	623	0.18*	674	0.20*
WBR	1	1700	23	0.01	98	0.06
Adjustment			SBR	0.15	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.47		0.37

555 - Bake Pkwy. @ Rancho Pkwy. S
Short Term Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	249	0.15*	136	0.08
NBT	2	3400	702	0.21	1357	0.40*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1114	0.33*	845	0.25
SBR	1	1700	307	0.18	139	0.08
EBL	2	3400	119	0.04*	318	0.09*
EBT	0		0		0	
EBR	1	1700	147	0.09	140	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.54

556 - Ridge Valley @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	120	0.04	89	0.03*
NBT	1	1700	13	0.01*	31	0.02
NBR	D	1700	36	0.02	54	0.03
SBL	1	1700	100	0.06*	14	0.01
SBT	2	3400	55	0.02	14	0.00*
SBR	D	1700	23	0.01	30	0.02
EBL	1	1700	6	0.00	34	0.02*
EBT	2	3400	603	0.18*	474	0.14
EBR	D	1700	117	0.07	57	0.03
WBL	1	1700	91	0.05*	29	0.02
WBT	2	3400	562	0.17	551	0.16*
WBR	D	1700	36	0.02	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.26

558 - Ridge Valley @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	285	0.08*	226	0.07*
NBT	2	3400	180	0.05	97	0.03
NBR	D	1700	92	0.05	59	0.03
SBL	1	1700	181	0.11	74	0.04
SBT	2	3400	298	0.09*	68	0.02*
SBR	F		371		264	
EBL	2	3400	100	0.03*	384	0.11*
EBT	3	5100	1277	0.25	1186	0.23
EBR	1	1700	160	0.09	274	0.16
WBL	2	3400	46	0.01	65	0.02
WBT	3	5100	1292	0.25*	1481	0.29*
WBR	1	1700	89	0.05	65	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.54

559 - Ridge Valley @ Great Park Blvd.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	153	0.05	234	0.07
NBT	2	1700	9	0.01*	54	0.03*
NBR	0	1700	50	0.03	97	0.06
SBL	1	1700	138	0.08*	106	0.06*
SBT	2	3400	34	0.01	30	0.01
SBR	F		419		256	
EBL	2	3400	147	0.04	338	0.10*
EBT	2	3400	784	0.23*	607	0.18
EBR	F		194		173	
WBL	1	1700	53	0.03*	67	0.04
WBT	2	3400	654	0.20	569	0.21*
WBR	0		40		131	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.45

560 - Ridge Valley @ Marine Wy.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	120	0.04*	110	0.03*
SBT	0		0		0	
SBR	1	1700	280	0.16	203	0.12
EBL	2	3400	78	0.02*	556	0.16*
EBT	2	3400	491	0.14	528	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	423	0.12*	298	0.09*
WBR	1	1700	155	0.09	158	0.09
Adjustment			SBR	0.10		
Overlaps				Clearance		0.05
Total ICU				0.33		0.33

561 - Bosque @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	96	0.06*	79	0.05*
NBT	0		0		0	
NBR	1	1700	291	0.17	186	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1521	0.30*	1060	0.21
EBR	1	1700	93	0.05	65	0.04
WBL	1	1700	222	0.13*	177	0.10
WBT	3	5100	1572	0.31	1799	0.35*
WBR	0		0		0	
Adjustment			NBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.55		0.45

562 - Skyhawk @ Marine Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	0		0		0	*
NBR	0		0		0	
SBL	1	1700	0		19	0.01*
SBT	0		0	*	0	
SBR	2	3400	415	0.12	184	0.05
EBL	2	3400	141	0.04	488	0.14*
EBT	2	3400	447	0.13*	231	0.07
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	3400	200	0.06	343	0.10*
WBR	1	1700	0		76	0.04
Adjustment			SBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.25		0.30

563 - Chinon @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	312	0.12*	93	0.05*
NBT	0		0		0	
NBR	0.5	850	94	0.12	87	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1664	0.33*	821	0.16
EBR	1	1700	308	0.18	96	0.06
WBL	1	1700	40	0.02*	177	0.10
WBT	3	5100	725	0.14	1614	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.42

565 - Treble @ Marine Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	2	3400	898	0.26*	356	0.10*
SBT	1	1700	0	0.03	0	0.03
SBR	0		48		53	
EBL	1	1700	31	0.02	46	0.03*
EBT	2	3400	378	0.11*	155	0.05
EBR	D	1700	0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	89	0.03	393	0.12*
WBR	1	1700	139	0.08	776	0.46
Adjustment					WBR	0.24
Overlaps	W				Clearance	0.05
Total ICU				0.42		0.54

566 - Marine Wy. @ Barranca Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	44	0.01*	147	0.04*
NBT	0		156		564	
NBR	1	1700	31	0.02	110	0.06
SBL	0		504		433	
SBT	0		737	*	209	*
SBR	0		718		575	
EBL	0		311		739	
EBT	2	3400	62	0.11*	145	0.26*
EBR	1	1700	91	0.05	70	0.04
WBL	2	3400	99	0.03*	54	0.02*
WBT	2	1700	96	0.06	150	0.09
WBR	0	1700	338	0.20	575	0.34
Adjustment			WBR	0.05	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.25		0.40

567 - Marine Wy. @ Alton Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	639	0.19*	415	0.12*
NBT	2	3400	59	0.02	10	0.00
NBR	1	1700	631	0.37	387	0.23
SBL	2	3400	11	0.00	80	0.02
SBT	2	3400	7	0.00*	90	0.03*
SBR	1	1700	11	0.01	86	0.05
EBL	2	3400	65	0.02	15	0.00
EBT	3	5100	691	0.14*	604	0.12*
EBR	F		429		677	
WBL	2	3400	259	0.08*	443	0.13*
WBT	3	5100	422	0.08	424	0.08
WBR	1	1700	39	0.02	10	0.01
Adjustment			NBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.58		0.45

568 - Ada @ Marine Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00*	22	0.01*
NBT	0		0		0	
NBR	1	1700	2	0.00	6	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	407	0.13*	195	0.06
EBR	0		28		7	
WBL	0		3	*	4	
WBT	2	3400	134	0.04	442	0.13*
WBR	1	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.18		0.19

569 - Bake Pkwy @ Marine Wy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	949	0.28*	450	0.13
NBT	3	5100	2611	0.51	2674	0.52*
NBR	1	1700	174	0.10	72	0.04
SBL	1	1700	124	0.07	41	0.02*
SBT	4	6800	2630	0.39*	2484	0.37
SBR	1	1700	674	0.40	256	0.15
EBL	2	3400	237	0.07*	497	0.15*
EBT	1	1700	16	0.01	13	0.01
EBR	2	3400	336	0.10	810	0.24
WBL	1	1700	36	0.02	148	0.09
WBT	2	3400	9	0.00*	15	0.00*
WBR	D	1700	25	0.01	91	0.05
Adjustment					EBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.79		0.79

571 - Portola Springs @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	233	0.07*	275	0.08*
NBT	1	1700	68	0.06	51	0.04
NBR	0		38		21	
SBL	1	1700	8	0.00	7	0.00
SBT	1	1700	95	0.06*	31	0.02*
SBR	D	1700	152	0.09	84	0.05
EBL	1	1700	56	0.03*	153	0.09*
EBT	2	3400	175	0.05	185	0.05
EBR	1	1700	303	0.18	135	0.08
WBL	1	1700	36	0.02	21	0.01
WBT	2	3400	158	0.05*	209	0.06*
WBR	D	1700	4	0.00	12	0.01
Adjustment				Multi 0.08		
Overlaps					Clearance	0.05
Total ICU				0.34		0.30

572 - Modjeska @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03	76	0.04
NBT	1	1700	24	0.01*	61	0.04*
NBR	1	1700	73	0.04	83	0.05
SBL	2	3400	478	0.14*	207	0.06*
SBT	1	1700	97	0.06	20	0.01
SBR	1	1700	419	0.25	275	0.16
EBL	2	3400	171	0.05	381	0.11*
EBT	3	5100	1377	0.27*	787	0.15
EBR	1	1700	67	0.04	43	0.03
WBL	1	1700	88	0.05*	44	0.03
WBT	3	5100	918	0.18	1288	0.25*
WBR	1	1700	259	0.15	315	0.19
Adjustment				SBR 0.02	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.54		0.53

574 - Ridge Valley @ Benchmark
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01	0	
NBT	2	3400	108	0.04*	213	0.08*
NBR	0		22		64	
SBL	1	1700	110	0.06*	40	0.02*
SBT	2	3400	247	0.08	171	0.05
SBR	0		36		2	
EBL	1	1700	21	0.01	12	0.01
EBT	1	1700	6	0.01*	0	0.00*
EBR	0		17		1	
WBL	1	1700	113	0.07*	38	0.02*
WBT	1	1700	4	0.07	0	0.01
WBR	0		108		14	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.17

575 - Ridge Valley @ Hornet
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	49	0.03
NBT	2	3400	50	0.03	242	0.10*
NBR	0		44		96	
SBL	1	1700	56	0.03	94	0.06*
SBT	2	3400	347	0.10*	113	0.03
SBR	D	1700	46	0.03	41	0.02
EBL	1	1700	89	0.05*	40	0.02*
EBT	1	1700	26	0.04	5	0.01
EBR	0		35		18	
WBL	1	1700	70	0.04	70	0.04
WBT	1	1700	10	0.03*	10	0.08*
WBR	0		39		129	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.31

576 - Ridge Valley @ Phantom
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	461	0.17*
NBR	0		39		122	
SBL	1	1700	11	0.01	23	0.01*
SBT	2	3400	395	0.12*	257	0.08
SBR	0		5		6	
EBL	1	1700	3	0.00	5	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		30		16	
WBL	1	1700	27	0.02*	45	0.03*
WBT	1	1700	0	0.00	1	0.01
WBR	0		3		15	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.22		0.27

577 - Pusan Way @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	26	0.02
NBT	1	1700	52	0.03	41	0.02*
NBR	1	1700	64	0.04	39	0.02
SBL	1	1700	18	0.01	34	0.02*
SBT	1	1700	47	0.03*	26	0.02
SBR	1	1700	137	0.08	144	0.08
EBL	1	1700	102	0.06	182	0.11*
EBT	3	5100	1859	0.36*	909	0.18
EBR	1	1700	47	0.03	24	0.01
WBL	1	1700	43	0.03*	45	0.03
WBT	3	5100	1108	0.22	1656	0.32*
WBR	1	1700	44	0.03	56	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.52

579 - Merit @ Irvine Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05*	83	0.02*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	201	0.12	99	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	29	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1342	0.26*	821	0.16
EBR	1	1700	389	0.23	43	0.03
WBL	2	3400	199	0.06*	109	0.03
WBT	3	5100	541	0.11	1726	0.34*
WBR	1	1700	35	0.02	42	0.02
Adjustment			NBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.50		0.43

584 - Orchard Hills Dr. @ Portola Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	229	0.11*	101	0.06*
SBT	0		0		0	
SBR	1.5	2550	332	0.11	220	0.06
EBL	1	1700	101	0.06*	377	0.22*
EBT	3	5100	1196	0.23	690	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1092	0.21*	1011	0.20*
WBR	D	1700	64	0.04	255	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.53

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	94	0.04*	137	0.06*
NBR	0		30		60	
SBL	2	3400	501	0.15*	783	0.23*
SBT	1	1700	90	0.05	112	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	44	0.03*	64	0.04*
WBT	0		0		0	
WBR	2	3400	1275	0.38	432	0.13
Adjustment			WBR	0.24		
Overlaps				Clearance		0.05
Total ICU				0.51		0.38

593 - Alton Pkwy. @ Fairbanks
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	158	0.09*	259	0.15*
NBT	3	3400	267	0.08	938	0.20
NBR	0	1700	145	0.09	86	
SBL	1	1700	3	0.00	1	0.00
SBT	3	5100	1161	0.30*	340	0.10*
SBR	0		355		322	0.19
EBL	1	1700	415	0.24*	319	0.19*
EBT	1	1700	162	0.19	150	0.21
EBR	0		157		212	
WBL	1	1700	95	0.06	30	0.02
WBT	1	1700	235	0.14*	134	0.08*
WBR	0		3		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.57

595 - Skyhawk @ Great Park Blvd
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	155	
NBT	2	1700	0		0	0.09*
NBR	0	1700	247	0.15	389	0.23
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	957	0.28*	690	0.22
EBR	0		0		55	
WBL	0		180	*	216	
WBT	2	3400	699	0.26	1070	0.38*
WBR	0		0		0	
Adjustment			NBR	0.15	NBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.48		0.54

637 - Sterling @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		61	*	118	*
NBT	0		78		11	
NBR	0		11		88	
SBL	0		8		59	
SBT	1	1700	7	0.01*	101	0.11*
SBR	0		6		20	
EBL	1	1700	29	0.02*	2	0.00
EBT	2	3400	242	0.11	910	0.31*
EBR	0		136		145	
WBL	0		17		19	*
WBT	2	3400	510	0.17*	224	0.07
WBR	0		54		5	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.47

640 - Thomas @ Muirlands Bl.
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	26	0.02	41	0.02*
NBT	1	1700	35	0.02*	7	0.00
NBR	D	1700	8	0.00	33	0.02
SBL	1	1700	17	0.01*	36	0.02
SBT	1	1700	6	0.00	23	0.01*
SBR	D	1700	2	0.00	26	0.02
EBL	1	1700	13	0.01*	2	0.00
EBT	2	3400	189	0.06	962	0.28*
EBR	D	1700	43	0.03	75	0.04
WBL	1	1700	57	0.03	1	0.00*
WBT	2	3400	613	0.18*	259	0.08
WBR	D	1700	23	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.36

641 - Thomas @ Rockfield
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		25		316	
SBT	1	1700	0	0.01*	0	0.19*
SBR	D	1700	15	0.01	45	0.03
EBL	1	1700	56	0.03*	72	0.04*
EBT	2	3400	5	0.00	87	0.03
EBR	0		0		0	
WBL	0		0		0	
WBT	1	1700	136	0.08*	60	0.04*
WBR	1	1700	221	0.13	14	0.01
Adjustment			WBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.21		0.32

655 - Ridge Valley @ Corsair
Short Term Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01*	42	0.02
NBT	2	3400	65	0.03	375	0.15*
NBR	0		44		123	
SBL	1	1700	24	0.01	40	0.02*
SBT	2	3400	403	0.12*	153	0.05
SBR	D	1700	18	0.01	0	
EBL	1	1700	13	0.01	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		84		23	
WBL	1	1700	76	0.04*	71	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	24	0.01	16	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.27

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Short Term Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	428	0.25*	2	0.00*
SBT	0		0		0	
SBR	1.5	2550	456	0.26	458	0.14
EBL	2	3400	796	0.23	866	0.25*
EBT	1	1700	534	0.31*	154	0.09
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	1700	61	0.04	832	0.25*
WBR	0	1700	86	0.05	24	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.55

581 - Lynx @ Irvine Bl.

Short Term Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	9	0.01*	6	0.00*
NBT	1	1700	0		0	
NBR	1	1700	94	0.06	25	0.01
SBL	1	1700	9	0.01	8	0.00
SBT	1	1700	0	0.00*	0	0.00*
SBR	0		1		2	
EBL	1	1700	2	0.00	1	0.00*
EBT	3	5100	2552	0.50*	902	0.18
EBR	1	1700	5	0.00	6	0.00
WBL	1	1700	27	0.02*	70	0.04
WBT	3	5100	1182	0.23	2273	0.45*
WBR	0		8		9	
Adjustment			NBR	0.04		
Overlaps					Clearance	0.05
Total ICU				0.62		0.50

ITAM ICU Intersection Report
Short-Term Approved Plus Project

16 - Newport Av. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	107	0.06*	132	0.08
NBT	3	5100	457	0.09	809	0.16*
NBR	1	1700	185	0.11	329	0.19
SBL	1	1700	144	0.08	105	0.06*
SBT	3	5100	1221	0.24*	494	0.10
SBR	D	1700	197	0.12	231	0.14
EBL	2	3400	106	0.03	188	0.06*
EBT	3	5100	776	0.15*	894	0.18
EBR	D	1700	53	0.03	82	0.05
WBL	2	3400	299	0.09*	140	0.04
WBT	3	5100	940	0.18	837	0.16*
WBR	D	1700	19	0.01	14	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.59 0.49

34 - Red Hill Av. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	661	0.19*
NBT	1	1700	170	0.10	349	0.21
NBR	1	1700	105	0.06	112	0.07
SBL	2	3400	188	0.06	128	0.04
SBT	2	3400	382	0.11*	186	0.05*
SBR	D	1700	115	0.07	65	0.04
EBL	1	1700	40	0.02	73	0.04*
EBT	3	5100	993	0.25*	1274	0.29
EBR	0		279		222	
WBL	1	1700	175	0.10*	236	0.14
WBT	3	5100	1493	0.31	2114	0.43*
WBR	0		84		99	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.76

54 - Browning Av. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	95	0.06*	97	0.06*
NBT	1	1700	97	0.06	34	0.02
NBR	1	1700	38	0.02	35	0.02
SBL	0		36		17	
SBT	1	1700	60	0.06*	13	0.02*
SBR	D	1700	71	0.04	28	0.02
EBL	1	1700	48	0.03*	26	0.02*
EBT	2	3400	1392	0.41	1322	0.39
EBR	D	1700	113	0.07	54	0.03
WBL	1	1700	42	0.02	51	0.03
WBT	2	3400	1644	0.48*	2026	0.60*
WBR	D	1700	37	0.02	33	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.75

91 - Tustin Ranch Rd. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	169	0.05*	500	0.15*
NBT	3	5100	435	0.09	765	0.15
NBR	1	1700	174	0.10	289	0.17
SBL	2	3400	264	0.08	118	0.03
SBT	3	5100	1141	0.22*	377	0.07*
SBR	1	1700	427	0.25	259	0.15
EBL	2	3400	172	0.05*	259	0.08*
EBT	3	5100	856	0.17	905	0.18
EBR	1	1700	412	0.24	211	0.12
WBL	2	3400	307	0.09	116	0.03
WBT	3	5100	1141	0.22*	1331	0.26*
WBR	1	1700	177	0.10	241	0.14

Adjustment EBR 0.02
Overlaps N S Clearance 0.05

Total ICU 0.61 0.61

123 - Jamboree Rd. @ Tustin Ranch Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	118	0.07*	37	0.02
NBT	2	3400	319	0.09	2030	0.60*
NBR	1	1700	15	0.01	5	0.00
SBL	1	1700	13	0.01	0	*
SBT	2	3400	2078	0.61*	501	0.15
SBR	1	1700	214	0.13	41	0.02
EBL	2	3400	60	0.02*	224	0.07*
EBT	1	1700	13	0.01	2	0.00
EBR	1	1700	27	0.02	9	0.01
WBL	1	1700	12	0.01	44	0.03
WBT	1	1700	3	0.00*	24	0.01*
WBR	1	1700	6	0.00	31	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.75 0.73

124 - Jamboree Rd. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	35	0.01*	84	0.02
NBT	3	5100	208	0.04	989	0.19*
NBR	F		129		188	
SBL	2	3400	637	0.19	268	0.08*
SBT	3	5100	1208	0.24*	379	0.07
SBR	D	1700	9	0.01	10	0.01
EBL	1	1700	10	0.01	23	0.01*
EBT	2	3400	203	0.06*	263	0.08
EBR	D	1700	57	0.03	81	0.05
WBL	1	1700	185	0.11*	193	0.11
WBT	2	3400	350	0.10	662	0.19*
WBR	2	3400	207	0.06	1139	0.34

Adjustment WBR 0.09
Overlaps Clearance 0.05

Total ICU 0.47 0.61

125 - Jamboree Rd. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	183	0.05*	456	0.13
NBT	3	5100	483	0.09	1483	0.29*
NBR	1	1700	126	0.07	447	0.26
SBL	2	3400	295	0.09	202	0.06*
SBT	3	5100	2165	0.42*	751	0.15
SBR	F		152		77	
EBL	2	3400	131	0.04	235	0.07*
EBT	3	5100	797	0.16*	980	0.19
EBR	1	1700	362	0.21	276	0.16
WBL	2	3400	575	0.17*	314	0.09
WBT	3	5100	1097	0.22	1387	0.27*
WBR	D	1700	192	0.11	338	0.20
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.86		0.74

126 - Jamboree Rd. @ Bryan Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	59	0.02*	330	0.10
NBT	4	6800	526	0.08	2208	0.32*
NBR	1	1700	82	0.05	408	0.24
SBL	2	3400	114	0.03	159	0.05*
SBT	4	6800	2339	0.34*	980	0.14
SBR	D	1700	86	0.05	211	0.12
EBL	2	3400	76	0.02	213	0.06*
EBT	2	3400	236	0.07*	393	0.12
EBR	D	1700	221	0.13	169	0.10
WBL	2	3400	452	0.13*	310	0.09
WBT	2	3400	348	0.10	792	0.23*
WBR	1	1700	73	0.04	263	0.15
Adjustment			EBR	0.04		
Overlaps					Clearance	0.05
Total ICU				0.65		0.71

127 - Jamboree Rd. @ El Camino Real
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	179	0.05*	673	0.20
NBT	4	6800	679	0.10	2543	0.37*
NBR	1	1700	621	0.37	389	0.23
SBL	1	1700	212	0.12	78	0.05*
SBT	4	6800	2772	0.41*	1022	0.15
SBR	1	1700	87	0.05	261	0.15
EBL	1	1700	52	0.03	273	0.16*
EBT	1	1700	166	0.10*	167	0.10
EBR	2	3400	277	0.08	341	0.10
WBL	2	3400	471	0.14*	492	0.14
WBT	2	3400	127	0.06	331	0.16*
WBR	0		91		196	
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.75		0.79

128 - Jamboree Rd. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1138	0.17	2698	0.40*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2959	0.44*	1528	0.22
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1041	0.31*	429	0.25*
WBT	0		0		0	
WBR	1.5	1700	340	0.20	1065	0.31
Adjustment					WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.80		0.76

129 - Jamboree Rd. @ I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1154	0.17	2407	0.35*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3207	0.47*	1465	0.22
SBR	F		0		0	
EBL	2	3400	465	0.14*	593	0.17*
EBT	0		0		0	
EBR	2	3400	681	0.20	576	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.72		0.57

131 - Jamboree Rd. SB @ Walnut Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	332	0.10	317	0.09
SBT	2	3400	804	0.24*	462	0.14*
SBR	1	1700	403	0.24	189	0.11
EBL	0		0		0	
EBT	3	5100	331	0.06*	715	0.14*
EBR	1	1700	211	0.12	429	0.25
WBL	2	3400	367	0.11*	337	0.10*
WBT	3	5100	593	0.12	1046	0.21
WBR	0		0		0	
Adjustment			EBR	0.06	EBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.52		0.54

132 - Jamboree Rd. NB @ Walnut Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	278	0.08	404	0.12
NBT	2	3400	354	0.10*	565	0.17*
NBR	D	1700	176	0.10	523	0.31
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	83	0.02*	272	0.08*
EBT	3	5100	571	0.11	764	0.15
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	685	0.13*	1004	0.20*
WBR	1	1700	300	0.18	377	0.22
Adjustment			WBR	0.05	Multi	0.06
Overlaps					Clearance	0.05
Total ICU				0.35		0.56

133 - Jamboree Rd. @ Edinger Av.
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	78	0.02	256	0.08
NBT	0		0	*	0	*
NBR	1	1700	71	0.04	221	0.13
SBL	2	3400	286	0.08*	284	0.08*
SBT	0		0		0	
SBR	F		669		421	
EBL	2	3400	241	0.07*	523	0.15*
EBT	3	5100	702	0.16	997	0.22
EBR	0		92		121	
WBL	2	3400	230	0.07	150	0.04
WBT	3	5100	1011	0.20*	1359	0.27*
WBR	1	1700	276	0.16	279	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.55

135 - Jamboree Rd. NB @ Warner Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		15		10	
SBT	1	1700	0	0.01*	0	0.01*
SBR	1	1700	24	0.01	125	0.07
EBL	1	1700	277	0.16*	692	0.41*
EBT	2	3400	510	0.15	850	0.25
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	408	0.12*	779	0.23*
WBR	D	1700	219	0.13	343	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.70

136 - Jamboree Rd. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	171	0.05*	470	0.14
NBT	5	8500	818	0.10	3113	0.37*
NBR	1	1700	107	0.06	118	0.07
SBL	2	3400	367	0.11	281	0.08*
SBT	4	6800	2954	0.43*	1197	0.18
SBR	F		1448		505	
EBL	3	5100	224	0.04	1058	0.21*
EBT	2	3400	414	0.12*	582	0.17
EBR	1	1700	139	0.08	214	0.13
WBL	2	3400	157	0.05*	92	0.03
WBT	3	5100	621	0.12	670	0.13*
WBR	F		184		588	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.84

157 - SR-261 SB Ramps @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	99	0.06*	68	0.04*
SBT	0		0		0	
SBR	2	3400	32	0.01	35	0.01
EBL	0		0		0	*
EBT	3	5100	887	0.17*	740	0.15
EBR	1	1700	109	0.06	38	0.02
WBL	2	3400	192	0.06*	67	0.02
WBT	3	5100	664	0.13	1991	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.48

158 - SR-261 NB Ramps @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	20	0.01*	110	0.06*
NBT	0		0		0	
NBR	0.5	1700	41	0.02	194	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	35	0.01	27	0.01*
EBT	3	5100	932	0.18*	780	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	863	0.17	1930	0.38*
WBR	1	1700	96	0.06	99	0.06
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.25		0.50

159 - SR-261 SB Ramps @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	54	0.02*	86	0.03*
SBT	0		0		0	
SBR	1	1700	171	0.10	26	0.02
EBL	0		0	*	0	*
EBT	3	5100	943	0.18	1348	0.26
EBR	D	1700	56	0.03	11	0.01
WBL	2	3400	387	0.11	145	0.04
WBT	3	5100	1554	0.30*	2017	0.40*
WBR	0		0		0	
Adjustment			SBR	0.08		
Overlaps				Clearance		0.05
Total ICU				0.45		0.48

160 - SR-261 NB Ramps @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	9	0.01*	194	0.10*
NBT	0		1		1	0.10
NBR	1.5	3400	48	0.01	313	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	31	0.02*	90	0.05*
EBT	3	5100	824	0.16	1171	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1574	0.31*	1910	0.37*
WBR	1	1700	71	0.04	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.57

218 - Culver Dr. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	139	0.04*	321	0.09*
NBT	2	3400	151	0.04	234	0.07
NBR	1	1700	201	0.12	222	0.13
SBL	2	3400	87	0.03	101	0.03
SBT	2	3400	301	0.09*	241	0.07*
SBR	1	1700	141	0.08	113	0.07
EBL	2	3400	94	0.03	135	0.04*
EBT	3	5100	649	0.13*	477	0.09
EBR	1	1700	225	0.13	160	0.09
WBL	2	3400	215	0.06*	188	0.06
WBT	3	5100	532	0.10	1528	0.30*
WBR	1	1700	51	0.03	92	0.05
Adjustment						
Overlaps		N S E		Clearance		0.05
Total ICU				0.37		0.55

220 - Culver Dr. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	145	0.04*	388	0.11
NBT	3	5100	415	0.08	1077	0.21*
NBR	1	1700	179	0.11	413	0.24
SBL	2	3400	176	0.05	167	0.05*
SBT	3	5100	1168	0.23*	630	0.12
SBR	D	1700	178	0.10	155	0.09
EBL	2	3400	74	0.02	194	0.06*
EBT	3	5100	526	0.10*	696	0.14
EBR	D	1700	228	0.13	158	0.09
WBL	2	3400	494	0.15*	269	0.08
WBT	3	5100	889	0.17	1437	0.28*
WBR	D	1700	54	0.03	134	0.08
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.57		0.65

221 - Culver Dr. @ Bryan Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	202	0.06*	618	0.18
NBT	3	5100	644	0.13	1787	0.35*
NBR	1	1700	183	0.11	378	0.22
SBL	2	3400	75	0.02	75	0.02*
SBT	3	5100	1859	0.36*	939	0.18
SBR	D	1700	200	0.12	133	0.08
EBL	2	3400	105	0.03	180	0.05*
EBT	1.5	2550	222	0.10*	439	0.16
EBR	1.5	2550	286	0.10	392	0.16
WBL	2	3400	371	0.11*	197	0.06
WBT	2	3400	335	0.13	548	0.19*
WBR	0		90		85	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.68		0.66

222 - Culver Dr. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	795	0.16	2278	0.45*
NBR	F		704		928	
SBL	1	1700	106	0.06	105	0.06*
SBT	3	5100	2084	0.41*	1252	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	700	0.21*	657	0.19*
WBT	0		0		0	
WBR	2	3400	233	0.07	663	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.75

223 - Culver Dr. @ I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	967	0.14	2090	0.31*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2134	0.42*	1497	0.29
SBR	F		0		0	
EBL	3	5100	557	0.11*	1124	0.22*
EBT	0		0		0	
EBR	2	3400	434	0.13	726	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.60		0.58

224 - Culver Dr. @ Walnut Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	127	0.04*	220	0.06
NBT	3	5100	787	0.15	1548	0.30*
NBR	1	1700	321	0.19	348	0.20
SBL	2	3400	135	0.04	277	0.08*
SBT	3	5100	1700	0.33*	1235	0.24
SBR	1	1700	382	0.22	366	0.22
EBL	2	3400	298	0.09*	510	0.15*
EBT	2	3400	431	0.13	609	0.18
EBR	1	1700	169	0.10	106	0.06
WBL	2	3400	395	0.12	319	0.09
WBT	2	3400	555	0.16*	679	0.20*
WBR	1	1700	224	0.13	235	0.14
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.67		0.78

226 - Culver Dr. @ ICD
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	244	0.07*	342	0.10*
NBT	4	6800	751	0.11	1442	0.21
NBR	F		376		434	
SBL	2	3400	178	0.05	190	0.06
SBT	4	6800	1813	0.27*	1194	0.18*
SBR	1	1700	197	0.12	183	0.11
EBL	2	3400	116	0.03	190	0.06*
EBT	3	5100	816	0.16*	758	0.15
EBR	F		304		349	
WBL	2	3400	420	0.12*	304	0.09
WBT	3	5100	904	0.18	1735	0.34*
WBR	F		126		175	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.67		0.73

227 - Culver Dr. @ Warner Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	37	0.02*	94	0.06
NBT	3	5100	883	0.17	2152	0.42*
NBR	1	1700	81	0.05	147	0.09
SBL	1	1700	103	0.06	117	0.07*
SBT	3	5100	2281	0.45*	1578	0.31
SBR	D	1700	117	0.07	192	0.11
EBL	2	3400	163	0.05	149	0.04
EBT	2	3400	181	0.05*	165	0.05*
EBR	D	1700	128	0.08	107	0.06
WBL	1	1700	178	0.10*	70	0.04*
WBT	2	3400	213	0.06	142	0.04
WBR	D	1700	192	0.11	143	0.08
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.68		0.63

228 - Culver Dr. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	134	0.04*	165	0.05
NBT	3	5100	723	0.14	1720	0.34*
NBR	1	1700	288	0.17	300	0.18
SBL	2	3400	444	0.13	237	0.07*
SBT	3	5100	1881	0.37*	1294	0.25
SBR	F		300		224	
EBL	2	3400	130	0.04*	450	0.13*
EBT	2	3400	583	0.17	721	0.21
EBR	1	1700	178	0.10	237	0.14
WBL	2	3400	208	0.06	263	0.08
WBT	2	3400	679	0.20*	752	0.22*
WBR	D	1700	128	0.08	256	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.81

229 - Culver Dr. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	134	0.04*	193	0.06
NBT	4	6800	997	0.15	1983	0.29*
NBR	1	1700	258	0.15	407	0.24
SBL	2	3400	121	0.04	239	0.07*
SBT	3	5100	1825	0.36*	1199	0.24
SBR	F		312		325	
EBL	2	3400	145	0.04*	263	0.08
EBT	3	5100	445	0.12	835	0.20*
EBR	0		176		193	
WBL	2	3400	297	0.09	271	0.08*
WBT	2	3400	678	0.20*	693	0.20
WBR	1	1700	201	0.12	260	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.69		0.69

232 - Culver Dr. @ I-405 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1376	0.27	2362	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1715	0.34*	1409	0.28
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	580	0.17*	437	0.13*
WBT	0		0		0	
WBR	1	1700	160	0.09	308	0.18
Adjustment					WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.56		0.69

233 - Culver Dr. @ I-405 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1475	0.29	1707	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1897	0.37*	1470	0.29
SBR	F		0		0	
EBL	1.5	2550	654	0.20*	930	0.27*
EBT	0		0		0	
EBR	1.5	2550	383	0.20	407	0.24
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.65

235 - Culver Dr. @ University Dr.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	54	0.02*	52	0.02*
NBT	4	6800	1053	0.15	1364	0.20
NBR	2	3400	687	0.20	878	0.26
SBL	2	3400	69	0.02	56	0.02
SBT	3	5100	1188	0.23*	1080	0.21*
SBR	D	1700	373	0.22	141	0.08
EBL	2	3400	64	0.02	239	0.07
EBT	3	5100	916	0.18*	1248	0.24*
EBR	D	1700	49	0.03	60	0.04
WBL	2	3400	756	0.22*	680	0.20*
WBT	3	5100	1346	0.28	633	0.14
WBR	0		76		58	
Adjustment						
Overlaps	N				Clearance	0.05
Total ICU				0.70		0.72

243 - Yale Av. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	71	0.04	59	0.03
NBT	2	1700	108	0.06*	47	0.03*
NBR	0	1700	172	0.10	118	0.07
SBL	1	1700	88	0.05*	77	0.05*
SBT	1	1700	69	0.04	48	0.03
SBR	D	1700	108	0.06	104	0.06
EBL	1	1700	99	0.06	85	0.05*
EBT	3	5100	743	0.15*	618	0.12
EBR	D	1700	70	0.04	79	0.05
WBL	1	1700	217	0.13*	159	0.09
WBT	3	5100	675	0.13	1643	0.32*
WBR	D	1700	104	0.06	80	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.50

249 - Yale Av. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	100	0.06	213	0.13
NBT	2	3400	267	0.08*	311	0.09*
NBR	D	1700	109	0.06	124	0.07
SBL	1	1700	276	0.16*	169	0.10*
SBT	2	3400	410	0.12	161	0.05
SBR	D	1700	322	0.19	136	0.08
EBL	1	1700	111	0.07*	235	0.14*
EBT	3	5100	640	0.14	924	0.20
EBR	0		87		120	
WBL	1	1700	133	0.08	93	0.05
WBT	3	5100	846	0.20*	1435	0.33*
WBR	0		188		242	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.71

252 - Yale Av. @ Bryan Av.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	186	0.11*
NBT	2	3400	237	0.07	401	0.12
NBR	D	1700	39	0.02	45	0.03
SBL	1	1700	27	0.02	33	0.02
SBT	2	3400	422	0.12*	297	0.09*
SBR	D	1700	58	0.03	78	0.05
EBL	1	1700	39	0.02*	129	0.08*
EBT	2	3400	195	0.06	444	0.13
EBR	D	1700	72	0.04	111	0.07
WBL	1	1700	52	0.03	34	0.02
WBT	2	3400	356	0.10*	527	0.16*
WBR	D	1700	20	0.01	43	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.49

255 - Yale Av. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	130	0.08*	97	0.06
NBT	2	3400	287	0.08	651	0.19*
NBR	D	1700	103	0.06	187	0.11
SBL	1	1700	157	0.09	103	0.06*
SBT	2	3400	431	0.13*	354	0.10
SBR	D	1700	215	0.13	72	0.04
EBL	1	1700	49	0.03	161	0.09*
EBT	2	3400	254	0.07*	373	0.11
EBR	D	1700	51	0.03	101	0.06
WBL	1	1700	141	0.08*	82	0.05
WBT	2	3400	388	0.11	341	0.10*
WBR	D	1700	65	0.04	164	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.49

259 - Yale Av. @ Walnut Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05	112	0.03
NBT	2	3400	221	0.10*	456	0.16*
NBR	0		132		88	
SBL	1	1700	124	0.07*	99	0.06*
SBT	2	3400	335	0.10	255	0.08
SBR	1	1700	383	0.23	259	0.15
EBL	1	1700	230	0.14*	500	0.29*
EBT	2	3400	485	0.14	411	0.12
EBR	D	1700	158	0.09	131	0.08
WBL	1	1700	65	0.04	80	0.05
WBT	2	3400	374	0.11*	644	0.19*
WBR	D	1700	58	0.03	260	0.15
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.47		0.75

261 - Yale Av. @ ICD
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	179	0.11*	117	0.07*
NBT	2	3400	156	0.05	196	0.06
NBR	D	1700	213	0.13	82	0.05
SBL	1	1700	218	0.13	97	0.06
SBT	2	3400	239	0.07*	165	0.05*
SBR	D	1700	414	0.24	148	0.09
EBL	2	3400	191	0.06	355	0.10*
EBT	3	5100	1056	0.23*	848	0.20
EBR	0		129		172	
WBL	1	1700	96	0.06*	118	0.07
WBT	3	5100	783	0.15	1828	0.36*
WBR	1	1700	119	0.07	264	0.16
Adjustment			Multi	0.09		
Overlaps				Clearance		0.05
Total ICU				0.61		0.63

264 - W. Yale Lp. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	119	0.07*	90	0.05
NBT	2	3400	136	0.04	173	0.05*
NBR	D	1700	92	0.05	62	0.04
SBL	1	1700	149	0.09	89	0.05*
SBT	2	3400	213	0.06*	98	0.03
SBR	D	1700	180	0.11	87	0.05
EBL	2	3400	71	0.02	130	0.04*
EBT	2	3400	1029	0.30*	1041	0.31
EBR	D	1700	78	0.05	45	0.03
WBL	1	1700	73	0.04*	38	0.02
WBT	2	3400	726	0.23	1104	0.37*
WBR	0		72		150	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.56

267 - E. Yale Lp. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04	97	0.06
NBT	2	3400	132	0.04*	231	0.07*
NBR	D	1700	181	0.11	152	0.09
SBL	1	1700	366	0.22*	154	0.09*
SBT	2	3400	352	0.10	156	0.05
SBR	D	1700	169	0.10	87	0.05
EBL	1	1700	97	0.06*	148	0.09*
EBT	2	3400	631	0.19	892	0.26
EBR	D	1700	68	0.04	102	0.06
WBL	1	1700	137	0.08	85	0.05
WBT	2	3400	822	0.24*	937	0.28*
WBR	D	1700	221	0.13	332	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.58

268 - W. Yale Loop @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	163	0.10*	97	0.06*
NBT	2	3400	212	0.06	141	0.04
NBR	D	1700	280	0.16	186	0.11
SBL	1	1700	43	0.03	33	0.02
SBT	2	3400	171	0.05*	110	0.03*
SBR	D	1700	123	0.07	89	0.05
EBL	1	1700	69	0.04*	48	0.03
EBT	2	3400	693	0.20	1264	0.37*
EBR	D	1700	78	0.05	160	0.09
WBL	1	1700	77	0.05	184	0.11*
WBT	2	3400	924	0.27*	1028	0.30
WBR	D	1700	79	0.05	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.62

271 - E. Yale Lp. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	165	0.10*	101	0.06*
NBT	2	3400	291	0.09	148	0.04
NBR	D	1700	549	0.32	228	0.13
SBL	2	3400	167	0.05	145	0.04
SBT	2	3400	141	0.04*	137	0.04*
SBR	D	1700	130	0.08	91	0.05
EBL	1	1700	112	0.07*	164	0.10
EBT	2	3400	797	0.28	1086	0.36*
EBR	0		152		143	
WBL	2	3400	192	0.06	363	0.11*
WBT	2	3400	930	0.27*	1002	0.29
WBR	D	1700	130	0.08	109	0.06
Adjustment			NBR	0.18		
Overlaps				Clearance		0.05
Total ICU				0.71		0.62

282 - Jeffrey Rd. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	431	0.13*	755	0.22*
NBT	2	3400	39	0.01	104	0.03
NBR	1	1700	182	0.11	214	0.13
SBL	2	3400	145	0.04	70	0.02
SBT	3	3400	156	0.05*	48	0.01*
SBR	0	1700	342	0.20	245	0.14
EBL	2	3400	137	0.04	218	0.06*
EBT	3	5100	644	0.13*	452	0.09
EBR	1	1700	695	0.41	313	0.18
WBL	2	3400	270	0.08*	210	0.06
WBT	3	5100	593	0.12	1066	0.21*
WBR	D	1700	53	0.03	146	0.09
Adjustment			Multi	0.23	SBR	0.08
Overlaps		E		Clearance		0.05
Total ICU				0.67		0.63

283 - Jeffrey Rd. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	122	0.04*	365	0.11
NBT	3	5100	433	0.08	1000	0.20*
NBR	F		212		413	
SBL	2	3400	206	0.06	110	0.03*
SBT	3	5100	833	0.16*	400	0.08
SBR	1	1700	157	0.09	105	0.06
EBL	2	3400	69	0.02	164	0.05*
EBT	3	5100	667	0.13*	778	0.15
EBR	D	1700	184	0.11	155	0.09
WBL	2	3400	442	0.13*	242	0.07
WBT	3	5100	837	0.16	1362	0.27*
WBR	D	1700	146	0.09	205	0.12
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.60

284 - Jeffrey Rd. @ Bryan Av.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	77	0.02*	484	0.14
NBT	3	5100	589	0.12	1554	0.30*
NBR	D	1700	85	0.05	340	0.20
SBL	2	3400	34	0.01	46	0.01*
SBT	3	5100	1242	0.24*	661	0.13
SBR	1	1700	145	0.09	123	0.07
EBL	1	1700	125	0.07*	138	0.08*
EBT	2	3400	98	0.03	197	0.06
EBR	D	1700	177	0.10	145	0.09
WBL	2	3400	336	0.10	153	0.05
WBT	1	1700	159	0.09*	166	0.10*
WBR	D	1700	91	0.05	56	0.03
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.49		0.54

285 - Jeffrey Rd. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	238	0.07
NBT	3	5100	598	0.12	2080	0.41*
NBR	1	1700	190	0.11	290	0.17
SBL	2	3400	360	0.11	75	0.02*
SBT	3	5100	1426	0.28*	823	0.16
SBR	1	1700	160	0.09	107	0.06
EBL	2	3400	85	0.03	221	0.07*
EBT	2	3400	317	0.09*	301	0.09
EBR	1	1700	163	0.10	134	0.08
WBL	2	3400	271	0.08*	252	0.07
WBT	2	3400	300	0.09	377	0.11*
WBR	1	1700	87	0.05	168	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.66

286 - Jeffrey Rd. @ Roosevelt
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	193	0.06*	494	0.15
NBT	4	6800	526	0.08	2311	0.34*
NBR	1	1700	201	0.12	596	0.35
SBL	1	1700	61	0.04	89	0.05*
SBT	3	5100	1703	0.33*	931	0.18
SBR	D	1700	57	0.03	138	0.08
EBL	1	1700	41	0.02	172	0.10
EBT	1	1700	99	0.06*	167	0.10*
EBR	1	1700	358	0.21	408	0.24
WBL	2	3400	827	0.24*	258	0.08*
WBT	1	1700	168	0.10	117	0.07
WBR	1	1700	305	0.18	120	0.07
Adjustment			EBR	0.09		
Overlaps		E		Clearance		0.05
Total ICU				0.83		0.62

287 - Jeffrey Rd. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	651	0.13	2378	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2096	0.41*	1234	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	848	0.25*	662	0.29*
WBT	0		0		0	
WBR	1.5	1700	325	0.19	828	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.81

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	79	0.02*	298	0.09*
NBT	3	5100	661	0.13	1554	0.30
NBR	1	1700	209	0.12	301	0.18
SBL	2	3400	645	0.19	325	0.10
SBT	3	5100	2110	0.46*	1204	0.35*
SBR	0		256		673	0.40
EBL	2	3400	142	0.04	295	0.09
EBT	1.5	3400	484	0.14*	297	0.10*
EBR	1.5	1700	241	0.14	189	0.10
WBL	2	3400	283	0.08*	680	0.20*
WBT	1	1700	27	0.02	250	0.15
WBR	2	3400	152	0.04	901	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.75		0.79

289 - Jeffrey Rd. @ ICD
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	147	0.04*	281	0.08
NBT	3	5100	608	0.12	1426	0.28*
NBR	1	1700	178	0.10	164	0.10
SBL	2	3400	189	0.06	134	0.04*
SBT	3	5100	1819	0.36*	1047	0.21
SBR	1	1700	325	0.19	444	0.26
EBL	2	3400	196	0.06	254	0.07*
EBT	3	5100	1042	0.20*	549	0.11
EBR	F		272		163	
WBL	2	3400	168	0.05*	111	0.03
WBT	3	5100	513	0.10	1445	0.28*
WBR	1	1700	134	0.08	297	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.72

290 - Jeffrey Rd. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	167	0.05*	254	0.07*
NBT	3	5100	913	0.21	1348	0.30
NBR	0		181		170	
SBL	2	3400	80	0.02	92	0.03
SBT	3	5100	1688	0.40*	1216	0.29*
SBR	0		369		271	
EBL	2	3400	321	0.09*	395	0.12*
EBT	2	3400	614	0.18	557	0.16
EBR	D	1700	256	0.15	244	0.14
WBL	2	3400	124	0.04	391	0.12
WBT	2	3400	643	0.19*	830	0.24*
WBR	1	1700	59	0.03	127	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.77

291 - Jeffrey Rd. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	357	0.11*	434	0.13*
NBT	3	5100	881	0.17	1291	0.25
NBR	1	1700	242	0.14	326	0.19
SBL	2	3400	154	0.05	283	0.08
SBT	3	5100	1840	0.36*	1322	0.26*
SBR	D	1700	113	0.07	233	0.14
EBL	2	3400	215	0.06	242	0.07*
EBT	2	3400	752	0.22*	884	0.26
EBR	D	1700	587	0.35	354	0.21
WBL	3	5100	435	0.09*	391	0.08
WBT	2	3400	808	0.24	907	0.27*
WBR	D	1700	97	0.06	127	0.07
Adjustment			EBR	0.05		
Overlaps	N			Clearance		0.05
Total ICU				0.88		0.78

293 - Jeffrey Rd. @ I-405 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	3	5100	925	0.18	1653	0.32*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1790	0.35*	1328	0.26
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1326	0.39*	992	0.29*
WBT	0		0		0	
WBR	1	1700	120	0.07	351	0.21
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.79		0.66

294 - University Dr. @ I-405 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1142	0.22	1540	0.30
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2707	0.53*	2070	0.41*
SBR	F		0		0	
EBL	2	3400	201	0.06*	273	0.08*
EBT	0		0		0	
EBR	1	1700	126	0.07	94	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.65		0.54

300 - Sand Canyon Av. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	222	0.07*	737	0.22*
NBT	1	1700	2	0.00	1	0.00
NBR	1	1700	147	0.09	389	0.23
SBL	0		2		3	
SBT	1	1700	2	0.00*	1	0.01*
SBR	0		3		5	
EBL	1	1700	7	0.00	1	0.00*
EBT	2	3400	443	0.13*	409	0.12
EBR	F		450		209	
WBL	2	3400	403	0.12*	153	0.05
WBT	2	3400	598	0.18	566	0.17*
WBR	0		6		1	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.45

301 - Sand Canyon Av. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	185	0.05
NBT	3	5100	272	0.05*	752	0.15*
NBR	2	3400	391	0.12	427	0.13
SBL	2	3400	367	0.11*	214	0.06*
SBT	3	5100	600	0.12	320	0.06
SBR	D	1700	154	0.09	95	0.06
EBL	2	3400	76	0.02	206	0.06*
EBT	4	6800	936	0.14*	968	0.14
EBR	1	1700	134	0.08	83	0.05
WBL	2	3400	551	0.16*	396	0.12
WBT	3	5100	1024	0.20	1280	0.25*
WBR	1	1700	221	0.13	394	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.57

302 - Sand Canyon Av. @ Trabuco Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	40	0.01*	123	0.04
NBT	3	5100	511	0.10	1547	0.30*
NBR	F		491		608	
SBL	2	3400	147	0.04	155	0.05*
SBT	3	5100	1247	0.24*	616	0.12
SBR	1	1700	241	0.14	137	0.08
EBL	2	3400	175	0.05	144	0.04
EBT	3	5100	505	0.10*	369	0.07*
EBR	F		159		74	
WBL	2	3400	578	0.17*	334	0.10*
WBT	3	5100	485	0.10	517	0.10
WBR	D	1700	101	0.06	213	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.57

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	358	0.11*	522	0.15*
NBT	3	5100	671	0.13	1589	0.31
NBR	D	1700	0		0	
SBL	1	1700	0		17	0.01
SBT	3	5100	1684	0.33*	922	0.18*
SBR	1	1700	485	0.29	158	0.09
EBL	1.5	3400	266	0.08*	935	0.28*
EBT	0.5	0	0		0	
EBR	2	3400	535	0.16	406	0.12
WBL	1	1700	20	0.01*	0	
WBT	1	1700	0		4	0.00*
WBR	0		0		0	
Adjustment				EBR 0.01		
Overlaps					Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.66

304 - Sand Canyon Av. @ Old Marine Wy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	877	0.17	1994	0.39*
NBR	1	1700	444	0.26	751	0.44
SBL	2	3400	243	0.07	334	0.10*
SBT	3	5100	2025	0.40*	978	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	452	0.13*	386	0.11*
WBT	0		0		0	
WBR	1	1700	210	0.12	178	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.65

305 - Sand Canyon Av. @ I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	737	0.11*	1669	0.25*
NBR	1	1700	66	0.04	297	0.17
SBL	2	3400	698	0.21*	465	0.14*
SBT	4	6800	1877	0.28	887	0.13
SBR	0		0		0	
EBL	2.5	3400	512	0.15*	1061	0.21*
EBT	0		0		0	
EBR	1.5	3400	669	0.20	306	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.54		0.65

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	51	0.03*	55	0.03
NBT	3	5100	460	0.09	1239	0.24*
NBR	1	1700	76	0.04	21	0.01
SBL	2	3400	611	0.18	72	0.02*
SBT	3	5100	1797	0.35*	707	0.14
SBR	D	1700	483	0.28	71	0.04
EBL	2	3400	57	0.02*	369	0.11*
EBT	1	1700	20	0.01	53	0.03
EBR	D	1700	32	0.02	71	0.04
WBL	2	3400	23	0.01	144	0.04
WBT	1	1700	49	0.03*	21	0.01*
WBR	F		80		502	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.43

307 - Sand Canyon Av. @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	170	0.05
NBT	3	5100	465	0.09	772	0.15*
NBR	1	1700	121	0.07	41	0.02
SBL	2	3400	328	0.10	161	0.05*
SBT	3	5100	1373	0.27*	655	0.13
SBR	1	1700	291	0.17	212	0.12
EBL	2	3400	158	0.05	205	0.06*
EBT	3	5100	729	0.14*	456	0.09
EBR	1	1700	97	0.06	101	0.06
WBL	2	3400	84	0.02*	167	0.05
WBT	3	5100	467	0.09	952	0.19*
WBR	1	1700	108	0.06	225	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.50

309 - Sand Canyon Av. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	193	0.06*
NBT	3	5100	961	0.19	736	0.14
NBR	D	1700	112	0.07	111	0.07
SBL	2	3400	37	0.01	57	0.02
SBT	3	5100	994	0.19*	949	0.19*
SBR	D	1700	113	0.07	267	0.16
EBL	2	3400	156	0.05	99	0.03*
EBT	2	3400	503	0.15*	450	0.13
EBR	1	1700	161	0.09	119	0.07
WBL	2	3400	203	0.06*	171	0.05
WBT	2	3400	536	0.16	752	0.22*
WBR	1	1700	99	0.06	56	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.55

310 - Sand Canyon Av. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06	363	0.11*
NBT	3	5100	963	0.19*	543	0.11
NBR	1	1700	513	0.30	150	0.09
SBL	2	3400	186	0.05*	73	0.02
SBT	3	5100	881	0.17	1033	0.20*
SBR	1	1700	118	0.07	210	0.12
EBL	2	3400	166	0.05*	143	0.04
EBT	3	5100	669	0.13	673	0.13*
EBR	1	1700	291	0.17	323	0.19
WBL	2	3400	340	0.10	524	0.15*
WBT	2	3400	810	0.24*	820	0.24
WBR	1	1700	106	0.06	185	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.64

311 - Sand Canyon Av. @ I-405 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1536	0.45*	783	0.23
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	505	0.15	814	0.24*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	44	0.03*	138	0.08*
WBT	0		0		0	
WBR	1.5	2550	211	0.08	321	0.14
Adjustment			WBR	0.05	WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.58		0.42

312 - Sand Canyon Av. @ I-405 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	156	0.09	148	0.09*
NBT	2	3400	1156	0.34*	666	0.20
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	267	0.08	574	0.17*
SBR	F		0		0	
EBL	1.5	2550	1194	0.46*	435	0.23*
EBT	0		0		0	
EBR	0.5	850	378	0.46	351	0.23
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.85		0.54

313 - Laguna Canyon Rd. @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	35	0.01	108	0.03*
NBT	2	3400	70	0.02*	73	0.02
NBR	D	1700	18	0.01	74	0.04
SBL	2	3400	35	0.01*	87	0.03
SBT	2	3400	63	0.02	59	0.02*
SBR	D	1700	14	0.01	42	0.02
EBL	2	3400	71	0.02	11	0.00*
EBT	3	5100	778	0.15*	653	0.13
EBR	D	1700	126	0.07	92	0.05
WBL	2	3400	77	0.02*	25	0.01
WBT	3	5100	739	0.14	1054	0.21*
WBR	D	1700	68	0.04	63	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.31

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	56	0.02*	95	0.03*
NBT	2	3400	101	0.03	79	0.02
NBR	D	1700	18	0.01	192	0.11
SBL	2	3400	20	0.01	67	0.02
SBT	2	3400	88	0.03*	100	0.03*
SBR	D	1700	24	0.01	143	0.08
EBL	2	3400	52	0.02*	28	0.01*
EBT	2	3400	485	0.14	534	0.16
EBR	1	1700	122	0.07	57	0.03
WBL	2	3400	165	0.05	51	0.02
WBT	2	3400	735	0.22*	708	0.21*
WBR	D	1700	54	0.03	58	0.03
Adjustment						Multi 0.06
Overlaps						Clearance 0.05
Total ICU				0.34		0.39

315 - Laguna Canyon Rd. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	188	0.11*	206	0.12*
NBT	2	3400	159	0.05	141	0.04
NBR	D	1700	67	0.04	110	0.06
SBL	1	1700	19	0.01	80	0.05
SBT	2	3400	120	0.04*	174	0.05*
SBR	D	1700	26	0.02	72	0.04
EBL	2	3400	92	0.03*	17	0.01*
EBT	2	3400	692	0.20	774	0.23
EBR	1	1700	212	0.12	170	0.10
WBL	2	3400	186	0.05	88	0.03
WBT	2	3400	1182	0.35*	915	0.27*
WBR	1	1700	47	0.03	29	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.50

316 - SR-133 SB Ramps @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	117	0.07*	267	0.16*
SBT	0		0		0	
SBR	2	3400	148	0.04	243	0.07
EBL	0		0		0	*
EBT	4	6800	1522	0.22*	1578	0.23
EBR	D	1700	262	0.15	116	0.07
WBL	2	3400	476	0.14*	177	0.05
WBT	3	5100	1518	0.30	2109	0.41*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.62

317 - SR-133 NB Ramps @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	200	0.12*	432	0.25*
NBT	0		0		0	
NBR	1	1700	16	0.01	240	0.14
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1620	0.32	1839	0.36
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1839	0.38*	1841	0.39*
WBR	0		106		138	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.69

318 - Banting @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01*	21	0.01
NBT	1	1700	18	0.01	103	0.06*
NBR	1	1700	11	0.01	94	0.06
SBL	2	3400	652	0.19	145	0.04*
SBT	2	1700	518	0.30*	156	0.09
SBR	0	1700	769	0.45	142	
EBL	1	1700	71	0.04*	230	0.14*
EBT	2	3400	450	0.13	811	0.24
EBR	D	1700	18	0.01	24	0.01
WBL	1	1700	19	0.01	16	0.01
WBT	2	3400	619	0.18*	582	0.17*
WBR	F		106		816	
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.70		0.46

319 - Banting @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	12	0.01
NBT	1	1700	5	0.00	43	0.03*
NBR	1	1700	13	0.01	65	0.04
SBL	2	3400	125	0.04	129	0.04*
SBT	1	1700	65	0.04*	5	0.00
SBR	1	1700	309	0.18	34	0.02
EBL	2	3400	24	0.01*	34	0.01
EBT	2	3400	570	0.17	1071	0.32*
EBR	D	1700	30	0.02	5	0.00
WBL	1	1700	50	0.03	8	0.00*
WBT	2	3400	1330	0.39*	876	0.26
WBR	D	1700	78	0.05	98	0.06
Adjustment			SBR	0.13	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.62		0.45

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	749	0.22*	242	0.07
NBT	3	5100	2277	0.45	2534	0.50*
NBR	1	1700	8	0.00	16	0.01
SBL	2	3400	60	0.02	117	0.03*
SBT	3	5100	1802	0.35*	2268	0.44
SBR	1	1700	536	0.32	452	0.27
EBL	3	5100	306	0.06*	403	0.08*
EBT	1	1700	57	0.03	54	0.03
EBR	F		149		506	
WBL	1	1700	10	0.01	8	0.00
WBT	2	3400	144	0.04*	28	0.01*
WBR	D	1700	114	0.07	83	0.05
Adjustment					WBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.72		0.69

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	766	0.23	926	0.27
NBR	1	1700	100	0.06	38	0.02
SBL	1	1700	142	0.08	272	0.16
SBT	2	3400	1472	0.43*	2212	0.65*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	0.5	850	103	0.06*	21	0.01*
WBT	0		0		0	
WBR	1.5	2550	1608	0.50	1005	0.30
Adjustment			WBR	0.29		
Overlaps					Clearance	0.05
Total ICU				0.83		0.71

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	787	0.23	761	0.22*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	809	0.24*	755	0.22
SBR	F		0		0	
EBL	0.5	1700	124	0.07*	196	0.12*
EBT	0		0		0	
EBR	1.5	1700	52	0.03	80	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.36		0.39

324 - Portola Pkwy. @ SR-241 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		12		27	
NBT	1	1700	0	0.01*	0	0.02*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1	1700	0		0	
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	269	0.08*	148	0.04*
WBT	0		0		0	
WBR	0.5	0	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.14		0.11

325 - Portola Pkwy. @ SR-241 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	9	0.01	13	0.01
NBR	1	1700	106	0.06	168	0.10
SBL	1	1700	3	0.00	1	0.00
SBT	2	3400	267	0.08*	155	0.05*
SBR	0		0		0	
EBL	0.5	850	10	0.01	16	0.01*
EBT	0		1	0.01*	1	
EBR	1.5	2550	27	0.01	9	0.01
WBL	0		0	*	0	
WBT	0		0		0	*
WBR	0		0		0	

Adjustment NBR 0.04
Overlaps Clearance 0.05

Total ICU 0.14 0.15

326 - Ada @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02*	60	0.04*
NBT	2	3400	74	0.02	73	0.02
NBR	D	1700	69	0.04	150	0.09
SBL	2	3400	63	0.02	107	0.03
SBT	1	1700	86	0.05*	115	0.07*
SBR	1	1700	16	0.01	62	0.04
EBL	1	1700	12	0.01*	43	0.03
EBT	2	3400	533	0.16	1144	0.34*
EBR	D	1700	146	0.09	49	0.03
WBL	1	1700	160	0.09	67	0.04*
WBT	2	3400	1119	0.33*	717	0.21
WBR	1	1700	43	0.03	38	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.46 0.54

327 - Barranca Pkwy. @ Technology
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	413	0.12*	55	0.02
NBT	2	3400	917	0.27	680	0.20*
NBR	1	1700	269	0.16	411	0.24
SBL	1	1700	73	0.04	148	0.09*
SBT	2	3400	755	0.22*	821	0.24
SBR	1	1700	166	0.10	40	0.02
EBL	2	3400	37	0.01*	194	0.06
EBT	2	3400	56	0.02	212	0.06*
EBR	D	1700	45	0.03	418	0.25
WBL	2	3400	163	0.05	378	0.11*
WBT	2	3400	286	0.08*	74	0.02
WBR	D	1700	89	0.05	78	0.05

Adjustment EBR 0.15
Overlaps Clearance 0.05

Total ICU 0.48 0.66

328 - Barranca Pkwy. @ I-5 HOV Ramp
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01	44	0.03*
NBT	2	3400	1465	0.43*	1047	0.31
NBR	0		0		0	
SBL	0		0	*	0	
SBT	3	5100	914	0.18	1505	0.30*
SBR	D	1700	32	0.02	131	0.08
EBL	1	1700	182	0.11*	90	0.05*
EBT	0		0		0	
EBR	1	1700	34	0.02	14	0.01
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.43

329 - Barranca Pkwy. @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	143	0.04	33	0.01*
NBT	2	3400	869	0.26*	674	0.20
NBR	1	1700	75	0.04	148	0.09
SBL	2	3400	78	0.02*	190	0.06
SBT	2	3400	550	0.16	1040	0.31*
SBR	1	1700	340	0.20	342	0.20
EBL	2	3400	246	0.07*	303	0.09
EBT	3	5100	369	0.07	801	0.16*
EBR	1	1700	74	0.04	232	0.14
WBL	2	3400	158	0.05	215	0.06*
WBT	3	5100	1011	0.20*	655	0.13
WBR	1	1700	318	0.19	163	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.59

330 - Barranca Pkwy. @ Pacifica
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	203	0.12*	44	0.03*
NBT	2	3400	706	0.21	543	0.16
NBR	1	1700	291	0.17	471	0.28
SBL	1	1700	27	0.02	140	0.08
SBT	2	3400	562	0.17*	1214	0.36*
SBR	D	1700	170	0.10	17	0.01
EBL	2	3400	9	0.00*	100	0.03
EBT	2	1700	11	0.01	121	0.07*
EBR	0	1700	25	0.01	286	0.17
WBL	2	3400	205	0.06	244	0.07*
WBT	1	1700	198	0.12*	29	0.02
WBR	1	1700	369	0.22	173	0.10

Adjustment WBR 0.04 EBR 0.08
Overlaps Clearance 0.05

Total ICU 0.50 0.66

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	110	0.03	407	0.12*
NBT	2	3400	174	0.05*	208	0.06
NBR	D	1700	13	0.01	26	0.02
SBL	2	3400	108	0.03*	63	0.02
SBT	2	3400	154	0.05	131	0.04*
SBR	D	1700	40	0.02	443	0.26
EBL	1	1700	491	0.29*	172	0.10*
EBT	2	3400	382	0.11	71	0.02
EBR	1	1700	231	0.14	95	0.06
WBL	1	1700	11	0.01	9	0.01
WBT	1	1700	63	0.04*	164	0.10*
WBR	1	1700	62	0.04	130	0.08
Adjustment					SBR	0.14
Overlaps					Clearance	0.05
Total ICU				0.46		0.55

335 - Alton Pkwy. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	32	0.02	119	0.07
NBT	2	3400	33	0.01*	159	0.05*
NBR	F		332		579	
SBL	1	1700	175	0.10*	95	0.06*
SBT	2	3400	155	0.05	52	0.02
SBR	D	1700	3	0.00	3	0.00
EBL	2	3400	2	0.00	0	
EBT	2	3400	270	0.08*	121	0.04*
EBR	F		153		63	
WBL	2	3400	568	0.17*	270	0.08*
WBT	3	5100	106	0.02	186	0.04
WBR	F		83		153	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.28

336 - Alton Pkwy. @ SR-241 Ramps
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	153	0.09*	269	0.16*
NBT	3	5100	413	0.08	856	0.17
NBR	F		96		287	
SBL	1	1700	72	0.04	61	0.04
SBT	3	5100	736	0.14*	454	0.09*
SBR	F		272		216	
EBL	2	3400	181	0.05	243	0.07*
EBT	0		0	*	0	
EBR	F		451		134	
WBL	2	3400	357	0.11*	49	0.01
WBT	0		0		0	*
WBR	F		84		69	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.39		0.37

338 - Alton Pkwy. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	138	0.04*	433	0.13
NBT	3	5100	524	0.10	1178	0.23*
NBR	F		37		76	
SBL	2	3400	185	0.05	85	0.03*
SBT	3	5100	1387	0.27*	524	0.10
SBR	F		252		758	
EBL	2	3400	440	0.13*	311	0.09*
EBT	3	5100	529	0.10	405	0.08
EBR	1	1700	457	0.27	96	0.06
WBL	2	3400	131	0.04	64	0.02
WBT	3	5100	354	0.07*	615	0.12*
WBR	1	1700	41	0.02	154	0.09
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.64		0.52

339 - Alton Pkwy. @ Toledo Wy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	66	0.04*	80	0.05
NBT	3	5100	644	0.13	1555	0.30*
NBR	F		84		203	
SBL	1	1700	92	0.05	56	0.03*
SBT	3	5100	1695	0.33*	709	0.14
SBR	0		10		12	
EBL	1	1700	22	0.01	6	0.00
EBT	1	1700	82	0.10*	51	0.06*
EBR	0		84		56	
WBL	1	1700	138	0.08*	65	0.04*
WBT	1	1700	60	0.04	52	0.03
WBR	1	1700	114	0.07	85	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.48

340 - Alton Pkwy. @ Jeronimo Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	20	0.01
NBT	3	5100	1004	0.20	1488	0.29*
NBR	F		246		385	
SBL	2	3400	157	0.05	80	0.02*
SBT	3	5100	1545	0.31*	1038	0.20
SBR	0		26		6	
EBL	1	1700	3	0.00	23	0.01
EBT	1	1700	7	0.00*	30	0.02*
EBR	F		13		62	
WBL	2	3400	396	0.12*	249	0.07*
WBT	1	1700	41	0.02	6	0.00
WBR	1	1700	111	0.07	109	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.45

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	7	0.00
NBT	3	5100	786	0.15	1008	0.20*
NBR	1	1700	226	0.13	347	0.20
SBL	2	3400	156	0.05	119	0.04*
SBT	3	5100	1059	0.21*	730	0.14
SBR	F		1033		571	
EBL	2	3400	492	0.14*	709	0.21*
EBT	2	3400	207	0.06	456	0.14
EBR	0		9		4	
WBL	2	3400	182	0.05	120	0.04
WBT	2	3400	309	0.11*	240	0.11*
WBR	0		64		143	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.52		0.61

342 - Technology Dr. E. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	22	0.01*	30	0.02*
NBT	1	1700	7	0.00	2	0.00
NBR	1	1700	82	0.05	315	0.19
SBL	1	1700	5	0.00	28	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		6		30	
EBL	1	1700	41	0.02	4	0.00
EBT	3	5100	1094	0.21*	1231	0.24*
EBR	D	1700	20	0.01	14	0.01
WBL	1	1700	243	0.14*	41	0.02*
WBT	3	5100	1317	0.26	1185	0.23
WBR	D	1700	26	0.02	2	0.00
Adjustment					NBR	0.15
Overlaps				Clearance		0.05
Total ICU				0.41		0.50

343 - Alton Pkwy. @ Ada
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	290	0.09*	167	0.05*
NBT	3	5100	1091	0.21	1119	0.22
NBR	D	1700	6	0.00	9	0.01
SBL	1	1700	8	0.00	15	0.01
SBT	3	5100	1183	0.23*	1213	0.24*
SBR	D	1700	117	0.07	82	0.05
EBL	1	1700	45	0.03*	102	0.06*
EBT	1	1700	46	0.03	19	0.01
EBR	1	1700	231	0.14	266	0.16
WBL	1	1700	7	0.00	17	0.01
WBT	1	1700	14	0.02*	26	0.02*
WBR	0		13		5	
Adjustment			EBR	0.02	EBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.44		0.47

344 - Alton Pkwy. @ Technology Dr. W.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	597	0.18*	539	0.16*
NBT	3	5100	1247	0.24	877	0.17
NBR	1	1700	646	0.38	155	0.09
SBL	1	1700	34	0.02	31	0.02
SBT	4	6800	1176	0.17*	1187	0.17*
SBR	1	1700	186	0.11	303	0.18
EBL	1	1700	143	0.08*	368	0.22*
EBT	2	3400	100	0.03	109	0.03
EBR	2	3400	297	0.09	876	0.26
WBL	2	3400	213	0.06	504	0.15
WBT	2	3400	118	0.03*	187	0.06*
WBR	D	1700	22	0.01	17	0.01
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.51		0.66

345 - Alton Pkwy. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2019	0.40*	1416	0.28
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1370	0.27	1448	0.28*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	2550	807	0.25*	199	0.07*
WBT	0		0		0	
WBR	1.5	2550	484	0.25	165	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.40

346 - Alton Pkwy. @ Enterprise Dr.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	979	0.19	1390	0.27*
NBR	1	1700	57	0.03	231	0.14
SBL	1	1700	265	0.16	496	0.29*
SBT	3	5100	2014	0.39*	1172	0.23
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	201	0.06*	114	0.03*
WBT	0		0		0	
WBR	2	3400	1206	0.35	675	0.20
Adjustment			WBR	0.10		
Overlaps		W		Clearance		0.05
Total ICU				0.60		0.64

348 - Alton Pkwy. @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	36	0.01*	24	0.01
NBT	3	5100	405	0.08	698	0.14*
NBR	1	1700	68	0.04	197	0.12
SBL	2	3400	206	0.06	407	0.12*
SBT	3	5100	946	0.19*	611	0.12
SBR	1	1700	202	0.12	100	0.06
EBL	2	3400	82	0.02	211	0.06
EBT	3	5100	384	0.08*	766	0.15*
EBR	1	1700	20	0.01	33	0.02
WBL	2	3400	334	0.10*	243	0.07*
WBT	3	5100	670	0.13	641	0.13
WBR	1	1700	520	0.31	484	0.28
Adjustment			WBR	0.06	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.49		0.56

350 - Alton Pkwy. @ Pacifica
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	30	0.01*	194	0.06*
NBT	3	5100	458	0.09	853	0.17
NBR	D	1700	287	0.17	222	0.13
SBL	2	3400	37	0.01	43	0.01
SBT	2	3400	1182	0.35*	776	0.23*
SBR	1	1700	132	0.08	81	0.05
EBL	2	3400	75	0.02	79	0.02
EBT	2	3400	280	0.08*	135	0.04*
EBR	D	1700	66	0.04	41	0.02
WBL	1	1700	159	0.09*	184	0.11*
WBT	2	3400	165	0.05	387	0.11
WBR	D	1700	48	0.03	40	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.49

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	28	0.01*	115	0.03*
NBT	2	1700	4	0.00	80	0.04
NBR	0	1700	13	0.01	39	
SBL	2	3400	148	0.04	255	0.08
SBT	1	1700	465	0.27*	267	0.16*
SBR	F		1339		394	
EBL	1	1700	114	0.07*	449	0.26*
EBT	2	3400	106	0.03	206	0.06
EBR	1	1700	88	0.05	81	0.05
WBL	1	1700	9	0.01	41	0.02
WBT	2	3400	64	0.02*	262	0.08*
WBR	1	1700	7	0.00	92	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.58

356 - Pacifica @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	27	0.01*	69	0.02
NBT	2	3400	24	0.01	75	0.02*
NBR	D	1700	234	0.14	566	0.33
SBL	2	3400	43	0.01	253	0.07*
SBT	2	3400	187	0.06*	72	0.02
SBR	1	1700	40	0.02	86	0.05
EBL	2	3400	36	0.01*	76	0.02
EBT	3	5100	561	0.11	1284	0.25*
EBR	D	1700	90	0.05	40	0.02
WBL	2	3400	266	0.08	225	0.07*
WBT	3	5100	1602	0.31*	1086	0.21
WBR	1	1700	143	0.08	113	0.07
Adjustment					NBR	0.26
Overlaps					Clearance	0.05
Total ICU				0.44		0.72

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	298	0.17*	231	0.11*
NBT	0.5	850	286	0.17	128	0.11
NBR	F		38		166	
SBL	1	1700	13	0.01	42	0.02
SBT	1	1700	17	0.01*	151	0.09*
SBR	1	1700	32	0.02	183	0.11
EBL	1	1700	136	0.08*	208	0.12
EBT	1	1700	70	0.04	239	0.14*
EBR	F		306		567	
WBL	1	1700	20	0.01	121	0.07*
WBT	2	3400	29	0.02*	247	0.08
WBR	0		27		29	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.46

358 - ICD @ Entertainment Wy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1772	0.52*	1214	0.36*
NBR	F		440		1002	
SBL	1	1700	5	0.00*	47	0.03*
SBT	3	5100	624	0.12	1613	0.32
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	96	0.06*	402	0.24*
WBT	0		0		0	
WBR	F		283		262	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.68

359 - ICD @ I-405 SB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	1376	0.27*	1723	0.34
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	548	0.16	1502	0.44*
SBR	F		0		0	
EBL	2	3400	815	0.24*	496	0.15*
EBT	0		0		0	
EBR	F		796		659	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.64

361 - Bake Pkwy. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	46	0.03*	180	0.11
NBT	1.5	2550	201	0.06	258	0.11*
NBR	1.5	2550	130	0.06	321	0.11
SBL	1	1700	129	0.08	171	0.10*
SBT	2	3400	411	0.12*	207	0.06
SBR	D	1700	295	0.17	166	0.10
EBL	2	3400	274	0.08*	269	0.08*
EBT	3	5100	396	0.08	648	0.13
EBR	D	1700	96	0.06	105	0.06
WBL	2	3400	446	0.13	250	0.07
WBT	2	3400	552	0.16*	562	0.17*
WBR	D	1700	75	0.04	34	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.51

362 - Bake Pkwy. @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	227	0.07	176	0.05
NBT	3	5100	1580	0.33*	1252	0.36*
NBR	0		127		602	
SBL	1	1700	64	0.04*	184	0.11*
SBT	3	5100	945	0.19	1343	0.26
SBR	1	1700	101	0.06	135	0.08
EBL	2	3400	123	0.04	119	0.04
EBT	3	5100	221	0.04*	566	0.11*
EBR	1	1700	189	0.11	295	0.17
WBL	2	3400	622	0.18*	396	0.12*
WBT	4	6800	573	0.11	329	0.06
WBR	0		155		121	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.75

363 - Bake Pkwy. @ Toledo Wy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	343	0.20*	94	0.06*
NBT	3	5100	1888	0.37	1871	0.37
NBR	D	1700	52	0.03	396	0.23
SBL	1	1700	73	0.04	78	0.05
SBT	3	5100	1627	0.32*	1890	0.37*
SBR	D	1700	144	0.08	36	0.02
EBL	2	3400	42	0.01*	135	0.04
EBT	2	3400	40	0.01	279	0.08*
EBR	1	1700	61	0.04	237	0.14
WBL	2	3400	277	0.08	54	0.02*
WBT	2	3400	252	0.10*	49	0.03
WBR	0		80		87	0.05
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.68		0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	520	0.15	70	0.02
NBT	3	5100	2147	0.42*	2245	0.44*
NBR	D	1700	83	0.05	525	0.31
SBL	1	1700	64	0.04*	110	0.06*
SBT	4	6800	1821	0.28	2005	0.30
SBR	0		79		18	
EBL	2	3400	11	0.00	73	0.02
EBT	2	3400	61	0.02*	475	0.14*
EBR	1	1700	110	0.06	475	0.28
WBL	1	1700	424	0.25*	189	0.11*
WBT	2	3400	586	0.20	98	0.05
WBR	0		90		66	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.80

365 - Bake Pkwy. @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	269	0.08	75	0.02
NBT	4	6800	2615	0.38*	2530	0.37*
NBR	F		161		391	
SBL	2	3400	88	0.03*	192	0.06*
SBT	4	6800	2182	0.32	2504	0.37
SBR	F		143		37	
EBL	2	3400	17	0.01*	173	0.05
EBT	2	3400	122	0.04	711	0.21*
EBR	F		105		290	
WBL	2	3400	208	0.06	170	0.05*
WBT	2	3400	450	0.13*	147	0.04
WBR	F		96		94	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.74

366 - Bake Pkwy. @ Rockfield Bl.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	221	0.07*	42	0.01
NBT	4	6800	2887	0.42	3010	0.44*
NBR	F		607		397	
SBL	2	3400	37	0.01	177	0.05*
SBT	4	6800	2631	0.39*	2660	0.39
SBR	1	1700	4	0.00	4	0.00
EBL	1	1700	1	0.00	17	0.01
EBT	2	3400	11	0.00*	68	0.02*
EBR	F		54		390	
WBL	2	3400	288	0.08*	586	0.17*
WBT	2	3400	37	0.01	38	0.01
WBR	F		61		146	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.73

367 - Bake Pkwy. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	3081	0.60*	2968	0.58*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	909	0.18	1647	0.32
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	185	0.11*	113	0.07*
WBT	0		0		0	
WBR	1.5	3400	1030	0.30	518	0.15
Adjustment			WBR	0.19	WBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.95		0.78

368 - Bake Pkwy. @ I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	719	0.14	1211	0.24*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	744	0.15*	943	0.18
SBR	F		0		0	
EBL	3	5100	2798	0.55*	2729	0.54*
EBT	0		0		0	
EBR	1	1700	595	0.35	117	0.07
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.75		0.83

371 - Bake Pkwy. @ Research Dr.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	35	0.02	8	0.00
NBT	3	5100	453	0.09*	469	0.09*
NBR	D	1700	41	0.02	20	0.01
SBL	2	3400	376	0.11*	148	0.04*
SBT	3	5100	520	0.10	641	0.13
SBR	1	1700	460	0.27	247	0.15
EBL	2	3400	98	0.03*	368	0.11*
EBT	2	3400	123	0.04	185	0.05
EBR	D	1700	27	0.02	50	0.03
WBL	1	1700	17	0.01	25	0.01
WBT	1	1700	128	0.08*	165	0.10*
WBR	1	1700	229	0.13	550	0.32
Adjustment			SBR	0.07	WBR	0.19
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

372 - Bake Pkwy. @ ICD
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	109	0.03	174	0.05
NBT	3	5100	283	0.06*	230	0.05*
NBR	D	1700	36	0.02	21	0.01
SBL	2	3400	184	0.05*	348	0.10*
SBT	3	5100	312	0.06	311	0.06
SBR	D	1700	32	0.02	59	0.03
EBL	2	3400	26	0.01*	39	0.01
EBT	3	5100	575	0.11	928	0.18*
EBR	F		159		176	
WBL	2	3400	36	0.01	48	0.01*
WBT	3	5100	827	0.16*	697	0.14
WBR	D	1700	218	0.13	229	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.39

373 - Lake Forest Dr. @ SR-241 NB Ramps
Short Term Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	151	0.04	182	0.05*
NBT	2	3400	637	0.19*	735	0.22
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	463	0.14	623	0.18*
SBR	1	1700	99	0.06	156	0.09
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.28

374 - Lake Forest Dr. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	30	0.02	85	0.05
NBT	2	3400	163	0.05*	177	0.05*
NBR	D	1700	137	0.08	203	0.12
SBL	1	1700	186	0.11*	150	0.09*
SBT	2	3400	212	0.06	154	0.05
SBR	D	1700	6	0.00	23	0.01
EBL	2	3400	37	0.01*	17	0.01
EBT	3	5100	542	0.11	1044	0.20*
EBR	D	1700	65	0.04	67	0.04
WBL	2	3400	204	0.06	186	0.05*
WBT	3	5100	1040	0.20*	766	0.15
WBR	D	1700	243	0.14	157	0.09
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.42		0.47

375 - Lake Forest Dr. @ SR-241 SB Ramps
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	2	3400	617	0.18*	792	0.23*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	502	0.15	555	0.16
SBR	0		0		0	
EBL	2	3400	183	0.05*	112	0.03*
EBT	0		0		0	
EBR	1	1700	232	0.14	181	0.11
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.07	EBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.35		0.34

376 - Lake Forest Dr. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	172	0.05*	298	0.09
NBT	3	5100	767	0.15	1110	0.22*
NBR	1	1700	124	0.07	391	0.23
SBL	2	3400	239	0.07	364	0.11*
SBT	3	5100	1137	0.25*	1000	0.22
SBR	0		129		130	
EBL	2	3400	139	0.04	350	0.10
EBT	3	5100	488	0.10*	807	0.16*
EBR	1	1700	244	0.14	103	0.06
WBL	2	3400	474	0.14*	181	0.05*
WBT	3	5100	793	0.16	499	0.10
WBR	1	1700	399	0.23	276	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.59

377 - Lake Forest Dr. @ Toledo Wy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	47	0.03*	98	0.06
NBT	3	5100	1069	0.21	1734	0.34*
NBR	D	1700	56	0.03	151	0.09
SBL	1	1700	56	0.03	30	0.02*
SBT	3	5100	1566	0.31*	1241	0.24
SBR	D	1700	76	0.04	18	0.01
EBL	1	1700	37	0.02*	104	0.06
EBT	2	3400	92	0.05	316	0.12*
EBR	0		76		100	
WBL	1	1700	112	0.07	58	0.03*
WBT	2	3400	266	0.11*	82	0.03
WBR	0		91		26	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.56

378 - Lake Forest Dr. @ Jeronimo Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	121	0.07*	91	0.05
NBT	3	5100	820	0.16	1514	0.30*
NBR	1	1700	149	0.09	214	0.13
SBL	1	1700	194	0.11	115	0.07*
SBT	3	5100	1253	0.25*	1080	0.21
SBR	1	1700	328	0.19	120	0.07
EBL	1	1700	81	0.05*	258	0.15
EBT	2	3400	179	0.08	593	0.21*
EBR	0		88		112	
WBL	1	1700	255	0.15	50	0.03*
WBT	2	3400	625	0.26*	161	0.06
WBR	0		270		53	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.66

379 - Lake Forest Dr. @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	65	0.02*	56	0.02
NBT	3	5100	870	0.17	1665	0.33*
NBR	1	1700	145	0.09	308	0.18
SBL	2	3400	139	0.04	152	0.04*
SBT	3	5100	1305	0.26*	1137	0.22
SBR	1	1700	163	0.10	68	0.04
EBL	2	3400	79	0.02*	283	0.08
EBT	2	3400	217	0.06	853	0.25*
EBR	1	1700	50	0.03	128	0.08
WBL	2	3400	306	0.09	170	0.05*
WBT	2	3400	581	0.17*	281	0.08
WBR	1	1700	177	0.10	101	0.06
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.52		0.72

380 - Lake Forest Dr. @ Rockfield Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	491	0.14*	398	0.12
NBT	3	5100	963	0.19	1889	0.37*
NBR	1	1700	169	0.10	524	0.31
SBL	2	3400	99	0.03	177	0.05*
SBT	4	6800	1435	0.23*	1335	0.21
SBR	0		103		121	
EBL	2	3400	34	0.01	164	0.05
EBT	2	3400	122	0.04*	344	0.10*
EBR	2	3400	268	0.08	505	0.15
WBL	2	3400	415	0.12*	291	0.09*
WBT	2	3400	308	0.09	176	0.05
WBR	1	1700	107	0.06	106	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.66

381 - Lake Forest Dr. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	928	0.18	2284	0.45*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1175	0.23*	1219	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	476	0.14*	200	0.06*
WBT	0		0		0	
WBR	2	3400	506	0.15	509	0.15

Adjustment WBR 0.09
Overlaps Clearance 0.05

Total ICU 0.42 0.65

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	638	0.10	1165	0.18*
NBR	0		36		76	
SBL	2	3400	326	0.10	430	0.13*
SBT	3	5100	1228	0.24*	904	0.18
SBR	F		0		0	
EBL	2.5	5100	787	0.15*	1869	0.37*
EBT	1.5	1700	254	0.15	426	0.25
EBR	1	1700	560	0.33	254	0.15
WBL	2	3400	117	0.03*	111	0.03*
WBT	0		0		0	
WBR	2	3400	157	0.05	330	0.10

Adjustment EBR 0.21 WBR 0.06
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.68 0.82

385 - Lake Forest Dr. @ ICD
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00	16	0.00
NBT	3	5100	266	0.05*	438	0.09*
NBR	1	1700	77	0.05	249	0.15
SBL	2	3400	622	0.18*	803	0.24*
SBT	3	5100	540	0.11	332	0.07
SBR	F		142		91	
EBL	2	3400	64	0.02*	250	0.07
EBT	3	5100	444	0.09	1206	0.24*
EBR	D	1700	12	0.01	14	0.01
WBL	2	3400	318	0.09	137	0.04*
WBT	3	5100	984	0.19*	488	0.10
WBR	1	1700	365	0.21	285	0.17

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.49 0.69

386 - Ridge Route Dr. @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	93	0.05*	107	0.06
NBT	2	3400	102	0.03	173	0.05*
NBR	D	1700	87	0.05	128	0.08
SBL	1	1700	121	0.07	127	0.07*
SBT	2	3400	233	0.07*	136	0.04
SBR	D	1700	113	0.07	65	0.04
EBL	1	1700	34	0.02*	53	0.03
EBT	2	3400	418	0.12	1153	0.34*
EBR	1	1700	46	0.03	40	0.02
WBL	1	1700	82	0.05	80	0.05*
WBT	2	3400	839	0.25*	483	0.14
WBR	1	1700	74	0.04	77	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.44 0.56

387 - Ridge Route Dr. @ Rockfield Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0.5	1700	52	0.03*	28	0.02*
NBT	1.5	1700	37	0.02	20	0.01
NBR	1	1700	31	0.02	29	0.02
SBL	0.5	1700	122	0.07*	95	0.06*
SBT	1.5	1700	32	0.02	31	0.02
SBR	D	1700	191	0.11	87	0.05
EBL	1	1700	68	0.04*	252	0.15
EBT	2	3400	259	0.08	933	0.30*
EBR	0		14		77	
WBL	1	1700	18	0.01	21	0.01*
WBT	2	3400	419	0.15*	319	0.12
WBR	0		80		105	

Adjustment SBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.36 0.44

388 - Ridge Route Dr. @ Avenida Carlota
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	36	0.02*	58	0.03*
NBT	0		0		0	
NBR	1	1700	199	0.12	361	0.21
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	138	0.06*	904	0.30*
EBR	0		77		120	
WBL	1	1700	225	0.13*	205	0.12*
WBT	2	3400	204	0.06	237	0.07
WBR	0		0		0	

Adjustment NBR 0.09
Overlaps Clearance 0.05

Total ICU 0.26 0.59

389 - Ridge Route Dr. @ Moulton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	107	0.06
NBT	2	3400	152	0.04*	176	0.05*
NBR	1	1700	90	0.05	144	0.08
SBL	2	3400	105	0.03*	194	0.06*
SBT	2	3400	119	0.04	118	0.03
SBR	1	1700	32	0.02	29	0.02
EBL	2	3400	29	0.01*	42	0.01
EBT	3	5100	709	0.14	1942	0.38*
EBR	1	1700	165	0.10	87	0.05
WBL	2	3400	114	0.03	104	0.03*
WBT	4	6800	1636	0.24*	683	0.10
WBR	1	1700	168	0.10	111	0.07

Adjustment NBR 0.01
Overlaps Clearance 0.05

Total ICU 0.37 0.58

390 - Paseo de Valencia @ Avenida Carlota
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	116	0.03*	181	0.05*
NBT	1	1700	29	0.02	77	0.05
NBR	1	1700	24	0.01	86	0.05
SBL	2.5	3400	789	0.23	764	0.17
SBT	1.5	3400	769	0.24*	358	0.17*
SBR	0		51		35	
EBL	2	3400	157	0.05*	282	0.08
EBT	2	3400	169	0.05	563	0.17*
EBR	1	1700	58	0.03	324	0.19
WBL	1	1700	8	0.00	25	0.01*
WBT	2	3400	345	0.10*	319	0.09
WBR	1	1700	470	0.28	494	0.29

Adjustment WBR 0.02
Overlaps N W Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.47 0.47

391 - Santa Maria Av. @ Moulton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	140	0.08*	128	0.06*
NBT	0		0		0	
NBR	1.5	2550	274	0.08	185	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	688	0.13	2181	0.43*
EBR	1	1700	126	0.07	119	0.07
WBL	1	1700	193	0.11	218	0.13*
WBT	3	5100	1836	0.36*	750	0.15
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.49 0.67

392 - El Toro Rd. @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	104	0.03*	227	0.07
NBT	3	5100	834	0.16	1625	0.32*
NBR	1	1700	110	0.06	337	0.20
SBL	2	3400	211	0.06	176	0.05*
SBT	3	5100	1462	0.29*	1006	0.20
SBR	1	1700	349	0.21	114	0.07
EBL	2	3400	201	0.06*	249	0.07
EBT	2	3400	296	0.09	791	0.23*
EBR	1	1700	181	0.11	305	0.18
WBL	2	3400	367	0.11	296	0.09*
WBT	2	3400	634	0.19*	300	0.09
WBR	1	1700	212	0.12	170	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.62 0.74

393 - El Toro Rd. @ Rockfield Bl.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	314	0.09*	446	0.13*
NBT	4	6800	829	0.12	1659	0.24
NBR	D	1700	170	0.10	246	0.14
SBL	2	3400	181	0.05	156	0.05
SBT	4	6800	1691	0.26*	1331	0.21*
SBR	0		63		88	
EBL	2	3400	76	0.02	350	0.10
EBT	2	3400	214	0.06*	491	0.14*
EBR	F		172		210	
WBL	2	3400	416	0.12*	317	0.09*
WBT	2	3400	249	0.07	215	0.06
WBR	1	1700	146	0.09	128	0.08

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.62

394 - El Toro Rd. @ I-5 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	898	0.26	1580	0.40*
NBR	1.5	2550	875	0.26	1173	0.40
SBL	0		0		0	*
SBT	5	8500	2337	0.27*	2010	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	416	0.19*	504	0.26*
WBT	0		0		0	
WBR	1.5	2550	534	0.19	822	0.26

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.51 0.71

396 - El Toro Rd. @ Avenida Carlota
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		1		1	
NBT	4	6800	1026	0.15*	1862	0.27*
NBR	D	1700	37	0.02	84	0.05
SBL	2	3400	105	0.03*	230	0.07*
SBT	3	5100	867	0.17	903	0.18
SBR	1	1700	716	0.42	690	0.41
EBL	3	5100	634	0.12*	836	0.16*
EBT	2	3400	200	0.06	480	0.14
EBR	1	1700	110	0.06	98	0.06
WBL	0.5	850	35	0.04	42	0.04
WBT	1.5	2550	117	0.04*	100	0.04*
WBR	2	3400	304	0.09	559	0.16

Adjustment Multi 0.14 WBR 0.05
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.53 0.64

397 - El Toro Rd. @ Paseo de Valencia
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02	139	0.04
NBT	3	5100	701	0.14*	1042	0.20*
NBR	1	1700	198	0.12	248	0.15
SBL	2	3400	269	0.08*	218	0.06*
SBT	3	5100	566	0.11	683	0.14
SBR	0		8		19	
EBL	1	1700	18	0.01	42	0.02
EBT	2	3400	526	0.15*	439	0.13*
EBR	1	1700	273	0.16	198	0.12
WBL	2	3400	231	0.07*	370	0.11*
WBT	2	3400	98	0.03	165	0.05
WBR	1	1700	223	0.13	454	0.27

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.49 0.55

398 - El Toro Rd. @ Moulton Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	324	0.10*	219	0.06
NBT	3	5100	553	0.11	806	0.16*
NBR	1	1700	136	0.08	212	0.12
SBL	2	3400	304	0.09	325	0.10*
SBT	3	5100	603	0.12*	640	0.13
SBR	1	1700	203	0.12	206	0.12
EBL	2	3400	182	0.05*	302	0.09
EBT	3	5100	580	0.11	1935	0.38*
EBR	1	1700	177	0.10	376	0.22
WBL	2	3400	233	0.07	177	0.05*
WBT	3	5100	1596	0.31*	660	0.13
WBR	1	1700	292	0.17	304	0.18

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.63 0.74

399 - El Toro Rd. @ Aliso Creek Rd.
Short Term Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	437	0.09	720	0.14*
NBR	1	1700	881	0.52	1270	0.75
SBL	1	1700	55	0.03	130	0.08*
SBT	3	5100	668	0.13*	469	0.09
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1284	0.38*	1061	0.31*
WBT	0		0		0	
WBR	1	1700	78	0.05	86	0.05

Adjustment NBR 0.04 NBR 0.30
Overlaps N Clearance 0.05

Total ICU 0.60 0.88

400 - El Toro Rd. @ SR-73 NB Ramps
Short Term Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1180	0.35*	2039	0.60*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	547	0.32	505	0.30
SBR	1.5	3400	1586	0.47	1025	0.30
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	88	0.03	85	0.03
WBT	2	3400	495	0.15*	221	0.07*
WBR	1	1700	79	0.05	35	0.02

Adjustment SBR 0.12
Overlaps Clearance 0.05

Total ICU 0.67 0.72

401 - El Toro Rd. @ SR-73 SB Ramps
Short Term Approved With Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	445	0.13	665	0.20*
NBR	1	1700	90	0.05	92	0.05
SBL	1	1700	27	0.02	59	0.03*
SBT	2	3400	600	0.18*	554	0.16
SBR	0		0		0	
EBL	1.5	3400	756	0.22*	1353	0.40*
EBT	1.5	1700	118	0.07	272	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.68

402 - I-5 NB Ramps @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	533	0.16*	893	0.26*
NBT	0		0		0	
NBR	1.5	1700	58	0.03	86	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	711	0.21*	805	0.24*
EBR	F		298		232	
WBL	1	1700	294	0.17*	214	0.13*
WBT	2	3400	421	0.12	393	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.68

403 - SR-241 NB Ramps @ Jeffrey Rd.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	722	0.42*	454	0.27*
NBT	2	3400	457	0.13	119	0.04
NBR	D	1700	128	0.08	29	0.02
SBL	1	1700	16	0.01	17	0.01
SBT	2	3400	80	0.02*	317	0.09*
SBR	D	1700	88	0.05	261	0.15
EBL	1	1700	243	0.14*	54	0.03
EBT	2	3400	68	0.02	13	0.00*
EBR	D	1700	350	0.21	249	0.15
WBL	1	1700	17	0.01	110	0.06*
WBT	2	3400	19	0.01*	90	0.03
WBR	D	1700	12	0.01	24	0.01
Adjustment					SBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.64		0.51

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2364	0.46*	1870	0.37*
NBR	1	1700	196	0.12	176	0.10
SBL	2	3400	356	0.10*	461	0.14*
SBT	3	5100	1508	0.30	1981	0.39
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	226	0.07*	201	0.06*
WBT	0		0		0	
WBR	F		872		892	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.62

409 - Bake Pkwy. @ Commercentre Dr.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	66	0.04*	84	0.05
NBT	2	3400	927	0.27	1093	0.32*
NBR	D	1700	549	0.32	186	0.11
SBL	1	1700	31	0.02	9	0.01*
SBT	2	3400	966	0.28*	837	0.25
SBR	D	1700	121	0.07	142	0.08
EBL	1	1700	107	0.06	90	0.05*
EBT	2	3400	311	0.11*	101	0.06
EBR	0		55		94	
WBL	2	3400	113	0.03*	525	0.15
WBT	1	1700	69	0.04	415	0.25*
WBR	0		5		15	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.68

410 - Bake Pkwy. @ Lake Forest Dr.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	169	0.05*	117	0.03*
SBT	0		0		0	
SBR	2	3400	130	0.04	381	0.11
EBL	2	3400	88	0.03*	104	0.03*
EBT	2	3400	263	0.08	557	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	561	0.17*	868	0.26*
WBR	D	1700	30	0.02	53	0.03
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.30		0.43

412 - Ridge Route Dr. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	186	0.11*	151	0.09*
NBT	0		0		0	
NBR	1	1700	237	0.14	229	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	630	0.12	1446	0.28*
EBR	D	1700	253	0.15	123	0.07
WBL	1	1700	175	0.10	121	0.07*
WBT	3	5100	1445	0.28*	793	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.49

413 - Ridge Route Dr. @ Toledo Wy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	50	0.03	16	0.01
NBT	2	3400	242	0.11*	240	0.08*
NBR	0		118		30	
SBL	1	1700	113	0.07*	76	0.04*
SBT	2	3400	368	0.14	194	0.07
SBR	0		96		41	
EBL	1	1700	32	0.02	79	0.05
EBT	2	3400	142	0.05*	359	0.11*
EBR	0		29		19	
WBL	1	1700	155	0.09*	18	0.01*
WBT	2	3400	260	0.09	94	0.04
WBR	0		51		52	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.29

414 - Ridge Route Dr. @ Jeronimo Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04	38	0.02
NBT	2	3400	214	0.06*	260	0.08*
NBR	D	1700	102	0.06	93	0.05
SBL	1	1700	121	0.07*	42	0.02*
SBT	2	3400	311	0.09	168	0.05
SBR	D	1700	202	0.12	32	0.02
EBL	1	1700	106	0.06*	61	0.04
EBT	2	3400	326	0.13	921	0.29*
EBR	0		131		50	
WBL	1	1700	93	0.05	64	0.04*
WBT	2	3400	784	0.25*	307	0.11
WBR	0		76		63	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.48

415 - Glenn Ranch Rd. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	76	0.04	107	0.06
NBT	2	1700	23	0.01*	41	0.02*
NBR	0	1700	63	0.04	103	0.06
SBL	2	3400	303	0.09*	266	0.08*
SBT	2	3400	70	0.02	34	0.01
SBR	F		749		365	
EBL	2	3400	258	0.08*	852	0.25*
EBT	3	5100	501	0.10	1046	0.21
EBR	1	1700	109	0.06	87	0.05
WBL	2	3400	130	0.04	67	0.02
WBT	3	5100	1084	0.21*	603	0.12*
WBR	1	1700	270	0.16	284	0.17
Adjustment						
Overlaps	W			Clearance		0.05
Total ICU				0.44		0.52

416 - Portola Pkwy .East @ SR-241 Ramps
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	392	0.12*	142	0.04*
NBT	3	5100	973	0.19	737	0.14
NBR	F		61		181	
SBL	2	3400	124	0.04	312	0.09
SBT	3	5100	605	0.12*	1039	0.20*
SBR	F		210		118	
EBL	1	1700	112	0.07*	136	0.08*
EBT	0		0		0	
EBR	F		143		349	
WBL	2	3400	162	0.05	100	0.03
WBT	0		0	*	0	*
WBR	F		346		153	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.37

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	340	0.20*	258	0.15*
NBT	3	5100	195	0.04	508	0.10
NBR	F		368		592	
SBL	1	1700	26	0.02	11	0.01
SBT	3	5100	661	0.13*	208	0.04*
SBR	1	1700	406	0.24	147	0.09
EBL	2	3400	75	0.02	349	0.10
EBT	3	5100	711	0.14*	1600	0.31*
EBR	1	1700	227	0.13	446	0.26
WBL	2	3400	487	0.14*	436	0.13*
WBT	4	6800	1566	0.23	849	0.12
WBR	D	1700	25	0.01	47	0.03
Adjustment			SBR	0.07		
Overlaps				Clearance		0.05
Total ICU				0.73		0.68

418 - El Toro Rd. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	229	0.07*	323	0.10
NBT	3	5100	619	0.12	1157	0.23*
NBR	1	1700	163	0.10	351	0.21
SBL	2	3400	242	0.07	272	0.08*
SBT	3	5100	1587	0.31*	902	0.18
SBR	1	1700	345	0.20	164	0.10
EBL	2	3400	186	0.05*	349	0.10
EBT	3	3400	384	0.11	943	0.23*
EBR	0	1700	226	0.13	236	
WBL	2	3400	290	0.09	150	0.04*
WBT	3	5100	895	0.18*	416	0.08
WBR	1	1700	208	0.12	190	0.11
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.66		0.63

419 - El Toro Rd. @ Toledo Wy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	156	0.09*	68	0.04
NBT	3	5100	1030	0.20	1736	0.34*
NBR	D	1700	11	0.01	26	0.02
SBL	1	1700	1	0.00	1	0.00*
SBT	3	5100	1724	0.34*	1230	0.24
SBR	D	1700	289	0.17	27	0.02
EBL	1.5	2550	89	0.03*	200	0.06*
EBT	0.5	850	4	0.03	16	0.06
EBR	1	1700	182	0.11	118	0.07
WBL	0		35		14	
WBT	1	1700	13	0.03*	3	0.01*
WBR	0		2		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.54		0.46

420 - El Toro Rd. @ Jeronimo Rd.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	99	0.06*	104	0.06
NBT	3	5100	847	0.17	1472	0.29*
NBR	1	1700	264	0.16	331	0.19
SBL	1	1700	280	0.16	290	0.17*
SBT	3	5100	1557	0.31*	987	0.19
SBR	D	1700	242	0.14	88	0.05
EBL	1	1700	144	0.08	170	0.10
EBT	2	3400	288	0.14*	720	0.24*
EBR	0		187		112	
WBL	2	3400	418	0.12*	219	0.06*
WBT	2	3400	551	0.16	316	0.09
WBR	1	1700	265	0.16	282	0.17
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.68		0.81

421 - Los Alisos Bl. @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	228	0.13*	221	0.13
NBT	3	5100	440	0.09	1006	0.20*
NBR	D	1700	105	0.06	290	0.17
SBL	1	1700	141	0.08	137	0.08*
SBT	3	5100	1072	0.21*	536	0.11
SBR	D	1700	310	0.18	85	0.05
EBL	1	1700	141	0.08*	277	0.16*
EBT	2	3400	441	0.13	676	0.20
EBR	D	1700	268	0.16	212	0.12
WBL	1	1700	261	0.15	147	0.09
WBT	2	3400	716	0.21*	418	0.12*
WBR	D	1700	168	0.10	139	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.61

422 - Los Alisos Bl. @ Jeromino Rd.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	189	0.11*	179	0.11
NBT	3	5100	658	0.13	1268	0.25*
NBR	1	1700	165	0.10	276	0.16
SBL	1	1700	214	0.13	155	0.09*
SBT	3	5100	1272	0.25*	658	0.13
SBR	1	1700	347	0.20	182	0.11
EBL	2	3400	191	0.06*	420	0.12
EBT	2	3400	503	0.15	770	0.23*
EBR	1	1700	176	0.10	242	0.14
WBL	2	3400	220	0.06	228	0.07*
WBT	2	3400	631	0.19*	495	0.15
WBR	1	1700	99	0.06	203	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.66 0.69

423 - Muirlands Bl. @ Los Alisos Bl.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	213	0.13*	111	0.07*
NBT	2	3400	513	0.15	352	0.10
NBR	1	1700	126	0.07	161	0.09
SBL	1	1700	123	0.07	340	0.20
SBT	2	3400	421	0.18*	683	0.25*
SBR	0		188		167	
EBL	1	1700	190	0.11*	147	0.09
EBT	3	5100	679	0.13	1174	0.23*
EBR	1	1700	236	0.14	228	0.13
WBL	1	1700	202	0.12	178	0.10*
WBT	3	5100	1093	0.21*	673	0.13
WBR	D	1700	318	0.19	210	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.70

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	204	0.12*	187	0.11*
NBT	2	3400	753	0.22	1151	0.34
NBR	0		3		4	
SBL	1	1700	14	0.01	17	0.01
SBT	2	3400	909	0.41*	718	0.29*
SBR	0		490		279	
EBL	1.5	2550	284	0.09*	412	0.13*
EBT	0.5	850	19	0.09	40	0.13
EBR	1	1700	211	0.12	307	0.18
WBL	0		5		9	
WBT	1	1700	49	0.03*	19	0.02*
WBR	D	1700	47	0.03	23	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.70 0.60

425 - Los Alisos Bl. @ Avenida Carlota
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	238	0.07*	175	0.05*
NBT	3	5100	810	0.16	936	0.18
NBR	0		3		1	
SBL	1	1700	7	0.00	7	0.00
SBT	2	3400	930	0.27*	785	0.23*
SBR	1	1700	269	0.16	194	0.11
EBL	1.5	2550	117	0.04*	450	0.14*
EBT	0.5	850	3	0.04	14	0.14
EBR	1	1700	77	0.05	282	0.17
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	7	0.00	14	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.44 0.47

426 - Los Alisos Bl. @ Paseo de Valencia
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	713	0.14*	861	0.17*
SBT	0		0		0	
SBR	1	1700	303	0.18	183	0.11
EBL	2	3400	101	0.03*	235	0.07
EBT	2	3400	336	0.10	775	0.23*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	651	0.19*	397	0.12
WBR	2	3400	862	0.25	884	0.26

Adjustment SBR 0.01
Overlaps S W Clearance 0.05

Total ICU 0.42 0.45

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Short Term Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	164	0.05	262	0.08*
NBT	3	5100	1506	0.30*	753	0.15
NBR	D	1700	10	0.01	29	0.02
SBL	1	1700	7	0.00*	35	0.02
SBT	3	5100	641	0.13	1777	0.35*
SBR	1	1700	317	0.19	528	0.31
EBL	1.5	2550	435	0.13*	283	0.09*
EBT	0.5	850	1	0.13	8	0.09
EBR	1	1700	240	0.14	262	0.15
WBL	0		40		23	
WBT	1	1700	9	0.03*	4	0.02*
WBR	D	1700	29	0.02	18	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.59

428 - Laguna Hills Dr. @ Paseo de Valencia
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	617	0.19*	623	0.19*
NBT	0.5	850	14	0.19	14	0.19
NBR	1	1700	393	0.23	479	0.28
SBL	1	1700	116	0.07	53	0.03
SBT	1	1700	26	0.07*	25	0.04*
SBR	0		101		44	
EBL	1	1700	27	0.02	62	0.04
EBT	3	5100	445	0.09*	925	0.18*
EBR	1	1700	580	0.34	661	0.39
WBL	2	3400	343	0.10*	329	0.10*
WBT	3	5100	710	0.15	515	0.12
WBR	0		62		89	
Adjustment			EBR	0.11	EBR	0.07
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.61		0.63

429 - Moulton Pkwy. @ Laguna Hills Dr.
Short Term Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	404	0.12	210	0.06*
NBT	4	6800	1172	0.17*	616	0.09
NBR	1	1700	144	0.08	94	0.06
SBL	2	3400	192	0.06*	193	0.06
SBT	3	5100	482	0.09	1409	0.28*
SBR	1	1700	195	0.11	438	0.26
EBL	2	3400	327	0.10*	235	0.07*
EBT	3	5100	529	0.10	789	0.15
EBR	F		256		366	
WBL	1	1700	61	0.04	135	0.08
WBT	2	3400	757	0.22*	602	0.18*
WBR	1	1700	154	0.09	216	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.64

430 - Trabuco Rd. @ Alicia Pkwy.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	183	0.05	127	0.04
NBT	2	3400	455	0.13*	336	0.10*
NBR	D	1700	69	0.04	52	0.03
SBL	2	3400	160	0.05*	438	0.13*
SBT	2	3400	316	0.09	436	0.13
SBR	1	1700	155	0.09	186	0.11
EBL	1	1700	228	0.13*	179	0.11
EBT	3	5100	936	0.18	1533	0.30*
EBR	D	1700	76	0.04	136	0.08
WBL	1	1700	122	0.07	47	0.03*
WBT	3	5100	1623	0.32*	972	0.19
WBR	1	1700	351	0.21	174	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.61

431 - Jeronimo Rd. @ Alicia Pkwy.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	521	0.15*	234	0.07*
NBT	2	3400	724	0.21	336	0.10
NBR	1	1700	169	0.10	81	0.05
SBL	2	3400	85	0.03	166	0.05
SBT	2	3400	402	0.12*	769	0.23*
SBR	1	1700	189	0.11	450	0.26
EBL	2	3400	331	0.10*	244	0.07
EBT	3	5100	1324	0.26	1833	0.36*
EBR	1	1700	189	0.11	430	0.25
WBL	2	3400	171	0.05	121	0.04*
WBT	3	5100	1934	0.38*	1350	0.26
WBR	1	1700	163	0.10	112	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.80		0.75

432 - Alicia Pkwy. @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	240	0.07*	265	0.08
NBT	3	5100	2008	0.39	2343	0.46*
NBR	1	1700	113	0.07	124	0.07
SBL	2	3400	120	0.04	111	0.03*
SBT	4	6800	2469	0.38*	2109	0.32
SBR	0		111		84	
EBL	1	1700	67	0.04	134	0.08
EBT	2	3400	366	0.11*	420	0.12*
EBR	1	1700	461	0.27	463	0.27
WBL	1	1700	137	0.08*	92	0.05*
WBT	2	3400	397	0.12	313	0.09
WBR	1	1700	208	0.12	189	0.11
Adjustment			EBR	0.09		
Overlaps	E				Clearance	0.05
Total ICU				0.78		0.71

433 - I-5 NB Ramps @ Alicia Pkwy.
Short Term Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	107	0.06*	219	0.13*
NBT	0		0		0	
NBR	1.5	3400	334	0.10	550	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2112	0.41*	2461	0.48*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1637	0.32	1660	0.33
WBR	F		0		0	
Adjustment			NBR	0.04	NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.56		0.69

434 - I-5 SB Ramps @ Alicia Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	1216	0.42*	1480	0.46*
SBT	0		0		0	
SBR	1.5	2550	913	0.42	884	0.46
EBL	0		0		0	
EBT	3	5100	2339	0.46*	2042	0.40*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1027	0.20	1328	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.93		0.91

435 - Alicia Pkwy. @ Paseo de Valencia
Short Term Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	313	0.09	307	0.09
NBT	3	5100	1675	0.34*	1519	0.31*
NBR	0		64		67	
SBL	1	1700	66	0.04*	129	0.08*
SBT	3	5100	1303	0.26	1422	0.28
SBR	1	1700	384	0.23	343	0.20
EBL	2	3400	375	0.11*	404	0.12*
EBT	2	3400	240	0.07	445	0.13
EBR	2	3400	244	0.07	516	0.15
WBL	2	3400	87	0.03	108	0.03
WBT	3	5100	426	0.08*	246	0.05*
WBR	1	1700	65	0.04	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.61

436 - Moulton Pkwy. @ Alicia Pkwy.
Short Term Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	47	0.01	82	0.02*
NBT	3	5100	1134	0.22*	589	0.12
NBR	F		502		337	
SBL	2	3400	141	0.04*	177	0.05
SBT	3	5100	555	0.11	1105	0.22*
SBR	1	1700	223	0.13	588	0.35
EBL	2	3400	364	0.11	305	0.09*
EBT	3	5100	1315	0.26*	1222	0.24
EBR	1	1700	94	0.06	66	0.04
WBL	2	3400	237	0.07*	344	0.10
WBT	3	5100	1111	0.22	1379	0.27*
WBR	1	1700	132	0.08	121	0.07
Adjustment					SBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.64		0.71

437 - Scientific Wy. @ ICD
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	8	0.00*	18	0.01
NBT	2	3400	14	0.00	17	0.01*
NBR	1	1700	9	0.01	45	0.03
SBL	2	3400	6	0.00	36	0.01*
SBT	2	3400	36	0.01*	14	0.00
SBR	1	1700	3	0.00	5	0.00
EBL	1	1700	2	0.00*	1	0.00
EBT	3	5100	425	0.08	1324	0.26*
EBR	1	1700	61	0.04	9	0.01
WBL	1	1700	14	0.01	5	0.00*
WBT	3	5100	963	0.19*	620	0.12
WBR	1	1700	100	0.06	43	0.03
Adjustment					NBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.25		0.35

441 - Park Av. @ Jamboree Rd. SB Ramps
Short Term Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	42	0.01	224	0.07*
NBR	1	1700	22	0.01	39	0.02
SBL	1	1700	32	0.02	16	0.01*
SBT	2	3400	145	0.04*	105	0.03
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	788	0.23*	515	0.15*
WBT	0		0		0	
WBR	1	1700	28	0.02	86	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.32		0.28

444 - Sand Canyon Av. @ Burt Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	38	0.01*	38	0.01
NBT	3	5100	622	0.12	1681	0.33*
NBR	D	1700	53	0.03	84	0.05
SBL	1	1700	81	0.05	105	0.06*
SBT	3	5100	2481	0.49*	1130	0.22
SBR	1	1700	58	0.03	45	0.03
EBL	2	3400	112	0.03	27	0.01
EBT	1	1700	26	0.02*	1	0.00*
EBR	1	1700	106	0.06	23	0.01
WBL	1	1700	39	0.02*	60	0.04*
WBT	1	1700	7	0.00	5	0.00
WBR	1	1700	45	0.03	98	0.06
Adjustment			EBR	0.03		
Overlaps				Clearance		0.05
Total ICU				0.62		0.48

452 - Jamboree Rd. @ Santiago Canyon Rd.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	565	0.17*	1804	0.53*
NBT	1	1700	52	0.03	60	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	19	0.01*	135	0.04*
SBR	D	1700	25	0.01	103	0.06
EBL	1	1700	38	0.02*	26	0.02*
EBT	0		0		0	
EBR	2	3400	1594	0.47	511	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.32		
Overlaps					Clearance	0.05
Total ICU				0.57		0.64

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Short Term Approved With Project-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		476		616	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		746	*	491	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

463 - Jamboree Rd. @ Chapman Ave.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	106	0.03	305	0.09
NBT	2	3400	220	0.06*	890	0.26*
NBR	2	3400	218	0.06	157	0.05
SBL	2	3400	819	0.24*	349	0.10*
SBT	3	5100	800	0.16	314	0.06
SBR	1	1700	29	0.02	69	0.04
EBL	2	3400	34	0.01	38	0.01*
EBT	3	5100	1119	0.22*	329	0.06
EBR	1	1700	252	0.15	124	0.07
WBL	2	3400	258	0.08*	297	0.09
WBT	3	5100	411	0.08	1283	0.25*
WBR	2	3400	359	0.11	788	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.67

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	84	0.05*	66	0.04*
SBT	0		0		2	
SBR	2	3400	550	0.16	527	0.16
EBL	0		0		0	*
EBT	4	6800	2023	0.39*	947	0.15
EBR	0		624		82	
WBL	1	1700	61	0.04*	12	0.01
WBT	2	3400	780	0.23	2479	0.73*
WBR	0		0		0	
Adjustment					SBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.53		0.94

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	72	0.02*	561	0.17*
NBT	0		2	0.02	2	0.17
NBR	0.5	850	9	0.02	20	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	297	0.17*	316	0.19*
EBT	4	6800	1760	0.26	732	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	794	0.17*	1915	0.40*
WBR	0		59		100	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.81

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	349	0.10*	964	0.28*
NBT	0		0		0	
NBR	1	1700	2	0.00	3	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	493	0.14	438	0.13
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	618	0.18*	644	0.19*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.33		0.52

468 - Jamboree Rd. @ Canyon View Ave.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03*	789	0.23*
NBT	3	5100	354	0.07	1521	0.30
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1239	0.24*	465	0.09*
SBR	1	1700	105	0.06	274	0.16
EBL	1	1700	143	0.08*	112	0.07*
EBT	0		0		0	
EBR	2	3400	659	0.19	179	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.09	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.49		0.46

469 - Jamboree Rd. @ Handy Creek Rd.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		1352		1502	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		1643	*	975	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

470 - SR-261 SB Ramps @ Handy Creek Rd.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

471 - SR-261 NB Ramps @ Handy Creek Rd.
Short Term Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

477 - El Camino Real N. @ Bryan Ave.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	6	0.00*	86	0.05*
NBT	0		0		0	
NBR	1.5	3400	60	0.02	430	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	380	0.11*	685	0.20
EBR	D	1700	102	0.06	22	0.01
WBL	2	3400	256	0.08*	109	0.03
WBT	2	3400	554	0.16	1338	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.49

481 - Laguna Canyon Rd. @ Technology Dr.
Short Term Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		3	0.00
NBT	2	3400	142	0.04*	219	0.06*
NBR	D	1700	0		37	0.02
SBL	2	3400	1009	0.30*	302	0.09*
SBT	2	3400	240	0.07	73	0.02
SBR	D	1700	217	0.13	27	0.02
EBL	1	1700	59	0.03*	186	0.11*
EBT	1	1700	0		31	0.02
EBR	1	1700	0		8	0.00
WBL	1	1700	0		33	0.02
WBT	1	1700	0	*	12	0.01*
WBR	2	3400	387	0.11	803	0.24
Adjustment					WBR	0.16
Overlaps					Clearance	0.05
Total ICU				0.42		0.48

482 - Visions @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	16	0.01*
NBT	1	1700	0		0	
NBR	1	1700	130	0.08	18	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	691	0.20*	719	0.21*
EBR	1	1700	224	0.13	22	0.01
WBL	1	1700	284	0.17*	21	0.01*
WBT	2	3400	640	0.19	686	0.20
WBR	D	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.28

483 - Tulip @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	59	0.03	53	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	717	0.21*	471	0.14
EBR	D	1700	73	0.04	6	0.00
WBL	1	1700	34	0.02*	53	0.03
WBT	2	3400	658	0.19	709	0.21*
WBR	0		0		0	
Adjustment			NBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.29		0.26

484 - Sand Canyon Av. @ Roosevelt
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	45	0.01*	101	0.03
NBT	4	6800	764	0.11	2007	0.30*
NBR	D	1700	39	0.02	123	0.07
SBL	2	3400	46	0.01	88	0.03*
SBT	4	6800	1786	0.26*	954	0.14
SBR	D	1700	100	0.06	115	0.07
EBL	2	3400	127	0.04*	91	0.03*
EBT	2	3400	30	0.01	51	0.02
EBR	D	1700	99	0.06	81	0.05
WBL	2	3400	132	0.04	49	0.01
WBT	1	1700	87	0.05*	28	0.02*
WBR	D	1700	92	0.05	76	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.43

485 - Sand Canyon Av. @ Nightmist
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	101	0.03*	185	0.05
NBT	4	6800	786	0.12	2118	0.31*
NBR	D	1700	32	0.02	50	0.03
SBL	1	1700	17	0.01	13	0.01*
SBT	4	6800	2071	0.30*	1055	0.16
SBR	D	1700	23	0.01	42	0.02
EBL	2	3400	44	0.01*	34	0.01
EBT	1	1700	12	0.01	4	0.00*
EBR	1	1700	294	0.17	109	0.06
WBL	2	3400	29	0.01	47	0.01*
WBT	1	1700	16	0.01*	1	0.00
WBR	D	1700	28	0.02	16	0.01
Adjustment			EBR	0.14		
Overlaps				Clearance		0.05
Total ICU				0.54		0.38

486 - SR-133 SB Ramps @ Great Park Blvd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		1147		1113	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		1161	*	1083	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

487 - SR-133 NB Ramps @ Great Park Blvd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		1153		1073	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		1204	*	1100	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

514 - Alton Pkwy. @ Rancho Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	91	0.03*	158	0.05
NBT	3	5100	538	0.11	1266	0.25*
NBR	1	1700	145	0.09	147	0.09
SBL	2	3400	143	0.04	20	0.01*
SBT	3	5100	1245	0.24*	517	0.10
SBR	1	1700	55	0.03	34	0.02
EBL	1	1700	48	0.03	21	0.01
EBT	2	3400	37	0.01*	26	0.01*
EBR	D	1700	207	0.12	157	0.09
WBL	1	1700	188	0.11*	175	0.10*
WBT	2	3400	46	0.01	51	0.02
WBR	1	1700	32	0.02	142	0.08

Adjustment EBR 0.09
Overlaps Clearance 0.05

Total ICU 0.53 0.42

515 - Bake Pkwy. N @ Rancho Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	612	0.18	1007	0.30*
NBR	D	1700	259	0.15	683	0.40
SBL	1	1700	99	0.06	272	0.16*
SBT	2	3400	924	0.27*	648	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	545	0.16*	278	0.08*
WBT	0		0		0	
WBR	2	3400	176	0.05	240	0.07

Adjustment NBR 0.04
Overlaps Clearance 0.05

Total ICU 0.48 0.63

516 - Lake Forest Dr. @ Rancho Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	147	0.09*	189	0.11
NBT	2	3400	525	0.15	648	0.19*
NBR	D	1700	168	0.10	388	0.23
SBL	1	1700	124	0.07	153	0.09*
SBT	2	3400	582	0.17*	561	0.17
SBR	D	1700	57	0.03	61	0.04
EBL	1	1700	21	0.01	46	0.03
EBT	1	1700	240	0.14*	704	0.41*
EBR	1	1700	53	0.03	135	0.08
WBL	1	1700	263	0.15*	151	0.09*
WBT	2	3400	617	0.18	331	0.10
WBR	1	1700	52	0.03	65	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.83

517 - Portola Pkwy. @ Rancho Pkwy.
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	622	0.18*	369	0.11*
NBT	3	5100	1282	0.25	788	0.15
NBR	D	1700	17	0.01	4	0.00
SBL	2	3400	17	0.01	16	0.00
SBT	3	5100	746	0.15*	1304	0.26*
SBR	1	1700	132	0.08	124	0.07
EBL	1.5	2550	66	0.02*	241	0.08*
EBT	0.5	850	11	0.02	34	0.08
EBR	F		292		915	
WBL	1.5	2550	10	0.01	18	0.01
WBT	1	1700	23	0.01*	24	0.01*
WBR	1.5	2550	12	0.01	18	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.41 0.51

518 - Alton Pkwy. @ Commercentre
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	648	0.13	1570	0.31*
NBR	D	1700	372	0.22	225	0.13
SBL	1	1700	165	0.10	27	0.02*
SBT	3	5100	1700	0.33*	835	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	196	0.06*	601	0.18*
WBT	0		0		0	
WBR	1.5	1700	42	0.02	165	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.44 0.56

520 - Keystone @ Trabuco Rd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	138	0.04*	38	0.01*
SBT	0		0		0	
SBR	1	1700	397	0.23	177	0.10
EBL	2	3400	167	0.05*	287	0.08*
EBT	2	3400	621	0.18	351	0.10
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	625	0.18*	666	0.20*
WBR	1	1700	23	0.01	102	0.06

Adjustment SBR 0.15 SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.47 0.37

555 - Bake Pkwy. @ Rancho Pkwy. S
Short Term Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	250	0.15*	151	0.09
NBT	2	3400	699	0.21	1380	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1107	0.33*	844	0.25
SBR	1	1700	311	0.18	128	0.08
EBL	2	3400	121	0.04*	298	0.09*
EBT	0		0		0	
EBR	1	1700	147	0.09	155	0.09
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.55

556 - Ridge Valley @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	120	0.04	90	0.03*
NBT	1	1700	13	0.01*	31	0.02
NBR	D	1700	36	0.02	55	0.03
SBL	1	1700	100	0.06*	14	0.01
SBT	2	3400	56	0.02	14	0.00*
SBR	D	1700	23	0.01	30	0.02
EBL	1	1700	6	0.00	34	0.02*
EBT	2	3400	603	0.18*	474	0.14
EBR	D	1700	117	0.07	57	0.03
WBL	1	1700	91	0.05*	29	0.02
WBT	2	3400	560	0.16	551	0.16*
WBR	D	1700	36	0.02	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.26

558 - Ridge Valley @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	284	0.08*	228	0.07*
NBT	2	3400	180	0.05	98	0.03
NBR	D	1700	92	0.05	59	0.03
SBL	1	1700	181	0.11	74	0.04
SBT	2	3400	299	0.09*	68	0.02*
SBR	F		371		264	
EBL	2	3400	100	0.03*	383	0.11*
EBT	3	5100	1282	0.25	1185	0.23
EBR	1	1700	161	0.09	274	0.16
WBL	2	3400	46	0.01	65	0.02
WBT	3	5100	1292	0.25*	1475	0.29*
WBR	1	1700	89	0.05	65	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.54

559 - Ridge Valley @ Great Park Blvd.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	151	0.04	235	0.07
NBT	2	1700	9	0.01*	54	0.03*
NBR	0	1700	49	0.03	97	0.06
SBL	1	1700	137	0.08*	106	0.06*
SBT	2	3400	34	0.01	30	0.01
SBR	F		420		255	
EBL	2	3400	148	0.04	337	0.10*
EBT	2	3400	790	0.23*	607	0.18
EBR	F		195		173	
WBL	1	1700	53	0.03*	67	0.04
WBT	2	3400	654	0.20	568	0.21*
WBR	0		40		131	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.45

560 - Ridge Valley @ Marine Wy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	120	0.04*	110	0.03*
SBT	0		0		0	
SBR	1	1700	281	0.17	203	0.12
EBL	2	3400	78	0.02*	556	0.16*
EBT	2	3400	481	0.14	529	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	420	0.12*	298	0.09*
WBR	1	1700	155	0.09	159	0.09
Adjustment			SBR	0.11		
Overlaps				Clearance		0.05
Total ICU				0.34		0.33

561 - Bosque @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	97	0.06*	77	0.05*
NBT	0		0		0	
NBR	1	1700	288	0.17	187	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1524	0.30*	1061	0.21
EBR	1	1700	95	0.06	62	0.04
WBL	1	1700	222	0.13*	173	0.10
WBT	3	5100	1572	0.31	1799	0.35*
WBR	0		0		0	
Adjustment			NBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.55		0.45

562 - Skyhawk @ Marine Wy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	0		0		0	*
NBR	0		0		0	
SBL	1	1700	0		20	0.01*
SBT	0		0	*	0	
SBR	2	3400	408	0.12	184	0.05
EBL	2	3400	140	0.04	492	0.14*
EBT	2	3400	440	0.13*	229	0.07
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	3400	202	0.06	344	0.10*
WBR	1	1700	0		81	0.05
Adjustment			SBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.25		0.30

563 - Chinon @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	315	0.12*	93	0.05*
NBT	0		0		0	
NBR	0.5	850	96	0.12	87	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1664	0.33*	820	0.16
EBR	1	1700	305	0.18	97	0.06
WBL	1	1700	41	0.02*	179	0.11
WBT	3	5100	724	0.14	1613	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.42

565 - Treble @ Marine Wy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	2	3400	882	0.26*	357	0.11*
SBT	1	1700	0	0.03	0	0.03
SBR	0		49		53	
EBL	1	1700	32	0.02	45	0.03*
EBT	2	3400	369	0.11*	154	0.05
EBR	D	1700	0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	90	0.03	399	0.12*
WBR	1	1700	139	0.08	785	0.46
Adjustment					WBR	0.23
Overlaps	W				Clearance	0.05
Total ICU				0.42		0.54

566 - Marine Wy. @ Barranca Pkwy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01*	147	0.04*
NBT	0		156		573	
NBR	1	1700	31	0.02	110	0.06
SBL	0		504		434	
SBT	0		745	*	211	*
SBR	0		707		577	
EBL	0		312		741	
EBT	2	3400	61	0.11*	143	0.26*
EBR	1	1700	91	0.05	69	0.04
WBL	2	3400	99	0.03*	54	0.02*
WBT	2	1700	94	0.06	148	0.09
WBR	0	1700	339	0.20	578	0.34
Adjustment			WBR	0.05	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.25		0.40

567 - Marine Wy. @ Alton Pkwy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	651	0.19*	417	0.12*
NBT	2	3400	59	0.02	10	0.00
NBR	1	1700	628	0.37	390	0.23
SBL	2	3400	11	0.00	80	0.02
SBT	2	3400	7	0.00*	90	0.03*
SBR	1	1700	11	0.01	85	0.05
EBL	2	3400	65	0.02	16	0.00
EBT	3	5100	690	0.14*	600	0.12*
EBR	F		431		678	
WBL	2	3400	257	0.08*	445	0.13*
WBT	3	5100	426	0.08	422	0.08
WBR	1	1700	38	0.02	10	0.01
Adjustment			NBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.58		0.45

568 - Ada @ Marine Wy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00*	22	0.01*
NBT	0		0		0	
NBR	1	1700	2	0.00	6	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	400	0.13*	194	0.06
EBR	0		28		7	
WBL	0		3	*	4	
WBT	2	3400	137	0.04	447	0.13*
WBR	1	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.18		0.19

569 - Bake Pkwy @ Marine Wy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	946	0.28*	446	0.13
NBT	3	5100	2612	0.51	2641	0.52*
NBR	1	1700	173	0.10	71	0.04
SBL	1	1700	125	0.07	42	0.02*
SBT	4	6800	2619	0.39*	2470	0.36
SBR	1	1700	683	0.40	264	0.16
EBL	2	3400	240	0.07*	507	0.15*
EBT	1	1700	16	0.01	14	0.01
EBR	2	3400	334	0.10	804	0.24
WBL	1	1700	35	0.02	146	0.09
WBT	2	3400	9	0.00*	16	0.00*
WBR	D	1700	25	0.01	92	0.05
Adjustment					EBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.79		0.78

571 - Portola Springs @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	233	0.07*	270	0.08*
NBT	1	1700	68	0.06	48	0.04
NBR	0		38		19	
SBL	1	1700	8	0.00	6	0.00
SBT	1	1700	95	0.06*	30	0.02*
SBR	D	1700	152	0.09	85	0.05
EBL	1	1700	56	0.03*	156	0.09*
EBT	2	3400	175	0.05	181	0.05
EBR	1	1700	303	0.18	138	0.08
WBL	1	1700	36	0.02	20	0.01
WBT	2	3400	156	0.05*	211	0.06*
WBR	D	1700	4	0.00	12	0.01
Adjustment				Multi 0.08		
Overlaps					Clearance	0.05
Total ICU				0.34		0.30

572 - Modjeska @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03	77	0.05
NBT	1	1700	24	0.01*	62	0.04*
NBR	1	1700	73	0.04	84	0.05
SBL	2	3400	477	0.14*	200	0.06*
SBT	1	1700	100	0.06	20	0.01
SBR	1	1700	418	0.25	265	0.16
EBL	2	3400	171	0.05	382	0.11*
EBT	3	5100	1376	0.27*	789	0.15
EBR	1	1700	69	0.04	43	0.03
WBL	1	1700	91	0.05*	44	0.03
WBT	3	5100	917	0.18	1292	0.25*
WBR	1	1700	258	0.15	316	0.19
Adjustment				SBR 0.02	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.54		0.54

574 - Ridge Valley @ Benchmark
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01	0	
NBT	2	3400	108	0.04*	213	0.08*
NBR	0		23		64	
SBL	1	1700	112	0.07*	40	0.02*
SBT	2	3400	246	0.08	171	0.05
SBR	0		36		2	
EBL	1	1700	21	0.01	12	0.01
EBT	1	1700	6	0.01*	0	0.00*
EBR	0		17		1	
WBL	1	1700	113	0.07*	38	0.02*
WBT	1	1700	4	0.07	0	0.01
WBR	0		108		14	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.17

575 - Ridge Valley @ Hornet
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	49	0.03
NBT	2	3400	50	0.03	242	0.10*
NBR	0		44		96	
SBL	1	1700	56	0.03	95	0.06*
SBT	2	3400	346	0.10*	113	0.03
SBR	D	1700	46	0.03	41	0.02
EBL	1	1700	89	0.05*	40	0.02*
EBT	1	1700	26	0.04	5	0.01
EBR	0		35		18	
WBL	1	1700	71	0.04	70	0.04
WBT	1	1700	10	0.03*	10	0.08*
WBR	0		40		130	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.31

576 - Ridge Valley @ Phantom
Short Term Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	461	0.17*
NBR	0		39		122	
SBL	1	1700	11	0.01	23	0.01*
SBT	2	3400	395	0.12*	257	0.08
SBR	0		5		6	
EBL	1	1700	3	0.00	5	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		30		16	
WBL	1	1700	27	0.02*	45	0.03*
WBT	1	1700	0	0.00	1	0.01
WBR	0		3		15	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.22		0.27

577 - Pusan Way @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	27	0.02
NBT	1	1700	52	0.03	41	0.02*
NBR	1	1700	64	0.04	39	0.02
SBL	1	1700	18	0.01	34	0.02*
SBT	1	1700	47	0.03*	26	0.02
SBR	1	1700	136	0.08	144	0.08
EBL	1	1700	102	0.06	181	0.11*
EBT	3	5100	1859	0.36*	910	0.18
EBR	1	1700	48	0.03	24	0.01
WBL	1	1700	43	0.03*	45	0.03
WBT	3	5100	1108	0.22	1656	0.32*
WBR	1	1700	44	0.03	56	0.03

Adjustment					
Overlaps			Clearance	0.05	
Total ICU			0.51		0.52

579 - Merit @ Irvine Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05*	83	0.02*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	201	0.12	99	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	29	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1342	0.26*	821	0.16
EBR	1	1700	389	0.23	43	0.03
WBL	2	3400	199	0.06*	109	0.03
WBT	3	5100	541	0.11	1726	0.34*
WBR	1	1700	35	0.02	42	0.02

Adjustment			NBR	0.02	
Overlaps			Clearance	0.05	
Total ICU			0.50		0.43

584 - Orchard Hills Dr. @ Portola Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	226	0.11*	108	0.06*
SBT	0		0		0	
SBR	1.5	2550	335	0.11	215	0.06
EBL	1	1700	100	0.06*	382	0.22*
EBT	3	5100	1215	0.24	843	0.17
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1203	0.24*	1063	0.21*
WBR	D	1700	67	0.04	243	0.14

Adjustment					
Overlaps			Clearance	0.05	
Total ICU			0.46		0.54

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	94	0.04*	137	0.06*
NBR	0		30		60	
SBL	2	3400	500	0.15*	783	0.23*
SBT	1	1700	90	0.05	112	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	44	0.03*	63	0.04*
WBT	0		0		0	
WBR	2	3400	1276	0.38	427	0.13

Adjustment			WBR	0.24	
Overlaps			Clearance	0.05	
Total ICU			0.51		0.38

593 - Alton Pkwy. @ Fairbanks
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	156	0.09*	257	0.15*
NBT	3	3400	270	0.08	940	0.20
NBR	0	1700	144	0.08	85	
SBL	1	1700	3	0.00	1	0.00
SBT	3	5100	1161	0.30*	343	0.10*
SBR	0		355		323	0.19
EBL	1	1700	423	0.25*	317	0.19*
EBT	1	1700	163	0.19	148	0.21
EBR	0		157		210	
WBL	1	1700	93	0.05	30	0.02
WBT	1	1700	231	0.14*	132	0.08*
WBR	0		3		0	

Adjustment					
Overlaps			Clearance	0.05	
Total ICU			0.83		0.57

595 - Skyhawk @ Great Park Blvd
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	158	
NBT	2	1700	0		0	0.09*
NBR	0	1700	243	0.14	388	0.23
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	969	0.28*	684	0.22
EBR	0		0		55	
WBL	0		178	*	211	
WBT	2	3400	708	0.26	1074	0.38*
WBR	0		0		0	

Adjustment			NBR	0.14	NBR 0.02
Overlaps			Clearance	0.05	
Total ICU			0.47		0.54

637 - Sterling @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		61	*	119	*
NBT	0		78		11	
NBR	0		11		88	
SBL	0		8		59	
SBT	1	1700	7	0.01*	101	0.11*
SBR	0		6		20	
EBL	1	1700	28	0.02*	2	0.00
EBT	2	3400	242	0.11	910	0.31*
EBR	0		136		145	
WBL	0		17		19	*
WBT	2	3400	510	0.17*	224	0.07
WBR	0		54		5	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.47

640 - Thomas @ Muirlands Bl.
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	26	0.02	42	0.02*
NBT	1	1700	35	0.02*	7	0.00
NBR	D	1700	8	0.00	33	0.02
SBL	1	1700	17	0.01*	37	0.02
SBT	1	1700	6	0.00	23	0.01*
SBR	D	1700	2	0.00	26	0.02
EBL	1	1700	14	0.01*	2	0.00
EBT	2	3400	190	0.06	962	0.28*
EBR	D	1700	41	0.02	75	0.04
WBL	1	1700	54	0.03	1	0.00*
WBT	2	3400	615	0.18*	258	0.08
WBR	D	1700	23	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.36

641 - Thomas @ Rockfield
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		25		316	
SBT	1	1700	0	0.01*	0	0.19*
SBR	D	1700	15	0.01	45	0.03
EBL	1	1700	56	0.03*	72	0.04*
EBT	2	3400	5	0.00	86	0.03
EBR	0		0		0	
WBL	0		0		0	
WBT	1	1700	136	0.08*	60	0.04*
WBR	1	1700	221	0.13	14	0.01
Adjustment			WBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.21		0.32

655 - Ridge Valley @ Corsair
Short Term Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01*	42	0.02
NBT	2	3400	65	0.03	375	0.15*
NBR	0		44		123	
SBL	1	1700	24	0.01	40	0.02*
SBT	2	3400	403	0.12*	153	0.05
SBR	D	1700	18	0.01	0	
EBL	1	1700	13	0.01	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		84		23	
WBL	1	1700	76	0.04*	71	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	24	0.01	16	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.27

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Short Term Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	423	0.25*	3	0.00*
SBT	0		0		0	
SBR	1.5	2550	454	0.26	458	0.14
EBL	2	3400	801	0.24	858	0.25*
EBT	1	1700	536	0.32*	153	0.09
EBR	0		0		0	
WBL	0		0	*	0	
WBT	2	1700	61	0.04	834	0.25*
WBR	0	1700	85	0.05	27	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.55

581 - Lynx @ Irvine Bl.

Short Term Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	9	0.01*	6	0.00*
NBT	1	1700	0		0	
NBR	1	1700	94	0.06	25	0.01
SBL	1	1700	9	0.01	8	0.00
SBT	1	1700	0	0.00*	0	0.00*
SBR	0		1		2	
EBL	1	1700	2	0.00	1	0.00*
EBT	3	5100	2558	0.50*	904	0.18
EBR	1	1700	5	0.00	6	0.00
WBL	1	1700	27	0.02*	70	0.04
WBT	3	5100	1172	0.23	2289	0.45*
WBR	0		8		9	
Adjustment			NBR	0.04		
Overlaps					Clearance	0.05
Total ICU				0.62		0.50

ITAM ICU Intersection Report
Long Range Approved Baseline

16 - Newport Av. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	114	0.07*	153	0.09
NBT	3	5100	443	0.09	1022	0.20*
NBR	1	1700	187	0.11	355	0.21
SBL	1	1700	154	0.09	104	0.06*
SBT	3	5100	1469	0.29*	485	0.10
SBR	D	1700	221	0.13	246	0.14
EBL	2	3400	112	0.03	225	0.07*
EBT	3	5100	859	0.17*	913	0.18
EBR	D	1700	66	0.04	83	0.05
WBL	2	3400	329	0.10*	144	0.04
WBT	3	5100	962	0.19	931	0.18*
WBR	D	1700	18	0.01	17	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.68 0.56

34 - Red Hill Av. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	230	0.07*	812	0.24*
NBT	1	1700	173	0.10	403	0.24
NBR	1	1700	127	0.07	132	0.08
SBL	2	3400	182	0.05	129	0.04
SBT	2	3400	413	0.12*	190	0.06*
SBR	D	1700	100	0.06	68	0.04
EBL	1	1700	35	0.02	74	0.04*
EBT	3	5100	1048	0.27*	1313	0.30
EBR	0		330		233	
WBL	1	1700	223	0.13*	241	0.14
WBT	3	5100	1535	0.32	2219	0.45*
WBR	0		80		98	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.64 0.84

54 - Browning Av. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	97	0.06*	192	0.11*
NBT	1	1700	98	0.06	60	0.04
NBR	1	1700	35	0.02	44	0.03
SBL	0		43		13	
SBT	1	1700	78	0.07*	12	0.01*
SBR	D	1700	94	0.06	34	0.02
EBL	1	1700	55	0.03*	38	0.02*
EBT	2	3400	1459	0.43	1330	0.39
EBR	D	1700	130	0.08	66	0.04
WBL	1	1700	42	0.02	40	0.02
WBT	2	3400	1701	0.50*	2075	0.61*
WBR	D	1700	38	0.02	31	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.71 0.80

91 - Tustin Ranch Rd. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	518	0.15*
NBT	3	5100	514	0.10	844	0.17
NBR	1	1700	218	0.13	302	0.18
SBL	2	3400	284	0.08	118	0.03
SBT	3	5100	1401	0.27*	413	0.08*
SBR	1	1700	460	0.27	257	0.15
EBL	2	3400	163	0.05	267	0.08*
EBT	3	5100	864	0.17*	883	0.17
EBR	1	1700	475	0.28	225	0.13
WBL	2	3400	344	0.10*	132	0.04
WBT	3	5100	1125	0.22	1371	0.27*
WBR	1	1700	164	0.10	265	0.16

Adjustment EBR 0.06
Overlaps N S Clearance 0.05

Total ICU 0.71 0.63

123 - Jamboree Rd. @ Tustin Ranch Rd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	121	0.07*	26	0.02
NBT	2	3400	326	0.10	2145	0.63*
NBR	1	1700	12	0.01	5	0.00
SBL	1	1700	16	0.01	0	*
SBT	2	3400	2138	0.63*	464	0.14
SBR	1	1700	337	0.20	53	0.03
EBL	2	3400	67	0.02*	291	0.09*
EBT	1	1700	11	0.01	2	0.00
EBR	1	1700	20	0.01	6	0.00
WBL	1	1700	10	0.01	32	0.02
WBT	1	1700	4	0.00*	23	0.01*
WBR	1	1700	7	0.00	44	0.03

Adjustment WBR 0.02
Overlaps Clearance 0.05

Total ICU 0.77 0.80

124 - Jamboree Rd. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	34	0.01*	116	0.03
NBT	3	5100	203	0.04	1218	0.24*
NBR	F		155		227	
SBL	2	3400	609	0.18	228	0.07*
SBT	3	5100	1328	0.26*	358	0.07
SBR	D	1700	7	0.00	9	0.01
EBL	1	1700	8	0.00	23	0.01*
EBT	2	3400	210	0.06*	259	0.08
EBR	D	1700	67	0.04	89	0.05
WBL	1	1700	266	0.16*	187	0.11
WBT	2	3400	357	0.11	653	0.19*
WBR	2	3400	210	0.06	1010	0.30

Adjustment WBR 0.06
Overlaps Clearance 0.05

Total ICU 0.54 0.62

125 - Jamboree Rd. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	186	0.05*	485	0.14
NBT	3	5100	476	0.09	1720	0.34*
NBR	1	1700	130	0.08	448	0.26
SBL	2	3400	314	0.09	189	0.06*
SBT	3	5100	2406	0.47*	729	0.14
SBR	F		160		76	
EBL	2	3400	132	0.04	275	0.08*
EBT	3	5100	839	0.16*	991	0.19
EBR	1	1700	397	0.23	290	0.17
WBL	2	3400	596	0.18*	320	0.09
WBT	3	5100	1084	0.21	1442	0.28*
WBR	D	1700	183	0.11	384	0.23
Adjustment			EBR	0.03		
Overlaps					Clearance	0.05
Total ICU				0.94		0.81

126 - Jamboree Rd. @ Bryan Av.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	62	0.02*	333	0.10
NBT	4	6800	538	0.08	2249	0.33*
NBR	1	1700	91	0.05	384	0.23
SBL	2	3400	120	0.04	163	0.05*
SBT	4	6800	2616	0.38*	976	0.14
SBR	D	1700	86	0.05	231	0.14
EBL	2	3400	71	0.02	236	0.07*
EBT	2	3400	240	0.07*	402	0.12
EBR	D	1700	238	0.14	169	0.10
WBL	2	3400	488	0.14*	294	0.09
WBT	2	3400	334	0.10	825	0.24*
WBR	1	1700	68	0.04	276	0.16
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.71		0.74

127 - Jamboree Rd. @ El Camino Real
Long Range Approved No Project-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	186	0.05*	786	0.23
NBT	4	6800	697	0.10	2574	0.38*
NBR	1	1700	631	0.37	388	0.23
SBL	1	1700	202	0.12	63	0.04*
SBT	4	6800	3091	0.45*	1043	0.15
SBR	1	1700	85	0.05	249	0.15
EBL	1	1700	48	0.03	253	0.15*
EBT	1	1700	151	0.09*	153	0.09
EBR	2	3400	295	0.09	392	0.12
WBL	2	3400	480	0.14*	508	0.15
WBT	2	3400	113	0.06	318	0.14*
WBR	0		80		163	
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.78		0.76

128 - Jamboree Rd. @ I-5 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1160	0.17	2876	0.42*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3227	0.47*	1578	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1102	0.32*	442	0.26*
WBT	0		0		0	
WBR	1.5	1700	346	0.20	1057	0.31
Adjustment					WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.84		0.78

129 - Jamboree Rd. @ I-5 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1146	0.17	2588	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3479	0.51*	1504	0.22
SBR	F		0		0	
EBL	2	3400	490	0.14*	585	0.17*
EBT	0		0		0	
EBR	2	3400	797	0.23	628	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.79		0.60

131 - Jamboree Rd. SB @ Walnut Av.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	347	0.10	325	0.10
SBT	2	3400	1013	0.30*	466	0.14*
SBR	1	1700	441	0.26	169	0.10
EBL	0		0		0	
EBT	3	5100	403	0.08*	714	0.14*
EBR	1	1700	310	0.18	421	0.25
WBL	2	3400	409	0.12*	419	0.12*
WBT	3	5100	575	0.11	1149	0.23
WBR	0		0		0	
Adjustment			EBR	0.10	EBR	0.11
Overlaps				Clearance		0.05
Total ICU				0.65		0.56

132 - Jamboree Rd. NB @ Walnut Av.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	297	0.09	584	0.17
NBT	2	3400	361	0.11*	652	0.19*
NBR	D	1700	158	0.09	594	0.35
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	106	0.03*	267	0.08*
EBT	3	5100	641	0.13	739	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	682	0.13*	1070	0.21*
WBR	1	1700	286	0.17	320	0.19
Adjustment			WBR	0.04	NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.36		0.58

133 - Jamboree Rd. @ Edinger Av.
Long Range Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03	273	0.08*
NBT	0		0	*	0	
NBR	1	1700	66	0.04	208	0.12
SBL	2	3400	296	0.09*	262	0.08
SBT	0		0		0	*
SBR	F		830		438	
EBL	2	3400	257	0.08*	626	0.18*
EBT	3	5100	787	0.17	1150	0.25
EBR	0		101		128	
WBL	2	3400	220	0.06	143	0.04
WBT	3	5100	1187	0.23*	1592	0.31*
WBR	1	1700	258	0.15	300	0.18
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.45		0.62

135 - Jamboree Rd. NB @ Warner Av.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		16		7	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	35	0.02	117	0.07
EBL	1	1700	279	0.16*	786	0.46*
EBT	2	3400	509	0.15	913	0.27
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	521	0.15*	819	0.24*
WBR	D	1700	209	0.12	266	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.75

136 - Jamboree Rd. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	316	0.09*	465	0.14
NBT	5	8500	806	0.09	2970	0.35*
NBR	1	1700	139	0.08	122	0.07
SBL	2	3400	368	0.11	285	0.08*
SBT	4	6800	2749	0.40*	1178	0.17
SBR	F		2074		492	
EBL	3	5100	218	0.04*	1326	0.26*
EBT	2	3400	529	0.16	787	0.23
EBR	1	1700	164	0.10	281	0.17
WBL	2	3400	169	0.05	108	0.03
WBT	3	5100	1029	0.20*	782	0.15*
WBR	F		163		661	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.89

157 - SR-261 SB Ramps @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	385	0.23*	118	0.07*
SBT	0		0		0	
SBR	2	3400	140	0.04	38	0.01
EBL	0		0		0	*
EBT	3	5100	879	0.17*	727	0.14
EBR	1	1700	125	0.07	30	0.02
WBL	2	3400	188	0.06*	81	0.02
WBT	3	5100	636	0.12	1869	0.37*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.49

158 - SR-261 NB Ramps @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	28	0.02*	56	0.03*
NBT	0		0		0	
NBR	0.5	1700	36	0.02	200	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	92	0.03	50	0.01*
EBT	3	5100	1133	0.22*	754	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	830	0.16	1972	0.39*
WBR	1	1700	124	0.07	396	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.29		0.48

159 - SR-261 SB Ramps @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	33	0.01*	46	0.01*
SBT	0		0		0	
SBR	1	1700	195	0.11	66	0.04
EBL	0		0	*	0	*
EBT	3	5100	962	0.19	1385	0.27
EBR	D	1700	106	0.06	39	0.02
WBL	2	3400	390	0.11	111	0.03
WBT	3	5100	1585	0.31*	2088	0.41*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.47		0.50

160 - SR-261 NB Ramps @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	15	0.01*	207	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	41	0.01	343	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	49	0.03*	89	0.05*
EBT	3	5100	821	0.16	1186	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1565	0.31*	1906	0.37*
WBR	1	1700	57	0.03	58	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.58

218 - Culver Dr. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	484	0.14*
NBT	2	3400	162	0.05	243	0.07
NBR	1	1700	230	0.14	217	0.13
SBL	2	3400	86	0.03	82	0.02
SBT	2	3400	335	0.10*	239	0.07*
SBR	1	1700	127	0.07	142	0.08
EBL	2	3400	105	0.03	129	0.04*
EBT	3	5100	770	0.15*	429	0.08
EBR	1	1700	302	0.18	175	0.10
WBL	2	3400	255	0.08*	170	0.05
WBT	3	5100	510	0.10	1743	0.34*
WBR	1	1700	50	0.03	72	0.04
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.42		0.64

220 - Culver Dr. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	157	0.05*	326	0.10
NBT	3	5100	441	0.09	1185	0.23*
NBR	1	1700	194	0.11	423	0.25
SBL	2	3400	195	0.06	185	0.05*
SBT	3	5100	1318	0.26*	629	0.12
SBR	D	1700	197	0.12	141	0.08
EBL	2	3400	75	0.02	217	0.06*
EBT	3	5100	541	0.11*	725	0.14
EBR	D	1700	240	0.14	149	0.09
WBL	2	3400	515	0.15*	303	0.09
WBT	3	5100	908	0.18	1466	0.29*
WBR	D	1700	54	0.03	179	0.11
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.62		0.68

221 - Culver Dr. @ Bryan Av.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	225	0.07*	644	0.19
NBT	3	5100	714	0.14	1861	0.36*
NBR	1	1700	201	0.12	415	0.24
SBL	2	3400	71	0.02	67	0.02*
SBT	3	5100	2055	0.40*	982	0.19
SBR	D	1700	190	0.11	113	0.07
EBL	2	3400	99	0.03	161	0.05
EBT	1.5	2550	209	0.10*	415	0.17*
EBR	1.5	2550	315	0.10	430	0.17
WBL	2	3400	408	0.12*	238	0.07*
WBT	2	3400	317	0.12	537	0.18
WBR	0		85		84	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.74		0.67

222 - Culver Dr. @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	790	0.15	2437	0.48*
NBR	F		651		937	
SBL	1	1700	119	0.07	98	0.06*
SBT	3	5100	2061	0.40*	1246	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	772	0.23*	669	0.20*
WBT	0		0		0	
WBR	2	3400	314	0.09	669	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.79

223 - Culver Dr. @ I-5 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1087	0.16	2244	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2322	0.46*	1543	0.30
SBR	F		0		0	
EBL	3	5100	375	0.07*	1135	0.22*
EBT	0		0		0	
EBR	2	3400	576	0.17	715	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.68		0.60

224 - Culver Dr. @ Walnut Av.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	216	0.06
NBT	3	5100	801	0.16	1651	0.32*
NBR	1	1700	258	0.15	322	0.19
SBL	2	3400	193	0.06	285	0.08*
SBT	3	5100	1882	0.37*	1235	0.24
SBR	1	1700	445	0.26	398	0.23
EBL	2	3400	365	0.11*	586	0.17*
EBT	2	3400	416	0.12	608	0.18
EBR	1	1700	127	0.07	103	0.06
WBL	2	3400	343	0.10	297	0.09
WBT	2	3400	507	0.15*	690	0.20*
WBR	1	1700	317	0.19	259	0.15
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.70		0.82

226 - Culver Dr. @ ICD
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	243	0.07*	315	0.09
NBT	4	6800	744	0.11	1450	0.21*
NBR	F		392		523	
SBL	2	3400	201	0.06	228	0.07*
SBT	4	6800	1923	0.28*	1155	0.17
SBR	1	1700	213	0.13	169	0.10
EBL	2	3400	109	0.03	209	0.06*
EBT	3	5100	804	0.16*	994	0.19
EBR	F		281		368	
WBL	2	3400	523	0.15*	340	0.10
WBT	3	5100	1150	0.23	1849	0.36*
WBR	F		159		204	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.75

227 - Culver Dr. @ Warner Av.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	41	0.02*	111	0.07
NBT	3	5100	888	0.17	2194	0.43*
NBR	1	1700	131	0.08	180	0.11
SBL	1	1700	177	0.10	124	0.07*
SBT	3	5100	2367	0.46*	1593	0.31
SBR	D	1700	139	0.08	195	0.11
EBL	2	3400	132	0.04	170	0.05
EBT	2	3400	236	0.07*	226	0.07*
EBR	D	1700	100	0.06	139	0.08
WBL	1	1700	203	0.12*	81	0.05*
WBT	2	3400	280	0.08	166	0.05
WBR	D	1700	227	0.13	145	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.67

228 - Culver Dr. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	216	0.06*	200	0.06
NBT	3	5100	784	0.15	1692	0.33*
NBR	1	1700	293	0.17	279	0.16
SBL	2	3400	396	0.12	201	0.06*
SBT	3	5100	1873	0.37*	1369	0.27
SBR	F		426		249	
EBL	2	3400	148	0.04*	605	0.18*
EBT	2	3400	623	0.18	915	0.27
EBR	1	1700	212	0.12	375	0.22
WBL	2	3400	189	0.06	260	0.08
WBT	2	3400	880	0.26*	782	0.23*
WBR	D	1700	111	0.07	216	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.85

229 - Culver Dr. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	160	0.05*	213	0.06
NBT	4	6800	1103	0.16	1992	0.29*
NBR	1	1700	242	0.14	417	0.25
SBL	2	3400	107	0.03	250	0.07*
SBT	3	5100	1825	0.36*	1323	0.26
SBR	F		349		366	
EBL	2	3400	179	0.05*	271	0.08
EBT	3	5100	465	0.13	877	0.21*
EBR	0		208		214	
WBL	2	3400	304	0.09	281	0.08*
WBT	2	3400	778	0.23*	733	0.22
WBR	1	1700	214	0.13	251	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.74		0.70

232 - Culver Dr. @ I-405 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1456	0.29	2400	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1695	0.33*	1783	0.35
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	577	0.17*	384	0.15*
WBT	0		0		0	
WBR	1.5	1700	253	0.15	369	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.67

233 - Culver Dr. @ I-405 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1660	0.33	1722	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1889	0.37*	1609	0.32
SBR	F		0		0	
EBL	1.5	2550	620	0.21*	974	0.29*
EBT	0		0		0	
EBR	1.5	2550	470	0.21	371	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.68

235 - Culver Dr. @ University Dr.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	74	0.02*	58	0.02*
NBT	4	6800	1253	0.18	1446	0.21
NBR	2	3400	720	0.21	907	0.27
SBL	2	3400	54	0.02	56	0.02
SBT	3	5100	1207	0.24*	1235	0.24*
SBR	D	1700	382	0.22	152	0.09
EBL	2	3400	79	0.02	242	0.07
EBT	3	5100	998	0.20*	1233	0.24*
EBR	D	1700	69	0.04	68	0.04
WBL	2	3400	757	0.22*	725	0.21*
WBT	3	5100	1361	0.28	639	0.14
WBR	0		67		55	
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.73		0.76

243 - Yale Av. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	70	0.04	67	0.04
NBT	2	1700	131	0.08*	58	0.03*
NBR	0	1700	150	0.09	107	0.06
SBL	1	1700	107	0.06*	80	0.05*
SBT	1	1700	91	0.05	55	0.03
SBR	D	1700	147	0.09	136	0.08
EBL	1	1700	153	0.09	101	0.06*
EBT	3	5100	832	0.16*	540	0.11
EBR	D	1700	85	0.05	75	0.04
WBL	1	1700	200	0.12*	150	0.09
WBT	3	5100	645	0.13	1764	0.35*
WBR	D	1700	123	0.07	95	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.47		0.54

249 - Yale Av. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	107	0.06*	241	0.14*
NBT	2	3400	267	0.08	325	0.10
NBR	D	1700	112	0.07	132	0.08
SBL	2	3400	263	0.08	166	0.05
SBT	2	3400	463	0.14*	158	0.05*
SBR	D	1700	321	0.19	142	0.08
EBL	1	1700	113	0.07*	240	0.14*
EBT	3	5100	666	0.15	960	0.21
EBR	0		107		125	
WBL	1	1700	153	0.09	93	0.05
WBT	3	5100	859	0.20*	1523	0.35*
WBR	0		177		238	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.73

252 - Yale Av. @ Bryan Av.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04*	180	0.11*
NBT	2	3400	238	0.07	440	0.13
NBR	D	1700	32	0.02	48	0.03
SBL	1	1700	26	0.02	35	0.02
SBT	2	3400	449	0.13*	299	0.09*
SBR	D	1700	71	0.04	73	0.04
EBL	1	1700	44	0.03*	132	0.08*
EBT	2	3400	181	0.05	442	0.13
EBR	D	1700	74	0.04	107	0.06
WBL	1	1700	45	0.03	38	0.02
WBT	2	3400	355	0.10*	541	0.16*
WBR	D	1700	20	0.01	50	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.49

255 - Yale Av. @ Trabuco Rd.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	135	0.08*	110	0.06
NBT	2	3400	295	0.09	768	0.23*
NBR	D	1700	86	0.05	191	0.11
SBL	1	1700	124	0.07	91	0.05*
SBT	2	3400	497	0.15*	349	0.10
SBR	D	1700	211	0.12	71	0.04
EBL	1	1700	48	0.03	183	0.11*
EBT	2	3400	202	0.06*	367	0.11
EBR	D	1700	59	0.03	111	0.07
WBL	1	1700	159	0.09*	73	0.04
WBT	2	3400	371	0.11	303	0.09*
WBR	D	1700	62	0.04	151	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.53

259 - Yale Av. @ Walnut Av.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	206	0.06*	267	0.08
NBT	2	3400	242	0.11	724	0.26*
NBR	0		125		151	
SBL	1	1700	76	0.04	75	0.04*
SBT	2	3400	628	0.18*	248	0.07
SBR	1	1700	319	0.19	272	0.16
EBL	1	1700	206	0.12*	475	0.28*
EBT	2	3400	375	0.11	422	0.12
EBR	D	1700	375	0.22	173	0.10
WBL	1	1700	143	0.08	58	0.03
WBT	2	3400	368	0.11*	500	0.15*
WBR	D	1700	48	0.03	135	0.08
Adjustment			EBR	0.02		
Overlaps		S		Clearance		0.05
Total ICU				0.54		0.78

261 - Yale Av. @ ICD

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	143	0.08	107	0.06
NBT	2	3400	160	0.05*	321	0.09*
NBR	D	1700	236	0.14	146	0.09
SBL	1	1700	438	0.26*	141	0.08*
SBT	2	3400	392	0.12	148	0.04
SBR	D	1700	602	0.35	111	0.07
EBL	2	3400	185	0.05	449	0.13*
EBT	3	5100	1104	0.24*	1161	0.26
EBR	0		110		145	
WBL	1	1700	141	0.08*	158	0.09
WBT	3	5100	1018	0.20	2052	0.40*
WBR	1	1700	199	0.12	529	0.31
Adjustment			Multi	0.06		
Overlaps				Clearance		0.05
Total ICU				0.74		0.75

264 - W. Yale Lp. @ Barranca Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	124	0.07	95	0.06
NBT	2	3400	136	0.04*	194	0.06*
NBR	D	1700	88	0.05	66	0.04
SBL	1	1700	229	0.13*	78	0.05*
SBT	2	3400	278	0.08	118	0.03
SBR	D	1700	303	0.18	74	0.04
EBL	2	3400	73	0.02	147	0.04*
EBT	2	3400	1013	0.30*	1128	0.33
EBR	D	1700	65	0.04	67	0.04
WBL	1	1700	61	0.04*	54	0.03
WBT	2	3400	789	0.25	1113	0.37*
WBR	0		74		161	
Adjustment			SBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.57		0.57

267 - E. Yale Lp. @ Barranca Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	68	0.04	99	0.06
NBT	2	3400	129	0.04*	229	0.07*
NBR	D	1700	202	0.12	151	0.09
SBL	1	1700	356	0.21*	150	0.09*
SBT	2	3400	384	0.11	159	0.05
SBR	D	1700	150	0.09	87	0.05
EBL	1	1700	88	0.05*	154	0.09*
EBT	2	3400	654	0.19	923	0.27
EBR	D	1700	79	0.05	111	0.07
WBL	1	1700	183	0.11	90	0.05
WBT	2	3400	897	0.26*	980	0.29*
WBR	D	1700	232	0.14	340	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.59

268 - W. Yale Loop @ Alton Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	200	0.12*	92	0.05*
NBT	2	3400	233	0.07	141	0.04
NBR	D	1700	306	0.18	188	0.11
SBL	1	1700	46	0.03	40	0.02
SBT	2	3400	172	0.05*	153	0.05*
SBR	D	1700	146	0.09	104	0.06
EBL	1	1700	69	0.04*	48	0.03
EBT	2	3400	688	0.20	1293	0.38*
EBR	D	1700	74	0.04	184	0.11
WBL	1	1700	70	0.04	230	0.14*
WBT	2	3400	986	0.29*	1069	0.31
WBR	D	1700	76	0.04	64	0.04
Adjustment			SBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.56		0.67

271 - E. Yale Lp. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	166	0.10*	100	0.06*
NBT	2	3400	301	0.09	140	0.04
NBR	D	1700	556	0.33	216	0.13
SBL	2	3400	185	0.05	148	0.04
SBT	2	3400	217	0.06*	143	0.04*
SBR	D	1700	143	0.08	96	0.06
EBL	1	1700	110	0.06	169	0.10
EBT	2	3400	764	0.28*	1115	0.37*
EBR	0		202		150	
WBL	2	3400	282	0.08*	389	0.11*
WBT	2	3400	978	0.29	1090	0.32
WBR	D	1700	140	0.08	114	0.07
Adjustment			NBR	0.16		
Overlaps					Clearance	0.05
Total ICU				0.73		0.63

282 - Jeffrey Rd. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	502	0.15*	784	0.23*
NBT	2	3400	0		0	
NBR	1	1700	100	0.06	133	0.08
SBL	2	3400	0		0	
SBT	3	5100	0	*	0	*
SBR	0		0		0	
EBL	2	3400	0		0	*
EBT	3	5100	835	0.16*	601	0.12
EBR	1	1700	784	0.46	265	0.16
WBL	2	3400	153	0.05*	105	0.03
WBT	3	5100	824	0.16	1407	0.28*
WBR	D	1700	0		0	
Adjustment			EBR	0.15		
Overlaps		E			Clearance	0.05
Total ICU				0.56		0.56

283 - Jeffrey Rd. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	139	0.04*	398	0.12
NBT	3	5100	408	0.08	923	0.18*
NBR	F		226		406	
SBL	2	3400	168	0.05	84	0.02*
SBT	3	5100	775	0.15*	336	0.07
SBR	1	1700	138	0.08	89	0.05
EBL	2	3400	63	0.02	159	0.05*
EBT	3	5100	688	0.13*	804	0.16
EBR	D	1700	217	0.13	176	0.10
WBL	2	3400	467	0.14*	253	0.07
WBT	3	5100	832	0.16	1436	0.28*
WBR	D	1700	120	0.07	183	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.58

284 - Jeffrey Rd. @ Bryan Av.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	86	0.03*	507	0.15
NBT	3	5100	601	0.12	1485	0.29*
NBR	D	1700	88	0.05	339	0.20
SBL	2	3400	30	0.01	44	0.01*
SBT	3	5100	1280	0.25*	644	0.13
SBR	1	1700	137	0.08	124	0.07
EBL	1	1700	116	0.07	130	0.08*
EBT	0.5	850	93	0.08*	193	0.11
EBR	1.5	2550	195	0.08	145	0.09
WBL	2	3400	355	0.10*	153	0.05
WBT	1	1700	154	0.09	173	0.10*
WBR	D	1700	81	0.05	54	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.53

285 - Jeffrey Rd. @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	71	0.02*	216	0.06
NBT	3	5100	631	0.12	2007	0.39*
NBR	1	1700	135	0.08	263	0.15
SBL	2	3400	270	0.08	77	0.02*
SBT	4	6800	1560	0.23*	819	0.12
SBR	1	1700	186	0.11	111	0.07
EBL	2	3400	85	0.03	231	0.07*
EBT	2	3400	211	0.06*	296	0.09
EBR	1	1700	158	0.09	127	0.07
WBL	2	3400	251	0.07*	197	0.06
WBT	2	3400	295	0.09	306	0.09*
WBR	1	1700	82	0.05	145	0.09
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.44		0.62

286 - Jeffrey Rd. @ Roosevelt
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	204	0.06*	501	0.15
NBT	4	6800	519	0.08	2218	0.33*
NBR	1	1700	205	0.12	547	0.32
SBL	1	1700	65	0.04	83	0.05*
SBT	3	5100	1799	0.35*	897	0.18
SBR	D	1700	63	0.04	142	0.08
EBL	1	1700	38	0.02	178	0.10
EBT	0.5	850	94	0.13*	165	0.17*
EBR	1.5	2550	337	0.13	419	0.17
WBL	2	3400	857	0.25*	276	0.08*
WBT	1	1700	182	0.11	134	0.08
WBR	1	1700	310	0.18	129	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.84		0.68

287 - Jeffrey Rd. @ I-5 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	622	0.12	2250	0.44*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2203	0.43*	1207	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	829	0.24*	672	0.29*
WBT	0		0		0	
WBR	1.5	1700	358	0.21	831	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.78

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	98	0.03*	220	0.06
NBT	3	5100	622	0.12	1520	0.30*
NBR	1	1700	324	0.19	453	0.27
SBL	2	3400	836	0.25	524	0.15*
SBT	3	5100	2048	0.45*	1105	0.32
SBR	0		266		534	
EBL	2	3400	91	0.03	269	0.08
EBT	1.5	3400	511	0.15*	417	0.12*
EBR	1.5	1700	191	0.11	151	0.09
WBL	2	3400	351	0.10*	634	0.19*
WBT	1	1700	36	0.02	201	0.12
WBR	2	3400	152	0.04	960	0.28
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.81

289 - Jeffrey Rd. @ ICD
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	193	0.06*	354	0.10*
NBT	4	6800	608	0.09	1387	0.20
NBR	1	1700	168	0.10	159	0.09
SBL	3	5100	177	0.03	109	0.02
SBT	4	6800	1736	0.32*	964	0.19*
SBR	0		423		470	0.28
EBL	2	3400	241	0.07	360	0.11*
EBT	3	5100	1206	0.24*	775	0.15
EBR	F		320		260	
WBL	2	3400	183	0.05*	119	0.04
WBT	4	6800	762	0.11	1781	0.26*
WBR	1	1700	152	0.09	283	0.17
Adjustment					SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.72		0.72

290 - Jeffrey Rd. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	179	0.05*	218	0.06*
NBT	3	5100	989	0.25	1364	0.31
NBR	0		275		198	
SBL	2	3400	98	0.03	119	0.04
SBT	3	5100	1709	0.40*	1201	0.29*
SBR	0		323		257	
EBL	2	3400	270	0.08*	378	0.11*
EBT	2	3400	726	0.21	615	0.18
EBR	D	1700	247	0.15	207	0.12
WBL	2	3400	176	0.05	473	0.14
WBT	2	3400	787	0.23*	964	0.28*
WBR	1	1700	72	0.04	174	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.79

291 - Jeffrey Rd. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	448	0.13*	476	0.14*
NBT	3	5100	1041	0.20	1349	0.26
NBR	1	1700	269	0.16	333	0.20
SBL	2	3400	156	0.05	264	0.08
SBT	3	5100	1889	0.37*	1344	0.26*
SBR	D	1700	129	0.08	234	0.14
EBL	2	3400	224	0.07*	243	0.07*
EBT	2	3400	737	0.22	868	0.26
EBR	D	1700	585	0.34	379	0.22
WBL	3	5100	413	0.08	433	0.08
WBT	2	3400	853	0.25*	991	0.29*
WBR	D	1700	96	0.06	132	0.08
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.87		0.81

293 - Jeffrey Rd. @ I-405 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1071	0.21	1736	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1725	0.34*	1450	0.28
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1416	0.42*	973	0.29*
WBT	0		0		0	
WBR	1	1700	156	0.09	414	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.68

294 - University Dr. @ I-405 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1274	0.25	1630	0.32
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2748	0.54*	2167	0.42*
SBR	F		0		0	
EBL	2	3400	211	0.06*	261	0.08*
EBT	0		0		0	
EBR	1	1700	130	0.08	107	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.67		0.55

300 - Sand Canyon Av. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	216	0.06*	775	0.23*
NBT	1	1700	3	0.00	1	0.00
NBR	1	1700	177	0.10	467	0.27
SBL	0		2		3	
SBT	1	1700	2	0.00*	1	0.01*
SBR	0		2		5	
EBL	1	1700	6	0.00	1	0.00
EBT	2	3400	415	0.12*	404	0.12*
EBR	F		443		216	
WBL	2	3400	501	0.15*	172	0.05*
WBT	2	3400	574	0.17	535	0.16
WBR	0		7		1	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.46

301 - Sand Canyon Av. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	118	0.03	191	0.06
NBT	3	5100	294	0.06*	789	0.15*
NBR	2	3400	405	0.12	382	0.11
SBL	2	3400	347	0.10*	215	0.06*
SBT	3	5100	621	0.12	370	0.07
SBR	D	1700	150	0.09	110	0.06
EBL	2	3400	78	0.02	241	0.07*
EBT	4	6800	930	0.14*	963	0.14
EBR	1	1700	145	0.09	95	0.06
WBL	2	3400	577	0.17*	390	0.11
WBT	3	5100	1011	0.20	1263	0.25*
WBR	1	1700	221	0.13	396	0.23
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.58

302 - Sand Canyon Av. @ Trabuco Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	90	0.03
NBT	3	5100	489	0.10	1554	0.30*
NBR	F		399		595	
SBL	2	3400	239	0.07	231	0.07*
SBT	3	5100	1241	0.24*	661	0.13
SBR	1	1700	225	0.13	152	0.09
EBL	2	3400	147	0.04	132	0.04
EBT	3	5100	359	0.07*	328	0.06*
EBR	F		69		48	
WBL	2	3400	644	0.19*	264	0.08*
WBT	3	5100	508	0.10	422	0.08
WBR	D	1700	217	0.13	241	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.56

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	314	0.09	376	0.11
NBT	4	6800	536	0.08*	1315	0.19*
NBR	1	1700	515	0.30	653	0.38
SBL	2	3400	633	0.19*	519	0.15*
SBT	4	6800	1073	0.16	414	0.06
SBR	1	1700	97	0.06	75	0.04
EBL	2	3400	180	0.05	609	0.18
EBT	2	3400	345	0.10*	605	0.18*
EBR	1	1700	293	0.17	241	0.14
WBL	2	3400	1300	0.38*	660	0.19*
WBT	2	3400	468	0.14	477	0.14
WBR	1	1700	200	0.12	416	0.24
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.80		0.76

304 - Sand Canyon Av. @ Old Marine Wy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1487	0.22	2699	0.40*
NBR	D	1700	181	0.11	595	0.35
SBL	0		197		356	*
SBT	4	6800	2430	0.39*	1081	0.21
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		245		281	
WBT	0		0	*	0	*
WBR	1	1700	321	0.33	213	0.29
Adjustment			WBR	0.20	WBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.64		0.74

305 - Sand Canyon Av. @ I-5 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	810	0.12*	1747	0.26*
NBR	1	1700	78	0.05	324	0.19
SBL	2	3400	716	0.21*	498	0.15*
SBT	4	6800	1873	0.28	851	0.13
SBR	0		0		0	
EBL	2.5	3400	885	0.26*	1536	0.30*
EBT	0		0		0	
EBR	1.5	3400	1220	0.36	414	0.24
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.70		0.76

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	72	0.04
NBT	3	5100	471	0.09	1213	0.24*
NBR	1	1700	98	0.06	21	0.01
SBL	2	3400	726	0.21	82	0.02*
SBT	3	5100	2055	0.40*	682	0.13
SBR	D	1700	481	0.28	103	0.06
EBL	2	3400	53	0.02*	362	0.11*
EBT	1	1700	24	0.01	53	0.03
EBR	D	1700	35	0.02	61	0.04
WBL	2	3400	32	0.01	162	0.05
WBT	1	1700	59	0.03*	35	0.02*
WBR	F		91		645	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.44

307 - Sand Canyon Av. @ ICD
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04*	195	0.06
NBT	3	5100	460	0.09	706	0.14*
NBR	1	1700	113	0.07	46	0.03
SBL	2	3400	415	0.12	173	0.05*
SBT	3	5100	1401	0.27*	615	0.12
SBR	1	1700	413	0.24	232	0.14
EBL	2	3400	198	0.06	238	0.07*
EBT	3	5100	862	0.17*	651	0.13
EBR	1	1700	92	0.05	126	0.07
WBL	2	3400	80	0.02*	189	0.06
WBT	3	5100	614	0.12	1251	0.25*
WBR	1	1700	135	0.08	236	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.56

309 - Sand Canyon Av. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	132	0.04*	205	0.06*
NBT	3	5100	906	0.18	667	0.13
NBR	D	1700	111	0.07	133	0.08
SBL	2	3400	37	0.01	66	0.02
SBT	3	5100	1003	0.20*	932	0.18*
SBR	D	1700	134	0.08	273	0.16
EBL	2	3400	156	0.05*	89	0.03*
EBT	2	3400	525	0.15	533	0.16
EBR	1	1700	171	0.10	120	0.07
WBL	2	3400	216	0.06	188	0.06
WBT	2	3400	667	0.20*	863	0.25*
WBR	1	1700	99	0.06	55	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.57

310 - Sand Canyon Av. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	173	0.05	317	0.09*
NBT	3	5100	886	0.17*	444	0.09
NBR	2	3400	711	0.21	203	0.06
SBL	2	3400	277	0.08*	105	0.03
SBT	3	5100	841	0.16	994	0.19*
SBR	1	1700	103	0.06	196	0.12
EBL	2	3400	139	0.04*	101	0.03
EBT	3	5100	849	0.17	782	0.15*
EBR	1	1700	237	0.14	251	0.15
WBL	2	3400	443	0.13	718	0.21*
WBT	2	3400	971	0.29*	1088	0.32
WBR	1	1700	143	0.08	230	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.69

311 - Sand Canyon Av. @ I-405 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1641	0.48*	687	0.20
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	504	0.15	846	0.25*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	58	0.03*	123	0.07*
WBT	0		0		0	
WBR	F		207		336	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.37

312 - Sand Canyon Av. @ I-405 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	*
NBT	2	3400	1148	0.34*	595	0.18
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	276	0.08	610	0.18*
SBR	F		0		0	
EBL	1.5	2550	1305	0.50*	397	0.23*
EBT	0		0		0	
EBR	0.5	850	381	0.50	374	0.23
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.89		0.46

313 - Laguna Canyon Rd. @ ICD
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	47	0.01	138	0.04*
NBT	2	3400	186	0.05*	85	0.03
NBR	D	1700	15	0.01	39	0.02
SBL	2	3400	44	0.01*	181	0.05
SBT	2	3400	78	0.02	135	0.04*
SBR	D	1700	28	0.02	212	0.12
EBL	2	3400	246	0.07*	32	0.01*
EBT	3	5100	803	0.16	840	0.16
EBR	D	1700	130	0.08	129	0.08
WBL	2	3400	55	0.02	13	0.00
WBT	3	5100	891	0.17*	1193	0.23*
WBR	D	1700	163	0.10	66	0.04
Adjustment					SBR	0.07
Overlaps					Clearance	0.05
Total ICU				0.35		0.44

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	68	0.02*	95	0.03*
NBT	2	3400	147	0.04	80	0.02
NBR	D	1700	23	0.01	179	0.11
SBL	2	3400	54	0.02	94	0.03
SBT	2	3400	150	0.04*	182	0.05*
SBR	D	1700	60	0.04	212	0.12
EBL	2	3400	63	0.02*	34	0.01*
EBT	2	3400	518	0.15	612	0.18
EBR	1	1700	82	0.05	86	0.05
WBL	2	3400	129	0.04	68	0.02
WBT	2	3400	848	0.25*	765	0.23*
WBR	D	1700	75	0.04	63	0.04
Adjustment					Multi	0.07
Overlaps					Clearance	0.05
Total ICU				0.38		0.44

315 - Laguna Canyon Rd. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	326	0.19*	227	0.13*
NBT	2	3400	221	0.07	138	0.04
NBR	D	1700	81	0.05	108	0.06
SBL	1	1700	16	0.01	102	0.06
SBT	2	3400	113	0.03*	253	0.07*
SBR	D	1700	32	0.02	104	0.06
EBL	2	3400	115	0.03*	19	0.01*
EBT	2	3400	753	0.22	850	0.25
EBR	1	1700	254	0.15	212	0.12
WBL	2	3400	158	0.05	100	0.03
WBT	2	3400	1314	0.39*	1023	0.30*
WBR	1	1700	42	0.02	29	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.56

316 - SR-133 SB Ramps @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	117	0.07*	280	0.16*
SBT	0		0		0	
SBR	2	3400	141	0.04	199	0.06
EBL	0		0		0	*
EBT	4	6800	1536	0.23*	1580	0.23
EBR	D	1700	254	0.15	101	0.06
WBL	2	3400	481	0.14*	194	0.06
WBT	3	5100	1519	0.30	2075	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.62

317 - SR-133 NB Ramps @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	212	0.12*	389	0.23*
NBT	0		0		0	
NBR	1	1700	4	0.00	277	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1643	0.32	1821	0.36
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1838	0.38*	1907	0.40*
WBR	0		109		155	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.68

318 - Banting @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01*	24	0.01
NBT	1	1700	17	0.01	109	0.06*
NBR	1	1700	12	0.01	109	0.06
SBL	2	3400	709	0.21	153	0.05*
SBT	2	1700	534	0.31*	156	0.09
SBR	0	1700	761	0.45	144	
EBL	1	1700	58	0.03*	218	0.13*
EBT	2	3400	443	0.13	838	0.25
EBR	D	1700	17	0.01	24	0.01
WBL	1	1700	22	0.01	17	0.01
WBT	2	3400	699	0.21*	622	0.18*
WBR	F		108		826	
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.73		0.47

319 - Banting @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	13	0.01
NBT	1	1700	5	0.00	45	0.03*
NBR	1	1700	12	0.01	63	0.04
SBL	2	3400	119	0.04	128	0.04*
SBT	1	1700	64	0.04*	5	0.00
SBR	1	1700	331	0.19	40	0.02
EBL	2	3400	28	0.01*	40	0.01
EBT	2	3400	652	0.19	1140	0.34*
EBR	D	1700	35	0.02	5	0.00
WBL	1	1700	48	0.03	8	0.00*
WBT	2	3400	1405	0.41*	1029	0.30
WBR	D	1700	75	0.04	105	0.06
Adjustment			SBR	0.14	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.65		0.47

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1050	0.31*	277	0.08*
NBT	3	5100	2328	0.46	2528	0.50
NBR	1	1700	8	0.00	17	0.01
SBL	2	3400	56	0.02	103	0.03
SBT	3	5100	1798	0.35*	2355	0.46*
SBR	1	1700	633	0.37	409	0.24
EBL	3	5100	291	0.06*	422	0.08*
EBT	1	1700	58	0.03	64	0.04
EBR	F		165		697	
WBL	1	1700	10	0.01	10	0.01
WBT	2	3400	163	0.05*	29	0.01*
WBR	D	1700	94	0.06	76	0.04
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.82		0.68

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	805	0.24*	925	0.27
NBR	1	1700	99	0.06	38	0.02
SBL	1	1700	141	0.08*	275	0.16
SBT	3	5100	1473	0.29	2309	0.45*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	102	0.06*	22	0.01*
WBT	0		0		0	
WBR	1.5	3400	1679	0.49	1004	0.30
Adjustment			WBR	0.37	WBR	0.15
Overlaps					Clearance	0.05
Total ICU				0.80		0.66

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	822	0.24*	761	0.22
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	810	0.24	804	0.24*
SBR	F		0		0	
EBL	0.5	1700	128	0.08*	195	0.11*
EBT	0		0		0	
EBR	1.5	1700	51	0.03	81	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.40

324 - Portola Pkwy. @ SR-241 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		16		35	
NBT	1	1700	0	0.01*	0	0.02*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1	1700	0		0	
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	329	0.10*	162	0.05*
WBT	0		0		0	
WBR	0.5	0	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.16		0.12

325 - Portola Pkwy. @ SR-241 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	9	0.01	20	0.01
NBR	1	1700	100	0.06	323	0.19
SBL	1	1700	3	0.00	1	0.00
SBT	2	3400	328	0.10*	170	0.05*
SBR	0		0		0	
EBL	0.5	850	13	0.01	16	0.01*
EBT	0		2	0.02*	1	
EBR	1.5	2550	40	0.02	11	0.01
WBL	0		0	*	0	
WBT	0		0		0	*
WBR	0		0		0	

Adjustment NBR 0.13
Overlaps Clearance 0.05

Total ICU 0.17 0.24

326 - Ada @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02*	61	0.04*
NBT	2	3400	73	0.02	73	0.02
NBR	D	1700	57	0.03	142	0.08
SBL	2	3400	61	0.02	98	0.03
SBT	1	1700	85	0.05*	126	0.07*
SBR	1	1700	18	0.01	61	0.04
EBL	1	1700	15	0.01*	44	0.03
EBT	2	3400	524	0.15	1120	0.33*
EBR	D	1700	148	0.09	57	0.03
WBL	1	1700	136	0.08	75	0.04*
WBT	2	3400	1103	0.32*	718	0.21
WBR	1	1700	42	0.02	37	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.53

327 - Barranca Pkwy. @ Technology
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	398	0.12*	56	0.02
NBT	2	3400	884	0.26	721	0.21*
NBR	1	1700	325	0.19	497	0.29
SBL	1	1700	97	0.06	181	0.11*
SBT	2	3400	724	0.21*	809	0.24
SBR	1	1700	176	0.10	41	0.02
EBL	2	3400	35	0.01*	207	0.06
EBT	2	3400	67	0.02	258	0.08*
EBR	D	1700	39	0.02	410	0.24
WBL	2	3400	167	0.05	439	0.13*
WBT	2	3400	324	0.10*	90	0.03
WBR	D	1700	101	0.06	99	0.06

Adjustment EBR 0.10
Overlaps Clearance 0.05

Total ICU 0.49 0.68

328 - Barranca Pkwy. @ I-5 HOV Ramp
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	31	0.02	82	0.05
NBT	2	3400	1468	0.43*	1207	0.36*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	934	0.18	1504	0.29
SBR	D	1700	14	0.01	136	0.08
EBL	1	1700	128	0.08*	87	0.05*
EBT	0		0		0	
EBR	1	1700	151	0.09	21	0.01
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.56 0.46

329 - Barranca Pkwy. @ ICD
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	147	0.04	29	0.01*
NBT	2	3400	830	0.24*	708	0.21
NBR	1	1700	117	0.07	163	0.10
SBL	2	3400	129	0.04*	237	0.07
SBT	2	3400	630	0.19	986	0.29*
SBR	1	1700	374	0.22	344	0.20
EBL	2	3400	203	0.06*	398	0.12
EBT	3	5100	499	0.10	1103	0.22*
EBR	1	1700	68	0.04	243	0.14
WBL	2	3400	219	0.06	264	0.08*
WBT	3	5100	1340	0.26*	852	0.17
WBR	1	1700	390	0.23	251	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.65

330 - Barranca Pkwy. @ Pacifica
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	183	0.11*	46	0.03*
NBT	2	3400	692	0.20	585	0.17
NBR	1	1700	381	0.22	490	0.29
SBL	1	1700	47	0.03	131	0.08
SBT	2	3400	646	0.19*	1236	0.36*
SBR	D	1700	199	0.12	16	0.01
EBL	2	3400	8	0.00*	99	0.03
EBT	2	1700	14	0.01	116	0.07*
EBR	0	1700	22	0.01	297	0.17
WBL	2	3400	198	0.06	258	0.08*
WBT	1	1700	195	0.11*	28	0.02
WBR	1	1700	395	0.23	174	0.10

Adjustment WBR 0.04 EBR 0.08
Overlaps Clearance 0.05

Total ICU 0.50 0.67

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	130	0.04*	431	0.13*
NBT	2	3400	201	0.06	185	0.05
NBR	D	1700	14	0.01	24	0.01
SBL	2	3400	119	0.04	57	0.02
SBT	2	3400	240	0.07*	125	0.04*
SBR	D	1700	46	0.03	441	0.26
EBL	1	1700	490	0.29*	158	0.09*
EBT	2	3400	369	0.11	70	0.02
EBR	1	1700	317	0.19	99	0.06
WBL	1	1700	15	0.01	10	0.01
WBT	1	1700	60	0.04*	194	0.11*
WBR	1	1700	58	0.03	129	0.08
Adjustment					SBR	0.15
Overlaps					Clearance	0.05
Total ICU				0.49		0.57

335 - Alton Pkwy. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	29	0.02	127	0.07
NBT	2	3400	29	0.01*	162	0.05*
NBR	F		350		686	
SBL	1	1700	170	0.10*	101	0.06*
SBT	2	3400	156	0.05	50	0.01
SBR	D	1700	2	0.00	3	0.00
EBL	2	3400	2	0.00	0	
EBT	2	3400	277	0.08*	131	0.04*
EBR	F		163		63	
WBL	2	3400	770	0.23*	285	0.08*
WBT	3	5100	119	0.02	192	0.04
WBR	F		92		149	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.28

336 - Alton Pkwy. @ SR-241 Ramps
Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	183	0.11*	326	0.19*
NBT	3	5100	459	0.09	986	0.19
NBR	F		136		340	
SBL	1	1700	90	0.05	53	0.03
SBT	3	5100	892	0.17*	498	0.10*
SBR	F		286		192	
EBL	2	3400	160	0.05	212	0.06*
EBT	0		0	*	0	
EBR	F		492		151	
WBL	2	3400	422	0.12*	80	0.02
WBT	0		0		0	*
WBR	F		80		86	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.45		0.40

338 - Alton Pkwy. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	383	0.11
NBT	3	5100	578	0.11	1432	0.28*
NBR	F		32		77	
SBL	2	3400	245	0.07	109	0.03*
SBT	3	5100	1631	0.32*	619	0.12
SBR	F		311		850	
EBL	2.5	4250	521	0.12*	350	0.09*
EBT	2.5	4250	494	0.12	379	0.09
EBR	1	1700	379	0.22	83	0.05
WBL	2	3400	120	0.04	63	0.02
WBT	3	5100	340	0.07*	574	0.11*
WBR	1	1700	54	0.03	197	0.12
Adjustment			EBR	0.04		
Overlaps		E			Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.63		0.56

339 - Alton Pkwy. @ Toledo Wy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	58	0.03*	62	0.04
NBT	3	5100	620	0.12	1527	0.30*
NBR	F		92		191	
SBL	1	1700	111	0.07	62	0.04*
SBT	3	5100	1623	0.32*	708	0.14
SBR	0		10		11	
EBL	1	1700	21	0.01	6	0.00
EBT	1	1700	89	0.09*	48	0.06*
EBR	0		72		48	
WBL	1	1700	135	0.08*	68	0.04*
WBT	1	1700	60	0.04	50	0.03
WBR	1	1700	125	0.07	104	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	18	0.01
NBT	3	5100	996	0.20	1444	0.28*
NBR	F		283		364	
SBL	2	3400	170	0.05	83	0.02*
SBT	3	5100	1512	0.30*	1002	0.20
SBR	0		26		6	
EBL	1	1700	3	0.00	25	0.01
EBT	1	1700	7	0.00*	32	0.02*
EBR	F		13		63	
WBL	2	3400	378	0.11*	299	0.09*
WBT	1	1700	40	0.02	7	0.00
WBR	1	1700	101	0.06	143	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01*	10	0.01
NBT	3	5100	777	0.15	984	0.19*
NBR	1	1700	239	0.14	360	0.21
SBL	2	3400	127	0.04	98	0.03*
SBT	3	5100	1040	0.20*	719	0.14
SBR	F		1011		618	
EBL	2	3400	554	0.16*	688	0.20*
EBT	2	3400	249	0.08	470	0.14
EBR	0		12		5	
WBL	2	3400	189	0.06	132	0.04
WBT	2	3400	319	0.11*	289	0.12*
WBR	0		52		123	

Adjustment — Overlaps: N — Clearance: 0.05

Total ICU: 0.53 / 0.59

342 - Technology Dr. E. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	18	0.01*	34	0.02*
NBT	1	1700	6	0.00	2	0.00
NBR	1	1700	82	0.05	366	0.22
SBL	1	1700	5	0.00	27	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		5		29	
EBL	1	1700	39	0.02	4	0.00
EBT	3	5100	1242	0.24*	1260	0.25*
EBR	D	1700	21	0.01	15	0.01
WBL	1	1700	283	0.17*	49	0.03*
WBT	3	5100	1315	0.26	1331	0.26
WBR	D	1700	27	0.02	2	0.00

Adjustment — NBR: 0.18

Overlaps — Clearance: 0.05

Total ICU: 0.47 / 0.55

343 - Alton Pkwy. @ Ada
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	225	0.07*	138	0.04*
NBT	3	5100	1200	0.24	1141	0.22
NBR	D	1700	5	0.00	7	0.00
SBL	1	1700	9	0.01	18	0.01
SBT	3	5100	1181	0.23*	1315	0.26*
SBR	D	1700	129	0.08	101	0.06
EBL	1	1700	60	0.04*	122	0.07*
EBT	1	1700	45	0.03	18	0.01
EBR	1	1700	197	0.12	227	0.13
WBL	1	1700	6	0.00	15	0.01
WBT	1	1700	13	0.02*	26	0.02*
WBR	0		17		6	

Adjustment — EBR: 0.01 — EBR: 0.02

Overlaps — Clearance: 0.05

Total ICU: 0.42 / 0.46

344 - Alton Pkwy. @ Technology Dr. W.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	706	0.21*	667	0.20*
NBT	3	5100	1194	0.23	812	0.16
NBR	1	1700	605	0.36	222	0.13
SBL	1	1700	34	0.02	44	0.03
SBT	4	6800	1123	0.17*	1156	0.17*
SBR	1	1700	236	0.14	368	0.22
EBL	1	1700	193	0.11*	436	0.26*
EBT	2	3400	132	0.04	201	0.06
EBR	2	3400	376	0.11	1111	0.33
WBL	2	3400	290	0.09	573	0.17
WBT	2	3400	212	0.06*	264	0.08*
WBR	D	1700	32	0.02	18	0.01

Adjustment — Overlaps: E — Clearance: 0.05

Total ICU: 0.60 / 0.76

345 - Alton Pkwy. @ I-5 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2133	0.42*	1509	0.30
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1437	0.28	1607	0.32*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	826	0.24*	142	0.04*
WBT	0		0		0	
WBR	0.5	850	404	0.24	200	0.12

Adjustment — WBR: 0.06

Overlaps — Clearance: 0.05

Total ICU: 0.71 / 0.47

346 - Alton Pkwy. @ Enterprise Dr.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1152	0.23	1480	0.29*
NBR	1	1700	58	0.03	233	0.14
SBL	1	1700	237	0.14	495	0.29*
SBT	3	5100	2104	0.41*	1291	0.25
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	206	0.06*	133	0.04*
WBT	0		0		0	
WBR	2	3400	1214	0.36	753	0.22

Adjustment — WBR: 0.13

Overlaps — W — Clearance: 0.05

Total ICU: 0.65 / 0.67

348 - Alton Pkwy. @ ICD

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	33	0.01
NBT	3	5100	452	0.09	665	0.13*
NBR	1	1700	108	0.06	198	0.12
SBL	2	3400	306	0.09	376	0.11*
SBT	3	5100	908	0.18*	679	0.13
SBR	1	1700	269	0.16	124	0.07
EBL	2	3400	97	0.03	276	0.08
EBT	3	5100	637	0.12*	1061	0.21*
EBR	1	1700	21	0.01	55	0.03
WBL	2	3400	312	0.09*	333	0.10*
WBT	3	5100	869	0.17	978	0.19
WBR	1	1700	534	0.31	519	0.31
Adjustment			WBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.51		0.60

350 - Alton Pkwy. @ Pacifica

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	45	0.01*	186	0.05*
NBT	3	5100	536	0.11	911	0.18
NBR	D	1700	252	0.15	226	0.13
SBL	2	3400	26	0.01	53	0.02
SBT	2	3400	1242	0.37*	946	0.28*
SBR	1	1700	158	0.09	95	0.06
EBL	2	3400	122	0.04	85	0.03
EBT	2	3400	343	0.10*	138	0.04*
EBR	D	1700	121	0.07	41	0.02
WBL	1	1700	153	0.09*	186	0.11*
WBT	2	3400	181	0.05	376	0.11
WBR	D	1700	41	0.02	43	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.53

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	27	0.01*	112	0.03*
NBT	2	1700	5	0.00	84	0.04
NBR	0	1700	14	0.01	35	
SBL	2	3400	163	0.05	310	0.09
SBT	1	1700	548	0.32*	344	0.20*
SBR	F		1332		528	
EBL	1	1700	110	0.06*	464	0.27*
EBT	2	3400	94	0.03	179	0.05
EBR	1	1700	83	0.05	75	0.04
WBL	1	1700	10	0.01	37	0.02
WBT	2	3400	61	0.02*	247	0.07*
WBR	1	1700	8	0.00	94	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.62

356 - Pacifica @ ICD

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	73	0.02
NBT	2	3400	16	0.00	68	0.02*
NBR	D	1700	241	0.14	604	0.36
SBL	2	3400	80	0.02	307	0.09*
SBT	2	3400	249	0.07*	64	0.02
SBR	1	1700	50	0.03	102	0.06
EBL	2	3400	36	0.01*	77	0.02
EBT	3	5100	887	0.17	1533	0.30*
EBR	D	1700	104	0.06	35	0.02
WBL	2	3400	314	0.09	237	0.07*
WBT	3	5100	1749	0.34*	1551	0.30
WBR	1	1700	148	0.09	139	0.08
Adjustment					NBR	0.29
Overlaps					Clearance	0.05
Total ICU				0.48		0.82

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	276	0.16	262	0.11*
NBT	0.5	1700	387	0.23*	117	0.11
NBR	F		33		147	
SBL	1	1700	13	0.01*	36	0.02
SBT	1	1700	19	0.01	138	0.08*
SBR	1	1700	35	0.02	202	0.12
EBL	1	1700	195	0.11*	231	0.14*
EBT	1	1700	63	0.04	256	0.15
EBR	F		296		646	
WBL	1	1700	18	0.01	106	0.06
WBT	2	1700	26	0.02*	262	0.08*
WBR	0	1700	35	0.02	24	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.46

358 - ICD @ Entertainment Wy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2012	0.39*	1645	0.32
NBR	F		441		1112	
SBL	1	1700	14	0.01*	61	0.04
SBT	3	5100	967	0.19	1945	0.38*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	53	0.02*	392	0.12*
WBT	0		0		0	
WBR	F		321		337	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.55

359 - ICD @ I-405 SB Ramps
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1594	0.23*	2265	0.33
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	826	0.16	1767	0.35*
SBR	F		0		0	
EBL	3	5100	866	0.17*	490	0.10*
EBT	0		0		0	
EBR	F		962		754	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.50

361 - Bake Pkwy. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	50	0.03*	149	0.09
NBT	1.5	2550	205	0.07	268	0.13*
NBR	1.5	2550	137	0.07	413	0.13
SBL	1	1700	126	0.07	226	0.13*
SBT	2	3400	390	0.11*	203	0.06
SBR	D	1700	299	0.18	141	0.08
EBL	2	3400	267	0.08*	269	0.08*
EBT	3	5100	397	0.08	802	0.16
EBR	D	1700	93	0.05	96	0.06
WBL	2	3400	547	0.16	294	0.09
WBT	2	3400	721	0.21*	573	0.17*
WBR	D	1700	92	0.05	44	0.03
Adjustment			SBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.49		0.56

362 - Bake Pkwy. @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	193	0.06	149	0.04
NBT	3	5100	1570	0.34*	1317	0.36*
NBR	0		149		539	
SBL	1	1700	101	0.06*	229	0.13*
SBT	3	5100	1026	0.20	1372	0.27
SBR	1	1700	115	0.07	158	0.09
EBL	2	3400	119	0.04	160	0.05
EBT	2.5	4250	250	0.06*	648	0.14*
EBR	1.5	2550	148	0.06	278	0.14
WBL	2	3400	629	0.19*	357	0.11*
WBT	4	6800	607	0.12	341	0.07
WBR	0		192		156	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.79

363 - Bake Pkwy. @ Toledo Wy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	347	0.20*	98	0.06*
NBT	3	5100	1884	0.37	1836	0.36
NBR	D	1700	60	0.04	490	0.29
SBL	1	1700	70	0.04	77	0.05
SBT	3	5100	1612	0.32*	1886	0.37*
SBR	D	1700	123	0.07	30	0.02
EBL	2	3400	36	0.01*	109	0.03
EBT	2	3400	40	0.01	284	0.08*
EBR	1	1700	62	0.04	242	0.14
WBL	2	3400	339	0.10	63	0.02*
WBT	2	3400	266	0.10*	47	0.03
WBR	0		83		79	0.05
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.68		0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	515	0.15	75	0.02
NBT	3	5100	2143	0.42*	2302	0.45*
NBR	D	1700	93	0.05	573	0.34
SBL	1	1700	75	0.04*	123	0.07*
SBT	4	6800	1865	0.29	1989	0.30
SBR	0		81		19	
EBL	2	3400	11	0.00	73	0.02
EBT	2	3400	72	0.02*	503	0.15*
EBR	1	1700	113	0.07	446	0.26
WBL	1	1700	422	0.25*	236	0.14*
WBT	3	5100	587	0.13	134	0.04
WBR	0		91		87	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.86

365 - Bake Pkwy. @ Muirlands Bl.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	300	0.09*	82	0.02
NBT	4	6800	2613	0.38	2783	0.41*
NBR	F		148		407	
SBL	2	3400	57	0.02	196	0.06*
SBT	4	6800	2354	0.35*	2504	0.37
SBR	F		113		39	
EBL	2	3400	14	0.00*	183	0.05
EBT	2	3400	94	0.03	710	0.21*
EBR	F		134		284	
WBL	2	3400	280	0.08	169	0.05*
WBT	2	3400	444	0.13*	157	0.05
WBR	F		85		101	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.78

366 - Bake Pkwy. @ Rockfield Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	233	0.07*	64	0.02
NBT	4	6800	2866	0.42	3345	0.49*
NBR	F		646		534	
SBL	2	3400	37	0.01	109	0.03*
SBT	4	6800	2966	0.44*	2740	0.40
SBR	1	1700	4	0.00	3	0.00
EBL	1	1700	1	0.00	9	0.01
EBT	2	3400	10	0.00*	44	0.01*
EBR	F		56		424	
WBL	2	3400	345	0.10*	697	0.21*
WBT	2	3400	39	0.01	30	0.01
WBR	F		60		85	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.79

367 - Bake Pkwy. @ I-5 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3313	0.49*	3163	0.47*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1026	0.20	1827	0.36
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	188	0.11*	96	0.06*
WBT	0		0		0	
WBR	3	5100	1073	0.21	639	0.13
Adjustment			WBR	0.10	WBR	0.07
Overlaps				Clearance		0.05
Total ICU				0.75		0.65

368 - Bake Pkwy. @ I-5 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	776	0.15	1383	0.27*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	779	0.15*	1095	0.21
SBR	F		0		0	
EBL	3	5100	2946	0.58*	2730	0.54*
EBT	0		0		0	
EBR	1	1700	609	0.36	88	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.86

371 - Bake Pkwy. @ Research Dr.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	20	0.01	3	0.00
NBT	3	5100	437	0.09*	398	0.08*
NBR	D	1700	24	0.01	10	0.01
SBL	2	3400	422	0.12*	234	0.07*
SBT	3	5100	449	0.09	605	0.12
SBR	1	1700	513	0.30	344	0.20
EBL	2	3400	130	0.04*	437	0.13*
EBT	2	3400	97	0.03	128	0.04
EBR	D	1700	17	0.01	20	0.01
WBL	1	1700	10	0.01	11	0.01
WBT	1	1700	96	0.06*	110	0.06*
WBR	1	1700	290	0.17	714	0.42
Adjustment			Multi	0.09	WBR	0.31
Overlaps				Clearance		0.05
Total ICU				0.45		0.70

372 - Bake Pkwy. @ ICD
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	158	0.05
NBT	3	5100	260	0.05*	147	0.03*
NBR	D	1700	82	0.05	43	0.03
SBL	2	3400	216	0.06*	364	0.11*
SBT	3	5100	191	0.04	243	0.05
SBR	D	1700	17	0.01	28	0.02
EBL	2	3400	20	0.01	17	0.01
EBT	3	5100	1106	0.22*	1283	0.25*
EBR	F		160		182	
WBL	2	3400	46	0.01*	126	0.04*
WBT	4	6800	899	0.13	1090	0.16
WBR	D	1700	213	0.13	252	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.48

373 - Lake Forest Dr. @ SR-241 NB Ramps
Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	152	0.04*	295	0.09
NBT	2	3400	653	0.19	957	0.28*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	596	0.18*	661	0.19
SBR	1	1700	102	0.06	170	0.10
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.33

374 - Lake Forest Dr. @ Portola Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	28	0.02	102	0.06
NBT	2	3400	152	0.04*	200	0.06*
NBR	D	1700	165	0.10	294	0.17
SBL	1	1700	185	0.11*	172	0.10*
SBT	2	3400	201	0.06	162	0.05
SBR	D	1700	4	0.00	22	0.01
EBL	2	3400	31	0.01*	17	0.01
EBT	3	5100	575	0.11	1324	0.26*
EBR	D	1700	66	0.04	77	0.05
WBL	2	3400	310	0.09	221	0.07*
WBT	3	5100	1288	0.25*	821	0.16
WBR	D	1700	300	0.18	158	0.09
Adjustment					NBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.46		0.60

375 - Lake Forest Dr. @ SR-241 SB Ramps

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	619	0.18	1075	0.32*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	648	0.19*	593	0.17
SBR	0		0		0	
EBL	2	3400	187	0.06*	160	0.05*
EBT	0		0		0	
EBR	1	1700	370	0.22	136	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR 0.16		
Overlaps					Clearance	0.05
Total ICU				0.46		0.42

376 - Lake Forest Dr. @ Trabuco Rd.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	194	0.06*	293	0.09
NBT	3	5100	765	0.15	1151	0.23*
NBR	1	1700	118	0.07	409	0.24
SBL	2	3400	220	0.06	368	0.11*
SBT	3	5100	1121	0.25*	1112	0.24
SBR	0		142		124	
EBL	2	3400	164	0.05	374	0.11
EBT	3	5100	545	0.11*	871	0.17*
EBR	1	1700	292	0.17	122	0.07
WBL	2	3400	458	0.13*	220	0.06*
WBT	3	5100	853	0.17	520	0.10
WBR	1	1700	378	0.22	303	0.18
Adjustment				EBR 0.01		
Overlaps					Clearance	0.05
Total ICU				0.61		0.62

377 - Lake Forest Dr. @ Toledo Wy.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	81	0.05*	92	0.05
NBT	3	5100	1077	0.21	1750	0.34*
NBR	D	1700	82	0.05	156	0.09
SBL	1	1700	42	0.02	39	0.02*
SBT	3	5100	1593	0.31*	1418	0.28
SBR	D	1700	68	0.04	21	0.01
EBL	1	1700	24	0.01	123	0.07
EBT	2	1700	86	0.05*	382	0.14*
EBR	0	1700	96	0.06	107	
WBL	1	1700	148	0.09*	58	0.03*
WBT	2	3400	307	0.11	85	0.03
WBR	0		61		28	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.58

378 - Lake Forest Dr. @ Jeronimo Rd.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	109	0.06*	114	0.07
NBT	3	5100	823	0.16	1582	0.31*
NBR	1	1700	152	0.09	280	0.16
SBL	1	1700	183	0.11	179	0.11*
SBT	3	5100	1312	0.26*	1104	0.22
SBR	1	1700	274	0.16	179	0.11
EBL	1	1700	87	0.05*	232	0.14
EBT	2	3400	196	0.09	665	0.22*
EBR	0		107		83	
WBL	1	1700	355	0.21	41	0.02*
WBT	2	3400	696	0.30*	191	0.07
WBR	0		333		52	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.71

379 - Lake Forest Dr. @ Muirlands Bl.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	64	0.02*	45	0.01
NBT	4	6800	868	0.15	1767	0.30*
NBR	0		154		302	
SBL	2	3400	165	0.05	188	0.06*
SBT	3	5100	1431	0.28*	1101	0.22
SBR	1	1700	180	0.11	69	0.04
EBL	2	3400	60	0.02*	321	0.09
EBT	2	3400	175	0.05	894	0.26*
EBR	1	1700	37	0.02	105	0.06
WBL	2	3400	323	0.10	175	0.05*
WBT	2	3400	619	0.18*	303	0.09
WBR	1	1700	190	0.11	144	0.08
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.55		0.72

380 - Lake Forest Dr. @ Rockfield Bl.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	493	0.14*	427	0.13
NBT	3	5100	902	0.18	1933	0.38*
NBR	1	1700	163	0.10	565	0.33
SBL	2	3400	118	0.03	180	0.05*
SBT	4	6800	1551	0.25*	1294	0.21
SBR	0		128		123	
EBL	2	3400	37	0.01	170	0.05
EBT	2	3400	140	0.04*	377	0.11*
EBR	2	3400	277	0.08	527	0.16
WBL	2	3400	437	0.13*	281	0.08*
WBT	2	3400	370	0.11	178	0.05
WBR	1	1700	120	0.07	102	0.06

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.61 — 0.67

381 - Lake Forest Dr. @ I-5 NB Ramps

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	921	0.18	2398	0.47*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1239	0.24*	1213	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	481	0.14*	213	0.06*
WBT	0		0		0	
WBR	2	3400	485	0.14	482	0.14

Adjustment — WBR 0.08
Overlaps — Clearance 0.05

Total ICU — 0.43 — 0.66

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	746	0.12	1424	0.23*
NBR	0		59		112	
SBL	2	3400	349	0.10	459	0.14*
SBT	3	5100	1349	0.26*	863	0.17
SBR	F		0		0	
EBL	3	5100	671	0.13	1776	0.35*
EBT	0.5	850	307	0.29*	488	0.29
EBR	1.5	2550	693	0.29	260	0.15
WBL	2	3400	168	0.05*	115	0.03*
WBT	0		0		0	
WBR	2	3400	155	0.05	317	0.09

Adjustment
Overlaps — W — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.65 — 0.80

385 - Lake Forest Dr. @ ICD

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00	26	0.01
NBT	3	5100	264	0.05*	536	0.11*
NBR	1	1700	114	0.07	384	0.23
SBL	2	3400	796	0.23*	822	0.24*
SBT	3	5100	663	0.13	300	0.06
SBR	F		129		97	
EBL	2	3400	66	0.02	242	0.07
EBT	3	5100	692	0.14*	1467	0.29*
EBR	D	1700	19	0.01	15	0.01
WBL	2	3400	491	0.14*	176	0.05*
WBT	3	5100	1123	0.22	736	0.14
WBR	1	1700	393	0.23	331	0.19

Adjustment — NBR 0.08
Overlaps — Clearance 0.05

Total ICU — 0.61 — 0.82

386 - Ridge Route Dr. @ Muirlands Bl.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	91	0.05*	114	0.07
NBT	2	3400	112	0.03	168	0.05*
NBR	D	1700	78	0.05	130	0.08
SBL	1	1700	109	0.06	149	0.09*
SBT	2	3400	226	0.07*	141	0.04
SBR	D	1700	111	0.07	80	0.05
EBL	1	1700	40	0.02*	54	0.03
EBT	2	3400	400	0.12	1246	0.37*
EBR	1	1700	47	0.03	38	0.02
WBL	1	1700	88	0.05	74	0.04*
WBT	2	3400	909	0.27*	527	0.16
WBR	1	1700	90	0.05	76	0.04

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.46 — 0.60

387 - Ridge Route Dr. @ Rockfield Bl.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0.5	1700	53	0.03*	28	0.02*
NBT	1.5	1700	35	0.02	20	0.01
NBR	1	1700	32	0.02	32	0.02
SBL	0.5	1700	125	0.07*	96	0.06*
SBT	1.5	1700	31	0.02	28	0.02
SBR	D	1700	188	0.11	80	0.05
EBL	1	1700	64	0.04*	256	0.15
EBT	2	3400	276	0.09	1049	0.33*
EBR	0		15		80	
WBL	1	1700	22	0.01	21	0.01*
WBT	2	3400	508	0.18*	309	0.12
WBR	0		88		100	

Adjustment — SBR 0.02
Overlaps — Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU — 0.39 — 0.47

388 - Ridge Route Dr. @ Avenida Carlota
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	27	0.02*	55	0.03*
NBT	0		0		0	
NBR	1	1700	204	0.12	375	0.22
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	226	0.09*	1059	0.35*
EBR	0		75		125	
WBL	1	1700	218	0.13*	201	0.12*
WBT	2	3400	245	0.07	240	0.07
WBR	0		0		0	

Adjustment NBR 0.10
Overlaps Clearance 0.05

Total ICU 0.29 0.65

389 - Ridge Route Dr. @ Moulton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03	129	0.08
NBT	2	3400	135	0.04*	173	0.05*
NBR	1	1700	105	0.06	138	0.08
SBL	2	3400	123	0.04*	223	0.07*
SBT	2	3400	105	0.03	117	0.03
SBR	1	1700	34	0.02	42	0.02
EBL	2	3400	35	0.01*	50	0.01
EBT	3	5100	1152	0.23	2269	0.44*
EBR	1	1700	203	0.12	88	0.05
WBL	2	3400	113	0.03	104	0.03*
WBT	4	6800	1929	0.28*	1004	0.15
WBR	1	1700	167	0.10	133	0.08

Adjustment NBR 0.01
Overlaps Clearance 0.05

Total ICU 0.42 0.65

390 - Paseo de Valencia @ Avenida Carlota
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	189	0.06*
NBT	1	1700	27	0.02	85	0.05
NBR	1	1700	32	0.02	75	0.04
SBL	2.5	3400	779	0.23	787	0.18
SBT	1.5	3400	765	0.24*	373	0.18*
SBR	0		36		43	
EBL	2	3400	152	0.04*	364	0.11*
EBT	2	3400	237	0.07	569	0.17
EBR	1	1700	82	0.05	330	0.19
WBL	1	1700	15	0.01	20	0.01
WBT	2	3400	432	0.13*	307	0.09*
WBR	1	1700	569	0.33	504	0.30

Adjustment WBR 0.02
Overlaps N W Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.49 0.51

391 - Santa Maria Av. @ Moulton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	135	0.08*	151	0.06*
NBT	0		0		0	
NBR	1.5	3400	296	0.09	180	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	1128	0.22	2549	0.50*
EBR	1	1700	152	0.09	124	0.07
WBL	1	1700	187	0.11	223	0.13*
WBT	3	5100	2152	0.42*	1059	0.21
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.55 0.74

392 - El Toro Rd. @ Muirlands Bl.
Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	90	0.03*	222	0.07
NBT	3	5100	957	0.19	1582	0.31*
NBR	1	1700	105	0.06	331	0.19
SBL	2	3400	278	0.08	178	0.05*
SBT	3	5100	1554	0.30*	1064	0.21
SBR	1	1700	415	0.24	115	0.07
EBL	2	3400	223	0.07*	270	0.08
EBT	2	3400	275	0.08	865	0.25*
EBR	1	1700	135	0.08	350	0.21
WBL	2	3400	351	0.10	334	0.10*
WBT	2	3400	680	0.20*	323	0.10
WBR	1	1700	302	0.18	182	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.76

393 - El Toro Rd. @ Rockfield Bl.
Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	417	0.12*	454	0.13*
NBT	4	6800	1003	0.15	1641	0.24
NBR	D	1700	187	0.11	253	0.15
SBL	2	3400	166	0.05	145	0.04
SBT	4	6800	1715	0.26*	1485	0.23*
SBR	0		69		81	
EBL	2	3400	83	0.02	358	0.11
EBT	2	3400	213	0.06*	522	0.15*
EBR	F		190		268	
WBL	2	3400	415	0.12*	355	0.10*
WBT	2	3400	272	0.08	198	0.06
WBR	1	1700	145	0.09	115	0.07

Adjustment
Overlaps Clearance 0.05

Total ICU 0.61 0.66

394 - El Toro Rd. @ I-5 NB Ramps
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	981	0.27	1613	0.40*
NBR	1.5	2550	840	0.27	1089	0.40
SBL	0		0		0	*
SBT	5	8500	2298	0.27*	2255	0.27
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	489	0.24*	509	0.26*
WBT	0		0		0	
WBR	1.5	2550	726	0.24	829	0.26

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.56 0.71

396 - El Toro Rd. @ Avenida Carlota
Long Range Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		3		1	
NBT	4	6800	1264	0.19*	1815	0.27*
NBR	D	1700	53	0.03	67	0.04
SBL	2	3400	79	0.02*	331	0.10*
SBT	3	5100	855	0.17	1085	0.21
SBR	1	1700	875	0.51	716	0.42
EBL	3	5100	601	0.12*	924	0.18*
EBT	2	3400	224	0.07	436	0.13
EBR	1	1700	162	0.10	74	0.04
WBL	0.5	850	43	0.06	32	0.03
WBT	1.5	2550	176	0.06*	66	0.03*
WBR	2	3400	239	0.07	627	0.18

Adjustment SBR 0.18 WBR 0.05
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.62 0.68

397 - El Toro Rd. @ Paseo de Valencia
Long Range Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	49	0.01	144	0.04
NBT	3	5100	755	0.15*	1075	0.21*
NBR	1	1700	169	0.10	281	0.17
SBL	2	3400	313	0.09*	229	0.07*
SBT	3	5100	620	0.12	680	0.14
SBR	0		10		18	
EBL	1	1700	24	0.01	39	0.02
EBT	2	3400	543	0.16*	450	0.13*
EBR	1	1700	266	0.16	192	0.11
WBL	2	3400	247	0.07*	393	0.12*
WBT	2	3400	110	0.03	169	0.05
WBR	1	1700	321	0.19	463	0.27

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.52 0.58

398 - El Toro Rd. @ Moulton Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	361	0.11*	300	0.09
NBT	3	5100	537	0.11	800	0.16*
NBR	1	1700	151	0.09	246	0.14
SBL	2	3400	316	0.09	303	0.09*
SBT	3	5100	619	0.12*	614	0.12
SBR	1	1700	214	0.13	226	0.13
EBL	2	3400	242	0.07*	304	0.09
EBT	3	5100	874	0.17	2271	0.45*
EBR	1	1700	264	0.16	455	0.27
WBL	2	3400	270	0.08	212	0.06*
WBT	3	5100	1901	0.37*	908	0.18
WBR	1	1700	303	0.18	304	0.18

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.72 0.81

399 - El Toro Rd. @ Aliso Creek Rd.
Long Range Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	446	0.09*	644	0.13*
NBR	F		857		1267	
SBL	1	1700	91	0.05*	231	0.14*
SBT	3	5100	659	0.13	476	0.09
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1279	0.38*	1020	0.30*
WBT	0		0		0	
WBR	1	1700	136	0.08	129	0.08

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.62

400 - El Toro Rd. @ SR-73 NB Ramps
Long Range Approved No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1195	0.35*	1963	0.58*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	570	0.34	497	0.29
SBR	1.5	3400	1557	0.46	1012	0.30
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	112	0.03	81	0.02
WBT	2	3400	595	0.18*	212	0.06*
WBR	1	1700	47	0.03	46	0.03

Adjustment SBR 0.11
Overlaps Clearance 0.05

Total ICU 0.69 0.69

401 - El Toro Rd. @ SR-73 SB Ramps
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	456	0.13	687	0.20*
NBR	1	1700	82	0.05	122	0.07
SBL	1	1700	38	0.02	41	0.02*
SBT	2	3400	649	0.19*	547	0.16
SBR	0		0		0	
EBL	1.5	3400	736	0.22*	1298	0.38*
EBT	1.5	1700	103	0.06	334	0.20
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.65

402 - I-5 NB Ramps @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	600	0.18*	900	0.26*
NBT	0		0		0	
NBR	1.5	1700	36	0.02	89	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	635	0.19*	829	0.24*
EBR	F		350		221	
WBL	1	1700	242	0.14*	201	0.12*
WBT	2	3400	482	0.14	390	0.11
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.67

403 - SR-241 NB Ramps @ Jeffrey Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	729	0.43*	445	0.26*
NBT	2	3400	762	0.22	139	0.04
NBR	D	1700	139	0.08	22	0.01
SBL	1	1700	15	0.01	17	0.01
SBT	2	3400	94	0.03*	459	0.14*
SBR	D	1700	78	0.05	343	0.20
EBL	1	1700	309	0.18*	56	0.03
EBT	2	3400	56	0.02	9	0.00*
EBR	D	1700	356	0.21	239	0.14
WBL	1	1700	11	0.01	110	0.06*
WBT	2	3400	9	0.00*	82	0.02
WBR	D	1700	9	0.01	26	0.02
Adjustment						SBR 0.03
Overlaps				Clearance		0.05
Total ICU				0.69		0.54

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2484	0.49*	1855	0.36*
NBR	1	1700	191	0.11	187	0.11
SBL	2	3400	385	0.11*	605	0.18*
SBT	3	5100	1482	0.29	2108	0.41
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	249	0.07*	179	0.05*
WBT	0		0		0	
WBR	F		1144		912	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.64

409 - Bake Pkwy. @ Commercentre Dr.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	63	0.04*	93	0.05
NBT	2	3400	955	0.28	1208	0.36*
NBR	D	1700	521	0.31	206	0.12
SBL	1	1700	37	0.02	11	0.01*
SBT	2	3400	1105	0.33*	867	0.26
SBR	D	1700	144	0.08	164	0.10
EBL	1	1700	123	0.07	103	0.06*
EBT	2	3400	328	0.11*	116	0.06
EBR	0		57		96	
WBL	2	3400	132	0.04*	501	0.15
WBT	1	1700	84	0.05	443	0.27*
WBR	0		7		16	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.75

410 - Bake Pkwy. @ Lake Forest Dr.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	159	0.05*	123	0.04*
SBT	0		0		0	
SBR	2	3400	99	0.03	400	0.12
EBL	2	3400	92	0.03*	109	0.03*
EBT	2	3400	275	0.08	713	0.21
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	786	0.23*	866	0.25*
WBR	D	1700	53	0.03	44	0.03
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.36		0.43

412 - Ridge Route Dr. @ Trabuco Rd.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	182	0.11*	164	0.10*
NBT	0		0		0	
NBR	1	1700	233	0.14	243	0.14
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	646	0.13	1540	0.30*
EBR	D	1700	261	0.15	132	0.08
WBL	1	1700	182	0.11	129	0.08*
WBT	3	5100	1486	0.29*	856	0.17
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.53

413 - Ridge Route Dr. @ Toledo Wy.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	50	0.03*	22	0.01
NBT	2	3400	229	0.10	284	0.10*
NBR	0		123		47	
SBL	1	1700	108	0.06	93	0.05*
SBT	2	3400	404	0.14*	192	0.07
SBR	0		88		43	
EBL	1	1700	31	0.02	72	0.04
EBT	2	3400	151	0.05*	425	0.13*
EBR	0		35		18	
WBL	1	1700	207	0.12*	18	0.01*
WBT	2	3400	292	0.10	95	0.04
WBR	0		54		47	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.34

414 - Ridge Route Dr. @ Jeronimo Rd.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	93	0.05*	40	0.02
NBT	2	3400	218	0.06	269	0.08*
NBR	D	1700	114	0.07	79	0.05
SBL	1	1700	126	0.07	33	0.02*
SBT	2	3400	318	0.09*	173	0.05
SBR	D	1700	265	0.16	30	0.02
EBL	1	1700	100	0.06*	86	0.05
EBT	2	3400	337	0.14	1066	0.34*
EBR	0		132		76	
WBL	1	1700	84	0.05	75	0.04*
WBT	2	3400	915	0.29*	335	0.12
WBR	0		65		68	
Adjustment			SBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.56		0.53

415 - Glenn Ranch Rd. @ Portola Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	80	0.05	110	0.06
NBT	2	1700	25	0.01*	47	0.03*
NBR	0	1700	57	0.03	97	0.06
SBL	2	3400	361	0.11*	333	0.10*
SBT	2	3400	80	0.02	40	0.01
SBR	F		1028		496	
EBL	2	3400	308	0.09*	1199	0.35*
EBT	3	5100	508	0.10	1193	0.23
EBR	1	1700	105	0.06	94	0.06
WBL	2	3400	130	0.04	55	0.02
WBT	3	5100	1295	0.25*	571	0.11*
WBR	1	1700	331	0.19	305	0.18
Adjustment						
Overlaps		W		Clearance		0.05
Total ICU				0.51		0.64

416 - Portola Pkwy .East @ SR-241 Ramps
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	386	0.11	170	0.05
NBT	3	5100	1091	0.21*	724	0.14*
NBR	F		87		285	
SBL	2	3400	160	0.05*	426	0.13*
SBT	3	5100	590	0.12	1055	0.21
SBR	F		188		123	
EBL	1	1700	131	0.08*	120	0.07*
EBT	0		0		0	
EBR	F		160		367	
WBL	2	3400	217	0.06	124	0.04
WBT	0		0	*	0	*
WBR	F		485		159	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.39

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	329	0.19*	289	0.17*
NBT	3	5100	195	0.04	646	0.13
NBR	F		378		677	
SBL	1	1700	33	0.02	12	0.01
SBT	3	5100	844	0.17*	222	0.04*
SBR	1	1700	480	0.28	151	0.09
EBL	2	3400	79	0.02	384	0.11
EBT	3	5100	763	0.15*	1585	0.31*
EBR	1	1700	247	0.15	451	0.27
WBL	2	3400	522	0.15*	469	0.14*
WBT	4	6800	1555	0.23	877	0.13
WBR	D	1700	26	0.02	55	0.03
Adjustment			SBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.77		0.71

418 - El Toro Rd. @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	228	0.07*	352	0.10
NBT	3	5100	628	0.12	1334	0.26*
NBR	1	1700	170	0.10	373	0.22
SBL	2	3400	259	0.08	309	0.09*
SBT	3	5100	1790	0.35*	924	0.18
SBR	1	1700	351	0.21	191	0.11
EBL	2	3400	183	0.05*	392	0.12
EBT	3	3400	388	0.11	976	0.23*
EBR	0	1700	241	0.14	221	
WBL	2	3400	329	0.10	140	0.04*
WBT	3	5100	915	0.18*	444	0.09
WBR	1	1700	217	0.13	214	0.13
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.70		0.67

419 - El Toro Rd. @ Toledo Wy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	210	0.12*	57	0.03
NBT	3	5100	1078	0.21	1816	0.36*
NBR	D	1700	13	0.01	21	0.01
SBL	1	1700	1	0.00	1	0.00*
SBT	3	5100	1888	0.37*	1234	0.24
SBR	D	1700	317	0.19	36	0.02
EBL	1.5	2550	77	0.02*	291	0.09*
EBT	0.5	850	4	0.02	18	0.09
EBR	1	1700	202	0.12	104	0.06
WBL	0		35		15	
WBT	1	1700	13	0.03*	4	0.01*
WBR	0		2		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.51

420 - El Toro Rd. @ Jeronimo Rd.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	128	0.08*	114	0.07
NBT	3	5100	990	0.19	1454	0.29*
NBR	1	1700	303	0.18	340	0.20
SBL	2	3400	264	0.08	296	0.09*
SBT	3	5100	1702	0.33*	1010	0.20
SBR	D	1700	258	0.15	95	0.06
EBL	1	1700	147	0.09	181	0.11
EBT	2	3400	287	0.15*	800	0.27*
EBR	0		216		125	
WBL	2	3400	469	0.14*	227	0.07*
WBT	2	3400	602	0.18	346	0.10
WBR	1	1700	261	0.15	280	0.16
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.75		0.77

421 - Los Alisos Bl. @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	228	0.13*	215	0.13
NBT	3	5100	451	0.09	1061	0.21*
NBR	D	1700	108	0.06	291	0.17
SBL	1	1700	164	0.10	158	0.09*
SBT	3	5100	1261	0.25*	538	0.11
SBR	D	1700	350	0.21	94	0.06
EBL	1	1700	148	0.09*	304	0.18*
EBT	2	3400	462	0.14	707	0.21
EBR	D	1700	284	0.17	194	0.11
WBL	1	1700	280	0.16	140	0.08
WBT	2	3400	739	0.22*	441	0.13*
WBR	D	1700	177	0.10	159	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.66

422 - Los Alisos Bl. @ Jeromino Rd.

Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	192	0.11*	194	0.11
NBT	3	5100	634	0.12	1313	0.26*
NBR	1	1700	170	0.10	303	0.18
SBL	1	1700	241	0.14	156	0.09*
SBT	3	5100	1330	0.26*	651	0.13
SBR	1	1700	386	0.23	182	0.11
EBL	2	3400	188	0.06*	433	0.13
EBT	2	3400	527	0.16	840	0.25*
EBR	1	1700	171	0.10	257	0.15
WBL	2	3400	226	0.07	233	0.07*
WBT	2	3400	690	0.20*	513	0.15
WBR	1	1700	103	0.06	201	0.12

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.68 — 0.72

423 - Muirlands Bl. @ Los Alisos Bl.

Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	219	0.13*	121	0.07
NBT	2	3400	587	0.17	403	0.12*
NBR	1	1700	144	0.08	193	0.11
SBL	1	1700	119	0.07	375	0.22*
SBT	2	3400	501	0.20*	712	0.26
SBR	0		164		168	
EBL	1	1700	184	0.11*	144	0.08
EBT	3	5100	655	0.13	1201	0.24*
EBR	1	1700	279	0.16	220	0.13
WBL	1	1700	265	0.16	182	0.11*
WBT	3	5100	1046	0.21*	664	0.13
WBR	D	1700	340	0.20	217	0.13

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.70 — 0.74

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	238	0.14*	196	0.12*
NBT	2	3400	771	0.23	1169	0.35
NBR	0		3		4	
SBL	1	1700	13	0.01	16	0.01
SBT	2	3400	890	0.40*	722	0.30*
SBR	0		470		283	
EBL	1.5	2550	266	0.08*	414	0.13*
EBT	0.5	850	19	0.08	39	0.13
EBR	1	1700	230	0.14	316	0.19
WBL	0		6		9	
WBT	1	1700	54	0.04*	20	0.02*
WBR	D	1700	45	0.03	23	0.01

Adjustment
Overlaps — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.71 — 0.62

425 - Los Alisos Bl. @ Avenida Carlota

Long Range Approved No Project-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	222	0.07*	173	0.05*
NBT	3	5100	836	0.16	949	0.19
NBR	0		3		1	
SBL	1	1700	7	0.00	7	0.00
SBT	2	3400	915	0.27*	818	0.24*
SBR	1	1700	286	0.17	183	0.11
EBL	1.5	2550	138	0.04*	449	0.14*
EBT	0.5	850	3	0.04	14	0.14
EBR	1	1700	77	0.05	304	0.18
WBL	0		4		6	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	7	0.00	14	0.01

Adjustment
Overlaps — S — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.44 — 0.48

426 - Los Alisos Bl. @ Paseo de Valencia

Long Range Approved No Project-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	685	0.13*	910	0.18*
SBT	0		0		0	
SBR	1	1700	337	0.20	192	0.11
EBL	2	3400	98	0.03*	242	0.07
EBT	2	3400	338	0.10	787	0.23*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	767	0.23*	388	0.11
WBR	2	3400	852	0.25	885	0.26

Adjustment — SBR 0.04
Overlaps — S W — Clearance 0.05

Total ICU — 0.48 — 0.46

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek

Long Range Approved No Project-ITAM TC V1.8 — ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	147	0.04	263	0.08*
NBT	3	5100	1796	0.35*	1032	0.20
NBR	D	1700	9	0.01	28	0.02
SBL	1	1700	9	0.01*	34	0.02
SBT	3	5100	876	0.17	2082	0.41*
SBR	1	1700	355	0.21	539	0.32
EBL	1.5	2550	476	0.14*	306	0.09*
EBT	0.5	850	1	0.14	7	0.09
EBR	1	1700	241	0.14	238	0.14
WBL	0		38		22	
WBT	1	1700	7	0.03*	3	0.01*
WBR	D	1700	30	0.02	20	0.01

Adjustment
Overlaps — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.58 — 0.64

428 - Laguna Hills Dr. @ Paseo de Valencia
Long Range Approved No Project-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	662	0.20*	613	0.18*
NBT	0.5	850	15	0.20	14	0.18
NBR	1	1700	410	0.24	497	0.29
SBL	1	1700	114	0.07	52	0.03
SBT	1	1700	27	0.08*	24	0.04*
SBR	0		102		41	
EBL	1	1700	26	0.02	64	0.04
EBT	3	5100	421	0.08*	977	0.19*
EBR	1	1700	599	0.35	675	0.40
WBL	2	3400	378	0.11*	342	0.10*
WBT	3	5100	736	0.16	524	0.12
WBR	0		63		94	
Adjustment			EBR	0.12	Multi	0.09
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.64		0.65

429 - Moulton Pkwy. @ Laguna Hills Dr.
Long Range Approved No Project-ITAM TC V1.8 — ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	486	0.14	247	0.07*
NBT	4	6800	1405	0.21*	817	0.12
NBR	1	1700	169	0.10	103	0.06
SBL	2	3400	221	0.07*	184	0.05
SBT	3	5100	640	0.13	1682	0.33*
SBR	1	1700	230	0.14	452	0.27
EBL	2	3400	347	0.10*	287	0.08*
EBT	3	5100	548	0.11	795	0.16
EBR	F		306		460	
WBL	1	1700	73	0.04	156	0.09
WBT	2	3400	807	0.24*	602	0.18*
WBR	1	1700	163	0.10	243	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.67		0.71

430 - Trabuco Rd. @ Alicia Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	194	0.06	130	0.04
NBT	2	3400	480	0.14*	351	0.10*
NBR	D	1700	67	0.04	46	0.03
SBL	2	3400	179	0.05*	430	0.13*
SBT	2	3400	325	0.10	458	0.13
SBR	1	1700	189	0.11	207	0.12
EBL	1	1700	239	0.14*	202	0.12
EBT	3	5100	900	0.18	1491	0.29*
EBR	D	1700	67	0.04	142	0.08
WBL	1	1700	102	0.06	43	0.03*
WBT	3	5100	1616	0.32*	958	0.19
WBR	1	1700	347	0.20	176	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.60

431 - Jeronimo Rd. @ Alicia Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	528	0.16*	237	0.07*
NBT	2	3400	766	0.23	344	0.10
NBR	1	1700	161	0.09	88	0.05
SBL	2	3400	82	0.02	181	0.05
SBT	2	3400	420	0.12*	776	0.23*
SBR	1	1700	196	0.12	458	0.27
EBL	2	3400	367	0.11*	231	0.07
EBT	3	5100	1322	0.26	1841	0.36*
EBR	1	1700	202	0.12	399	0.23
WBL	2	3400	171	0.05	118	0.03*
WBT	3	5100	1927	0.38*	1331	0.26
WBR	1	1700	169	0.10	111	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.82		0.74

432 - Alicia Pkwy. @ Muirlands Bl.
Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	229	0.07*	325	0.10
NBT	3	5100	1896	0.37	2351	0.46*
NBR	1	1700	87	0.05	149	0.09
SBL	2	3400	119	0.04	96	0.03*
SBT	4	6800	2499	0.39*	2126	0.32
SBR	0		136		74	
EBL	1	1700	95	0.06	110	0.06
EBT	2	3400	424	0.12*	410	0.12*
EBR	1	1700	545	0.32	526	0.31
WBL	1	1700	136	0.08*	114	0.07*
WBT	2	3400	478	0.14	342	0.10
WBR	1	1700	249	0.15	169	0.10
Adjustment			EBR	0.13	EBR	0.04
Overlaps	E				Clearance	0.05
Total ICU				0.84		0.77

433 - I-5 NB Ramps @ Alicia Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	234	0.11*	302	0.18*
NBT	0		0		0	
NBR	1.5	2550	338	0.11	685	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2066	0.41*	2420	0.47*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1720	0.34	1872	0.37
WBR	F		0		0	
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.57		0.72

434 - I-5 SB Ramps @ Alicia Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1264	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	848	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2321	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1135	0.22	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Long Range Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	272	0.08	305	0.09
NBT	3	5100	1703	0.35*	1572	0.32*
NBR	0		64		70	
SBL	1	1700	74	0.04*	140	0.08*
SBT	3	5100	1330	0.26	1473	0.29
SBR	1	1700	378	0.22	354	0.21
EBL	2	3400	394	0.12*	432	0.13*
EBT	2	3400	245	0.07	477	0.14
EBR	2	3400	228	0.07	531	0.16
WBL	2	3400	109	0.03	113	0.03
WBT	3	5100	512	0.10*	257	0.05*
WBR	1	1700	91	0.05	64	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.63

436 - Moulton Pkwy. @ Alicia Pkwy.
Long Range Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01	71	0.02*
NBT	4	6800	1353	0.20*	733	0.11
NBR	F		480		348	
SBL	2	3400	171	0.05*	247	0.07
SBT	3	5100	706	0.14	1317	0.26*
SBR	1	1700	258	0.15	685	0.40
EBL	2	3400	441	0.13*	356	0.10*
EBT	3	5100	1276	0.25	1185	0.23
EBR	1	1700	96	0.06	54	0.03
WBL	2	3400	257	0.08	353	0.10
WBT	3	5100	1090	0.21*	1382	0.27*
WBR	1	1700	170	0.10	174	0.10
Adjustment					SBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.64		0.76

437 - Scientific Wy. @ ICD
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	28	0.01*	53	0.02*
NBT	2	3400	3	0.00	25	0.01
NBR	1	1700	0		3	0.00
SBL	2	3400	0		8	0.00
SBT	2	3400	1	0.00*	6	0.00*
SBR	1	1700	31	0.02	46	0.03
EBL	1	1700	112	0.07*	34	0.02
EBT	3	5100	738	0.14	1655	0.32*
EBR	1	1700	109	0.06	23	0.01
WBL	1	1700	0		0	*
WBT	3	5100	1113	0.22*	957	0.19
WBR	1	1700	8	0.00	34	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.39

441 - Park Av. @ Jamboree Rd. SB Ramps
Long Range Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	127	0.04	413	0.12*
NBR	1	1700	48	0.03	108	0.06
SBL	1	1700	3	0.00	26	0.02*
SBT	2	3400	168	0.05*	248	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	902	0.27*	602	0.18*
WBT	0		0		0	
WBR	1	1700	4	0.00	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.37

444 - Sand Canyon Av. @ Burt Rd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	25	0.01*	38	0.01
NBT	3	5100	677	0.13	1796	0.35*
NBR	D	1700	32	0.02	95	0.06
SBL	1	1700	132	0.08	138	0.08*
SBT	3	5100	2889	0.57*	1129	0.22
SBR	1	1700	106	0.06	52	0.03
EBL	2	3400	126	0.04*	29	0.01
EBT	1	1700	16	0.01	1	0.00*
EBR	1	1700	47	0.03	20	0.01
WBL	1	1700	26	0.02	65	0.04*
WBT	1	1700	7	0.00*	6	0.00
WBR	1	1700	75	0.04	131	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.52

452 - Jamboree Rd. @ Santiago Canyon Rd.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	545	0.16*	1948	0.57*
NBT	1	1700	51	0.03	62	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	19	0.01*	141	0.04*
SBR	D	1700	25	0.01	98	0.06
EBL	1	1700	39	0.02*	24	0.01*
EBT	0		0		0	
EBR	2	3400	1638	0.48	561	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.34	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.58		0.68

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Long Range Approved No Project-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		537		732	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		839	*	550	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

463 - Jamboree Rd. @ Chapman Ave.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	110	0.03	293	0.09
NBT	2	3400	201	0.06*	888	0.26*
NBR	2	3400	228	0.07	157	0.05
SBL	2	3400	870	0.26*	412	0.12*
SBT	3	5100	775	0.15	313	0.06
SBR	1	1700	31	0.02	78	0.05
EBL	2	3400	36	0.01	46	0.01*
EBT	3	5100	1346	0.26*	398	0.08
EBR	1	1700	276	0.16	126	0.07
WBL	2	3400	272	0.08*	290	0.09
WBT	3	5100	471	0.09	1423	0.28*
WBR	2	3400	363	0.11	908	0.27
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.72

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	69	0.04*	59	0.03*
SBT	0		0		1	
SBR	2	3400	530	0.16	174	0.05
EBL	0		0		0	*
EBT	4	5100	2059	0.40*	1041	0.16
EBR	0	1700	795	0.47	54	
WBL	1	1700	68	0.04*	21	0.01
WBT	2	3400	813	0.24	2719	0.80*
WBR	0		0		0	
Adjustment			EBR	0.04	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.57		0.90

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	40	0.01*	652	0.20*
NBT	0		1	0.01	2	0.20
NBR	0.5	850	9	0.01	30	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	180	0.11*	308	0.18*
EBT	4	6800	1906	0.28	821	0.12
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	864	0.18*	2094	0.43*
WBR	0		60		124	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.35		0.86

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	342	0.10*	1038	0.31*
NBT	0		0		0	
NBR	1	1700	14	0.01	3	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	479	0.14	485	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	738	0.22*	823	0.24*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.60

468 - Jamboree Rd. @ Canyon View Ave.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	102	0.03*	786	0.23
NBT	3	5100	348	0.07	1694	0.33*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1346	0.26*	428	0.08
SBR	1	1700	150	0.09	328	0.19
EBL	1	1700	197	0.12*	186	0.11*
EBT	0		0		0	
EBR	2	3400	819	0.24	206	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.56		0.50

469 - Jamboree Rd. @ Handy Creek Rd.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		1403		1733	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		1859	*	943	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

470 - SR-261 SB Ramps @ Handy Creek Rd.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

471 - SR-261 NB Ramps @ Handy Creek Rd.
Long Range Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

477 - El Camino Real N. @ Bryan Ave.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	6	0.00*	101	0.06*
NBT	0		0		0	
NBR	1.5	3400	55	0.02	419	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	388	0.11*	688	0.20
EBR	D	1700	110	0.06	26	0.02
WBL	2	3400	245	0.07*	106	0.03
WBT	2	3400	570	0.17	1336	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.50

481 - Laguna Canyon Rd. @ Technology Dr.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	68	0.04*
NBT	2	3400	18	0.01	38	0.01
NBR	D	1700	5	0.00	27	0.02
SBL	2	3400	20	0.01	33	0.01
SBT	2	3400	45	0.01*	11	0.00*
SBR	D	1700	109	0.06	449	0.26
EBL	1	1700	442	0.26*	134	0.08*
EBT	1	1700	173	0.10	60	0.04
EBR	1	1700	70	0.04	12	0.01
WBL	1	1700	30	0.02	3	0.00
WBT	1	1700	54	0.03*	331	0.19*
WBR	2	3400	96	0.03	46	0.01
Adjustment					SBR	0.20
Overlaps					Clearance	0.05
Total ICU				0.35		0.56

482 - Visions @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	15	0.01*
NBT	1	1700	0		0	
NBR	1	1700	120	0.07	19	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	434	0.13*	690	0.20*
EBR	1	1700	211	0.12	22	0.01
WBL	1	1700	298	0.18*	19	0.01*
WBT	2	3400	613	0.18	553	0.16
WBR	D	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.27

483 - Tulip @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	59	0.03	27	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	480	0.14	437	0.13
EBR	D	1700	88	0.05	24	0.01
WBL	1	1700	20	0.01	36	0.02
WBT	2	3400	651	0.19*	599	0.18*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.23

484 - Sand Canyon Av. @ Roosevelt
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	64	0.02*	107	0.03
NBT	4	6800	700	0.10	2051	0.30*
NBR	D	1700	51	0.03	137	0.08
SBL	2	3400	33	0.01	73	0.02*
SBT	4	6800	1785	0.26*	920	0.14
SBR	D	1700	79	0.05	90	0.05
EBL	2	3400	88	0.03*	78	0.02*
EBT	2	3400	30	0.01	47	0.01
EBR	D	1700	134	0.08	88	0.05
WBL	2	3400	164	0.05	55	0.02
WBT	1	1700	86	0.05*	25	0.01*
WBR	D	1700	59	0.03	67	0.04
Adjustment				EBR 0.03		WBR 0.01
Overlaps					Clearance	0.05
Total ICU				0.44		0.41

485 - Sand Canyon Av. @ Nightmist
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	115	0.03*	222	0.07
NBT	4	6800	742	0.11	2196	0.32*
NBR	D	1700	34	0.02	55	0.03
SBL	1	1700	24	0.01	12	0.01*
SBT	4	6800	2139	0.31*	1028	0.15
SBR	D	1700	33	0.02	41	0.02
EBL	2	3400	48	0.01*	31	0.01
EBT	1	1700	15	0.01	4	0.00*
EBR	1	1700	283	0.17	113	0.07
WBL	2	3400	27	0.01	68	0.02*
WBT	1	1700	20	0.01*	2	0.00
WBR	D	1700	30	0.02	20	0.01
Adjustment			EBR	0.14		
Overlaps					Clearance	0.05
Total ICU				0.55		0.40

486 - SR-133 SB Ramps @ Great Park Blvd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	565	0.33*	184	0.11*
SBT	0		0		0	
SBR	2	3400	1068	0.31	108	0.03
EBL	0		0		0	
EBT	2	3400	122	0.04*	758	0.22*
EBR	1	1700	882	0.52	470	0.28
WBL	2	3400	1113	0.33*	819	0.24*
WBT	2	3400	291	0.09	770	0.23
WBR	0		0		0	
Adjustment			EBR	0.23		
Overlaps					Clearance	0.05
Total ICU				0.98		0.62

487 - SR-133 NB Ramps @ Great Park Blvd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	445	0.13*	868	0.26*
NBT	0		0		0	
NBR	2	3400	994	0.29	956	0.28
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	635	0.19	530	0.16*
EBR	F		31		395	
WBL	1	1700	118	0.07	586	0.34*
WBT	2	3400	1069	0.31*	714	0.21
WBR	0		0		0	
Adjustment			NBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.56		0.81

514 - Alton Pkwy. @ Rancho Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	100	0.03*	221	0.07
NBT	3	5100	610	0.12	1478	0.29*
NBR	1	1700	156	0.09	176	0.10
SBL	2	3400	159	0.05	26	0.01*
SBT	3	5100	1442	0.28*	623	0.12
SBR	1	1700	62	0.04	52	0.03
EBL	1	1700	68	0.04	25	0.01
EBT	2	3400	50	0.01*	32	0.01*
EBR	D	1700	293	0.17	176	0.10
WBL	1	1700	199	0.12*	189	0.11*
WBT	2	3400	48	0.01	69	0.02
WBR	1	1700	34	0.02	161	0.09

Adjustment EBR 0.14
Overlaps Clearance 0.05

Total ICU 0.63 0.47

515 - Bake Pkwy. N @ Rancho Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	631	0.19	1076	0.32*
NBR	D	1700	269	0.16	680	0.40
SBL	1	1700	108	0.06	286	0.17*
SBT	2	3400	999	0.29*	658	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	535	0.16*	270	0.08*
WBT	0		0		0	
WBR	2	3400	173	0.05	260	0.08

Adjustment NBR 0.02
Overlaps Clearance 0.05

Total ICU 0.50 0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	143	0.08*	227	0.13
NBT	2	3400	525	0.15	908	0.27*
NBR	D	1700	167	0.10	444	0.26
SBL	1	1700	160	0.09	124	0.07*
SBT	2	3400	814	0.24*	599	0.18
SBR	D	1700	73	0.04	52	0.03
EBL	1	1700	22	0.01	53	0.03
EBT	1	1700	243	0.14*	670	0.39*
EBR	1	1700	58	0.03	169	0.10
WBL	1	1700	291	0.17*	180	0.11*
WBT	2	3400	617	0.18	315	0.09
WBR	1	1700	54	0.03	72	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.89

517 - Portola Pkwy. @ Rancho Pkwy.
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	567	0.17*	365	0.11*
NBT	3	5100	1375	0.27	864	0.17
NBR	D	1700	12	0.01	4	0.00
SBL	2	3400	22	0.01	17	0.01
SBT	3	5100	843	0.17*	1361	0.27*
SBR	1	1700	209	0.12	141	0.08
EBL	1.5	2550	104	0.03*	270	0.09*
EBT	0.5	850	12	0.03	34	0.09
EBR	F		282		857	
WBL	1.5	2550	8	0.01	16	0.01
WBT	1	1700	23	0.01*	24	0.01*
WBR	1.5	2550	14	0.01	20	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.43 0.53

518 - Alton Pkwy. @ Commercentre
Long Range Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	706	0.14	1942	0.38*
NBR	D	1700	381	0.22	260	0.15
SBL	1	1700	208	0.12	42	0.02*
SBT	3	5100	2115	0.41*	967	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	261	0.08*	610	0.18*
WBT	0		0		0	
WBR	1.5	1700	60	0.04	235	0.14

Adjustment
Overlaps Clearance 0.05

Total ICU 0.54 0.63

520 - Keystone @ Trabuco Rd.
Long Range Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	159	0.05*	55	0.02*
SBT	0		0		0	
SBR	1	1700	396	0.23	162	0.10
EBL	2	3400	154	0.05*	287	0.08*
EBT	2	3400	386	0.11	324	0.10
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	604	0.18*	513	0.15*
WBR	1	1700	39	0.02	134	0.08

Adjustment SBR 0.14 SBR 0.02
Overlaps Clearance 0.05

Total ICU 0.47 0.32

555 - Bake Pkwy. @ Rancho Pkwy. S

Long Range Approved No Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	248	0.15*	162	0.10
NBT	2	3400	735	0.22	1386	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1163	0.34*	834	0.25
SBR	1	1700	286	0.17	152	0.09
EBL	2	3400	131	0.04*	336	0.10*
EBT	0		0		0	
EBR	1	1700	171	0.10	157	0.09
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.58 — 0.56

556 - Ridge Valley @ Portola Pkwy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	117	0.03	100	0.03*
NBT	1	1700	12	0.01*	36	0.02
NBR	D	1700	36	0.02	81	0.05
SBL	1	1700	98	0.06*	16	0.01
SBT	2	3400	58	0.02	14	0.00*
SBR	D	1700	23	0.01	26	0.02
EBL	1	1700	5	0.00	32	0.02
EBT	2	3400	601	0.18*	562	0.17*
EBR	D	1700	125	0.07	57	0.03
WBL	1	1700	109	0.06*	32	0.02*
WBT	2	3400	621	0.18	542	0.16
WBR	D	1700	37	0.02	21	0.01

Adjustment — NBR 0.01
Overlaps — Clearance 0.05

Total ICU — 0.36 — 0.28

558 - Ridge Valley @ Irvine Bl.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	255	0.08	282	0.08*
NBT	2	3400	174	0.05*	138	0.04
NBR	D	1700	89	0.05	81	0.05
SBL	1	1700	208	0.12*	80	0.05
SBT	2	3400	313	0.09	61	0.02*
SBR	F		393		258	
EBL	2	3400	101	0.03*	396	0.12*
EBT	3	5100	1301	0.26	1184	0.23
EBR	1	1700	149	0.09	228	0.13
WBL	2	3400	46	0.01	64	0.02
WBT	3	5100	1292	0.25*	1569	0.31*
WBR	1	1700	96	0.06	79	0.05

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.50 — 0.58

559 - Ridge Valley @ Great Park Blvd.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	217	0.06*	445	0.13*
NBT	2	1700	8	0.00	81	0.05
NBR	0	1700	27	0.02	94	0.06
SBL	1	1700	63	0.04	69	0.04
SBT	2	3400	16	0.00*	23	0.01*
SBR	F		508		324	
EBL	2	3400	283	0.08	539	0.16*
EBT	2	3400	980	0.29*	631	0.19
EBR	F		249		210	
WBL	1	1700	17	0.01*	44	0.03
WBT	2	3400	551	0.17	622	0.22*
WBR	0		20		113	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.41 — 0.57

560 - Ridge Valley @ Marine Wy.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	72	0.04	294	0.17*
NBT	1	1700	4	0.02*	51	0.07
NBR	0		26		66	
SBL	1	1700	108	0.06*	56	0.03
SBT	1	1700	19	0.01	6	0.00*
SBR	1	1700	304	0.18	249	0.15
EBL	2	3400	157	0.05*	851	0.25*
EBT	2	3400	981	0.29	1092	0.32
EBR	D	1700	176	0.10	110	0.06
WBL	1	1700	70	0.04	11	0.01
WBT	2	3400	1090	0.32*	502	0.15*
WBR	1	1700	62	0.04	87	0.05

Adjustment — SBR 0.09
Overlaps — S — Clearance 0.05

Total ICU — 0.59 — 0.62

561 - Bosque @ Irvine Bl.

Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	113	0.07*	204	0.12*
NBT	0		0		0	
NBR	1	1700	285	0.17	281	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1547	0.30*	1003	0.20
EBR	1	1700	143	0.08	91	0.05
WBL	1	1700	272	0.16*	161	0.09
WBT	3	5100	1539	0.30	1892	0.37*
WBR	0		0		0	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.58 — 0.54

562 - Skyhawk @ Marine Wy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		24	0.01*
SBT	1	1700	0	*	0	
SBR	1	1700	764	0.45	251	0.15
EBL	1	1700	166	0.10	899	0.53*
EBT	2	3400	1019	0.30*	456	0.13
EBR	0		0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	478	0.14	509	0.15*
WBR	1	1700	0		96	0.06
Adjustment			SBR	0.33		
Overlaps					Clearance	0.05
Total ICU				0.68		0.74

563 - Chinon @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	318	0.12*	70	0.04*
NBT	0		0		0	
NBR	0.5	850	94	0.12	82	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1673	0.33*	842	0.17
EBR	1	1700	289	0.17	57	0.03
WBL	1	1700	37	0.02*	130	0.08
WBT	3	5100	724	0.14	1628	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.41

565 - Treble @ Marine Wy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01	6	0.00*
NBT	1	1700	2	0.02*	5	0.01
NBR	0		40		10	
SBL	2	3400	691	0.20*	185	0.05
SBT	1	1700	3	0.11	3	0.06*
SBR	0		177		100	
EBL	1	1700	41	0.02	221	0.13*
EBT	2	3400	819	0.24*	463	0.14
EBR	D	1700	3	0.00	8	0.00
WBL	1	1700	8	0.00*	22	0.01
WBT	2	3400	511	0.15	673	0.20*
WBR	1	1700	99	0.06	596	0.35
Adjustment					WBR	0.10
Overlaps	W				Clearance	0.05
Total ICU				0.51		0.54

566 - Marine Wy. @ Barranca Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	60	0.02*	194	0.06
NBT	2	3400	179	0.05	612	0.18*
NBR	1	1700	53	0.03	150	0.09
SBL	2	3400	616	0.18	389	0.11*
SBT	2	3400	872	0.26*	241	0.07
SBR	1	1700	695	0.41	501	0.29
EBL	2	3400	260	0.08*	670	0.20*
EBT	2	3400	77	0.02	165	0.05
EBR	1	1700	108	0.06	102	0.06
WBL	2	3400	128	0.04	104	0.03
WBT	2	3400	102	0.03*	216	0.06*
WBR	1	1700	307	0.18	680	0.40
Adjustment			SBR	0.09	WBR	0.26
Overlaps					Clearance	0.05
Total ICU				0.53		0.86

567 - Marine Wy. @ Alton Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	705	0.21*	659	0.19*
NBT	2	3400	73	0.02	19	0.01
NBR	1	1700	653	0.38	579	0.34
SBL	2	3400	11	0.00	78	0.02
SBT	2	3400	15	0.00*	136	0.04*
SBR	1	1700	12	0.01	89	0.05
EBL	2	3400	64	0.02	16	0.00
EBT	3	5100	573	0.11*	466	0.09*
EBR	F		775		811	
WBL	2	3400	408	0.12*	538	0.16*
WBT	3	5100	326	0.06	352	0.07
WBR	1	1700	34	0.02	10	0.01
Adjustment			NBR	0.08	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.54

568 - Ada @ Marine Wy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	46	0.03*	126	0.07*
NBT	0		0		0	
NBR	1	1700	68	0.04	164	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	794	0.28*	528	0.18
EBR	0		147		72	
WBL	0		150	*	117	
WBT	2	3400	547	0.21	662	0.23*
WBR	1	1700	0		0	
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.37		0.35

569 - Bake Pkwy @ Marine Wy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1120	0.33	577	0.17*
NBT	3	5100	3128	0.61*	3139	0.62
NBR	1	1700	155	0.09	62	0.04
SBL	1	1700	134	0.08*	49	0.03
SBT	4	6800	2442	0.36	3262	0.48*
SBR	1	1700	967	0.57	457	0.27
EBL	2	3400	396	0.12*	797	0.23*
EBT	1	1700	20	0.01	16	0.01
EBR	2	3400	358	0.11	1047	0.31
WBL	1	1700	28	0.02	134	0.08
WBT	2	3400	11	0.00*	19	0.01*
WBR	D	1700	31	0.02	102	0.06
Adjustment			SBR	0.12	EBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.98		0.96

571 - Portola Springs @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	240	0.07*	267	0.08*
NBT	1	1700	65	0.06	50	0.05
NBR	0		35		37	
SBL	1	1700	8	0.00	12	0.01
SBT	1	1700	90	0.05*	31	0.02*
SBR	D	1700	161	0.09	81	0.05
EBL	1	1700	58	0.03*	143	0.08*
EBT	2	3400	177	0.05	308	0.09
EBR	1	1700	302	0.18	131	0.08
WBL	1	1700	40	0.02	22	0.01
WBT	2	3400	196	0.06*	211	0.06*
WBR	D	1700	4	0.00	13	0.01
Adjustment			Multi	0.08		
Overlaps					Clearance	0.05
Total ICU				0.34		0.29

572 - Modjeska @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	58	0.03	79	0.05
NBT	1	1700	24	0.01*	57	0.03*
NBR	1	1700	71	0.04	69	0.04
SBL	2	3400	501	0.15*	189	0.06*
SBT	1	1700	92	0.05	20	0.01
SBR	1	1700	448	0.26	310	0.18
EBL	2	3400	177	0.05	423	0.12*
EBT	3	5100	1385	0.27*	783	0.15
EBR	1	1700	61	0.04	46	0.03
WBL	1	1700	77	0.05*	39	0.02
WBT	3	5100	910	0.18	1306	0.26*
WBR	1	1700	259	0.15	289	0.17
Adjustment			SBR	0.02	SBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.55		0.57

574 - Ridge Valley @ Benchmark
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	16	0.01	0	
NBT	2	3400	158	0.05*	385	0.14*
NBR	0		26		81	
SBL	1	1700	109	0.06*	34	0.02*
SBT	2	3400	303	0.10	203	0.06
SBR	0		35		2	
EBL	1	1700	22	0.01*	13	0.01
EBT	1	1700	5	0.01	0	0.00*
EBR	0		17		1	
WBL	1	1700	109	0.06	38	0.02*
WBT	1	1700	3	0.06*	0	0.01
WBR	0		106		14	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.23

575 - Ridge Valley @ Hornet
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	56	0.03
NBT	2	1700	46	0.03	427	0.16*
NBR	0	1700	49	0.03	121	
SBL	1	1700	63	0.04	97	0.06*
SBT	2	3400	333	0.10*	117	0.03
SBR	D	1700	46	0.03	38	0.02
EBL	1	1700	86	0.05	46	0.03*
EBT	1	1700	30	0.04*	4	0.01
EBR	0		34		15	
WBL	1	1700	79	0.05*	67	0.04
WBT	1	1700	12	0.03	8	0.11*
WBR	0		44		173	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.41

576 - Ridge Valley @ Phantom
Long Range Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	709	0.25*
NBR	0		39		133	
SBL	1	1700	11	0.01	20	0.01*
SBT	2	3400	413	0.12*	259	0.08
SBR	0		4		5	
EBL	1	1700	3	0.00	6	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		31		15	
WBL	1	1700	27	0.02*	45	0.03*
WBT	1	1700	0	0.00	1	0.01
WBR	0		3		19	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.22		0.35

577 - Pusan Way @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03*	39	0.02
NBT	1	1700	53	0.03	63	0.04*
NBR	1	1700	64	0.04	61	0.04
SBL	1	1700	19	0.01	35	0.02*
SBT	1	1700	62	0.04*	27	0.02
SBR	1	1700	142	0.08	142	0.08
EBL	1	1700	102	0.06	178	0.10*
EBT	3	5100	1852	0.36*	900	0.18
EBR	1	1700	59	0.03	24	0.01
WBL	1	1700	54	0.03*	46	0.03
WBT	3	5100	1099	0.22	1594	0.31*
WBR	1	1700	44	0.03	56	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.52

579 - Merit @ Irvine Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	164	0.05*	70	0.02*
NBT	1	1700	17	0.01	8	0.00
NBR	1	1700	189	0.11	105	0.06
SBL	1	1700	114	0.07	35	0.02
SBT	1	1700	72	0.05*	6	0.01*
SBR	0		21		11	
EBL	2	3400	24	0.01	5	0.00*
EBT	3	5100	1340	0.26*	807	0.16
EBR	1	1700	437	0.26	68	0.04
WBL	2	3400	108	0.03*	79	0.02
WBT	3	5100	593	0.12	1750	0.34*
WBR	1	1700	73	0.04	47	0.03
Adjustment			NBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.50		0.42

584 - Orchard Hills Dr. @ Portola Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	251	0.11*	98	0.06*
SBT	0		0		0	
SBR	1.5	2550	316	0.11	226	0.07
EBL	1	1700	74	0.04*	366	0.22*
EBT	3	5100	1350	0.26	732	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1181	0.23*	1175	0.23*
WBR	D	1700	51	0.03	256	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.56

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	96	0.04*	134	0.06*
NBR	0		32		55	
SBL	2	3400	491	0.14*	784	0.23*
SBT	1	1700	92	0.05	116	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	48	0.03*	62	0.04*
WBT	0		0		0	
WBR	2	3400	1273	0.37	430	0.13
Adjustment			WBR	0.23		
Overlaps				Clearance		0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	166	0.10*	225	0.13*
NBT	3	3400	261	0.08	949	0.20
NBR	0	1700	141	0.08	93	
SBL	1	1700	3	0.00	2	0.00
SBT	3	5100	1142	0.32*	340	0.10*
SBR	0		479		400	0.24
EBL	1	1700	474	0.28*	459	0.27*
EBT	1	1700	184	0.19	230	0.26
EBR	0		140		211	
WBL	1	1700	71	0.04	28	0.02
WBT	1	1700	242	0.14*	154	0.09*
WBR	0		3		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.89		0.64

595 - Skyhawk @ Great Park Blvd
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	154	
NBT	2	1700	0		0	0.09*
NBR	0	1700	303	0.18	777	0.46
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	984	0.29*	433	0.13
EBR	0		0		22	
WBL	0		352	*	265	
WBT	2	3400	327	0.20	1015	0.38*
WBR	0		0		0	
Adjustment			NBR	0.18	NBR	0.18
Overlaps				Clearance		0.05
Total ICU				0.52		0.70

637 - Sterling @ Muirlands Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	90	0.05*
NBT	1	1700	62	0.04*	8	0.03
NBR	0		4		37	
SBL	1	1700	7	0.00*	62	0.04
SBT	1	1700	3	0.01	84	0.07*
SBR	0		11		37	
EBL	1	1700	65	0.04*	3	0.00
EBT	2	3400	277	0.10	945	0.31*
EBR	0		78		119	
WBL	1	1700	4	0.00	10	0.01*
WBT	2	3400	519	0.17*	263	0.08
WBR	0		49		6	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.30		0.49

640 - Thomas @ Muirlands Bl.
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	29	0.02	50	0.03*
NBT	1	1700	32	0.02*	8	0.00
NBR	D	1700	6	0.00	25	0.01
SBL	1	1700	15	0.01*	31	0.02
SBT	1	1700	8	0.00	21	0.01*
SBR	D	1700	3	0.00	35	0.02
EBL	1	1700	17	0.01*	3	0.00
EBT	2	3400	182	0.05	948	0.28*
EBR	D	1700	63	0.04	78	0.05
WBL	1	1700	57	0.03	1	0.00*
WBT	2	3400	625	0.18*	275	0.08
WBR	D	1700	20	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.37

641 - Thomas @ Rockfield
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	24	0.01*	308	0.18*
SBT	1	1700	0	0.01	0	0.03
SBR	0		18		45	
EBL	1	1700	58	0.03*	74	0.04*
EBT	2	3400	6	0.00	102	0.03
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	177	0.10*	69	0.02*
WBR	0	1700	216	0.13	14	
Adjustment			WBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.21		0.29

655 - Ridge Valley @ Corsair
Long Range Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	44	0.03
NBT	2	3400	70	0.03	597	0.22*
NBR	0		36		135	
SBL	1	1700	15	0.01	26	0.02*
SBT	2	3400	412	0.12*	162	0.05
SBR	D	1700	16	0.01	0	
EBL	1	1700	11	0.01	0	
EBT	1	1700	0	0.05*	1	0.01*
EBR	0		86		24	
WBL	1	1700	87	0.05*	68	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	22	0.01	13	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Long Range Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	176	0.10*	1	0.00*
SBT	0		0		0	
SBR	1.5	2550	659	0.25	453	0.13
EBL	2	3400	1127	0.33*	1406	0.41*
EBT	1	1700	605	0.36	113	0.07
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	183	0.08*	839	0.25*
WBR	0		91		24	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.71

581 - Lynx @ Irvine Bl.

Long Range Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	8	0.00*	7	0.00
NBT	1	1700	0		0	*
NBR	1	1700	119	0.07	55	0.03
SBL	1	1700	9	0.01	9	0.01*
SBT	1	1700	0	0.00*	0	0.00
SBR	0		1		1	
EBL	1	1700	1	0.00	0	*
EBT	3	5100	2666	0.52*	985	0.19
EBR	1	1700	5	0.00	5	0.00
WBL	1	1700	40	0.02*	89	0.05
WBT	3	5100	1284	0.25	2403	0.47*
WBR	0		9		10	
Adjustment			NBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.65		0.53

ITAM ICU Intersection Report
Long Range Approved Plus Project

16 - Newport Av. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	107	0.06*	154	0.09
NBT	3	5100	438	0.09	1021	0.20*
NBR	1	1700	181	0.11	356	0.21
SBL	1	1700	159	0.09	104	0.06*
SBT	3	5100	1464	0.29*	485	0.10
SBR	D	1700	220	0.13	246	0.14
EBL	2	3400	113	0.03	224	0.07*
EBT	3	5100	845	0.17*	913	0.18
EBR	D	1700	62	0.04	83	0.05
WBL	2	3400	329	0.10*	144	0.04
WBT	3	5100	965	0.19	937	0.18*
WBR	D	1700	19	0.01	17	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.67 0.56

34 - Red Hill Av. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	236	0.07*	805	0.24*
NBT	1	1700	173	0.10	402	0.24
NBR	1	1700	114	0.07	132	0.08
SBL	2	3400	175	0.05	127	0.04
SBT	2	3400	416	0.12*	187	0.06*
SBR	D	1700	111	0.07	67	0.04
EBL	1	1700	39	0.02	74	0.04*
EBT	3	5100	1045	0.27*	1314	0.30
EBR	0		343		233	
WBL	1	1700	198	0.12*	245	0.14
WBT	3	5100	1498	0.31	2233	0.46*
WBR	0		76		99	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.63 0.85

54 - Browning Av. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	98	0.06*	188	0.11*
NBT	1	1700	96	0.06	59	0.03
NBR	1	1700	35	0.02	43	0.03
SBL	0		45		12	
SBT	1	1700	79	0.07*	11	0.01*
SBR	D	1700	97	0.06	32	0.02
EBL	1	1700	53	0.03*	38	0.02*
EBT	2	3400	1453	0.43	1335	0.39
EBR	D	1700	127	0.07	66	0.04
WBL	1	1700	42	0.02	40	0.02
WBT	2	3400	1700	0.50*	2090	0.61*
WBR	D	1700	37	0.02	31	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.71 0.80

91 - Tustin Ranch Rd. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	197	0.06*	526	0.15*
NBT	3	5100	515	0.10	852	0.17
NBR	1	1700	202	0.12	300	0.18
SBL	2	3400	296	0.09	119	0.04
SBT	3	5100	1409	0.28*	418	0.08*
SBR	1	1700	480	0.28	264	0.16
EBL	2	3400	176	0.05*	271	0.08*
EBT	3	5100	861	0.17	884	0.17
EBR	1	1700	456	0.27	227	0.13
WBL	2	3400	331	0.10	130	0.04
WBT	3	5100	1123	0.22*	1369	0.27*
WBR	1	1700	177	0.10	263	0.15

Adjustment EBR 0.05
Overlaps N S Clearance 0.05

Total ICU 0.71 0.63

123 - Jamboree Rd. @ Tustin Ranch Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	122	0.07*	27	0.02
NBT	2	3400	329	0.10	2146	0.63*
NBR	1	1700	12	0.01	5	0.00
SBL	1	1700	15	0.01	0	*
SBT	2	3400	2143	0.63*	469	0.14
SBR	1	1700	333	0.20	52	0.03
EBL	2	3400	67	0.02*	288	0.08*
EBT	1	1700	11	0.01	2	0.00
EBR	1	1700	20	0.01	6	0.00
WBL	1	1700	10	0.01	32	0.02
WBT	1	1700	4	0.00*	23	0.01*
WBR	1	1700	7	0.00	44	0.03

Adjustment WBR 0.02
Overlaps Clearance 0.05

Total ICU 0.77 0.79

124 - Jamboree Rd. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	35	0.01*	118	0.03
NBT	3	5100	203	0.04	1219	0.24*
NBR	F		155		230	
SBL	2	3400	610	0.18	234	0.07*
SBT	3	5100	1337	0.26*	359	0.07
SBR	D	1700	7	0.00	10	0.01
EBL	1	1700	8	0.00	23	0.01*
EBT	2	3400	208	0.06*	269	0.08
EBR	D	1700	67	0.04	91	0.05
WBL	1	1700	271	0.16*	185	0.11
WBT	2	3400	367	0.11	669	0.20*
WBR	2	3400	213	0.06	1013	0.30

Adjustment WBR 0.05
Overlaps Clearance 0.05

Total ICU 0.54 0.62

125 - Jamboree Rd. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	186	0.05*	482	0.14
NBT	3	5100	477	0.09	1725	0.34*
NBR	1	1700	129	0.08	447	0.26
SBL	2	3400	315	0.09	189	0.06*
SBT	3	5100	2419	0.47*	729	0.14
SBR	F		161		76	
EBL	2	3400	132	0.04	276	0.08*
EBT	3	5100	832	0.16*	991	0.19
EBR	1	1700	394	0.23	290	0.17
WBL	2	3400	596	0.18*	320	0.09
WBT	3	5100	1084	0.21	1440	0.28*
WBR	D	1700	184	0.11	386	0.23
Adjustment			EBR	0.03		
Overlaps					Clearance	0.05
Total ICU				0.94		0.81

126 - Jamboree Rd. @ Bryan Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	63	0.02*	337	0.10
NBT	4	6800	538	0.08	2242	0.33*
NBR	1	1700	91	0.05	389	0.23
SBL	2	3400	118	0.03	162	0.05*
SBT	4	6800	2628	0.39*	976	0.14
SBR	D	1700	85	0.05	230	0.14
EBL	2	3400	70	0.02	232	0.07*
EBT	2	3400	237	0.07*	402	0.12
EBR	D	1700	241	0.14	170	0.10
WBL	2	3400	493	0.14*	294	0.09
WBT	2	3400	332	0.10	822	0.24*
WBR	1	1700	67	0.04	271	0.16
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.72		0.74

127 - Jamboree Rd. @ El Camino Real
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	186	0.05*	781	0.23
NBT	4	6800	697	0.10	2582	0.38*
NBR	1	1700	630	0.37	397	0.23
SBL	1	1700	204	0.12	65	0.04*
SBT	4	6800	3116	0.46*	1043	0.15
SBR	1	1700	85	0.05	246	0.14
EBL	1	1700	47	0.03	252	0.15*
EBT	1	1700	149	0.09*	155	0.09
EBR	2	3400	291	0.09	391	0.12
WBL	2	3400	480	0.14*	512	0.15
WBT	2	3400	113	0.06	318	0.14*
WBR	0		80		164	
Adjustment						
Overlaps	E				Clearance	0.05
Total ICU				0.79		0.76

128 - Jamboree Rd. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1118	0.16	2894	0.43*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3264	0.48*	1578	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1072	0.32*	442	0.26*
WBT	0		0		0	
WBR	1.5	1700	382	0.22	1059	0.31
Adjustment					WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.85		0.79

129 - Jamboree Rd. @ I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1143	0.17	2604	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3496	0.51*	1505	0.22
SBR	F		0		0	
EBL	2	3400	498	0.15*	601	0.18*
EBT	0		0		0	
EBR	2	3400	773	0.23	626	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.79		0.61

131 - Jamboree Rd. SB @ Walnut Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	332	0.10	326	0.10
SBT	2	3400	1019	0.30*	466	0.14*
SBR	1	1700	441	0.26	168	0.10
EBL	0		0		0	
EBT	3	5100	399	0.08*	714	0.14*
EBR	1	1700	322	0.19	420	0.25
WBL	2	3400	411	0.12*	422	0.12*
WBT	3	5100	574	0.11	1151	0.23
WBR	0		0		0	
Adjustment			EBR	0.11	EBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.66		0.56

132 - Jamboree Rd. NB @ Walnut Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	297	0.09	598	0.18
NBT	2	3400	360	0.11*	661	0.19*
NBR	D	1700	160	0.09	606	0.36
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	102	0.03*	266	0.08*
EBT	3	5100	627	0.12	739	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	683	0.13*	1065	0.21*
WBR	1	1700	285	0.17	316	0.19
Adjustment			WBR	0.04	NBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.36		0.59

133 - Jamboree Rd. @ Edinger Av.
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03	269	0.08*
NBT	0		0	*	0	
NBR	1	1700	66	0.04	207	0.12
SBL	2	3400	300	0.09*	262	0.08
SBT	0		0		0	*
SBR	F		840		435	
EBL	2	3400	257	0.08*	645	0.19*
EBT	3	5100	789	0.17	1150	0.25
EBR	0		102		128	
WBL	2	3400	225	0.07	144	0.04
WBT	3	5100	1191	0.23*	1595	0.31*
WBR	1	1700	259	0.15	312	0.18
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.45		0.63

135 - Jamboree Rd. NB @ Warner Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		16		7	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	35	0.02	117	0.07
EBL	1	1700	278	0.16*	788	0.46*
EBT	2	3400	509	0.15	915	0.27
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	511	0.15*	819	0.24*
WBR	D	1700	205	0.12	266	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.75

136 - Jamboree Rd. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	318	0.09*	469	0.14
NBT	5	8500	805	0.09	2971	0.35*
NBR	1	1700	138	0.08	123	0.07
SBL	2	3400	363	0.11	284	0.08*
SBT	4	6800	2749	0.40*	1184	0.17
SBR	F		2071		488	
EBL	3	5100	219	0.04*	1329	0.26*
EBT	2	3400	530	0.16	797	0.23
EBR	1	1700	167	0.10	288	0.17
WBL	2	3400	171	0.05	110	0.03
WBT	3	5100	1038	0.20*	786	0.15*
WBR	F		162		660	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.89

157 - SR-261 SB Ramps @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	379	0.22*	107	0.06*
SBT	0		0		0	
SBR	2	3400	146	0.04	58	0.02
EBL	0		0		0	*
EBT	3	5100	879	0.17*	750	0.15
EBR	1	1700	128	0.08	43	0.03
WBL	2	3400	183	0.05*	66	0.02
WBT	3	5100	642	0.13	1836	0.36*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.47

158 - SR-261 NB Ramps @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	24	0.01*	35	0.02*
NBT	0		0		0	
NBR	0.5	1700	39	0.02	219	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	83	0.02	32	0.01*
EBT	3	5100	1133	0.22*	787	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	838	0.16	1936	0.38*
WBR	1	1700	140	0.08	419	0.25
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.29		0.46

159 - SR-261 SB Ramps @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	35	0.01*	49	0.01*
SBT	0		0		0	
SBR	1	1700	193	0.11	63	0.04
EBL	0		0	*	0	*
EBT	3	5100	957	0.19	1385	0.27
EBR	D	1700	103	0.06	36	0.02
WBL	2	3400	407	0.12	115	0.03
WBT	3	5100	1593	0.31*	2110	0.41*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.47		0.50

160 - SR-261 NB Ramps @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	14	0.01*	212	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	42	0.01	345	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	48	0.03*	89	0.05*
EBT	3	5100	818	0.16	1185	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1589	0.31*	1932	0.38*
WBR	1	1700	58	0.03	58	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.59

218 - Culver Dr. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	145	0.04*	468	0.14*
NBT	2	3400	161	0.05	240	0.07
NBR	1	1700	227	0.13	227	0.13
SBL	2	3400	86	0.03	88	0.03
SBT	2	3400	334	0.10*	237	0.07*
SBR	1	1700	128	0.08	140	0.08
EBL	2	3400	105	0.03	131	0.04*
EBT	3	5100	771	0.15*	465	0.09
EBR	1	1700	303	0.18	175	0.10
WBL	2	3400	265	0.08*	173	0.05
WBT	3	5100	538	0.11	1776	0.35*
WBR	1	1700	52	0.03	75	0.04
Adjustment						
Overlaps	N S E				Clearance	0.05
Total ICU				0.42		0.65

220 - Culver Dr. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	327	0.10
NBT	3	5100	435	0.09	1186	0.23*
NBR	1	1700	191	0.11	423	0.25
SBL	2	3400	191	0.06	184	0.05*
SBT	3	5100	1339	0.26*	627	0.12
SBR	D	1700	198	0.12	141	0.08
EBL	2	3400	75	0.02	217	0.06*
EBT	3	5100	539	0.11*	725	0.14
EBR	D	1700	248	0.15	149	0.09
WBL	2	3400	516	0.15*	306	0.09
WBT	3	5100	897	0.18	1490	0.29*
WBR	D	1700	52	0.03	182	0.11
Adjustment						
Overlaps	N				Clearance	0.05
Total ICU				0.62		0.68

221 - Culver Dr. @ Bryan Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	225	0.07*	647	0.19
NBT	3	5100	706	0.14	1868	0.37*
NBR	1	1700	201	0.12	395	0.23
SBL	2	3400	72	0.02	66	0.02*
SBT	3	5100	2091	0.41*	978	0.19
SBR	D	1700	194	0.11	117	0.07
EBL	2	3400	98	0.03	167	0.05*
EBT	1.5	2550	209	0.10*	406	0.16
EBR	1.5	2550	314	0.10	430	0.16
WBL	2	3400	403	0.12*	230	0.07
WBT	2	3400	315	0.12	539	0.18*
WBR	0		84		84	
Adjustment						
Overlaps	N				Clearance	0.05
Total ICU				0.75		0.67

222 - Culver Dr. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	792	0.16	2429	0.48*
NBR	F		652		941	
SBL	1	1700	112	0.07	94	0.06*
SBT	3	5100	2071	0.41*	1238	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	804	0.24*	697	0.21*
WBT	0		0		0	
WBR	2	3400	306	0.09	672	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.80

223 - Culver Dr. @ I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1090	0.16	2238	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2361	0.46*	1564	0.31
SBR	F		0		0	
EBL	3	5100	374	0.07*	1136	0.22*
EBT	0		0		0	
EBR	2	3400	579	0.17	713	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.68		0.60

224 - Culver Dr. @ Walnut Av.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	80	0.02*	224	0.07
NBT	3	5100	794	0.16	1651	0.32*
NBR	1	1700	257	0.15	306	0.18
SBL	2	3400	200	0.06	268	0.08*
SBT	3	5100	1897	0.37*	1246	0.24
SBR	1	1700	446	0.26	408	0.24
EBL	2	3400	364	0.11*	601	0.18*
EBT	2	3400	418	0.12	593	0.17
EBR	1	1700	124	0.07	108	0.06
WBL	2	3400	355	0.10	294	0.09
WBT	2	3400	522	0.15*	692	0.20*
WBR	1	1700	335	0.20	251	0.15
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.70		0.83

226 - Culver Dr. @ ICD
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	244	0.07*	313	0.09
NBT	4	6800	744	0.11	1454	0.21*
NBR	F		391		521	
SBL	2	3400	206	0.06	230	0.07*
SBT	4	6800	1925	0.28*	1153	0.17
SBR	1	1700	219	0.13	170	0.10
EBL	2	3400	109	0.03	212	0.06*
EBT	3	5100	804	0.16*	1003	0.20
EBR	F		275		369	
WBL	2	3400	513	0.15*	341	0.10
WBT	3	5100	1158	0.23	1861	0.36*
WBR	F		160		207	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.75

227 - Culver Dr. @ Warner Av.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	40	0.02*	112	0.07
NBT	3	5100	885	0.17	2197	0.43*
NBR	1	1700	133	0.08	185	0.11
SBL	1	1700	175	0.10	125	0.07*
SBT	3	5100	2366	0.46*	1593	0.31
SBR	D	1700	132	0.08	194	0.11
EBL	2	3400	131	0.04	167	0.05
EBT	2	3400	237	0.07*	228	0.07*
EBR	D	1700	102	0.06	139	0.08
WBL	1	1700	211	0.12*	83	0.05*
WBT	2	3400	278	0.08	167	0.05
WBR	D	1700	230	0.14	145	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.67

228 - Culver Dr. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	220	0.06*	201	0.06
NBT	3	5100	783	0.15	1693	0.33*
NBR	1	1700	295	0.17	275	0.16
SBL	2	3400	397	0.12	201	0.06*
SBT	3	5100	1881	0.37*	1365	0.27
SBR	F		432		252	
EBL	2	3400	147	0.04*	612	0.18*
EBT	2	3400	621	0.18	911	0.27
EBR	1	1700	212	0.12	372	0.22
WBL	2	3400	188	0.06	258	0.08
WBT	2	3400	883	0.26*	787	0.23*
WBR	D	1700	109	0.06	217	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.85

229 - Culver Dr. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	215	0.06
NBT	4	6800	1102	0.16	1990	0.29*
NBR	1	1700	240	0.14	418	0.25
SBL	2	3400	108	0.03	247	0.07*
SBT	3	5100	1829	0.36*	1318	0.26
SBR	F		356		365	
EBL	2	3400	181	0.05*	271	0.08
EBT	3	5100	466	0.13	879	0.21*
EBR	0		206		216	
WBL	2	3400	301	0.09	281	0.08*
WBT	2	3400	785	0.23*	734	0.22
WBR	1	1700	217	0.13	248	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.74		0.70

232 - Culver Dr. @ I-405 NB Ramps
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1453	0.28	2400	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1695	0.33*	1785	0.35
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	578	0.17*	384	0.15*
WBT	0		0		0	
WBR	1.5	1700	250	0.15	368	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.67

233 - Culver Dr. @ I-405 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1658	0.33	1731	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1895	0.37*	1611	0.32
SBR	F		0		0	
EBL	1.5	2550	621	0.21*	967	0.28*
EBT	0		0		0	
EBR	1.5	2550	467	0.21	376	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.67

235 - Culver Dr. @ University Dr.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	74	0.02*	58	0.02*
NBT	4	6800	1257	0.18	1448	0.21
NBR	2	3400	722	0.21	903	0.27
SBL	2	3400	55	0.02	56	0.02
SBT	3	5100	1208	0.24*	1230	0.24*
SBR	D	1700	384	0.23	152	0.09
EBL	2	3400	79	0.02	246	0.07
EBT	3	5100	995	0.20*	1242	0.24*
EBR	D	1700	69	0.04	68	0.04
WBL	2	3400	756	0.22*	727	0.21*
WBT	3	5100	1364	0.28	644	0.14
WBR	0		67		56	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.73		0.76

243 - Yale Av. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	68	0.04	66	0.04
NBT	2	1700	127	0.07*	57	0.03*
NBR	0	1700	152	0.09	113	0.07
SBL	1	1700	111	0.07*	84	0.05*
SBT	1	1700	88	0.05	55	0.03
SBR	D	1700	146	0.09	133	0.08
EBL	1	1700	148	0.09	102	0.06*
EBT	3	5100	836	0.16*	590	0.12
EBR	D	1700	80	0.05	79	0.05
WBL	1	1700	209	0.12*	157	0.09
WBT	3	5100	694	0.14	1797	0.35*
WBR	D	1700	133	0.08	95	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.47		0.54

249 - Yale Av. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	102	0.06*	267	0.16*
NBT	2	3400	270	0.08	335	0.10
NBR	D	1700	120	0.07	128	0.08
SBL	2	3400	274	0.08	154	0.05
SBT	2	3400	460	0.14*	159	0.05*
SBR	D	1700	298	0.18	150	0.09
EBL	1	1700	106	0.06*	248	0.15*
EBT	3	5100	662	0.15	935	0.21
EBR	0		101		131	
WBL	1	1700	164	0.10	89	0.05
WBT	3	5100	863	0.21*	1534	0.34*
WBR	0		188		223	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.75

252 - Yale Av. @ Bryan Av.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04*	179	0.11*
NBT	2	3400	238	0.07	449	0.13
NBR	D	1700	33	0.02	51	0.03
SBL	1	1700	26	0.02	36	0.02
SBT	2	3400	461	0.14*	301	0.09*
SBR	D	1700	68	0.04	73	0.04
EBL	1	1700	43	0.03*	126	0.07*
EBT	2	3400	182	0.05	434	0.13
EBR	D	1700	76	0.04	101	0.06
WBL	1	1700	49	0.03	38	0.02
WBT	2	3400	354	0.10*	536	0.16*
WBR	D	1700	20	0.01	50	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

255 - Yale Av. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	136	0.08*	113	0.07
NBT	2	3400	292	0.09	771	0.23*
NBR	D	1700	86	0.05	195	0.11
SBL	1	1700	127	0.07	91	0.05*
SBT	2	3400	503	0.15*	348	0.10
SBR	D	1700	218	0.13	71	0.04
EBL	1	1700	47	0.03	180	0.11*
EBT	2	3400	201	0.06*	367	0.11
EBR	D	1700	58	0.03	111	0.07
WBL	1	1700	161	0.09*	75	0.04
WBT	2	3400	385	0.11	316	0.09*
WBR	D	1700	63	0.04	154	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.53

259 - Yale Av. @ Walnut Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	207	0.06*	265	0.08
NBT	2	3400	241	0.11	744	0.26*
NBR	0		125		154	
SBL	1	1700	76	0.04	77	0.05*
SBT	2	3400	630	0.19*	249	0.07
SBR	1	1700	319	0.19	271	0.16
EBL	1	1700	207	0.12*	481	0.28*
EBT	2	3400	379	0.11	423	0.12
EBR	D	1700	381	0.22	170	0.10
WBL	1	1700	142	0.08	58	0.03
WBT	2	3400	364	0.11*	499	0.15*
WBR	D	1700	47	0.03	139	0.08
Adjustment			EBR	0.02		
Overlaps		S		Clearance		0.05
Total ICU				0.55		0.79

261 - Yale Av. @ ICD
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	143	0.08	110	0.06
NBT	2	3400	161	0.05*	329	0.10*
NBR	D	1700	236	0.14	149	0.09
SBL	1	1700	440	0.26*	143	0.08*
SBT	2	3400	399	0.12	143	0.04
SBR	D	1700	603	0.35	113	0.07
EBL	2	3400	186	0.05	454	0.13*
EBT	3	5100	1104	0.24*	1169	0.26
EBR	0		112		139	
WBL	1	1700	143	0.08*	150	0.09
WBT	3	5100	1019	0.20	2065	0.40*
WBR	1	1700	200	0.12	530	0.31
Adjustment			Multi	0.06		
Overlaps				Clearance		0.05
Total ICU				0.74		0.76

264 - W. Yale Lp. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	123	0.07	98	0.06
NBT	2	3400	135	0.04*	201	0.06*
NBR	D	1700	87	0.05	70	0.04
SBL	1	1700	228	0.13*	79	0.05*
SBT	2	3400	280	0.08	120	0.04
SBR	D	1700	302	0.18	73	0.04
EBL	2	3400	73	0.02	143	0.04*
EBT	2	3400	1012	0.30*	1126	0.33
EBR	D	1700	66	0.04	67	0.04
WBL	1	1700	62	0.04*	56	0.03
WBT	2	3400	792	0.26	1114	0.38*
WBR	0		75		162	
Adjustment			SBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.58		0.58

267 - E. Yale Lp. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	68	0.04	99	0.06
NBT	2	3400	129	0.04*	230	0.07*
NBR	D	1700	202	0.12	151	0.09
SBL	1	1700	356	0.21*	150	0.09*
SBT	2	3400	389	0.11	159	0.05
SBR	D	1700	150	0.09	87	0.05
EBL	1	1700	88	0.05*	154	0.09*
EBT	2	3400	657	0.19	921	0.27
EBR	D	1700	80	0.05	110	0.06
WBL	1	1700	186	0.11	91	0.05
WBT	2	3400	900	0.26*	986	0.29*
WBR	D	1700	232	0.14	344	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.59

268 - W. Yale Loop @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	204	0.12*	91	0.05*
NBT	2	3400	232	0.07	146	0.04
NBR	D	1700	308	0.18	185	0.11
SBL	1	1700	46	0.03	41	0.02
SBT	2	3400	173	0.05*	156	0.05*
SBR	D	1700	148	0.09	105	0.06
EBL	1	1700	68	0.04*	50	0.03
EBT	2	3400	688	0.20	1287	0.38*
EBR	D	1700	74	0.04	186	0.11
WBL	1	1700	69	0.04	232	0.14*
WBT	2	3400	987	0.29*	1068	0.31
WBR	D	1700	74	0.04	67	0.04
Adjustment			SBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.56		0.67

271 - E. Yale Lp. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	165	0.10*	102	0.06*
NBT	2	3400	301	0.09	140	0.04
NBR	D	1700	550	0.32	216	0.13
SBL	2	3400	186	0.05	148	0.04
SBT	2	3400	221	0.07*	142	0.04*
SBR	D	1700	145	0.09	98	0.06
EBL	1	1700	110	0.06	168	0.10
EBT	2	3400	759	0.28*	1117	0.37*
EBR	0		203		149	
WBL	2	3400	284	0.08*	381	0.11*
WBT	2	3400	979	0.29	1095	0.32
WBR	D	1700	141	0.08	112	0.07

Adjustment NBR 0.14
Overlaps Clearance 0.05

Total ICU 0.72 0.63

282 - Jeffrey Rd. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	458	0.13*	850	0.25*
NBT	2	3400	37	0.01	111	0.03
NBR	1	1700	181	0.11	253	0.15
SBL	2	3400	137	0.04	73	0.02
SBT	3	3400	161	0.05*	47	0.01*
SBR	0	1700	346	0.20	244	0.14
EBL	2	3400	140	0.04	203	0.06*
EBT	3	5100	684	0.13*	462	0.09
EBR	1	1700	806	0.47	301	0.18
WBL	2	3400	293	0.09*	218	0.06
WBT	3	5100	629	0.12	1128	0.22*
WBR	D	1700	51	0.03	148	0.09

Adjustment Multi 0.28 SBR 0.08
Overlaps E Clearance 0.05

Total ICU 0.73 0.67

283 - Jeffrey Rd. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	132	0.04*	344	0.10
NBT	3	5100	436	0.09	1055	0.21*
NBR	F		199		389	
SBL	2	3400	210	0.06	122	0.04*
SBT	3	5100	923	0.18*	404	0.08
SBR	1	1700	186	0.11	117	0.07
EBL	2	3400	75	0.02	183	0.05*
EBT	3	5100	675	0.13*	774	0.15
EBR	D	1700	202	0.12	139	0.08
WBL	2	3400	426	0.13*	227	0.07
WBT	3	5100	859	0.17	1414	0.28*
WBR	D	1700	140	0.08	239	0.14

Adjustment
Overlaps Clearance 0.05

Total ICU 0.53 0.63

284 - Jeffrey Rd. @ Bryan Av.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	510	0.15
NBT	3	5100	601	0.12	1524	0.30*
NBR	D	1700	88	0.05	331	0.19
SBL	2	3400	33	0.01	47	0.01*
SBT	3	5100	1344	0.26*	635	0.12
SBR	1	1700	143	0.08	136	0.08
EBL	1	1700	118	0.07	141	0.08*
EBT	0.5	850	94	0.08*	199	0.12
EBR	1.5	2550	191	0.08	138	0.08
WBL	2	3400	351	0.10*	143	0.04
WBT	1	1700	152	0.09	179	0.11*
WBR	D	1700	83	0.05	57	0.03

Adjustment
Overlaps Clearance 0.05

Total ICU 0.51 0.55

285 - Jeffrey Rd. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	72	0.02*	229	0.07
NBT	3	5100	632	0.12	2052	0.40*
NBR	1	1700	133	0.08	267	0.16
SBL	2	3400	274	0.08	74	0.02*
SBT	4	6800	1599	0.24*	787	0.12
SBR	1	1700	192	0.11	112	0.07
EBL	2	3400	85	0.03	232	0.07*
EBT	2	3400	209	0.06*	295	0.09
EBR	1	1700	159	0.09	127	0.07
WBL	2	3400	247	0.07*	189	0.06
WBT	2	3400	293	0.09	308	0.09*
WBR	1	1700	81	0.05	140	0.08

Adjustment EBR 0.01
Overlaps Clearance 0.05

Total ICU 0.45 0.63

286 - Jeffrey Rd. @ Roosevelt
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	206	0.06*	515	0.15
NBT	4	6800	518	0.08	2264	0.33*
NBR	1	1700	204	0.12	560	0.33
SBL	1	1700	65	0.04	74	0.04*
SBT	3	5100	1830	0.36*	879	0.17
SBR	D	1700	64	0.04	128	0.08
EBL	1	1700	38	0.02	171	0.10
EBT	0.5	850	93	0.13*	159	0.18*
EBR	1.5	2550	336	0.13	440	0.18
WBL	2	3400	867	0.26*	290	0.09*
WBT	1	1700	184	0.11	129	0.08
WBR	1	1700	310	0.18	124	0.07

Adjustment
Overlaps Clearance 0.05

Total ICU 0.86 0.69

287 - Jeffrey Rd. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	622	0.12	2309	0.45*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2238	0.44*	1177	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	830	0.24*	698	0.30*
WBT	0		0		0	
WBR	1.5	1700	358	0.21	808	0.30
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.80

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	96	0.03*	225	0.07
NBT	3	5100	635	0.12	1553	0.30*
NBR	1	1700	324	0.19	452	0.27
SBL	2	3400	845	0.25	512	0.15*
SBT	3	5100	2077	0.46*	1128	0.33
SBR	0		265		533	
EBL	2	3400	94	0.03	276	0.08
EBT	1.5	3400	514	0.15*	418	0.12*
EBR	1.5	1700	192	0.11	157	0.09
WBL	2	3400	343	0.10*	645	0.19*
WBT	1	1700	34	0.02	200	0.12
WBR	2	3400	151	0.04	958	0.28
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.79		0.81

289 - Jeffrey Rd. @ ICD
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	194	0.06*	362	0.11*
NBT	4	6800	614	0.09	1401	0.21
NBR	1	1700	168	0.10	160	0.09
SBL	3	5100	178	0.03	104	0.02
SBT	4	6800	1751	0.32*	950	0.19*
SBR	0		427		457	0.27
EBL	2	3400	243	0.07	362	0.11*
EBT	3	5100	1205	0.24*	777	0.15
EBR	F		321		268	
WBL	2	3400	183	0.05*	121	0.04
WBT	4	6800	763	0.11	1787	0.26*
WBR	1	1700	153	0.09	280	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.72

290 - Jeffrey Rd. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	225	0.07*
NBT	3	5100	993	0.25	1379	0.31
NBR	0		272		201	
SBL	2	3400	100	0.03	116	0.03
SBT	3	5100	1717	0.40*	1211	0.29*
SBR	0		330		256	
EBL	2	3400	275	0.08*	376	0.11*
EBT	2	3400	726	0.21	614	0.18
EBR	D	1700	244	0.14	213	0.13
WBL	2	3400	174	0.05	480	0.14
WBT	2	3400	791	0.23*	964	0.28*
WBR	1	1700	74	0.04	170	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.80

291 - Jeffrey Rd. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	434	0.13*	479	0.14*
NBT	3	5100	1036	0.20	1372	0.27
NBR	1	1700	254	0.15	339	0.20
SBL	2	3400	163	0.05	266	0.08
SBT	3	5100	1853	0.36*	1365	0.27*
SBR	D	1700	139	0.08	233	0.14
EBL	2	3400	236	0.07*	242	0.07*
EBT	2	3400	737	0.22	867	0.26
EBR	D	1700	549	0.32	381	0.22
WBL	3	5100	388	0.08	439	0.09
WBT	2	3400	875	0.26*	983	0.29*
WBR	D	1700	102	0.06	132	0.08
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.87		0.82

293 - Jeffrey Rd. @ I-405 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1076	0.21	1768	0.35*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1732	0.34*	1469	0.29
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1419	0.42*	967	0.28*
WBT	0		0		0	
WBR	1	1700	149	0.09	421	0.25
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.68

294 - University Dr. @ I-405 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1274	0.25	1667	0.33
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2758	0.54*	2182	0.43*
SBR	F		0		0	
EBL	2	3400	214	0.06*	258	0.08*
EBT	0		0		0	
EBR	1	1700	127	0.07	97	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.66		0.56

300 - Sand Canyon Av. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	227	0.07*	854	0.25*
NBT	1	1700	3	0.00	1	0.00
NBR	1	1700	166	0.10	458	0.27
SBL	0		2		3	
SBT	1	1700	2	0.00*	1	0.01*
SBR	0		2		5	
EBL	1	1700	7	0.00	1	0.00
EBT	2	3400	428	0.13*	402	0.12*
EBR	F		487		222	
WBL	2	3400	489	0.14*	167	0.05*
WBT	2	3400	585	0.17	564	0.17
WBR	0		7		1	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.39		0.48

301 - Sand Canyon Av. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	125	0.04*	197	0.06
NBT	3	5100	311	0.06	846	0.17*
NBR	2	3400	414	0.12	390	0.11
SBL	2	3400	345	0.10	222	0.07*
SBT	3	5100	661	0.13*	394	0.08
SBR	D	1700	154	0.09	115	0.07
EBL	2	3400	80	0.02	249	0.07*
EBT	4	6800	921	0.14*	951	0.14
EBR	1	1700	154	0.09	96	0.06
WBL	2	3400	592	0.17*	394	0.12
WBT	3	5100	999	0.20	1251	0.25*
WBR	1	1700	219	0.13	408	0.24
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.61

302 - Sand Canyon Av. @ Trabuco Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	18	0.01*	82	0.02
NBT	3	5100	502	0.10	1586	0.31*
NBR	F		384		583	
SBL	2	3400	253	0.07	252	0.07*
SBT	3	5100	1277	0.25*	667	0.13
SBR	1	1700	237	0.14	155	0.09
EBL	2	3400	154	0.05	138	0.04
EBT	3	5100	354	0.07*	329	0.06*
EBR	F		66		44	
WBL	2	3400	614	0.18*	255	0.08*
WBT	3	5100	495	0.10	414	0.08
WBR	D	1700	228	0.13	262	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.57

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	316	0.09	380	0.11
NBT	4	6800	536	0.08*	1318	0.19*
NBR	1	1700	520	0.31	653	0.38
SBL	2	3400	634	0.19*	516	0.15*
SBT	4	6800	1076	0.16	417	0.06
SBR	1	1700	96	0.06	75	0.04
EBL	2	3400	179	0.05	609	0.18
EBT	2	3400	346	0.10*	604	0.18*
EBR	1	1700	294	0.17	244	0.14
WBL	2	3400	1307	0.38*	659	0.19*
WBT	2	3400	468	0.14	474	0.14
WBR	1	1700	198	0.12	411	0.24
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.80		0.76

304 - Sand Canyon Av. @ Old Marine Wy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1494	0.22	2707	0.40*
NBR	D	1700	180	0.11	594	0.35
SBL	0		197		358	*
SBT	4	6800	2446	0.39*	1084	0.21
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		245		280	
WBT	0		0	*	0	*
WBR	1	1700	321	0.33	215	0.29
Adjustment			WBR	0.20	WBR	0.29
Overlaps					Clearance	0.05
Total ICU				0.64		0.74

305 - Sand Canyon Av. @ I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	810	0.12*	1754	0.26*
NBR	1	1700	77	0.05	325	0.19
SBL	2	3400	718	0.21*	496	0.15*
SBT	4	6800	1885	0.28	854	0.13
SBR	0		0		0	
EBL	2.5	3400	893	0.26*	1533	0.30*
EBT	0		0		0	
EBR	1.5	3400	1216	0.36	416	0.24
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.70		0.76

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03*	70	0.04
NBT	3	5100	471	0.09	1217	0.24*
NBR	1	1700	99	0.06	21	0.01
SBL	2	3400	728	0.21	82	0.02*
SBT	3	5100	2069	0.41*	683	0.13
SBR	D	1700	479	0.28	101	0.06
EBL	2	3400	52	0.02*	366	0.11*
EBT	1	1700	23	0.01	54	0.03
EBR	D	1700	35	0.02	61	0.04
WBL	2	3400	32	0.01	161	0.05
WBT	1	1700	59	0.03*	34	0.02*
WBR	F		92		647	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.44

307 - Sand Canyon Av. @ ICD
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	147	0.04*	183	0.05
NBT	3	5100	459	0.09	683	0.13*
NBR	1	1700	112	0.07	43	0.03
SBL	2	3400	420	0.12	174	0.05*
SBT	3	5100	1404	0.28*	615	0.12
SBR	1	1700	418	0.25	237	0.14
EBL	2	3400	200	0.06	248	0.07*
EBT	3	5100	861	0.17*	650	0.13
EBR	1	1700	91	0.05	124	0.07
WBL	2	3400	79	0.02*	185	0.05
WBT	3	5100	617	0.12	1256	0.25*
WBR	1	1700	137	0.08	244	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.55

309 - Sand Canyon Av. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	134	0.04*	217	0.06*
NBT	3	5100	905	0.18	648	0.13
NBR	D	1700	111	0.07	140	0.08
SBL	2	3400	36	0.01	64	0.02
SBT	3	5100	1009	0.20*	933	0.18*
SBR	D	1700	131	0.08	266	0.16
EBL	2	3400	154	0.05*	82	0.02*
EBT	2	3400	520	0.15	532	0.16
EBR	1	1700	176	0.10	124	0.07
WBL	2	3400	221	0.07	191	0.06
WBT	2	3400	663	0.20*	855	0.25*
WBR	1	1700	97	0.06	50	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.56

310 - Sand Canyon Av. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05	320	0.09*
NBT	3	5100	884	0.17*	445	0.09
NBR	2	3400	718	0.21	204	0.06
SBL	2	3400	278	0.08*	105	0.03
SBT	3	5100	839	0.16	995	0.20*
SBR	1	1700	103	0.06	196	0.12
EBL	2	3400	137	0.04*	101	0.03
EBT	3	5100	847	0.17	788	0.15*
EBR	1	1700	235	0.14	254	0.15
WBL	2	3400	447	0.13	723	0.21*
WBT	2	3400	982	0.29*	1092	0.32
WBR	1	1700	143	0.08	229	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.70

311 - Sand Canyon Av. @ I-405 NB Ramps
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1641	0.48*	693	0.20
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	505	0.15	838	0.25*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	57	0.03*	123	0.07*
WBT	0		0		0	
WBR	F		211		336	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.37

312 - Sand Canyon Av. @ I-405 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	*
NBT	2	3400	1148	0.34*	596	0.18
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	274	0.08	615	0.18*
SBR	F		0		0	
EBL	1.5	2550	1303	0.50*	403	0.23*
EBT	0		0		0	
EBR	0.5	850	382	0.50	376	0.23
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.89		0.46

313 - Laguna Canyon Rd. @ ICD
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	47	0.01	137	0.04*
NBT	2	3400	185	0.05*	84	0.02
NBR	D	1700	14	0.01	39	0.02
SBL	2	3400	43	0.01*	182	0.05
SBT	2	3400	78	0.02	136	0.04*
SBR	D	1700	29	0.02	214	0.13
EBL	2	3400	246	0.07*	32	0.01*
EBT	3	5100	801	0.16	843	0.17
EBR	D	1700	130	0.08	130	0.08
WBL	2	3400	55	0.02	13	0.00
WBT	3	5100	896	0.18*	1193	0.23*
WBR	D	1700	163	0.10	66	0.04
Adjustment						SBR 0.08
Overlaps						Clearance 0.05
Total ICU				0.36		0.45

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	67	0.02*	93	0.03*
NBT	2	3400	145	0.04	79	0.02
NBR	D	1700	23	0.01	180	0.11
SBL	2	3400	55	0.02	97	0.03
SBT	2	3400	152	0.04*	185	0.05*
SBR	D	1700	61	0.04	215	0.13
EBL	2	3400	62	0.02*	34	0.01*
EBT	2	3400	516	0.15	613	0.18
EBR	1	1700	82	0.05	85	0.05
WBL	2	3400	129	0.04	68	0.02
WBT	2	3400	846	0.25*	761	0.22*
WBR	D	1700	74	0.04	64	0.04
Adjustment						Multi 0.09
Overlaps						Clearance 0.05
Total ICU				0.38		0.45

315 - Laguna Canyon Rd. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	334	0.20*	228	0.13*
NBT	2	3400	219	0.06	137	0.04
NBR	D	1700	80	0.05	107	0.06
SBL	1	1700	16	0.01	102	0.06
SBT	2	3400	113	0.03*	255	0.08*
SBR	D	1700	32	0.02	105	0.06
EBL	2	3400	115	0.03*	19	0.01*
EBT	2	3400	753	0.22	849	0.25
EBR	1	1700	256	0.15	212	0.12
WBL	2	3400	155	0.05	100	0.03
WBT	2	3400	1315	0.39*	1024	0.30*
WBR	1	1700	40	0.02	29	0.02
Adjustment						
Overlaps						Clearance 0.05
Total ICU				0.70		0.57

316 - SR-133 SB Ramps @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	115	0.07*	278	0.16*
SBT	0		0		0	
SBR	2	3400	138	0.04	202	0.06
EBL	0		0		0	*
EBT	4	6800	1538	0.23*	1580	0.23
EBR	D	1700	253	0.15	102	0.06
WBL	2	3400	482	0.14*	193	0.06
WBT	3	5100	1521	0.30	2078	0.41*
WBR	0		0		0	
Adjustment						
Overlaps						Clearance 0.05
Total ICU				0.49		0.62

317 - SR-133 NB Ramps @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	212	0.12*	386	0.23*
NBT	0		0		0	
NBR	1	1700	4	0.00	279	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1644	0.32	1820	0.36
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1837	0.38*	1911	0.41*
WBR	0		109		155	
Adjustment						
Overlaps						Clearance 0.05
Total ICU				0.55		0.69

318 - Banting @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01*	24	0.01
NBT	1	1700	17	0.01	110	0.06*
NBR	1	1700	12	0.01	110	0.06
SBL	2	3400	713	0.21	152	0.04*
SBT	2	1700	534	0.31*	161	0.09
SBR	0	1700	762	0.45	142	
EBL	1	1700	58	0.03*	217	0.13*
EBT	2	3400	443	0.13	835	0.25
EBR	D	1700	17	0.01	25	0.01
WBL	1	1700	22	0.01	17	0.01
WBT	2	3400	696	0.20*	619	0.18*
WBR	F		108		823	
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.72		0.46

319 - Banting @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	13	0.01
NBT	1	1700	5	0.00	46	0.03*
NBR	1	1700	12	0.01	62	0.04
SBL	2	3400	119	0.04	131	0.04*
SBT	1	1700	64	0.04*	5	0.00
SBR	1	1700	331	0.19	42	0.02
EBL	2	3400	28	0.01*	41	0.01
EBT	2	3400	650	0.19	1139	0.34*
EBR	D	1700	35	0.02	5	0.00
WBL	1	1700	48	0.03	8	0.00*
WBT	2	3400	1404	0.41*	1029	0.30
WBR	D	1700	75	0.04	106	0.06
Adjustment			SBR	0.14	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.65		0.47

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1047	0.31*	275	0.08*
NBT	3	5100	2326	0.46	2526	0.50
NBR	1	1700	8	0.00	17	0.01
SBL	2	3400	56	0.02	104	0.03
SBT	3	5100	1800	0.35*	2347	0.46*
SBR	1	1700	642	0.38	412	0.24
EBL	3	5100	293	0.06*	428	0.08*
EBT	1	1700	58	0.03	64	0.04
EBR	F		163		694	
WBL	1	1700	10	0.01	10	0.01
WBT	2	3400	163	0.05*	29	0.01*
WBR	D	1700	94	0.06	76	0.04
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.82		0.68

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	805	0.24*	925	0.27
NBR	1	1700	99	0.06	39	0.02
SBL	1	1700	141	0.08*	275	0.16
SBT	3	5100	1473	0.29	2295	0.45*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	102	0.06*	22	0.01*
WBT	0		0		0	
WBR	1.5	3400	1672	0.49	1004	0.30
Adjustment			WBR	0.37	WBR	0.15
Overlaps					Clearance	0.05
Total ICU				0.80		0.66

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	821	0.24*	761	0.22
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	810	0.24	819	0.24*
SBR	F		0		0	
EBL	0.5	1700	128	0.08*	194	0.11*
EBT	0		0		0	
EBR	1.5	1700	51	0.03	82	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.40

324 - Portola Pkwy. @ SR-241 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		16		35	
NBT	1	1700	0	0.01*	0	0.02*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1	1700	0		0	
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	329	0.10*	165	0.05*
WBT	0		0		0	
WBR	0.5	0	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.16		0.12

325 - Portola Pkwy. @ SR-241 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	10	0.01	20	0.01
NBR	1	1700	103	0.06	309	0.18
SBL	1	1700	3	0.00	1	0.00
SBT	2	3400	328	0.10*	172	0.05*
SBR	0		0		0	
EBL	0.5	850	13	0.01	17	0.01*
EBT	0		2	0.02*	1	
EBR	1.5	2550	39	0.02	11	0.01
WBL	0		0	*	0	
WBT	0		0		0	*
WBR	0		0		0	

Adjustment NBR 0.12
Overlaps Clearance 0.05

Total ICU 0.17 0.23

326 - Ada @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02*	58	0.03*
NBT	2	3400	73	0.02	71	0.02
NBR	D	1700	57	0.03	141	0.08
SBL	2	3400	61	0.02	100	0.03
SBT	1	1700	85	0.05*	124	0.07*
SBR	1	1700	18	0.01	61	0.04
EBL	1	1700	14	0.01*	45	0.03
EBT	2	3400	524	0.15	1140	0.34*
EBR	D	1700	149	0.09	56	0.03
WBL	1	1700	139	0.08	74	0.04*
WBT	2	3400	1115	0.33*	721	0.21
WBR	1	1700	43	0.03	38	0.02

Adjustment
Overlaps Clearance 0.05

Total ICU 0.46 0.53

327 - Barranca Pkwy. @ Technology
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	399	0.12*	57	0.02
NBT	2	3400	885	0.26	748	0.22*
NBR	1	1700	324	0.19	502	0.30
SBL	1	1700	97	0.06	177	0.10*
SBT	2	3400	746	0.22*	813	0.24
SBR	1	1700	177	0.10	41	0.02
EBL	2	3400	35	0.01*	209	0.06
EBT	2	3400	66	0.02	253	0.07*
EBR	D	1700	39	0.02	413	0.24
WBL	2	3400	169	0.05	438	0.13*
WBT	2	3400	320	0.09*	88	0.03
WBR	D	1700	100	0.06	99	0.06

Adjustment EBR 0.11
Overlaps Clearance 0.05

Total ICU 0.49 0.68

328 - Barranca Pkwy. @ I-5 HOV Ramp
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	29	0.02	79	0.05
NBT	2	3400	1468	0.43*	1239	0.36*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	959	0.19	1506	0.30
SBR	D	1700	14	0.01	140	0.08
EBL	1	1700	130	0.08*	89	0.05*
EBT	0		0		0	
EBR	1	1700	150	0.09	20	0.01
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.56 0.46

329 - Barranca Pkwy. @ ICD
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	148	0.04	29	0.01*
NBT	2	3400	831	0.24*	710	0.21
NBR	1	1700	115	0.07	152	0.09
SBL	2	3400	132	0.04*	230	0.07
SBT	2	3400	635	0.19	988	0.29*
SBR	1	1700	390	0.23	351	0.21
EBL	2	3400	206	0.06*	420	0.12*
EBT	3	5100	496	0.10	1082	0.21
EBR	1	1700	67	0.04	246	0.14
WBL	2	3400	210	0.06	256	0.08
WBT	3	5100	1330	0.26*	841	0.16*
WBR	1	1700	386	0.23	254	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.63

330 - Barranca Pkwy. @ Pacifica
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	184	0.11*	46	0.03*
NBT	2	3400	693	0.20	576	0.17
NBR	1	1700	385	0.23	496	0.29
SBL	1	1700	47	0.03	132	0.08
SBT	2	3400	643	0.19*	1233	0.36*
SBR	D	1700	197	0.12	16	0.01
EBL	2	3400	8	0.00*	97	0.03
EBT	2	1700	14	0.01	117	0.07*
EBR	0	1700	22	0.01	297	0.17
WBL	2	3400	198	0.06	262	0.08*
WBT	1	1700	194	0.11*	28	0.02
WBR	1	1700	393	0.23	174	0.10

Adjustment WBR 0.04 EBR 0.08
Overlaps Clearance 0.05

Total ICU 0.50 0.67

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	124	0.04*	433	0.13*
NBT	2	3400	189	0.06	190	0.06
NBR	D	1700	13	0.01	24	0.01
SBL	2	3400	122	0.04	55	0.02
SBT	2	3400	239	0.07*	126	0.04*
SBR	D	1700	48	0.03	447	0.26
EBL	1	1700	496	0.29*	161	0.09*
EBT	2	3400	371	0.11	67	0.02
EBR	1	1700	309	0.18	99	0.06
WBL	1	1700	14	0.01	10	0.01
WBT	1	1700	62	0.04*	192	0.11*
WBR	1	1700	59	0.03	131	0.08

Adjustment SBR 0.15
Overlaps Clearance 0.05

Total ICU 0.49 0.57

335 - Alton Pkwy. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	29	0.02	127	0.07
NBT	2	3400	29	0.01*	162	0.05*
NBR	F		346		692	
SBL	1	1700	177	0.10*	101	0.06*
SBT	2	3400	164	0.05	50	0.01
SBR	D	1700	2	0.00	3	0.00
EBL	2	3400	2	0.00	0	
EBT	2	3400	275	0.08*	132	0.04*
EBR	F		164		63	
WBL	2	3400	762	0.22*	286	0.08*
WBT	3	5100	119	0.02	192	0.04
WBR	F		92		149	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.46 0.28

336 - Alton Pkwy. @ SR-241 Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	184	0.11*	328	0.19*
NBT	3	5100	458	0.09	986	0.19
NBR	F		136		341	
SBL	1	1700	89	0.05	53	0.03
SBT	3	5100	887	0.17*	495	0.10*
SBR	F		285		193	
EBL	2	3400	159	0.05	221	0.07*
EBT	0		0	*	0	
EBR	F		492		157	
WBL	2	3400	423	0.12*	79	0.02
WBT	0		0		0	*
WBR	F		80		86	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.41

338 - Alton Pkwy. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	113	0.03*	385	0.11
NBT	3	5100	580	0.11	1436	0.28*
NBR	F		33		78	
SBL	2	3400	243	0.07	109	0.03*
SBT	3	5100	1639	0.32*	625	0.12
SBR	F		309		850	
EBL	2.5	4250	516	0.12*	348	0.09*
EBT	2.5	4250	494	0.12	379	0.09
EBR	1	1700	383	0.23	84	0.05
WBL	2	3400	121	0.04	63	0.02
WBT	3	5100	340	0.07*	573	0.11*
WBR	1	1700	53	0.03	196	0.12

Adjustment EBR 0.05
Overlaps E Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.64 0.56

339 - Alton Pkwy. @ Toledo Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03*	64	0.04
NBT	3	5100	620	0.12	1534	0.30*
NBR	F		91		200	
SBL	1	1700	112	0.07	61	0.04*
SBT	3	5100	1643	0.32*	708	0.14
SBR	0		10		11	
EBL	1	1700	21	0.01	6	0.00
EBT	1	1700	88	0.09*	48	0.06*
EBR	0		71		49	
WBL	1	1700	135	0.08*	69	0.04*
WBT	1	1700	61	0.04	49	0.03
WBR	1	1700	126	0.07	100	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03*	19	0.01
NBT	3	5100	993	0.19	1404	0.28*
NBR	F		295		386	
SBL	2	3400	154	0.05	79	0.02*
SBT	3	5100	1469	0.29*	996	0.20
SBR	0		23		6	
EBL	1	1700	3	0.00	23	0.01
EBT	1	1700	7	0.00*	32	0.02*
EBR	F		13		65	
WBL	2	3400	409	0.12*	311	0.09*
WBT	1	1700	40	0.02	7	0.00
WBR	1	1700	98	0.06	131	0.08

Adjustment
Overlaps Clearance 0.05

Total ICU 0.49 0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	10	0.01
NBT	3	5100	777	0.15	983	0.19*
NBR	1	1700	237	0.14	361	0.21
SBL	2	3400	125	0.04	96	0.03*
SBT	3	5100	1042	0.20*	716	0.14
SBR	F		1013		619	
EBL	2	3400	557	0.16*	687	0.20*
EBT	2	3400	248	0.08	470	0.14
EBR	0		13		5	
WBL	2	3400	189	0.06	132	0.04
WBT	2	3400	319	0.11*	291	0.12*
WBR	0		51		121	

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.53 0.59

342 - Technology Dr. E. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	18	0.01*	34	0.02*
NBT	1	1700	6	0.00	2	0.00
NBR	1	1700	82	0.05	373	0.22
SBL	1	1700	5	0.00	27	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		5		29	
EBL	1	1700	39	0.02	3	0.00
EBT	3	5100	1236	0.24*	1242	0.24*
EBR	D	1700	21	0.01	14	0.01
WBL	1	1700	281	0.17*	49	0.03*
WBT	3	5100	1306	0.26	1322	0.26
WBR	D	1700	27	0.02	2	0.00

Adjustment NBR 0.18
Overlaps Clearance 0.05

Total ICU 0.47 0.54

343 - Alton Pkwy. @ Ada
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	226	0.07*	138	0.04*
NBT	3	5100	1195	0.23	1124	0.22
NBR	D	1700	5	0.00	7	0.00
SBL	1	1700	9	0.01	18	0.01
SBT	3	5100	1173	0.23*	1308	0.26*
SBR	D	1700	128	0.08	101	0.06
EBL	1	1700	60	0.04*	121	0.07*
EBT	1	1700	45	0.03	18	0.01
EBR	1	1700	198	0.12	228	0.13
WBL	1	1700	6	0.00	15	0.01
WBT	1	1700	13	0.02*	26	0.02*
WBR	0		17		6	

Adjustment EBR 0.01 EBR 0.02
Overlaps Clearance 0.05

Total ICU 0.42 0.46

344 - Alton Pkwy. @ Technology Dr. W.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	708	0.21*	664	0.20*
NBT	3	5100	1189	0.23	797	0.16
NBR	1	1700	602	0.35	230	0.14
SBL	1	1700	34	0.02	45	0.03
SBT	4	6800	1115	0.16*	1150	0.17*
SBR	1	1700	238	0.14	368	0.22
EBL	1	1700	194	0.11*	432	0.25*
EBT	2	3400	132	0.04	210	0.06
EBR	2	3400	374	0.11	1110	0.33
WBL	2	3400	281	0.08	574	0.17
WBT	2	3400	209	0.06*	267	0.08*
WBR	D	1700	32	0.02	18	0.01

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.59 0.75

345 - Alton Pkwy. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2129	0.42*	1498	0.29
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1425	0.28	1602	0.31*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	812	0.24*	141	0.04*
WBT	0		0		0	
WBR	0.5	850	402	0.24	201	0.12

Adjustment WBR 0.06
Overlaps Clearance 0.05

Total ICU 0.71 0.46

346 - Alton Pkwy. @ Enterprise Dr.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1152	0.23	1466	0.29*
NBR	1	1700	58	0.03	230	0.14
SBL	1	1700	237	0.14	497	0.29*
SBT	3	5100	2078	0.41*	1283	0.25
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	203	0.06*	132	0.04*
WBT	0		0		0	
WBR	2	3400	1212	0.36	755	0.22

Adjustment WBR 0.13
Overlaps W Clearance 0.05

Total ICU 0.65 0.67

348 - Alton Pkwy. @ ICD

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	33	0.01
NBT	3	5100	450	0.09	674	0.13*
NBR	1	1700	107	0.06	198	0.12
SBL	2	3400	310	0.09	376	0.11*
SBT	3	5100	925	0.18*	683	0.13
SBR	1	1700	275	0.16	123	0.07
EBL	2	3400	96	0.03	279	0.08
EBT	3	5100	633	0.12*	1059	0.21*
EBR	1	1700	21	0.01	55	0.03
WBL	2	3400	315	0.09*	333	0.10*
WBT	3	5100	879	0.17	972	0.19
WBR	1	1700	536	0.32	524	0.31
Adjustment			WBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.52		0.60

350 - Alton Pkwy. @ Pacifica

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01*	187	0.06*
NBT	3	5100	532	0.10	912	0.18
NBR	D	1700	255	0.15	225	0.13
SBL	2	3400	26	0.01	53	0.02
SBT	2	3400	1236	0.36*	949	0.28*
SBR	1	1700	145	0.09	97	0.06
EBL	2	3400	118	0.03	85	0.03
EBT	2	3400	339	0.10*	138	0.04*
EBR	D	1700	121	0.07	41	0.02
WBL	1	1700	159	0.09*	185	0.11*
WBT	2	3400	174	0.05	380	0.11
WBR	D	1700	41	0.02	44	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.61		0.54

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	27	0.01*	112	0.03*
NBT	2	1700	5	0.00	85	0.04
NBR	0	1700	14	0.01	35	
SBL	2	3400	164	0.05	312	0.09
SBT	1	1700	551	0.32*	346	0.20*
SBR	F		1327		529	
EBL	1	1700	110	0.06*	465	0.27*
EBT	2	3400	94	0.03	179	0.05
EBR	1	1700	83	0.05	74	0.04
WBL	1	1700	10	0.01	37	0.02
WBT	2	3400	61	0.02*	246	0.07*
WBR	1	1700	8	0.00	94	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.62

356 - Pacifica @ ICD

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	20	0.01*	73	0.02
NBT	2	3400	17	0.01	68	0.02*
NBR	D	1700	239	0.14	599	0.35
SBL	2	3400	80	0.02	304	0.09*
SBT	2	3400	247	0.07*	64	0.02
SBR	1	1700	53	0.03	102	0.06
EBL	2	3400	39	0.01*	78	0.02
EBT	3	5100	887	0.17	1530	0.30*
EBR	D	1700	103	0.06	35	0.02
WBL	2	3400	293	0.09	237	0.07*
WBT	3	5100	1760	0.35*	1551	0.30
WBR	1	1700	151	0.09	139	0.08
Adjustment					NBR	0.28
Overlaps					Clearance	0.05
Total ICU				0.49		0.81

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	276	0.16	263	0.11*
NBT	0.5	1700	388	0.23*	117	0.11
NBR	F		32		146	
SBL	1	1700	13	0.01*	36	0.02
SBT	1	1700	19	0.01	138	0.08*
SBR	1	1700	35	0.02	202	0.12
EBL	1	1700	198	0.12*	230	0.14*
EBT	1	1700	63	0.04	255	0.15
EBR	F		299		645	
WBL	1	1700	18	0.01	106	0.06
WBT	2	1700	26	0.02*	262	0.08*
WBR	0	1700	35	0.02	24	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.46

358 - ICD @ Entertainment Wy.

Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2002	0.39*	1642	0.32
NBR	F		447		1109	
SBL	1	1700	14	0.01*	60	0.04
SBT	3	5100	964	0.19	1935	0.38*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	54	0.02*	393	0.12*
WBT	0		0		0	
WBR	F		319		338	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.55

359 - ICD @ I-405 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1594	0.23*	2262	0.33
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	825	0.16	1755	0.34*
SBR	F		0		0	
EBL	3	5100	861	0.17*	488	0.10*
EBT	0		0		0	
EBR	F		950		763	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.49

361 - Bake Pkwy. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	50	0.03*	148	0.09
NBT	1.5	2550	205	0.07	266	0.13*
NBR	1.5	2550	137	0.07	408	0.13
SBL	1	1700	127	0.07	225	0.13*
SBT	2	3400	393	0.12*	203	0.06
SBR	D	1700	297	0.17	141	0.08
EBL	2	3400	266	0.08*	271	0.08*
EBT	3	5100	396	0.08	805	0.16
EBR	D	1700	94	0.06	97	0.06
WBL	2	3400	553	0.16	293	0.09
WBT	2	3400	720	0.21*	574	0.17*
WBR	D	1700	93	0.05	44	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.56

362 - Bake Pkwy. @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	195	0.06	154	0.05
NBT	3	5100	1569	0.34*	1320	0.37*
NBR	0		150		566	
SBL	1	1700	99	0.06*	230	0.14*
SBT	3	5100	1023	0.20	1371	0.27
SBR	1	1700	113	0.07	157	0.09
EBL	2	3400	119	0.04	153	0.05
EBT	2.5	4250	251	0.06*	651	0.14*
EBR	1.5	2550	152	0.06	277	0.14
WBL	2	3400	642	0.19*	360	0.11*
WBT	4	6800	612	0.12	342	0.07
WBR	0		192		152	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.81

363 - Bake Pkwy. @ Toledo Wy.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	344	0.20*	101	0.06*
NBT	3	5100	1886	0.37	1855	0.36
NBR	D	1700	60	0.04	507	0.30
SBL	1	1700	71	0.04	73	0.04
SBT	3	5100	1621	0.32*	1886	0.37*
SBR	D	1700	124	0.07	29	0.02
EBL	2	3400	36	0.01*	103	0.03
EBT	2	3400	40	0.01	274	0.08*
EBR	1	1700	62	0.04	247	0.15
WBL	2	3400	334	0.10	66	0.02*
WBT	2	3400	261	0.10*	47	0.03
WBR	0		83		76	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.60

364 - Bake Pkwy. @ Jeronimo Rd.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	515	0.15	71	0.02
NBT	3	5100	2142	0.42*	2324	0.46*
NBR	D	1700	95	0.06	519	0.31
SBL	1	1700	74	0.04*	124	0.07*
SBT	4	6800	1873	0.29	1993	0.30
SBR	0		78		20	
EBL	2	3400	11	0.00	81	0.02
EBT	2	3400	71	0.02*	503	0.15*
EBR	1	1700	114	0.07	441	0.26
WBL	1	1700	446	0.26*	228	0.13*
WBT	3	5100	591	0.13	136	0.04
WBR	0		92		94	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.79		0.86

365 - Bake Pkwy. @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	305	0.09*	85	0.03
NBT	4	6800	2612	0.38	2756	0.41*
NBR	F		150		443	
SBL	2	3400	57	0.02	196	0.06*
SBT	4	6800	2396	0.35*	2500	0.37
SBR	F		113		38	
EBL	2	3400	14	0.00*	168	0.05
EBT	2	3400	93	0.03	719	0.21*
EBR	F		136		288	
WBL	2	3400	280	0.08	175	0.05*
WBT	2	3400	438	0.13*	156	0.05
WBR	F		82		95	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.78

366 - Bake Pkwy. @ Rockfield Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	233	0.07*	64	0.02
NBT	4	6800	2865	0.42	3363	0.49*
NBR	F		648		530	
SBL	2	3400	38	0.01	108	0.03*
SBT	4	6800	3016	0.44*	2742	0.40
SBR	1	1700	4	0.00	3	0.00
EBL	1	1700	1	0.00	9	0.01
EBT	2	3400	10	0.00*	44	0.01*
EBR	F		55		424	
WBL	2	3400	344	0.10*	697	0.21*
WBT	2	3400	39	0.01	30	0.01
WBR	F		61		86	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.79

367 - Bake Pkwy. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3321	0.49*	3178	0.47*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1033	0.20	1830	0.36
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	188	0.11*	96	0.06*
WBT	0		0		0	
WBR	3	5100	1068	0.21	636	0.12
Adjustment			WBR	0.10	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.75		0.64

368 - Bake Pkwy. @ I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	774	0.15	1371	0.27*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	788	0.15*	1104	0.22
SBR	F		0		0	
EBL	3	5100	2953	0.58*	2738	0.54*
EBT	0		0		0	
EBR	1	1700	611	0.36	93	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.86

371 - Bake Pkwy. @ Research Dr.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	20	0.01	3	0.00
NBT	3	5100	440	0.09*	391	0.08*
NBR	D	1700	24	0.01	10	0.01
SBL	2	3400	422	0.12*	239	0.07*
SBT	3	5100	453	0.09	608	0.12
SBR	1	1700	516	0.30	348	0.20
EBL	2	3400	129	0.04*	435	0.13*
EBT	2	3400	97	0.03	126	0.04
EBR	D	1700	17	0.01	20	0.01
WBL	1	1700	10	0.01	11	0.01
WBT	1	1700	96	0.06*	108	0.06*
WBR	1	1700	288	0.17	712	0.42
Adjustment			Multi	0.09	WBR	0.31
Overlaps				Clearance		0.05
Total ICU				0.45		0.70

372 - Bake Pkwy. @ ICD
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	159	0.05
NBT	3	5100	264	0.05*	146	0.03*
NBR	D	1700	82	0.05	45	0.03
SBL	2	3400	216	0.06*	366	0.11*
SBT	3	5100	193	0.04	243	0.05
SBR	D	1700	17	0.01	27	0.02
EBL	2	3400	20	0.01	16	0.00
EBT	3	5100	1106	0.22*	1283	0.25*
EBR	F		161		181	
WBL	2	3400	46	0.01*	130	0.04*
WBT	4	6800	895	0.13	1086	0.16
WBR	D	1700	214	0.13	247	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.48

373 - Lake Forest Dr. @ SR-241 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	152	0.04*	296	0.09
NBT	2	3400	656	0.19	959	0.28*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	584	0.17*	662	0.19
SBR	1	1700	101	0.06	170	0.10
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.26		0.33

374 - Lake Forest Dr. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	28	0.02	102	0.06
NBT	2	3400	154	0.05*	200	0.06*
NBR	D	1700	165	0.10	295	0.17
SBL	1	1700	186	0.11*	173	0.10*
SBT	2	3400	200	0.06	163	0.05
SBR	D	1700	4	0.00	22	0.01
EBL	2	3400	31	0.01*	17	0.01
EBT	3	5100	574	0.11	1320	0.26*
EBR	D	1700	65	0.04	77	0.05
WBL	2	3400	301	0.09	221	0.07*
WBT	3	5100	1292	0.25*	820	0.16
WBR	D	1700	299	0.18	158	0.09
Adjustment					NBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.47		0.60

375 - Lake Forest Dr. @ SR-241 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	2	3400	621	0.18	1077	0.32*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	634	0.19*	594	0.17
SBR	0		0		0	
EBL	2	3400	188	0.06*	161	0.05*
EBT	0		0		0	
EBR	1	1700	371	0.22	135	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR	0.16	
Overlaps					Clearance	0.05
Total ICU				0.46		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	195	0.06*	289	0.09
NBT	3	5100	774	0.15	1142	0.22*
NBR	1	1700	118	0.07	397	0.23
SBL	2	3400	222	0.07	365	0.11*
SBT	3	5100	1126	0.25*	1111	0.24
SBR	0		143		125	
EBL	2	3400	164	0.05	388	0.11
EBT	3	5100	543	0.11*	883	0.17*
EBR	1	1700	290	0.17	125	0.07
WBL	2	3400	467	0.14*	218	0.06*
WBT	3	5100	868	0.17	520	0.10
WBR	1	1700	389	0.23	305	0.18
Adjustment				EBR	0.01	
Overlaps					Clearance	0.05
Total ICU				0.62		0.61

377 - Lake Forest Dr. @ Toledo Wy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	84	0.05*	89	0.05
NBT	3	5100	1091	0.21	1722	0.34*
NBR	D	1700	84	0.05	151	0.09
SBL	1	1700	42	0.02	43	0.03*
SBT	3	5100	1601	0.31*	1409	0.28
SBR	D	1700	69	0.04	23	0.01
EBL	1	1700	24	0.01	126	0.07
EBT	2	1700	85	0.05*	387	0.14*
EBR	0	1700	96	0.06	98	
WBL	1	1700	142	0.08*	54	0.03*
WBT	2	3400	296	0.10	87	0.03
WBR	0		58		30	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.59

378 - Lake Forest Dr. @ Jeronimo Rd.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	109	0.06*	122	0.07
NBT	3	5100	828	0.16	1577	0.31*
NBR	1	1700	147	0.09	289	0.17
SBL	1	1700	187	0.11	166	0.10*
SBT	3	5100	1291	0.25*	1098	0.22
SBR	1	1700	289	0.17	172	0.10
EBL	1	1700	91	0.05*	213	0.13
EBT	2	3400	196	0.09	635	0.21*
EBR	0		103		84	
WBL	1	1700	339	0.20	42	0.02*
WBT	2	3400	712	0.31*	191	0.07
WBR	0		344		49	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.69

379 - Lake Forest Dr. @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	64	0.02*	45	0.01
NBT	4	6800	869	0.15	1768	0.30*
NBR	0		154		299	
SBL	2	3400	163	0.05	188	0.06*
SBT	3	5100	1400	0.27*	1095	0.21
SBR	1	1700	176	0.10	70	0.04
EBL	2	3400	59	0.02*	335	0.10
EBT	2	3400	174	0.05	924	0.27*
EBR	1	1700	36	0.02	108	0.06
WBL	2	3400	318	0.09	174	0.05*
WBT	2	3400	608	0.18*	304	0.09
WBR	1	1700	188	0.11	145	0.09
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.54		0.73

380 - Lake Forest Dr. @ Rockfield Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	490	0.14*	436	0.13
NBT	3	5100	903	0.18	1933	0.38*
NBR	1	1700	163	0.10	563	0.33
SBL	2	3400	117	0.03	177	0.05*
SBT	4	6800	1511	0.24*	1292	0.21
SBR	0		127		123	
EBL	2	3400	38	0.01	169	0.05
EBT	2	3400	141	0.04*	373	0.11*
EBR	2	3400	274	0.08	529	0.16
WBL	2	3400	432	0.13*	282	0.08*
WBT	2	3400	373	0.11	179	0.05
WBR	1	1700	122	0.07	100	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.67

381 - Lake Forest Dr. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	920	0.18	2405	0.47*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1234	0.24*	1214	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	483	0.14*	212	0.06*
WBT	0		0		0	
WBR	2	3400	484	0.14	484	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.66

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	739	0.12	1437	0.23*
NBR	0		58		112	
SBL	2	3400	349	0.10	463	0.14*
SBT	3	5100	1345	0.26*	865	0.17
SBR	F		0		0	
EBL	3	5100	678	0.13	1784	0.35*
EBT	0.5	850	305	0.29*	486	0.29
EBR	1.5	2550	686	0.29	258	0.15
WBL	2	3400	166	0.05*	114	0.03*
WBT	0		0		0	
WBR	2	3400	156	0.05	319	0.09

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.65 0.80

385 - Lake Forest Dr. @ ICD
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00	26	0.01
NBT	3	5100	262	0.05*	539	0.11*
NBR	1	1700	115	0.07	386	0.23
SBL	2	3400	789	0.23*	822	0.24*
SBT	3	5100	665	0.13	301	0.06
SBR	F		127		97	
EBL	2	3400	65	0.02	242	0.07
EBT	3	5100	691	0.14*	1466	0.29*
EBR	D	1700	19	0.01	15	0.01
WBL	2	3400	499	0.15*	176	0.05*
WBT	3	5100	1122	0.22	735	0.14
WBR	1	1700	391	0.23	330	0.19

Adjustment NBR 0.08
Overlaps Clearance 0.05

Total ICU 0.62 0.82

386 - Ridge Route Dr. @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	85	0.05*	115	0.07
NBT	2	3400	111	0.03	168	0.05*
NBR	D	1700	80	0.05	129	0.08
SBL	1	1700	120	0.07	146	0.09*
SBT	2	3400	232	0.07*	141	0.04
SBR	D	1700	112	0.07	81	0.05
EBL	1	1700	39	0.02*	56	0.03
EBT	2	3400	397	0.12	1267	0.37*
EBR	1	1700	44	0.03	40	0.02
WBL	1	1700	88	0.05	74	0.04*
WBT	2	3400	900	0.26*	528	0.16
WBR	1	1700	94	0.06	76	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.60

387 - Ridge Route Dr. @ Rockfield Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0.5	1700	52	0.03*	28	0.02*
NBT	1.5	1700	37	0.02	20	0.01
NBR	1	1700	32	0.02	32	0.02
SBL	0.5	1700	126	0.07*	96	0.06*
SBT	1.5	1700	31	0.02	29	0.02
SBR	D	1700	188	0.11	80	0.05
EBL	1	1700	68	0.04*	256	0.15
EBT	2	3400	273	0.08	1041	0.33*
EBR	0		14		80	
WBL	1	1700	22	0.01	21	0.01*
WBT	2	3400	507	0.18*	309	0.12
WBR	0		96		100	

Adjustment SBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.39 0.47

388 - Ridge Route Dr. @ Avenida Carlota
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	28	0.02*	55	0.03*
NBT	0		0		0	
NBR	1	1700	204	0.12	373	0.22
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	222	0.09*	1061	0.35*
EBR	0		75		125	
WBL	1	1700	219	0.13*	201	0.12*
WBT	2	3400	243	0.07	240	0.07
WBR	0		0		0	
Adjustment					NBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.29		0.65

389 - Ridge Route Dr. @ Moulton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	128	0.08
NBT	2	3400	135	0.04*	172	0.05*
NBR	1	1700	105	0.06	137	0.08
SBL	2	3400	124	0.04*	224	0.07*
SBT	2	3400	104	0.03	118	0.03
SBR	1	1700	35	0.02	43	0.03
EBL	2	3400	35	0.01*	51	0.02
EBT	3	5100	1149	0.23	2271	0.45*
EBR	1	1700	198	0.12	88	0.05
WBL	2	3400	110	0.03	104	0.03*
WBT	4	6800	1932	0.28*	1001	0.15
WBR	1	1700	167	0.10	132	0.08
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.42		0.66

390 - Paseo de Valencia @ Avenida Carlota
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	109	0.03*	188	0.06*
NBT	1	1700	26	0.02	85	0.05
NBR	1	1700	33	0.02	74	0.04
SBL	2.5	3400	778	0.23	788	0.18
SBT	1.5	3400	773	0.24*	371	0.18*
SBR	0		34		44	
EBL	2	3400	145	0.04*	366	0.11*
EBT	2	3400	239	0.07	569	0.17
EBR	1	1700	84	0.05	329	0.19
WBL	1	1700	16	0.01	20	0.01
WBT	2	3400	433	0.13*	308	0.09*
WBR	1	1700	571	0.34	504	0.30
Adjustment					WBR	0.02
Overlaps	N W				Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.49		0.51

391 - Santa Maria Av. @ Moulton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	126	0.07*	150	0.06*
NBT	0		0		0	
NBR	1.5	3400	287	0.08	180	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	1133	0.22	2551	0.50*
EBR	1	1700	149	0.09	123	0.07
WBL	1	1700	189	0.11	223	0.13*
WBT	3	5100	2155	0.42*	1056	0.21
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.74

392 - El Toro Rd. @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	82	0.02*	222	0.07
NBT	3	5100	950	0.19	1607	0.32*
NBR	1	1700	96	0.06	325	0.19
SBL	2	3400	294	0.09	179	0.05*
SBT	3	5100	1576	0.31*	1080	0.21
SBR	1	1700	435	0.26	117	0.07
EBL	2	3400	240	0.07*	278	0.08
EBT	2	3400	272	0.08	863	0.25*
EBR	1	1700	128	0.08	352	0.21
WBL	2	3400	336	0.10	332	0.10*
WBT	2	3400	673	0.20*	322	0.09
WBR	1	1700	328	0.19	185	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.77

393 - El Toro Rd. @ Rockfield Bl.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	423	0.12*	450	0.13*
NBT	4	6800	988	0.15	1656	0.24
NBR	D	1700	190	0.11	255	0.15
SBL	2	3400	164	0.05	150	0.04
SBT	4	6800	1719	0.26*	1494	0.23*
SBR	0		68		83	
EBL	2	3400	81	0.02	358	0.11
EBT	2	3400	213	0.06*	522	0.15*
EBR	F		193		259	
WBL	2	3400	425	0.13*	351	0.10*
WBT	2	3400	272	0.08	199	0.06
WBR	1	1700	141	0.08	117	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.66

394 - El Toro Rd. @ I-5 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	1022	0.27	1634	0.40*
NBR	1.5	2550	807	0.27	1093	0.40
SBL	0		0		0	*
SBT	5	8500	2321	0.27*	2251	0.26
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	539	0.24*	518	0.26*
WBT	0		0		0	
WBR	1.5	2550	676	0.24	819	0.26

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.56 0.71

396 - El Toro Rd. @ Avenida Carlota
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		3		1	
NBT	4	6800	1252	0.18*	1827	0.27*
NBR	D	1700	50	0.03	69	0.04
SBL	2	3400	83	0.02*	328	0.10*
SBT	3	5100	838	0.16	1089	0.21
SBR	1	1700	889	0.52	713	0.42
EBL	3	5100	620	0.12*	920	0.18*
EBT	2	3400	218	0.06	439	0.13
EBR	1	1700	147	0.09	76	0.04
WBL	0.5	850	39	0.06	33	0.03
WBT	1.5	2550	169	0.06*	69	0.03*
WBR	2	3400	251	0.07	639	0.19

Adjustment SBR 0.20 WBR 0.06
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.63 0.69

397 - El Toro Rd. @ Paseo de Valencia
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	49	0.01	143	0.04
NBT	3	5100	742	0.15*	1084	0.21*
NBR	1	1700	168	0.10	275	0.16
SBL	2	3400	315	0.09*	234	0.07*
SBT	3	5100	629	0.13	688	0.14
SBR	0		10		19	
EBL	1	1700	24	0.01	40	0.02
EBT	2	3400	547	0.16*	449	0.13*
EBR	1	1700	270	0.16	190	0.11
WBL	2	3400	240	0.07*	385	0.11*
WBT	2	3400	107	0.03	169	0.05
WBR	1	1700	306	0.18	472	0.28

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.52 0.57

398 - El Toro Rd. @ Moulton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	362	0.11*	300	0.09
NBT	3	5100	531	0.10	801	0.16*
NBR	1	1700	151	0.09	246	0.14
SBL	2	3400	316	0.09	301	0.09*
SBT	3	5100	620	0.12*	610	0.12
SBR	1	1700	214	0.13	225	0.13
EBL	2	3400	239	0.07*	305	0.09
EBT	3	5100	875	0.17	2273	0.45*
EBR	1	1700	264	0.16	454	0.27
WBL	2	3400	271	0.08	211	0.06*
WBT	3	5100	1902	0.37*	905	0.18
WBR	1	1700	299	0.18	303	0.18

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.72 0.81

399 - El Toro Rd. @ Aliso Creek Rd.
Long Range Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	442	0.09*	647	0.13*
NBR	F		859		1264	
SBL	1	1700	89	0.05*	230	0.14*
SBT	3	5100	658	0.13	473	0.09
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1275	0.38*	1018	0.30*
WBT	0		0		0	
WBR	1	1700	132	0.08	130	0.08

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.62

400 - El Toro Rd. @ SR-73 NB Ramps
Long Range Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1195	0.35*	1965	0.58*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	565	0.33	494	0.29
SBR	1.5	3400	1555	0.46	1009	0.30
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	110	0.03	82	0.02
WBT	2	3400	589	0.17*	213	0.06*
WBR	1	1700	47	0.03	45	0.03

Adjustment SBR 0.11
Overlaps Clearance 0.05

Total ICU 0.68 0.69

401 - El Toro Rd. @ SR-73 SB Ramps
Long Range Approved With Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	454	0.13	705	0.21*
NBR	1	1700	86	0.05	121	0.07
SBL	1	1700	40	0.02	41	0.02*
SBT	2	3400	641	0.19*	544	0.16
SBR	0		0		0	
EBL	1.5	3400	737	0.22*	1281	0.38*
EBT	1.5	1700	108	0.06	318	0.19
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.66

402 - I-5 NB Ramps @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	601	0.18*	908	0.27*
NBT	0		0		0	
NBR	1.5	1700	34	0.02	84	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	630	0.19*	830	0.24*
EBR	F		351		223	
WBL	1	1700	239	0.14*	200	0.12*
WBT	2	3400	501	0.15	407	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.68

403 - SR-241 NB Ramps @ Jeffrey Rd.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	731	0.43*	443	0.26*
NBT	2	3400	766	0.23	140	0.04
NBR	D	1700	139	0.08	22	0.01
SBL	1	1700	15	0.01	17	0.01
SBT	2	3400	94	0.03*	463	0.14*
SBR	D	1700	78	0.05	344	0.20
EBL	1	1700	308	0.18*	56	0.03
EBT	2	3400	56	0.02	9	0.00*
EBR	D	1700	356	0.21	239	0.14
WBL	1	1700	11	0.01	111	0.07*
WBT	2	3400	9	0.00*	82	0.02
WBR	D	1700	9	0.01	26	0.02
Adjustment						
Overlaps				SBR		0.02
				Clearance		0.05
Total ICU				0.69		0.54

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2474	0.49*	1855	0.36*
NBR	1	1700	193	0.11	188	0.11
SBL	2	3400	387	0.11*	604	0.18*
SBT	3	5100	1479	0.29	2095	0.41
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	252	0.07*	178	0.05*
WBT	0		0		0	
WBR	F		1147		913	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.64

409 - Bake Pkwy. @ Commercentre Dr.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04*	91	0.05
NBT	2	3400	951	0.28	1203	0.35*
NBR	D	1700	524	0.31	207	0.12
SBL	1	1700	38	0.02	12	0.01*
SBT	2	3400	1103	0.32*	884	0.26
SBR	D	1700	146	0.09	170	0.10
EBL	1	1700	122	0.07	103	0.06*
EBT	2	3400	328	0.11*	117	0.06
EBR	0		54		93	
WBL	2	3400	129	0.04*	490	0.14
WBT	1	1700	83	0.05	439	0.27*
WBR	0		7		16	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.56 — 0.74

410 - Bake Pkwy. @ Lake Forest Dr.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	160	0.05*	124	0.04*
SBT	0		0		0	
SBR	2	3400	100	0.03	402	0.12
EBL	2	3400	92	0.03*	110	0.03*
EBT	2	3400	277	0.08	712	0.21
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	788	0.23*	865	0.25*
WBR	D	1700	52	0.03	44	0.03

Adjustment — SBR 0.06
Overlaps — Clearance 0.05

Total ICU — 0.36 — 0.43

412 - Ridge Route Dr. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	184	0.11*	165	0.10*
NBT	0		0		0	
NBR	1	1700	234	0.14	240	0.14
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	649	0.13	1535	0.30*
EBR	D	1700	261	0.15	136	0.08
WBL	1	1700	183	0.11	131	0.08*
WBT	3	5100	1515	0.30*	855	0.17
WBR	0		0		0	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.46 — 0.53

413 - Ridge Route Dr. @ Toledo Wy.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	19	0.01
NBT	2	3400	238	0.11	272	0.09*
NBR	0		127		41	
SBL	1	1700	108	0.06	98	0.06*
SBT	2	3400	399	0.14*	192	0.07
SBR	0		89		46	
EBL	1	1700	31	0.02	79	0.05
EBT	2	3400	150	0.05*	423	0.13*
EBR	0		34		17	
WBL	1	1700	191	0.11*	16	0.01*
WBT	2	3400	275	0.10	94	0.04
WBR	0		50		50	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.38 — 0.34

414 - Ridge Route Dr. @ Jeronimo Rd.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	98	0.06*	39	0.02
NBT	2	3400	218	0.06	262	0.08*
NBR	D	1700	112	0.07	88	0.05
SBL	1	1700	117	0.07	35	0.02*
SBT	2	3400	309	0.09*	174	0.05
SBR	D	1700	260	0.15	29	0.02
EBL	1	1700	101	0.06*	74	0.04
EBT	2	3400	334	0.14	1051	0.33*
EBR	0		138		70	
WBL	1	1700	84	0.05	79	0.05*
WBT	2	3400	919	0.29*	333	0.12
WBR	0		62		67	

Adjustment — SBR 0.01
Overlaps — Clearance 0.05

Total ICU — 0.56 — 0.53

415 - Glenn Ranch Rd. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	80	0.05	109	0.06
NBT	2	1700	25	0.01*	47	0.03*
NBR	0	1700	57	0.03	97	0.06
SBL	2	3400	361	0.11*	335	0.10*
SBT	2	3400	80	0.02	40	0.01
SBR	F		1028		497	
EBL	2	3400	309	0.09*	1197	0.35*
EBT	3	5100	508	0.10	1192	0.23
EBR	1	1700	106	0.06	94	0.06
WBL	2	3400	129	0.04	55	0.02
WBT	3	5100	1287	0.25*	570	0.11*
WBR	1	1700	330	0.19	306	0.18

Adjustment
Overlaps — W — Clearance 0.05

Total ICU — 0.51 — 0.64

416 - Portola Pkwy .East @ SR-241 Ramps
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	387	0.11	171	0.05
NBT	3	5100	1084	0.21*	726	0.14*
NBR	F		87		287	
SBL	2	3400	160	0.05*	424	0.12*
SBT	3	5100	590	0.12	1059	0.21
SBR	F		188		123	
EBL	1	1700	130	0.08*	118	0.07*
EBT	0		0		0	
EBR	F		160		367	
WBL	2	3400	218	0.06	126	0.04
WBT	0		0	*	0	*
WBR	F		484		158	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.38

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	328	0.19*	292	0.17*
NBT	3	5100	195	0.04	663	0.13
NBR	F		379		687	
SBL	1	1700	33	0.02	12	0.01
SBT	3	5100	830	0.16*	223	0.04*
SBR	1	1700	476	0.28	150	0.09
EBL	2	3400	79	0.02	387	0.11
EBT	3	5100	765	0.15*	1582	0.31*
EBR	1	1700	245	0.14	451	0.27
WBL	2	3400	519	0.15*	471	0.14*
WBT	4	6800	1557	0.23	873	0.13
WBR	D	1700	26	0.02	56	0.03
Adjustment			SBR	0.07		
Overlaps				Clearance		0.05
Total ICU				0.77		0.71

418 - El Toro Rd. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	225	0.07*	353	0.10
NBT	3	5100	610	0.12	1350	0.26*
NBR	1	1700	165	0.10	368	0.22
SBL	2	3400	265	0.08	309	0.09*
SBT	3	5100	1737	0.34*	917	0.18
SBR	1	1700	367	0.22	195	0.11
EBL	2	3400	186	0.05*	398	0.12
EBT	3	3400	393	0.12	965	0.23*
EBR	0	1700	232	0.14	217	
WBL	2	3400	313	0.09	136	0.04*
WBT	3	5100	936	0.18*	441	0.09
WBR	1	1700	218	0.13	215	0.13
Adjustment						
Overlaps		N S		Clearance		0.05
Total ICU				0.69		0.67

419 - El Toro Rd. @ Toledo Wy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	217	0.13*	58	0.03
NBT	3	5100	1056	0.21	1835	0.36*
NBR	D	1700	13	0.01	21	0.01
SBL	1	1700	1	0.00	1	0.00*
SBT	3	5100	1858	0.36*	1222	0.24
SBR	D	1700	277	0.16	34	0.02
EBL	1.5	2550	68	0.02*	285	0.09*
EBT	0.5	850	4	0.02	18	0.09
EBR	1	1700	213	0.13	109	0.06
WBL	0		36		15	
WBT	1	1700	12	0.03*	3	0.01*
WBR	0		2		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.51

420 - El Toro Rd. @ Jeronimo Rd.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	140	0.08*	117	0.07
NBT	3	5100	996	0.20	1482	0.29*
NBR	1	1700	325	0.19	349	0.21
SBL	2	3400	248	0.07	284	0.08*
SBT	3	5100	1727	0.34*	1016	0.20
SBR	D	1700	247	0.15	92	0.05
EBL	1	1700	134	0.08	180	0.11
EBT	2	3400	279	0.15*	798	0.27*
EBR	0		226		130	
WBL	2	3400	493	0.14*	235	0.07*
WBT	2	3400	597	0.18	344	0.10
WBR	1	1700	239	0.14	275	0.16
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.76		0.76

421 - Los Alisos Bl. @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	232	0.14*	214	0.13
NBT	3	5100	451	0.09	1062	0.21*
NBR	D	1700	109	0.06	289	0.17
SBL	1	1700	164	0.10	158	0.09*
SBT	3	5100	1255	0.25*	539	0.11
SBR	D	1700	355	0.21	94	0.06
EBL	1	1700	148	0.09*	300	0.18*
EBT	2	3400	464	0.14	692	0.20
EBR	D	1700	284	0.17	190	0.11
WBL	1	1700	280	0.16	140	0.08
WBT	2	3400	750	0.22*	440	0.13*
WBR	D	1700	177	0.10	160	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.75		0.66

422 - Los Alisos Bl. @ Jeromino Rd.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	193	0.11*	196	0.12
NBT	3	5100	634	0.12	1314	0.26*
NBR	1	1700	171	0.10	309	0.18
SBL	1	1700	241	0.14	157	0.09*
SBT	3	5100	1334	0.26*	652	0.13
SBR	1	1700	385	0.23	181	0.11
EBL	2	3400	187	0.06*	426	0.13
EBT	2	3400	527	0.16	841	0.25*
EBR	1	1700	172	0.10	257	0.15
WBL	2	3400	226	0.07	236	0.07*
WBT	2	3400	686	0.20*	514	0.15
WBR	1	1700	102	0.06	200	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.72

423 - Muirlands Bl. @ Los Alisos Bl.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	220	0.13*	130	0.08*
NBT	2	3400	587	0.17	405	0.12
NBR	1	1700	144	0.08	192	0.11
SBL	1	1700	119	0.07	369	0.22
SBT	2	3400	503	0.20*	710	0.26*
SBR	0		166		179	
EBL	1	1700	184	0.11*	146	0.09
EBT	3	5100	655	0.13	1207	0.24*
EBR	1	1700	280	0.16	224	0.13
WBL	1	1700	265	0.16	176	0.10*
WBT	3	5100	1055	0.21*	686	0.13
WBR	D	1700	340	0.20	209	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.70 0.73

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	234	0.14*	195	0.11*
NBT	2	3400	769	0.23	1165	0.34
NBR	0		3		4	
SBL	1	1700	13	0.01	16	0.01
SBT	2	3400	882	0.40*	712	0.29*
SBR	0		484		283	
EBL	1.5	2550	272	0.09*	421	0.14*
EBT	0.5	850	19	0.09	39	0.14
EBR	1	1700	222	0.13	316	0.19
WBL	0		5		9	
WBT	1	1700	53	0.03*	20	0.02*
WBR	D	1700	45	0.03	23	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.71 0.61

425 - Los Alisos Bl. @ Avenida Carlota
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	231	0.07*	174	0.05*
NBT	3	5100	840	0.17	942	0.18
NBR	0		3		1	
SBL	1	1700	7	0.00	7	0.00
SBT	2	3400	897	0.26*	798	0.23*
SBR	1	1700	282	0.17	189	0.11
EBL	1.5	2550	134	0.04*	455	0.14*
EBT	0.5	850	3	0.04	15	0.14
EBR	1	1700	76	0.04	295	0.17
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	7	0.00	14	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.43 0.47

426 - Los Alisos Bl. @ Paseo de Valencia
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	713	0.14*	889	0.17*
SBT	0		0		0	
SBR	1	1700	298	0.18	183	0.11
EBL	2	3400	86	0.03*	235	0.07
EBT	2	3400	345	0.10	796	0.23*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	773	0.23*	396	0.12
WBR	2	3400	869	0.26	887	0.26

Adjustment SBR 0.01
Overlaps S W Clearance 0.05

Total ICU 0.46 0.45

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Long Range Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04	265	0.08*
NBT	3	5100	1796	0.35*	1025	0.20
NBR	D	1700	9	0.01	29	0.02
SBL	1	1700	8	0.00*	36	0.02
SBT	3	5100	874	0.17	2079	0.41*
SBR	1	1700	357	0.21	544	0.32
EBL	1.5	2550	474	0.14*	306	0.09*
EBT	0.5	850	1	0.14	7	0.09
EBR	1	1700	242	0.14	239	0.14
WBL	0		38		22	
WBT	1	1700	7	0.03*	3	0.01*
WBR	D	1700	30	0.02	20	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.57 0.64

428 - Laguna Hills Dr. @ Paseo de Valencia
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	654	0.20*	617	0.19*
NBT	0.5	850	14	0.20	14	0.19
NBR	1	1700	412	0.24	501	0.29
SBL	1	1700	115	0.07	52	0.03
SBT	1	1700	26	0.08*	24	0.04*
SBR	0		102		41	
EBL	1	1700	27	0.02	64	0.04
EBT	3	5100	457	0.09*	973	0.19*
EBR	1	1700	610	0.36	668	0.39
WBL	2	3400	369	0.11*	342	0.10*
WBT	3	5100	753	0.16	528	0.12
WBR	0		63		94	

Adjustment EBR 0.12 Multi 0.07
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.65 0.64

429 - Moulton Pkwy. @ Laguna Hills Dr.
Long Range Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	484	0.14	249	0.07*
NBT	4	6800	1403	0.21*	812	0.12
NBR	1	1700	166	0.10	103	0.06
SBL	2	3400	220	0.06*	187	0.06
SBT	3	5100	640	0.13	1668	0.33*
SBR	1	1700	232	0.14	463	0.27
EBL	2	3400	350	0.10*	288	0.08*
EBT	3	5100	547	0.11	801	0.16
EBR	F		306		452	
WBL	1	1700	72	0.04	152	0.09
WBT	2	3400	806	0.24*	604	0.18*
WBR	1	1700	164	0.10	241	0.14

Adjustment
Overlaps Clearance 0.05

Total ICU 0.66 0.71

430 - Trabuco Rd. @ Alicia Pkwy.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	196	0.06	128	0.04
NBT	2	3400	478	0.14*	353	0.10*
NBR	D	1700	62	0.04	50	0.03
SBL	2	3400	169	0.05*	452	0.13*
SBT	2	3400	326	0.10	437	0.13
SBR	1	1700	196	0.12	198	0.12
EBL	1	1700	263	0.15*	191	0.11
EBT	3	5100	922	0.18	1523	0.30*
EBR	D	1700	73	0.04	131	0.08
WBL	1	1700	100	0.06	43	0.03*
WBT	3	5100	1625	0.32*	961	0.19
WBR	1	1700	343	0.20	179	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.71 0.61

431 - Jeronimo Rd. @ Alicia Pkwy.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	512	0.15*	236	0.07*
NBT	2	3400	768	0.23	344	0.10
NBR	1	1700	167	0.10	88	0.05
SBL	2	3400	84	0.02	183	0.05
SBT	2	3400	417	0.12*	779	0.23*
SBR	1	1700	186	0.11	458	0.27
EBL	2	3400	351	0.10*	230	0.07
EBT	3	5100	1313	0.26	1842	0.36*
EBR	1	1700	196	0.12	396	0.23
WBL	2	3400	178	0.05	118	0.03*
WBT	3	5100	1919	0.38*	1328	0.26
WBR	1	1700	174	0.10	112	0.07

Adjustment
Overlaps Clearance 0.05

Total ICU 0.80 0.74

432 - Alicia Pkwy. @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	228	0.07*	326	0.10
NBT	3	5100	1986	0.39	2345	0.46*
NBR	1	1700	85	0.05	146	0.09
SBL	2	3400	121	0.04	96	0.03*
SBT	4	6800	2492	0.39*	2121	0.32
SBR	0		141		76	
EBL	1	1700	100	0.06	112	0.07
EBT	2	3400	420	0.12*	411	0.12*
EBR	1	1700	530	0.31	527	0.31
WBL	1	1700	129	0.08*	113	0.07*
WBT	2	3400	473	0.14	345	0.10
WBR	1	1700	259	0.15	169	0.10

Adjustment EBR 0.12 EBR 0.04
Overlaps E Clearance 0.05

Total ICU 0.83 0.77

433 - I-5 NB Ramps @ Alicia Pkwy.
Long Range Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	193	0.11*	308	0.18*
NBT	0		0		0	
NBR	1.5	3400	386	0.11	680	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2088	0.41*	2416	0.47*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1707	0.33	1866	0.37
WBR	F		0		0	

Adjustment NBR 0.02
Overlaps Clearance 0.05

Total ICU 0.57 0.72

434 - I-5 SB Ramps @ Alicia Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1259	0.31*	1495	0.36*
SBT	0		0		0	
SBR	1.5	2550	855	0.31	936	0.36
EBL	0		0		0	
EBT	3	5100	2323	0.46*	2098	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1142	0.22	1302	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Long Range Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	276	0.08	318	0.09
NBT	3	5100	1695	0.34*	1571	0.32*
NBR	0		61		72	
SBL	1	1700	71	0.04*	130	0.08*
SBT	3	5100	1329	0.26	1433	0.28
SBR	1	1700	387	0.23	336	0.20
EBL	2	3400	414	0.12*	420	0.12
EBT	2	3400	248	0.07	477	0.14*
EBR	2	3400	238	0.07	553	0.16
WBL	2	3400	107	0.03	117	0.03*
WBT	3	5100	514	0.10*	259	0.05
WBR	1	1700	90	0.05	62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.62

436 - Moulton Pkwy. @ Alicia Pkwy.
Long Range Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01	78	0.02*
NBT	4	6800	1350	0.20*	736	0.11
NBR	F		482		348	
SBL	2	3400	172	0.05*	229	0.07
SBT	3	5100	705	0.14	1317	0.26*
SBR	1	1700	256	0.15	696	0.41
EBL	2	3400	439	0.13*	359	0.11*
EBT	3	5100	1277	0.25	1190	0.23
EBR	1	1700	95	0.06	59	0.03
WBL	2	3400	257	0.08	338	0.10
WBT	3	5100	1089	0.21*	1342	0.26*
WBR	1	1700	171	0.10	155	0.09
Adjustment					SBR	0.07
Overlaps				Clearance		0.05
Total ICU				0.64		0.77

437 - Scientific Wy. @ ICD
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	28	0.01*	53	0.02*
NBT	2	3400	3	0.00	25	0.01
NBR	1	1700	0		3	0.00
SBL	2	3400	0		7	0.00
SBT	2	3400	1	0.00*	6	0.00*
SBR	1	1700	31	0.02	47	0.03
EBL	1	1700	112	0.07*	36	0.02
EBT	3	5100	736	0.14	1657	0.32*
EBR	1	1700	107	0.06	23	0.01
WBL	1	1700	0		0	*
WBT	3	5100	1111	0.22*	955	0.19
WBR	1	1700	8	0.00	34	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.39

441 - Park Av. @ Jamboree Rd. SB Ramps
Long Range Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	127	0.04	411	0.12*
NBR	1	1700	50	0.03	112	0.07
SBL	1	1700	1	0.00	25	0.01*
SBT	2	3400	167	0.05*	248	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	930	0.27*	609	0.18*
WBT	0		0		0	
WBR	1	1700	2	0.00	44	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.36

444 - Sand Canyon Av. @ Burt Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	25	0.01*	37	0.01
NBT	3	5100	679	0.13	1804	0.35*
NBR	D	1700	32	0.02	94	0.06
SBL	1	1700	132	0.08	140	0.08*
SBT	3	5100	2900	0.57*	1133	0.22
SBR	1	1700	104	0.06	52	0.03
EBL	2	3400	124	0.04*	29	0.01
EBT	1	1700	16	0.01	1	0.00*
EBR	1	1700	46	0.03	20	0.01
WBL	1	1700	26	0.02	64	0.04*
WBT	1	1700	7	0.00*	6	0.00
WBR	1	1700	75	0.04	132	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.52

452 - Jamboree Rd. @ Santiago Canyon Rd.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	542	0.16*	1944	0.57*
NBT	1	1700	51	0.03	62	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	19	0.01*	142	0.04*
SBR	D	1700	25	0.01	97	0.06
EBL	1	1700	39	0.02*	24	0.01*
EBT	0		0		0	
EBR	2	3400	1685	0.50	569	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.36	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.60		0.68

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Long Range Approved With Project-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		536		734	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		839	*	550	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

463 - Jamboree Rd. @ Chapman Ave.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	293	0.09
NBT	2	3400	200	0.06*	887	0.26*
NBR	2	3400	226	0.07	155	0.05
SBL	2	3400	895	0.26*	417	0.12*
SBT	3	5100	792	0.16	316	0.06
SBR	1	1700	32	0.02	80	0.05
EBL	2	3400	35	0.01	46	0.01*
EBT	3	5100	1308	0.26*	397	0.08
EBR	1	1700	267	0.16	126	0.07
WBL	2	3400	268	0.08*	287	0.08
WBT	3	5100	474	0.09	1425	0.28*
WBR	2	3400	361	0.11	906	0.27
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.72

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	69	0.04*	59	0.03*
SBT	0		0		1	
SBR	2	3400	529	0.16	174	0.05
EBL	0		0		0	*
EBT	4	5100	2053	0.40*	1044	0.16
EBR	0	1700	788	0.46	54	
WBL	1	1700	68	0.04*	21	0.01
WBT	2	3400	812	0.24	2717	0.80*
WBR	0		0		0	
Adjustment			EBR	0.03	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.56		0.90

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	40	0.01*	650	0.20*
NBT	0		1	0.01	2	0.20
NBR	0.5	850	9	0.01	30	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	179	0.11*	307	0.18*
EBT	4	6800	1901	0.28	825	0.12
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	863	0.18*	2094	0.43*
WBR	0		60		122	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.35		0.86

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	341	0.10*	1038	0.31*
NBT	0		0		0	
NBR	1	1700	14	0.01	3	0.00
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	478	0.14	486	0.14
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	738	0.22*	823	0.24*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.60

468 - Jamboree Rd. @ Canyon View Ave.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	102	0.03*	788	0.23
NBT	3	5100	351	0.07	1692	0.33*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1363	0.27*	432	0.08
SBR	1	1700	156	0.09	330	0.19
EBL	1	1700	201	0.12*	190	0.11*
EBT	0		0		0	
EBR	2	3400	805	0.24	212	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.50

469 - Jamboree Rd. @ Handy Creek Rd.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		1413		1733	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		1860	*	958	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

470 - SR-261 SB Ramps @ Handy Creek Rd.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

471 - SR-261 NB Ramps @ Handy Creek Rd.
Long Range Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.05		0.05

477 - El Camino Real N. @ Bryan Ave.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	6	0.00*	98	0.06*
NBT	0		0		0	
NBR	1.5	3400	55	0.02	421	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	387	0.11*	688	0.20
EBR	D	1700	110	0.06	25	0.01
WBL	2	3400	245	0.07*	107	0.03
WBT	2	3400	570	0.17	1336	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.50

481 - Laguna Canyon Rd. @ Technology Dr.
Long Range Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	67	0.04*
NBT	2	3400	18	0.01	38	0.01
NBR	D	1700	5	0.00	27	0.02
SBL	2	3400	20	0.01	34	0.01
SBT	2	3400	46	0.01*	11	0.00*
SBR	D	1700	109	0.06	451	0.27
EBL	1	1700	442	0.26*	134	0.08*
EBT	1	1700	174	0.10	60	0.04
EBR	1	1700	70	0.04	12	0.01
WBL	1	1700	30	0.02	3	0.00
WBT	1	1700	53	0.03*	331	0.19*
WBR	2	3400	97	0.03	47	0.01
Adjustment					SBR	0.21
Overlaps					Clearance	0.05
Total ICU				0.35		0.57

482 - Visions @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	15	0.01*
NBT	1	1700	0		0	
NBR	1	1700	122	0.07	19	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	431	0.13*	690	0.20*
EBR	1	1700	216	0.13	22	0.01
WBL	1	1700	295	0.17*	19	0.01*
WBT	2	3400	604	0.18	543	0.16
WBR	D	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.36		0.27

483 - Tulip @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	59	0.03	27	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	480	0.14	437	0.13
EBR	D	1700	88	0.05	24	0.01
WBL	1	1700	19	0.01	35	0.02
WBT	2	3400	649	0.19*	591	0.17*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.22

484 - Sand Canyon Av. @ Roosevelt
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	106	0.03
NBT	4	6800	701	0.10	2051	0.30*
NBR	D	1700	51	0.03	136	0.08
SBL	2	3400	34	0.01	72	0.02*
SBT	4	6800	1787	0.26*	919	0.14
SBR	D	1700	81	0.05	89	0.05
EBL	2	3400	86	0.03*	80	0.02*
EBT	2	3400	29	0.01	48	0.01
EBR	D	1700	129	0.08	89	0.05
WBL	2	3400	163	0.05	55	0.02
WBT	1	1700	87	0.05*	25	0.01*
WBR	D	1700	59	0.03	67	0.04
Adjustment				EBR 0.03		WBR 0.01
Overlaps					Clearance	0.05
Total ICU				0.44		0.41

485 - Sand Canyon Av. @ Nightmist
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	222	0.07
NBT	4	6800	743	0.11	2196	0.32*
NBR	D	1700	35	0.02	55	0.03
SBL	1	1700	23	0.01	12	0.01*
SBT	4	6800	2137	0.31*	1028	0.15
SBR	D	1700	32	0.02	41	0.02
EBL	2	3400	48	0.01*	31	0.01
EBT	1	1700	15	0.01	4	0.00*
EBR	1	1700	288	0.17	113	0.07
WBL	2	3400	27	0.01	68	0.02*
WBT	1	1700	20	0.01*	2	0.00
WBR	D	1700	30	0.02	20	0.01
Adjustment				EBR 0.14		
Overlaps					Clearance	0.05
Total ICU				0.55		0.40

486 - SR-133 SB Ramps @ Great Park Blvd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	563	0.33*	177	0.10*
SBT	0		0		0	
SBR	2	3400	1043	0.31	104	0.03
EBL	0		0		0	
EBT	2	3400	120	0.04*	766	0.23*
EBR	1	1700	880	0.52	481	0.28
WBL	2	3400	1126	0.33*	826	0.24*
WBT	2	3400	283	0.08	773	0.23
WBR	0		0		0	
Adjustment				EBR 0.23		
Overlaps					Clearance	0.05
Total ICU				0.98		0.62

487 - SR-133 NB Ramps @ Great Park Blvd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	450	0.13*	889	0.26*
NBT	0		0		0	
NBR	2	3400	1007	0.30	964	0.28
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	632	0.19	519	0.15*
EBR	F		31		407	
WBL	1	1700	118	0.07	595	0.35*
WBT	2	3400	1067	0.31*	701	0.21
WBR	0		0		0	
Adjustment				NBR 0.08		
Overlaps					Clearance	0.05
Total ICU				0.57		0.81

514 - Alton Pkwy. @ Rancho Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	100	0.03*	220	0.06
NBT	3	5100	609	0.12	1484	0.29*
NBR	1	1700	157	0.09	172	0.10
SBL	2	3400	159	0.05	26	0.01*
SBT	3	5100	1440	0.28*	623	0.12
SBR	1	1700	62	0.04	53	0.03
EBL	1	1700	68	0.04	25	0.01
EBT	2	3400	50	0.01*	31	0.01*
EBR	D	1700	292	0.17	176	0.10
WBL	1	1700	200	0.12*	188	0.11*
WBT	2	3400	48	0.01	69	0.02
WBR	1	1700	34	0.02	163	0.10

Adjustment EBR 0.14
Overlaps Clearance 0.05

Total ICU 0.63 0.47

515 - Bake Pkwy. N @ Rancho Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	630	0.19	1067	0.31*
NBR	D	1700	267	0.16	680	0.40
SBL	1	1700	109	0.06	286	0.17*
SBT	2	3400	1008	0.30*	657	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	534	0.16*	270	0.08*
WBT	0		0		0	
WBR	2	3400	174	0.05	259	0.08

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.51 0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	143	0.08*	228	0.13
NBT	2	3400	527	0.16	909	0.27*
NBR	D	1700	168	0.10	444	0.26
SBL	1	1700	159	0.09	124	0.07*
SBT	2	3400	805	0.24*	599	0.18
SBR	D	1700	71	0.04	52	0.03
EBL	1	1700	22	0.01	53	0.03
EBT	1	1700	242	0.14*	670	0.39*
EBR	1	1700	58	0.03	170	0.10
WBL	1	1700	292	0.17*	180	0.11*
WBT	2	3400	618	0.18	315	0.09
WBR	1	1700	54	0.03	72	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.89

517 - Portola Pkwy. @ Rancho Pkwy.
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	569	0.17*	362	0.11*
NBT	3	5100	1371	0.27	864	0.17
NBR	D	1700	12	0.01	3	0.00
SBL	2	3400	22	0.01	17	0.01
SBT	3	5100	844	0.17*	1366	0.27*
SBR	1	1700	210	0.12	142	0.08
EBL	1.5	2550	103	0.03*	273	0.09*
EBT	0.5	850	12	0.03	34	0.09
EBR	F		281		853	
WBL	1.5	2550	8	0.01	16	0.01
WBT	1	1700	23	0.01*	24	0.01*
WBR	1.5	2550	14	0.01	20	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.43 0.53

518 - Alton Pkwy. @ Commercentre
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	705	0.14	1943	0.38*
NBR	D	1700	380	0.22	260	0.15
SBL	1	1700	205	0.12	41	0.02*
SBT	3	5100	2118	0.42*	967	0.19
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	262	0.08*	613	0.18*
WBT	0		0		0	
WBR	1.5	1700	59	0.03	232	0.14

Adjustment
Overlaps Clearance 0.05

Total ICU 0.55 0.63

520 - Keystone @ Trabuco Rd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	163	0.05*	57	0.02*
SBT	0		0		0	
SBR	1	1700	401	0.24	161	0.09
EBL	2	3400	154	0.05*	293	0.09*
EBT	2	3400	384	0.11	320	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	599	0.18*	500	0.15*
WBR	1	1700	39	0.02	141	0.08

Adjustment SBR 0.15
Overlaps Clearance 0.05

Total ICU 0.48 0.31

555 - Bake Pkwy. @ Rancho Pkwy. S
Long Range Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	249	0.15*	162	0.10
NBT	2	3400	731	0.22	1385	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1168	0.34*	833	0.25
SBR	1	1700	289	0.17	151	0.09
EBL	2	3400	131	0.04*	330	0.10*
EBT	0		0		0	
EBR	1	1700	172	0.10	154	0.09
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.56

556 - Ridge Valley @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	117	0.03	113	0.03*
NBT	1	1700	12	0.01*	36	0.02
NBR	D	1700	35	0.02	77	0.05
SBL	1	1700	98	0.06*	15	0.01
SBT	2	3400	58	0.02	13	0.00*
SBR	D	1700	23	0.01	28	0.02
EBL	1	1700	5	0.00	33	0.02
EBT	2	3400	601	0.18*	558	0.16*
EBR	D	1700	124	0.07	60	0.04
WBL	1	1700	108	0.06*	28	0.02*
WBT	2	3400	625	0.18	543	0.16
WBR	D	1700	37	0.02	19	0.01
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.36		0.27

558 - Ridge Valley @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	254	0.07	301	0.09*
NBT	2	3400	173	0.05*	146	0.04
NBR	D	1700	89	0.05	85	0.05
SBL	1	1700	207	0.12*	79	0.05
SBT	2	3400	317	0.09	60	0.02*
SBR	F		391		258	
EBL	2	3400	101	0.03*	395	0.12*
EBT	3	5100	1301	0.26	1182	0.23
EBR	1	1700	152	0.09	229	0.13
WBL	2	3400	46	0.01	63	0.02
WBT	3	5100	1293	0.25*	1556	0.31*
WBR	1	1700	96	0.06	77	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.59

559 - Ridge Valley @ Great Park Blvd.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	216	0.06*	448	0.13*
NBT	2	1700	8	0.00	83	0.05
NBR	0	1700	27	0.02	96	0.06
SBL	1	1700	64	0.04	69	0.04
SBT	2	3400	16	0.00*	23	0.01*
SBR	F		506		325	
EBL	2	3400	286	0.08	544	0.16*
EBT	2	3400	985	0.29*	626	0.18
EBR	F		249		209	
WBL	1	1700	18	0.01*	44	0.03
WBT	2	3400	554	0.17	614	0.21*
WBR	0		20		114	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.56

560 - Ridge Valley @ Marine Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	72	0.04	293	0.17*
NBT	1	1700	4	0.02*	52	0.07
NBR	0		26		66	
SBL	1	1700	108	0.06*	56	0.03
SBT	1	1700	20	0.01	5	0.00*
SBR	1	1700	304	0.18	248	0.15
EBL	2	3400	158	0.05*	857	0.25*
EBT	2	3400	986	0.29	1089	0.32
EBR	D	1700	179	0.11	104	0.06
WBL	1	1700	70	0.04	11	0.01
WBT	2	3400	1091	0.32*	495	0.15*
WBR	1	1700	62	0.04	88	0.05
Adjustment			SBR	0.09		
Overlaps		S			Clearance	0.05
Total ICU				0.59		0.62

561 - Bosque @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	114	0.07*	203	0.12*
NBT	0		0		0	
NBR	1	1700	285	0.17	281	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1546	0.30*	1003	0.20
EBR	1	1700	143	0.08	90	0.05
WBL	1	1700	272	0.16*	160	0.09
WBT	3	5100	1539	0.30	1878	0.37*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.54

562 - Skyhawk @ Marine Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		24	0.01*
SBT	1	1700	0	*	0	
SBR	1	1700	760	0.45	252	0.15
EBL	1	1700	163	0.10	908	0.53*
EBT	2	3400	1028	0.30*	444	0.13
EBR	0		0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	484	0.14	498	0.15*
WBR	1	1700	0		97	0.06

Adjustment	SBR	0.33		
Overlaps			Clearance	0.05
Total ICU		0.68		0.74

563 - Chinon @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	318	0.12*	87	0.05*
NBT	0		0		0	
NBR	0.5	850	94	0.12	69	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1673	0.33*	840	0.16
EBR	1	1700	289	0.17	74	0.04
WBL	1	1700	37	0.02*	112	0.07
WBT	3	5100	724	0.14	1590	0.31*
WBR	0		0		0	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.52		0.41

565 - Treble @ Marine Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	11	0.01	5	0.00
NBT	1	1700	2	0.02*	5	0.01*
NBR	0		39		10	
SBL	2	3400	693	0.20*	187	0.06*
SBT	1	1700	3	0.11	3	0.06
SBR	0		190		100	
EBL	1	1700	44	0.03	218	0.13*
EBT	2	3400	827	0.24*	445	0.13
EBR	D	1700	3	0.00	8	0.00
WBL	1	1700	7	0.00*	22	0.01
WBT	2	3400	502	0.15	663	0.20*
WBR	1	1700	97	0.06	610	0.36

Adjustment			WBR	0.10
Overlaps	W		Clearance	0.05
Total ICU		0.51		0.55

566 - Marine Wy. @ Barranca Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	60	0.02*	195	0.06
NBT	2	3400	179	0.05	613	0.18*
NBR	1	1700	53	0.03	150	0.09
SBL	2	3400	618	0.18	388	0.11*
SBT	2	3400	876	0.26*	240	0.07
SBR	1	1700	702	0.41	504	0.30
EBL	2	3400	260	0.08*	678	0.20*
EBT	2	3400	77	0.02	166	0.05
EBR	1	1700	109	0.06	103	0.06
WBL	2	3400	128	0.04	103	0.03
WBT	2	3400	103	0.03*	217	0.06*
WBR	1	1700	307	0.18	680	0.40

Adjustment	SBR	0.09	WBR	0.26		
Overlaps				Clearance	0.05	
Total ICU		0.53			0.86	

567 - Marine Wy. @ Alton Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	702	0.21*	652	0.19*
NBT	2	3400	74	0.02	19	0.01
NBR	1	1700	658	0.39	579	0.34
SBL	2	3400	11	0.00	78	0.02
SBT	2	3400	15	0.00*	135	0.04*
SBR	1	1700	12	0.01	88	0.05
EBL	2	3400	64	0.02	16	0.00
EBT	3	5100	568	0.11*	465	0.09*
EBR	F		775		806	
WBL	2	3400	411	0.12*	539	0.16*
WBT	3	5100	322	0.06	351	0.07
WBR	1	1700	34	0.02	10	0.01

Adjustment	NBR	0.09	NBR	0.01		
Overlaps				Clearance	0.05	
Total ICU		0.58			0.54	

568 - Ada @ Marine Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	46	0.03*	126	0.07*
NBT	0		0		0	
NBR	1	1700	68	0.04	163	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	806	0.28*	508	0.17
EBR	0		147		71	
WBL	0		151	*	118	
WBT	2	3400	552	0.21	650	0.23*
WBR	1	1700	0		0	

Adjustment	NBR	0.01				
Overlaps				Clearance	0.05	
Total ICU		0.37			0.35	

569 - Bake Pkwy @ Marine Wy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1122	0.33*	575	0.17*
NBT	3	5100	3130	0.61	3151	0.62
NBR	1	1700	156	0.09	62	0.04
SBL	1	1700	134	0.08	49	0.03
SBT	4	6800	2493	0.37*	3270	0.48*
SBR	1	1700	968	0.57	454	0.27
EBL	2	3400	394	0.12*	797	0.23*
EBT	1	1700	20	0.01	16	0.01
EBR	2	3400	363	0.11	1048	0.31
WBL	1	1700	29	0.02	134	0.08
WBT	2	3400	11	0.00*	19	0.01*
WBR	D	1700	31	0.02	102	0.06
Adjustment			SBR	0.11	EBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.98		0.96

571 - Portola Springs @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	241	0.07*	263	0.08*
NBT	1	1700	65	0.06	51	0.05
NBR	0		35		36	
SBL	1	1700	8	0.00	11	0.01
SBT	1	1700	89	0.05*	31	0.02*
SBR	D	1700	162	0.10	79	0.05
EBL	1	1700	58	0.03*	143	0.08*
EBT	2	3400	177	0.05	298	0.09
EBR	1	1700	302	0.18	132	0.08
WBL	1	1700	40	0.02	23	0.01
WBT	2	3400	196	0.06*	211	0.06*
WBR	D	1700	4	0.00	13	0.01
Adjustment			Multi	0.09		
Overlaps					Clearance	0.05
Total ICU				0.35		0.29

572 - Modjeska @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	58	0.03	77	0.05
NBT	1	1700	24	0.01*	57	0.03*
NBR	1	1700	71	0.04	69	0.04
SBL	2	3400	499	0.15*	192	0.06*
SBT	1	1700	92	0.05	20	0.01
SBR	1	1700	447	0.26	307	0.18
EBL	2	3400	177	0.05	422	0.12*
EBT	3	5100	1385	0.27*	782	0.15
EBR	1	1700	61	0.04	45	0.03
WBL	1	1700	78	0.05*	39	0.02
WBT	3	5100	911	0.18	1303	0.26*
WBR	1	1700	259	0.15	295	0.17
Adjustment			SBR	0.02	SBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.55		0.57

574 - Ridge Valley @ Benchmark
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01	0	
NBT	2	3400	157	0.05*	395	0.14*
NBR	0		26		81	
SBL	1	1700	110	0.06*	34	0.02*
SBT	2	3400	309	0.10	204	0.06
SBR	0		36		2	
EBL	1	1700	22	0.01	13	0.01
EBT	1	1700	5	0.01*	0	0.00*
EBR	0		17		1	
WBL	1	1700	109	0.06*	38	0.02*
WBT	1	1700	3	0.06	0	0.01
WBR	0		105		14	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.23

575 - Ridge Valley @ Hornet
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	56	0.03
NBT	2	1700	46	0.03	434	0.16*
NBR	0	1700	49	0.03	121	
SBL	1	1700	63	0.04	97	0.06*
SBT	2	3400	333	0.10*	117	0.03
SBR	D	1700	46	0.03	38	0.02
EBL	1	1700	86	0.05	47	0.03*
EBT	1	1700	30	0.04*	4	0.01
EBR	0		34		15	
WBL	1	1700	79	0.05*	67	0.04
WBT	1	1700	12	0.03	8	0.11*
WBR	0		44		174	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.41

576 - Ridge Valley @ Phantom
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	717	0.25*
NBR	0		39		133	
SBL	1	1700	11	0.01	20	0.01*
SBT	2	3400	413	0.12*	259	0.08
SBR	0		4		5	
EBL	1	1700	3	0.00	6	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		31		15	
WBL	1	1700	27	0.02*	45	0.03*
WBT	1	1700	0	0.00	1	0.01
WBR	0		3		19	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.22		0.35

577 - Pusan Way @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	40	0.02
NBT	1	1700	53	0.03	63	0.04*
NBR	1	1700	64	0.04	61	0.04
SBL	1	1700	18	0.01	35	0.02*
SBT	1	1700	62	0.04*	27	0.02
SBR	1	1700	141	0.08	142	0.08
EBL	1	1700	102	0.06	177	0.10*
EBT	3	5100	1852	0.36*	900	0.18
EBR	1	1700	60	0.04	24	0.01
WBL	1	1700	55	0.03*	46	0.03
WBT	3	5100	1100	0.22	1601	0.31*
WBR	1	1700	44	0.03	55	0.03

Adjustment
Overlaps Clearance 0.05

Total ICU 0.52 0.52

579 - Merit @ Irvine Bl.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	164	0.05*	56	0.02
NBT	1	1700	17	0.01	7	0.00*
NBR	1	1700	189	0.11	118	0.07
SBL	1	1700	114	0.07	37	0.02*
SBT	1	1700	72	0.05*	6	0.01
SBR	0		21		8	
EBL	2	3400	24	0.01	4	0.00*
EBT	3	5100	1340	0.26*	806	0.16
EBR	1	1700	437	0.26	58	0.03
WBL	2	3400	108	0.03*	92	0.03
WBT	3	5100	593	0.12	1706	0.33*
WBR	1	1700	73	0.04	50	0.03

Adjustment NBR 0.06
Overlaps Clearance 0.05

Total ICU 0.50 0.40

584 - Orchard Hills Dr. @ Portola Pkwy.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	245	0.11*	102	0.06*
SBT	0		0		0	
SBR	1.5	2550	319	0.11	224	0.07
EBL	1	1700	73	0.04*	369	0.22*
EBT	3	5100	1362	0.27	823	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1285	0.25*	1211	0.24*
WBR	D	1700	53	0.03	247	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.57

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	95	0.04*	133	0.06*
NBR	0		32		55	
SBL	2	3400	489	0.14*	784	0.23*
SBT	1	1700	92	0.05	116	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	48	0.03*	62	0.04*
WBT	0		0		0	
WBR	2	3400	1273	0.37	431	0.13

Adjustment WBR 0.23
Overlaps Clearance 0.05

Total ICU 0.49 0.38

593 - Alton Pkwy. @ Fairbanks
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	162	0.10*	224	0.13*
NBT	3	3400	262	0.08	956	0.21
NBR	0	1700	143	0.08	90	
SBL	1	1700	3	0.00	2	0.00
SBT	3	5100	1160	0.32*	343	0.10*
SBR	0		472		404	0.24
EBL	1	1700	478	0.28*	459	0.27*
EBT	1	1700	189	0.19	223	0.25
EBR	0		142		209	
WBL	1	1700	74	0.04	28	0.02
WBT	1	1700	245	0.15*	153	0.09*
WBR	0		3		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.90 0.64

595 - Skyhawk @ Great Park Blvd
Long Range Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	154	
NBT	2	1700	0		0	0.09*
NBR	0	1700	296	0.17	785	0.46
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	998	0.29*	434	0.13
EBR	0		0		22	
WBL	0		349	*	266	
WBT	2	3400	323	0.20	1029	0.38*
WBR	0		0		0	

Adjustment NBR 0.17 NBR 0.18
Overlaps Clearance 0.05

Total ICU 0.51 0.70

637 - Sterling @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	89	0.05*
NBT	1	1700	62	0.04*	8	0.03
NBR	0		4		37	
SBL	1	1700	7	0.00*	62	0.04
SBT	1	1700	3	0.01	84	0.07*
SBR	0		11		37	
EBL	1	1700	65	0.04*	3	0.00
EBT	2	3400	273	0.10	946	0.31*
EBR	0		78		119	
WBL	1	1700	4	0.00	10	0.01*
WBT	2	3400	519	0.17*	263	0.08
WBR	0		49		6	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.30		0.49

640 - Thomas @ Muirlands Bl.
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02	50	0.03*
NBT	1	1700	32	0.02*	8	0.00
NBR	D	1700	5	0.00	26	0.02
SBL	1	1700	15	0.01*	31	0.02
SBT	1	1700	8	0.00	21	0.01*
SBR	D	1700	3	0.00	34	0.02
EBL	1	1700	17	0.01*	3	0.00
EBT	2	3400	178	0.05	951	0.28*
EBR	D	1700	64	0.04	78	0.05
WBL	1	1700	54	0.03	1	0.00*
WBT	2	3400	620	0.18*	276	0.08
WBR	D	1700	19	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.37

641 - Thomas @ Rockfield
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	24	0.01*	307	0.18*
SBT	1	1700	0	0.01	0	0.03
SBR	0		18		45	
EBL	1	1700	58	0.03*	74	0.04*
EBT	2	3400	6	0.00	104	0.03
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	178	0.10*	69	0.02*
WBR	0	1700	216	0.13	13	
Adjustment			WBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.21		0.29

655 - Ridge Valley @ Corsair
Long Range Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	44	0.03
NBT	2	3400	70	0.03	604	0.22*
NBR	0		36		135	
SBL	1	1700	15	0.01	26	0.02*
SBT	2	3400	412	0.12*	162	0.05
SBR	D	1700	16	0.01	0	
EBL	1	1700	11	0.01	0	
EBT	1	1700	0	0.05*	1	0.01*
EBR	0		86		24	
WBL	1	1700	88	0.05*	68	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	22	0.01	13	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Long Range Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	179	0.11*	1	0.00*
SBT	0		0		0	
SBR	1.5	2550	653	0.24	454	0.13
EBL	2	3400	1147	0.34*	1403	0.41*
EBT	1	1700	600	0.35	109	0.06
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	173	0.08*	837	0.25*
WBR	0		91		24	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.71

581 - Lynx @ Irvine Bl.

Long Range Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	7	0.00	7	0.00
NBT	1	1700	0	*	0	*
NBR	1	1700	118	0.07	54	0.03
SBL	1	1700	9	0.01*	9	0.01*
SBT	1	1700	0	0.00	0	0.00
SBR	0		1		1	
EBL	1	1700	1	0.00	0	*
EBT	3	5100	2666	0.52*	984	0.19
EBR	1	1700	5	0.00	5	0.00
WBL	1	1700	40	0.02*	90	0.05
WBT	3	5100	1274	0.25	2411	0.47*
WBR	0		9		10	
Adjustment			NBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.65		0.53

ITAM ICU Intersection Report
Buildout Approved Baseline

16 - Newport Av. @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	118	0.07*	153	0.09
NBT	3	5100	459	0.09	850	0.17*
NBR	1	1700	219	0.13	338	0.20
SBL	1	1700	150	0.09	97	0.06*
SBT	3	5100	1275	0.25*	484	0.09
SBR	D	1700	191	0.11	241	0.14
EBL	2	3400	108	0.03	197	0.06*
EBT	3	5100	931	0.18*	915	0.18
EBR	D	1700	63	0.04	89	0.05
WBL	2	3400	333	0.10*	151	0.04
WBT	3	5100	973	0.19	960	0.19*
WBR	D	1700	18	0.01	15	0.01
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.65		0.53

34 - Red Hill Av. @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	178	0.05	531	0.16
NBT	1	1700	162	0.10*	354	0.21*
NBR	1	1700	184	0.11	196	0.12
SBL	2	3400	282	0.08*	181	0.05*
SBT	2	3400	350	0.10	159	0.05
SBR	D	1700	83	0.05	42	0.02
EBL	1	1700	29	0.02	45	0.03*
EBT	3	5100	1317	0.30*	1348	0.29
EBR	0		226		142	
WBL	1	1700	231	0.14*	370	0.22
WBT	3	5100	1548	0.32	2520	0.52*
WBR	0		98		149	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.86

54 - Browning Av. @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	154	0.09*
NBT	1	1700	92	0.05	86	0.05
NBR	1	1700	85	0.05	216	0.13
SBL	0		74		75	
SBT	1	1700	147	0.13*	27	0.06*
SBR	D	1700	36	0.02	33	0.02
EBL	1	1700	29	0.02	13	0.01*
EBT	3	5100	2008	0.43*	1514	0.30
EBR	0		198		29	
WBL	1	1700	219	0.13*	120	0.07
WBT	3	5100	1774	0.36	2640	0.53*
WBR	0		69		70	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.77		0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	275	0.08*	775	0.23*
NBT	3	5100	592	0.12	938	0.18
NBR	1	1700	224	0.13	275	0.16
SBL	2	3400	299	0.09	106	0.03
SBT	3	5100	1598	0.31*	441	0.09*
SBR	1	1700	610	0.36	378	0.22
EBL	2	3400	250	0.07	391	0.12*
EBT	3	5100	1183	0.23*	1062	0.21
EBR	1	1700	704	0.41	323	0.19
WBL	2	3400	307	0.09*	118	0.03
WBT	3	5100	1166	0.23	1693	0.33*
WBR	1	1700	151	0.09	243	0.14
Adjustment			EBR	0.12	SBR	0.01
Overlaps		N S		Clearance		0.05
Total ICU				0.88		0.83

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	128	0.08*	16	0.01
NBT	3	5100	315	0.06	2700	0.53*
NBR	1	1700	10	0.01	5	0.00
SBL	1	1700	21	0.01	0	*
SBT	3	5100	2721	0.53*	484	0.09
SBR	1	1700	581	0.34	90	0.05
EBL	2	3400	82	0.02*	412	0.12*
EBT	1	1700	12	0.01	3	0.00
EBR	1	1700	20	0.01	2	0.00
WBL	1	1700	9	0.01	14	0.01
WBT	1	1700	4	0.00*	17	0.01*
WBR	1	1700	8	0.00	69	0.04
Adjustment					WBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.68		0.74

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	41	0.01*	168	0.05
NBT	3	5100	211	0.04	1577	0.31*
NBR	F		125		243	
SBL	2	3400	656	0.19	225	0.07*
SBT	3	5100	1823	0.36*	364	0.07
SBR	D	1700	12	0.01	13	0.01
EBL	1	1700	14	0.01	29	0.02*
EBT	2	3400	283	0.08*	275	0.08
EBR	D	1700	116	0.07	97	0.06
WBL	1	1700	245	0.14*	181	0.11
WBT	2	3400	387	0.11	837	0.25*
WBR	2	3400	196	0.06	1151	0.34
Adjustment					WBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.64		0.74

125 - Jamboree Rd. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	171	0.05*	512	0.15
NBT	3	5100	470	0.09	1987	0.39*
NBR	1	1700	134	0.08	419	0.25
SBL	2	3400	401	0.12	191	0.06*
SBT	4	6800	2773	0.43*	747	0.12
SBR	0		182		87	
EBL	2	3400	147	0.04	338	0.10*
EBT	3	5100	974	0.19*	990	0.19
EBR	1	1700	416	0.24	294	0.17
WBL	2	3400	596	0.18*	304	0.09
WBT	3	5100	1064	0.21	1527	0.30*
WBR	D	1700	193	0.11	444	0.26
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.91		0.90

126 - Jamboree Rd. @ Bryan Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	313	0.09
NBT	4	6800	527	0.08	2428	0.36*
NBR	1	1700	95	0.06	382	0.22
SBL	2	3400	130	0.04	167	0.05*
SBT	4	6800	2908	0.43*	978	0.14
SBR	D	1700	92	0.05	225	0.13
EBL	2	3400	72	0.02	274	0.08*
EBT	2	3400	261	0.08*	430	0.13
EBR	D	1700	266	0.16	176	0.10
WBL	2	3400	494	0.15*	284	0.08
WBT	2	3400	327	0.10	774	0.23*
WBR	1	1700	63	0.04	298	0.18
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.79		0.77

127 - Jamboree Rd. @ El Camino Real
Buildout Approved No Project-ITAM
TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	162	0.05*	625	0.18
NBT	4	6800	701	0.10	2575	0.38*
NBR	1	1700	586	0.34	352	0.21
SBL	1	1700	293	0.17	76	0.04*
SBT	4	6800	3119	0.46*	1052	0.15
SBR	1	1700	115	0.07	260	0.15
EBL	1	1700	59	0.03	295	0.17*
EBT	1	1700	174	0.10*	162	0.10
EBR	2	3400	237	0.07	350	0.10
WBL	2	3400	392	0.12*	496	0.15
WBT	2	3400	125	0.07	322	0.16*
WBR	0		102		208	
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.78		0.80

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1164	0.17	2585	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2969	0.44*	1562	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1093	0.32*	478	0.28*
WBT	0		0		0	
WBR	1.5	1700	337	0.20	1073	0.32
Adjustment					WBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.81		0.75

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1185	0.17	2419	0.36*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3272	0.48*	1508	0.22
SBR	F		0		0	
EBL	2	3400	433	0.13*	593	0.17*
EBT	0		0		0	
EBR	2	3400	697	0.21	619	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.74		0.58

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	460	0.14	306	0.09
SBT	2	3400	960	0.28*	457	0.13*
SBR	1	1700	458	0.27	215	0.13
EBL	0		0		0	*
EBT	3	5100	729	0.14*	715	0.14
EBR	1	1700	400	0.24	439	0.26
WBL	2	3400	378	0.11*	389	0.11
WBT	3	5100	583	0.11	1387	0.27*
WBR	0		0		0	
Adjustment			EBR	0.10	EBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.68		0.55

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	305	0.09	524	0.15
NBT	2	3400	349	0.10*	631	0.19*
NBR	D	1700	153	0.09	591	0.35
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	162	0.05	260	0.08*
EBT	3	5100	981	0.19*	739	0.14
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	686	0.13	1327	0.26*
WBR	1	1700	271	0.16	428	0.25
Adjustment			WBR	0.02	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.36		0.59

133 - Jamboree Rd. @ Edinger Av.
Buildout Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	86	0.03	341	0.10*
NBT	0		0	*	0	
NBR	1	1700	66	0.04	262	0.15
SBL	2	3400	288	0.08*	307	0.09
SBT	0		0		0	*
SBR	F		807		509	
EBL	2	3400	269	0.08*	607	0.18*
EBT	3	5100	792	0.18	1038	0.23
EBR	0		109		127	
WBL	2	3400	221	0.07	146	0.04
WBT	3	5100	1108	0.22*	1466	0.29*
WBR	1	1700	251	0.15	299	0.18
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		13		6	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	29	0.02	117	0.07
EBL	1	1700	275	0.16*	813	0.48*
EBT	2	3400	512	0.15	870	0.26
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	510	0.15*	813	0.24*
WBR	D	1700	191	0.11	274	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.77

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	291	0.09*	483	0.14
NBT	5	8500	789	0.09	3063	0.36*
NBR	1	1700	141	0.08	122	0.07
SBL	2	3400	389	0.11	262	0.08*
SBT	4	6800	2805	0.41*	1206	0.18
SBR	F		1984		470	
EBL	3	5100	225	0.04*	1283	0.25*
EBT	2	3400	569	0.17	738	0.22
EBR	1	1700	170	0.10	294	0.17
WBL	2	3400	155	0.05	112	0.03
WBT	3	5100	883	0.17*	759	0.15*
WBR	F		148		637	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.76		0.89

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	292	0.17*	83	0.05*
SBT	0		0		0	
SBR	2	3400	93	0.03	32	0.01
EBL	0		0		0	*
EBT	3	5100	998	0.20*	765	0.15
EBR	1	1700	120	0.07	31	0.02
WBL	2	3400	186	0.05*	78	0.02
WBT	3	5100	653	0.13	2157	0.42*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.52

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	13	0.01*	94	0.06*
NBT	0		0		0	
NBR	0.5	1700	49	0.03	163	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	28	0.01	51	0.02*
EBT	3	5100	1225	0.24*	771	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	859	0.17	2193	0.43*
WBR	1	1700	102	0.06	212	0.12
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.32		0.56

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	39	0.01*	54	0.02*
SBT	0		0		0	
SBR	1	1700	188	0.11	60	0.04
EBL	0		0		0	*
EBT	3	5100	1113	0.22*	1360	0.27
EBR	D	1700	99	0.06	31	0.02
WBL	2	3400	392	0.12*	118	0.03
WBT	3	5100	1601	0.31	2157	0.42*
WBR	0		0		0	
Adjustment			SBR	0.08	SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.48		0.51

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	225	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	38	0.01	316	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	60	0.04*	94	0.06*
EBT	3	5100	939	0.18	1175	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1589	0.31*	1944	0.38*
WBR	1	1700	47	0.03	54	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.60

218 - Culver Dr. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	117	0.03*	448	0.13*
NBT	2	3400	151	0.04	247	0.07
NBR	1	1700	236	0.14	243	0.14
SBL	2	3400	109	0.03	91	0.03
SBT	2	3400	315	0.09*	238	0.07*
SBR	1	1700	126	0.07	130	0.08
EBL	2	3400	108	0.03	118	0.03*
EBT	3	5100	872	0.17*	434	0.09
EBR	1	1700	254	0.15	159	0.09
WBL	2	3400	240	0.07*	193	0.06
WBT	3	5100	506	0.10	1827	0.36*
WBR	1	1700	57	0.03	83	0.05
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.41		0.64

220 - Culver Dr. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	143	0.04*	333	0.10
NBT	3	5100	404	0.08	1180	0.23*
NBR	1	1700	208	0.12	419	0.25
SBL	2	3400	222	0.07	187	0.06*
SBT	3	5100	1270	0.25*	619	0.12
SBR	D	1700	190	0.11	147	0.09
EBL	2	3400	74	0.02	218	0.06*
EBT	3	5100	622	0.12*	727	0.14
EBR	D	1700	233	0.14	146	0.09
WBL	2	3400	519	0.15*	294	0.09
WBT	3	5100	917	0.18	1510	0.30*
WBR	D	1700	55	0.03	180	0.11
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.61		0.70

221 - Culver Dr. @ Bryan Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	616	0.18
NBT	3	5100	653	0.13	1832	0.36*
NBR	1	1700	196	0.12	395	0.23
SBL	2	3400	78	0.02	70	0.02*
SBT	3	5100	2014	0.39*	955	0.19
SBR	D	1700	197	0.12	119	0.07
EBL	2	3400	107	0.03	172	0.05*
EBT	1.5	2550	241	0.11*	427	0.16
EBR	1.5	2550	325	0.11	412	0.16
WBL	2	3400	394	0.12*	223	0.07
WBT	2	3400	325	0.12	546	0.19*
WBR	0		87		88	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.73		0.67

222 - Culver Dr. @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	748	0.15	2330	0.46*
NBR	F		722		968	
SBL	1	1700	133	0.08	107	0.06*
SBT	3	5100	2067	0.41*	1239	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	736	0.22*	666	0.20*
WBT	0		0		0	
WBR	2	3400	283	0.08	676	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.77

223 - Culver Dr. @ I-5 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1132	0.17	2200	0.32*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2278	0.45*	1531	0.30
SBR	F		0		0	
EBL	3	5100	363	0.07*	1089	0.21*
EBT	0		0		0	
EBR	2	3400	575	0.17	757	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.67		0.58

224 - Culver Dr. @ Walnut Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03*	208	0.06
NBT	3	5100	834	0.16	1609	0.32*
NBR	1	1700	289	0.17	339	0.20
SBL	2	3400	208	0.06	285	0.08*
SBT	3	5100	1804	0.35*	1255	0.25
SBR	1	1700	448	0.26	365	0.21
EBL	2	3400	359	0.11*	547	0.16*
EBT	2	3400	441	0.13	613	0.18
EBR	1	1700	119	0.07	106	0.06
WBL	2	3400	345	0.10	320	0.09
WBT	2	3400	535	0.16*	669	0.20*
WBR	1	1700	334	0.20	254	0.15
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.70		0.81

226 - Culver Dr. @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	245	0.07*	299	0.09
NBT	4	6800	745	0.11	1462	0.22*
NBR	F		433		494	
SBL	2	3400	188	0.06	234	0.07*
SBT	4	6800	1820	0.27*	1161	0.17
SBR	1	1700	181	0.11	174	0.10
EBL	2	3400	113	0.03	197	0.06*
EBT	3	5100	922	0.18*	880	0.17
EBR	F		327		320	
WBL	2	3400	472	0.14*	354	0.10
WBT	3	5100	934	0.18	1967	0.39*
WBR	F		128		230	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.79

227 - Culver Dr. @ Warner Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	44	0.03*	111	0.07
NBT	3	5100	924	0.18	2167	0.42*
NBR	1	1700	95	0.06	135	0.08
SBL	1	1700	116	0.07	107	0.06*
SBT	3	5100	2319	0.45*	1548	0.30
SBR	D	1700	133	0.08	225	0.13
EBL	2	3400	179	0.05	173	0.05*
EBT	2	3400	222	0.07*	175	0.05
EBR	D	1700	141	0.08	122	0.07
WBL	1	1700	176	0.10*	66	0.04
WBT	2	3400	237	0.07	160	0.05*
WBR	D	1700	189	0.11	137	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.63

228 - Culver Dr. @ Barranca Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	202	0.06*	226	0.07
NBT	3	5100	803	0.16	1715	0.34*
NBR	1	1700	290	0.17	299	0.18
SBL	2	3400	368	0.11	171	0.05*
SBT	3	5100	1877	0.37*	1349	0.26
SBR	F		373		222	
EBL	2	3400	156	0.05	538	0.16*
EBT	2	3400	633	0.19*	861	0.25
EBR	1	1700	233	0.14	408	0.24
WBL	2	3400	186	0.05*	276	0.08
WBT	3	5100	754	0.17	750	0.18*
WBR	0		104		186	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.78

229 - Culver Dr. @ Alton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	127	0.04*	180	0.05
NBT	4	6800	1114	0.16	2039	0.30*
NBR	1	1700	250	0.15	386	0.23
SBL	2	3400	125	0.04	280	0.08*
SBT	3	5100	1852	0.36*	1351	0.26
SBR	F		313		374	
EBL	2	3400	165	0.05*	296	0.09
EBT	3	5100	439	0.12	865	0.21*
EBR	0		171		192	
WBL	2	3400	303	0.09	243	0.07*
WBT	2	3400	685	0.20*	634	0.19
WBR	1	1700	241	0.14	263	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.71

232 - Culver Dr. @ I-405 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1315	0.26	2398	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1670	0.33*	1718	0.34
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	656	0.19*	634	0.20*
WBT	0		0		0	
WBR	1.5	1700	246	0.14	372	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.72

233 - Culver Dr. @ I-405 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1491	0.29	1740	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1908	0.37*	1524	0.30
SBR	F		0		0	
EBL	1.5	2550	689	0.21*	972	0.29*
EBT	0		0		0	
EBR	1.5	2550	389	0.21	364	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.68

235 - Culver Dr. @ University Dr.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	74	0.02*	60	0.02*
NBT	4	6800	1101	0.16	1334	0.20
NBR	2	3400	685	0.20	919	0.27
SBL	2	3400	44	0.01	58	0.02
SBT	3	5100	1164	0.23*	1197	0.23*
SBR	D	1700	324	0.19	160	0.09
EBL	2	3400	76	0.02	231	0.07
EBT	3	5100	1032	0.20*	1290	0.25*
EBR	D	1700	86	0.05	66	0.04
WBL	2	3400	831	0.24*	692	0.20*
WBT	3	5100	1312	0.27	663	0.14
WBR	0		57		52	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.74		0.75

243 - Yale Av. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04	72	0.04
NBT	2	1700	125	0.07*	58	0.03*
NBR	0	1700	163	0.10	111	0.07
SBL	1	1700	115	0.07*	79	0.05*
SBT	1	1700	92	0.05	52	0.03
SBR	D	1700	141	0.08	139	0.08
EBL	1	1700	158	0.09	103	0.06*
EBT	3	5100	966	0.19*	572	0.11
EBR	D	1700	93	0.05	77	0.05
WBL	1	1700	206	0.12*	149	0.09
WBT	3	5100	628	0.12	1884	0.37*
WBR	D	1700	120	0.07	94	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.56

249 - Yale Av. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	110	0.06*	272	0.16*
NBT	2	3400	261	0.08	341	0.10
NBR	D	1700	116	0.07	134	0.08
SBL	2	3400	255	0.08	160	0.05
SBT	2	3400	513	0.15*	160	0.05*
SBR	D	1700	308	0.18	153	0.09
EBL	1	1700	121	0.07	244	0.14*
EBT	3	5100	753	0.17*	948	0.21
EBR	0		138		129	
WBL	1	1700	179	0.11*	89	0.05
WBT	3	5100	869	0.20	1535	0.34*
WBR	0		171		223	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.74

252 - Yale Av. @ Bryan Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03*	169	0.10*
NBT	2	3400	237	0.07	462	0.14
NBR	D	1700	51	0.03	50	0.03
SBL	1	1700	48	0.03	38	0.02
SBT	2	3400	543	0.16*	296	0.09*
SBR	D	1700	72	0.04	72	0.04
EBL	1	1700	36	0.02*	132	0.08*
EBT	2	3400	237	0.07	438	0.13
EBR	D	1700	63	0.04	97	0.06
WBL	1	1700	54	0.03	36	0.02
WBT	2	3400	353	0.10*	517	0.15*
WBR	D	1700	22	0.01	53	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.47

255 - Yale Av. @ Trabuco Rd.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	132	0.08*	117	0.07
NBT	2	3400	293	0.09	738	0.22*
NBR	D	1700	84	0.05	196	0.12
SBL	1	1700	138	0.08	89	0.05*
SBT	2	3400	528	0.16*	347	0.10
SBR	D	1700	235	0.14	72	0.04
EBL	1	1700	55	0.03	172	0.10*
EBT	2	3400	228	0.07*	369	0.11
EBR	D	1700	64	0.04	114	0.07
WBL	1	1700	145	0.09*	75	0.04
WBT	2	3400	354	0.10	319	0.09*
WBR	D	1700	60	0.04	143	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.51

259 - Yale Av. @ Walnut Av.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	201	0.06*	243	0.07
NBT	2	3400	232	0.11	703	0.25*
NBR	0		142		146	
SBL	1	1700	91	0.05	77	0.05*
SBT	2	3400	593	0.17*	256	0.08
SBR	1	1700	330	0.19	264	0.16
EBL	1	1700	216	0.13*	472	0.28*
EBT	2	3400	469	0.14	417	0.12
EBR	D	1700	367	0.22	171	0.10
WBL	1	1700	127	0.07	68	0.04
WBT	2	3400	358	0.11*	553	0.16*
WBR	D	1700	46	0.03	159	0.09
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.52		0.79

261 - Yale Av. @ ICD
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	132	0.08	97	0.06
NBT	2	3400	150	0.04*	268	0.08*
NBR	D	1700	252	0.15	102	0.06
SBL	1	1700	475	0.28*	128	0.08*
SBT	2	3400	379	0.11	155	0.05
SBR	D	1700	565	0.33	129	0.08
EBL	2	3400	183	0.05	460	0.14*
EBT	3	5100	1243	0.27*	995	0.22
EBR	0		111		145	
WBL	1	1700	111	0.07*	154	0.09
WBT	3	5100	778	0.15	2212	0.43*
WBR	1	1700	154	0.09	529	0.31
Adjustment			NBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.77		0.78

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06	83	0.05
NBT	2	3400	133	0.04*	176	0.05*
NBR	D	1700	102	0.06	71	0.04
SBL	1	1700	192	0.11*	82	0.05*
SBT	2	3400	249	0.07	125	0.04
SBR	D	1700	190	0.11	63	0.04
EBL	2	3400	62	0.02	120	0.04*
EBT	2	3400	1014	0.30*	1088	0.32
EBR	D	1700	69	0.04	65	0.04
WBL	1	1700	80	0.05*	65	0.04
WBT	2	3400	720	0.23	1087	0.37*
WBR	0		77		164	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.56

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	73	0.04	117	0.07
NBT	2	3400	142	0.04*	290	0.09*
NBR	D	1700	206	0.12	189	0.11
SBL	1	1700	391	0.23*	147	0.09*
SBT	2	3400	483	0.14	169	0.05
SBR	D	1700	173	0.10	81	0.05
EBL	1	1700	98	0.06	154	0.09*
EBT	2	3400	671	0.20*	915	0.27
EBR	D	1700	93	0.05	119	0.07
WBL	1	1700	175	0.10*	98	0.06
WBT	2	3400	786	0.23	932	0.27*
WBR	D	1700	209	0.12	344	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.59

268 - W. Yale Loop @ Alton Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	204	0.12*	97	0.06*
NBT	2	3400	236	0.07	144	0.04
NBR	D	1700	300	0.18	194	0.11
SBL	1	1700	40	0.02	42	0.02
SBT	2	3400	188	0.06*	165	0.05*
SBR	D	1700	133	0.08	109	0.06
EBL	1	1700	69	0.04*	47	0.03
EBT	2	3400	664	0.20	1289	0.38*
EBR	D	1700	89	0.05	191	0.11
WBL	1	1700	80	0.05	204	0.12*
WBT	2	3400	940	0.28*	922	0.27
WBR	D	1700	72	0.04	54	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.66

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	194	0.11*	140	0.08*
NBT	2	3400	365	0.11	258	0.08
NBR	D	1700	679	0.40	324	0.19
SBL	2	3400	204	0.06	130	0.04
SBT	2	3400	250	0.07*	194	0.06*
SBR	D	1700	151	0.09	79	0.05
EBL	1	1700	99	0.06	187	0.11
EBT	2	3400	695	0.26*	1005	0.36*
EBR	0		192		208	
WBL	2	3400	273	0.08*	534	0.16*
WBT	2	3400	868	0.26	909	0.27
WBR	D	1700	129	0.08	125	0.07
Adjustment			NBR	0.22		
Overlaps					Clearance	0.05
Total ICU				0.79		0.71

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	346	0.10*	829	0.24*
NBT	2	3400	31	0.01	132	0.04
NBR	1	1700	233	0.14	300	0.18
SBL	2	3400	251	0.07	30	0.01
SBT	3	3400	240	0.07*	13	0.00*
SBR	0	1700	373	0.22	84	0.05
EBL	2	3400	120	0.04	229	0.07*
EBT	3	5100	889	0.17*	521	0.10
EBR	1	1700	848	0.50	217	0.13
WBL	2	3400	387	0.11*	217	0.06
WBT	3	5100	603	0.12	1438	0.28*
WBR	D	1700	55	0.03	229	0.13
Adjustment			Multi	0.26		
Overlaps		E			Clearance	0.05
Total ICU				0.76		0.64

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	134	0.04*	378	0.11
NBT	3	5100	447	0.09	1128	0.22*
NBR	F		197		389	
SBL	2	3400	219	0.06	112	0.03*
SBT	3	5100	974	0.19*	404	0.08
SBR	1	1700	198	0.12	118	0.07
EBL	2	3400	86	0.03	201	0.06*
EBT	3	5100	746	0.15*	795	0.16
EBR	D	1700	225	0.13	156	0.09
WBL	2	3400	411	0.12*	230	0.07
WBT	3	5100	838	0.16	1443	0.28*
WBR	D	1700	138	0.08	237	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.64

284 - Jeffrey Rd. @ Bryan Av.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	81	0.02*	534	0.16
NBT	3	5100	598	0.12	1619	0.32*
NBR	D	1700	83	0.05	326	0.19
SBL	2	3400	31	0.01	47	0.01*
SBT	3	5100	1409	0.28*	644	0.13
SBR	1	1700	141	0.08	146	0.09
EBL	1	1700	133	0.08	154	0.09*
EBT	0.5	850	100	0.10*	202	0.12
EBR	1.5	2550	227	0.10	141	0.08
WBL	2	3400	363	0.11*	138	0.04
WBT	1	1700	147	0.09	183	0.11*
WBR	D	1700	81	0.05	59	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.58

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	220	0.06
NBT	3	5100	629	0.12	2157	0.42*
NBR	1	1700	148	0.09	277	0.16
SBL	2	3400	320	0.09	72	0.02*
SBT	4	6800	1675	0.25*	811	0.12
SBR	1	1700	181	0.11	101	0.06
EBL	2	3400	80	0.02	231	0.07*
EBT	2	3400	220	0.06*	290	0.09
EBR	1	1700	149	0.09	131	0.08
WBL	2	3400	261	0.08*	223	0.07
WBT	2	3400	280	0.08	318	0.09*
WBR	1	1700	86	0.05	158	0.09
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.47		0.65

286 - Jeffrey Rd. @ Roosevelt
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	501	0.15
NBT	4	6800	517	0.08	2340	0.34*
NBR	1	1700	227	0.13	560	0.33
SBL	1	1700	78	0.05	81	0.05*
SBT	3	5100	1890	0.37*	934	0.18
SBR	D	1700	59	0.03	135	0.08
EBL	1	1700	41	0.02	180	0.11*
EBT	1	1700	112	0.07*	162	0.10
EBR	2	3400	355	0.10	437	0.13
WBL	2	3400	858	0.25*	318	0.09
WBT	1	1700	162	0.10	141	0.08*
WBR	1	1700	316	0.19	144	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.79		0.63

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	613	0.12	2307	0.45*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2249	0.44*	1216	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	805	0.24*	609	0.29*
WBT	0		0		0	
WBR	1.5	1700	382	0.22	882	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.79

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	85	0.03*	255	0.08
NBT	3	5100	601	0.12	1537	0.30*
NBR	1	1700	306	0.18	449	0.26
SBL	2	3400	837	0.25	474	0.14*
SBT	3	5100	2065	0.45*	1077	0.32
SBR	0		245		566	0.33
EBL	2	3400	109	0.03	277	0.08
EBT	1.5	3400	595	0.18*	421	0.12*
EBR	1.5	1700	223	0.13	164	0.10
WBL	2	3400	332	0.10*	667	0.20*
WBT	1	1700	31	0.02	230	0.14
WBR	2	3400	146	0.04	956	0.28
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.81

289 - Jeffrey Rd. @ ICD
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	381	0.11*
NBT	4	6800	562	0.08	1451	0.21
NBR	1	1700	169	0.10	192	0.11
SBL	3	5100	183	0.04	112	0.02
SBT	4	6800	1869	0.32*	965	0.19*
SBR	0		326		430	0.25
EBL	2	3400	243	0.07	277	0.08*
EBT	3	5100	1325	0.26*	690	0.14
EBR	F		366		225	
WBL	2	3400	201	0.06*	142	0.04
WBT	4	6800	596	0.09	1936	0.28*
WBR	1	1700	147	0.09	299	0.18
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.71

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	153	0.05*	180	0.05
NBT	3	5100	857	0.17	1380	0.27*
NBR	D	1700	314	0.18	154	0.09
SBL	2	3400	146	0.04	113	0.03*
SBT	3	5100	1782	0.35*	1179	0.23
SBR	D	1700	359	0.21	260	0.15
EBL	2	3400	243	0.07	449	0.13*
EBT	2	3400	860	0.25*	562	0.17
EBR	D	1700	206	0.12	194	0.11
WBL	2	3400	132	0.04*	470	0.14
WBT	2	3400	630	0.19	986	0.29*
WBR	1	1700	59	0.03	218	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.77

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	343	0.10*	415	0.12*
NBT	3	5100	891	0.17	1290	0.25
NBR	1	1700	243	0.14	327	0.19
SBL	2	3400	163	0.05	293	0.09
SBT	3	5100	1826	0.36*	1236	0.24*
SBR	D	1700	114	0.07	231	0.14
EBL	2	3400	231	0.07	241	0.07*
EBT	2	3400	802	0.24*	886	0.26
EBR	1	1700	588	0.35	320	0.19
WBL	3	5100	444	0.09*	424	0.08
WBT	2	3400	840	0.25	1040	0.31*
WBR	D	1700	106	0.06	152	0.09
Adjustment			EBR	0.01		
Overlaps		N E		Clearance		0.05
Total ICU				0.85		0.79

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	941	0.18	1670	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1716	0.34*	1265	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1380	0.27*	979	0.19*
WBT	0		0		0	
WBR	1	1700	118	0.07	403	0.24
Adjustment					WBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.66		0.62

294 - University Dr. @ I-405 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1137	0.22	1383	0.27
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2710	0.53*	2059	0.40*
SBR	F		0		0	
EBL	2	3400	236	0.07*	306	0.09*
EBT	0		0		0	
EBR	1	1700	104	0.06	62	0.04
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.54

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	256	0.08*	887	0.26*
NBT	1	1700	3	0.00	2	0.00
NBR	1	1700	250	0.15	650	0.38
SBL	0		2		4	
SBT	1	1700	2	0.00*	2	0.01*
SBR	0		2		5	
EBL	1	1700	8	0.00	1	0.00*
EBT	2	3400	738	0.22*	468	0.14
EBR	F		564		219	
WBL	2	3400	467	0.14*	283	0.08
WBT	2	3400	626	0.19	827	0.24*
WBR	0		7		1	
Adjustment					NBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.49		0.59

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	164	0.05*	217	0.06
NBT	3	5100	324	0.06	923	0.18*
NBR	2	3400	471	0.14	398	0.12
SBL	2	3400	289	0.09	235	0.07*
SBT	3	5100	752	0.15*	446	0.09
SBR	D	1700	149	0.09	131	0.08
EBL	2	3400	72	0.02	261	0.08*
EBT	4	6800	898	0.13*	932	0.14
EBR	1	1700	204	0.12	101	0.06
WBL	2	3400	661	0.19*	402	0.12
WBT	3	5100	948	0.19	1286	0.25*
WBR	1	1700	165	0.10	416	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.63

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	14	0.00*	89	0.03
NBT	3	5100	542	0.11	1668	0.33*
NBR	F		348		514	
SBL	2	3400	370	0.11	270	0.08*
SBT	3	5100	1368	0.27*	700	0.14
SBR	1	1700	292	0.17	204	0.12
EBL	2	3400	191	0.06	158	0.05*
EBT	3	5100	368	0.07*	316	0.06
EBR	F		50		42	
WBL	2	3400	450	0.13*	216	0.06
WBT	3	5100	418	0.08	438	0.09*
WBR	D	1700	271	0.16	270	0.16
Adjustment					WBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.52		0.61

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	335	0.10	380	0.11
NBT	4	6800	556	0.08*	1319	0.19*
NBR	1	1700	614	0.36	710	0.42
SBL	2	3400	654	0.19*	492	0.14*
SBT	4	6800	1067	0.16	449	0.07
SBR	1	1700	89	0.05	66	0.04
EBL	2	3400	165	0.05	566	0.17
EBT	2	3400	363	0.11*	609	0.18*
EBR	1	1700	296	0.17	278	0.16
WBL	2	3400	1374	0.40*	854	0.25*
WBT	2	3400	459	0.14	501	0.15
WBR	1	1700	191	0.11	434	0.26
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.83		0.81

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1640	0.24	2810	0.41*
NBR	D	1700	183	0.11	526	0.31
SBL	0		195		441	*
SBT	4	6800	2525	0.40*	1256	0.25
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		240		249	
WBT	0		0	*	0	*
WBR	1	1700	327	0.33	238	0.29
Adjustment			WBR	0.21	WBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.66		0.75

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	784	0.12*	1818	0.27*
NBR	1	1700	56	0.03	321	0.19
SBL	2	3400	737	0.22*	491	0.14*
SBT	4	6800	1948	0.29	991	0.15
SBR	0		0		0	
EBL	2.5	3400	1065	0.31*	1522	0.30*
EBT	0		0		0	
EBR	1.5	3400	1091	0.32	462	0.27
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.76

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04*	105	0.06
NBT	3	5100	469	0.09	1219	0.24*
NBR	1	1700	123	0.07	25	0.01
SBL	2	3400	720	0.21	93	0.03*
SBT	3	5100	2116	0.41*	669	0.13
SBR	D	1700	457	0.27	144	0.08
EBL	2	3400	51	0.02*	374	0.11*
EBT	1	1700	29	0.02	65	0.04
EBR	D	1700	45	0.03	64	0.04
WBL	2	3400	45	0.01	172	0.05
WBT	1	1700	77	0.05*	53	0.03*
WBR	F		99		671	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.46

307 - Sand Canyon Av. @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	148	0.04*	226	0.07
NBT	3	5100	502	0.10	759	0.15*
NBR	1	1700	145	0.09	49	0.03
SBL	2	3400	527	0.16	157	0.05*
SBT	3	5100	1406	0.28*	635	0.12
SBR	1	1700	406	0.24	231	0.14
EBL	2	3400	192	0.06	232	0.07*
EBT	3	5100	981	0.19*	625	0.12
EBR	1	1700	83	0.05	137	0.08
WBL	2	3400	75	0.02*	203	0.06
WBT	3	5100	566	0.11	1296	0.25*
WBR	1	1700	136	0.08	226	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.57

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	108	0.03	119	0.04*
NBT	3	5100	1146	0.22*	894	0.18
NBR	D	1700	90	0.05	77	0.05
SBL	2	3400	37	0.01*	72	0.02
SBT	3	5100	1005	0.20	1028	0.20*
SBR	D	1700	135	0.08	297	0.17
EBL	2	3400	281	0.08*	164	0.05*
EBT	2	3400	610	0.18	426	0.13
EBR	1	1700	197	0.12	97	0.06
WBL	2	3400	173	0.05	241	0.07
WBT	2	3400	538	0.16*	1093	0.32*
WBR	1	1700	124	0.07	161	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.66

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	198	0.06	340	0.10*
NBT	3	5100	1093	0.21*	519	0.10
NBR	2	3400	704	0.21	202	0.06
SBL	2	3400	260	0.08*	92	0.03
SBT	3	5100	872	0.17	1102	0.22*
SBR	1	1700	112	0.07	185	0.11
EBL	2	3400	167	0.05	110	0.03
EBT	3	5100	814	0.16*	725	0.14*
EBR	1	1700	251	0.15	295	0.17
WBL	2	3400	370	0.11*	792	0.23*
WBT	3	5100	847	0.17	1024	0.20
WBR	1	1700	134	0.08	235	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.74

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1868	0.55*	817	0.24
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	500	0.15	970	0.29*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	68	0.04*	151	0.09*
WBT	0		0		0	
WBR	F		197		306	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.43

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1166	0.34*	594	0.17*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	2	3400	295	0.09	574	0.17
SBR	F		0		0	
EBL	2	3400	1556	0.46*	499	0.15*
EBT	0		0		0	
EBR	1	1700	243	0.14	359	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.85		0.43

313 - Laguna Canyon Rd. @ ICD
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	49	0.01	134	0.04*
NBT	2	3400	246	0.07*	92	0.03
NBR	D	1700	15	0.01	34	0.02
SBL	2	3400	49	0.01*	211	0.06
SBT	2	3400	87	0.03	186	0.05*
SBR	D	1700	32	0.02	279	0.16
EBL	2	3400	345	0.10*	38	0.01*
EBT	3	5100	885	0.17	785	0.15
EBR	D	1700	142	0.08	144	0.08
WBL	2	3400	50	0.01	13	0.00
WBT	3	5100	815	0.16*	1142	0.22*
WBR	D	1700	188	0.11	70	0.04
Adjustment					SBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.39		0.47

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	59	0.02*	107	0.03*
NBT	2	3400	148	0.04	77	0.02
NBR	D	1700	17	0.01	160	0.09
SBL	2	3400	54	0.02	98	0.03
SBT	2	3400	159	0.05*	185	0.05*
SBR	D	1700	73	0.04	278	0.16
EBL	2	3400	92	0.03*	29	0.01*
EBT	2	3400	545	0.16	477	0.14
EBR	1	1700	91	0.05	66	0.04
WBL	2	3400	101	0.03	61	0.02
WBT	2	3400	763	0.22*	888	0.26*
WBR	D	1700	78	0.05	63	0.04
Adjustment					SBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.37		0.50

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	232	0.14*	203	0.12*
NBT	2	3400	209	0.06	135	0.04
NBR	D	1700	82	0.05	103	0.06
SBL	1	1700	19	0.01	102	0.06
SBT	2	3400	104	0.03*	239	0.07*
SBR	D	1700	26	0.02	96	0.06
EBL	2	3400	106	0.03*	17	0.01*
EBT	2	3400	745	0.22	759	0.22
EBR	1	1700	200	0.12	180	0.11
WBL	2	3400	155	0.05	99	0.03
WBT	2	3400	1137	0.33*	996	0.29*
WBR	1	1700	48	0.03	31	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.54

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	228	0.13*	262	0.15*
SBT	0		0		0	
SBR	2	3400	177	0.05	220	0.06
EBL	0		0		0	*
EBT	4	6800	1575	0.23*	1583	0.23
EBR	D	1700	199	0.12	110	0.06
WBL	2	3400	542	0.16*	182	0.05
WBT	3	5100	1441	0.28	2103	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.61

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	212	0.12*	358	0.21*
NBT	0		0		0	
NBR	1	1700	4	0.00	303	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1762	0.35	1810	0.35
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1838	0.38*	1953	0.42*
WBR	0		110		167	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.68

318 - Banting @ Barranca Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	21	0.01*	35	0.01
NBT	1	1700	22	0.01	150	0.09*
NBR	1	1700	17	0.01	139	0.08
SBL	2	3400	756	0.22	123	0.04*
SBT	2	1700	562	0.33*	229	0.11
SBR	0	1700	707	0.42	136	
EBL	1	1700	55	0.03*	227	0.13*
EBT	2	3400	445	0.13	809	0.24
EBR	D	1700	17	0.01	42	0.02
WBL	1	1700	22	0.01	29	0.02
WBT	2	3400	618	0.18*	700	0.21*
WBR	F		105		855	
Adjustment			SBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.67		0.52

319 - Banting @ Alton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	7	0.00
NBT	1	1700	5	0.00*	41	0.02*
NBR	1	1700	13	0.01	71	0.04
SBL	2	3400	165	0.05*	212	0.06*
SBT	1	1700	69	0.04	5	0.00
SBR	1	1700	303	0.18	30	0.02
EBL	2	3400	26	0.01*	29	0.01*
EBT	2	3400	634	0.19	1033	0.30
EBR	D	1700	26	0.02	3	0.00
WBL	1	1700	52	0.03	10	0.01
WBT	2	3400	1274	0.37*	1038	0.31*
WBR	D	1700	100	0.06	193	0.11
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.60		0.45

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	851	0.17*	191	0.04
NBT	3	5100	2622	0.51	2904	0.57*
NBR	1	1700	7	0.00	12	0.01
SBL	2	3400	77	0.02	117	0.03*
SBT	3	5100	2094	0.41*	2588	0.51
SBR	1	1700	864	0.51	469	0.28
EBL	3	5100	299	0.06*	612	0.12*
EBT	1	1700	44	0.03	54	0.03
EBR	F		104		580	
WBL	1	1700	7	0.00	7	0.00
WBT	2	3400	142	0.04*	22	0.01*
WBR	D	1700	114	0.07	95	0.06
Adjustment			SBR	0.05	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.78		0.81

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1039	0.31*	1029	0.30
NBR	1	1700	272	0.16	113	0.07
SBL	1	1700	157	0.09*	249	0.15
SBT	3	5100	1414	0.28	2424	0.48*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	175	0.10*	63	0.04*
WBT	0		0		0	
WBR	1.5	3400	1576	0.46	950	0.28
Adjustment			WBR	0.29	WBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.84		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1226	0.36*	961	0.28
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	862	0.25	997	0.29*
SBR	F		0		0	
EBL	0.5	1700	149	0.09*	189	0.11*
EBT	0		0		0	
EBR	1.5	1700	44	0.03	202	0.12
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.50		0.46

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	872	0.26*	1049	0.31*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	726	0.21	560	0.16
SBR	1	1700	32	0.02	50	0.03
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	214	0.13	147	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.44		0.45

325 - Portola Pkwy. @ SR-241 SB Ramps
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	625	0.18*	871	0.26*
NBR	1.5	1700	0		24	0.01
SBL	1	1700	86	0.05*	131	0.08*
SBT	2	3400	494	0.15	433	0.13
SBR	0		0		0	
EBL	0.5	1700	90	0.05*	45	0.03*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.42

326 - Ada @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	33	0.02*	75	0.04*
NBT	2	3400	76	0.02	82	0.02
NBR	D	1700	64	0.04	182	0.11
SBL	2	3400	54	0.02	92	0.03
SBT	1	1700	97	0.06*	136	0.08*
SBR	1	1700	16	0.01	55	0.03
EBL	1	1700	13	0.01*	38	0.02
EBT	2	3400	501	0.15	1091	0.32*
EBR	D	1700	182	0.11	64	0.04
WBL	1	1700	178	0.10	88	0.05*
WBT	2	3400	1096	0.32*	712	0.21
WBR	1	1700	40	0.02	34	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.54

327 - Barranca Pkwy. @ Technology
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	388	0.11*	56	0.02
NBT	2	3400	875	0.26	695	0.20*
NBR	1	1700	419	0.25	568	0.33
SBL	2	3400	126	0.04	194	0.06*
SBT	2	3400	722	0.21*	797	0.23
SBR	1	1700	172	0.10	39	0.02
EBL	1	1700	30	0.02*	199	0.12
EBT	1.5	3400	75	0.02	294	0.14*
EBR	1.5	1700	33	0.02	430	0.14
WBL	2	3400	181	0.05	531	0.16*
WBT	2	3400	346	0.10*	104	0.03
WBR	D	1700	110	0.06	110	0.06
Adjustment					NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.49		0.62

328 - Barranca Pkwy. @ I-5 HOV Ramp
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04	245	0.14*
NBT	2	3400	1502	0.44*	1289	0.38
NBR	0		0		0	
SBL	0		0	*	0	
SBT	3	5100	1001	0.20	1521	0.30*
SBR	D	1700	9	0.01	140	0.08
EBL	1	1700	84	0.05*	117	0.07*
EBT	0		0		0	
EBR	1	1700	390	0.23	78	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.56

329 - Barranca Pkwy. @ ICD
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	132	0.04	21	0.01
NBT	2	3400	820	0.24*	791	0.23*
NBR	1	1700	151	0.09	153	0.09
SBL	2	3400	281	0.08*	261	0.08*
SBT	2	3400	687	0.20	988	0.29
SBR	1	1700	565	0.33	286	0.17
EBL	2	3400	187	0.06*	507	0.15
EBT	3	5100	599	0.12	1179	0.23*
EBR	1	1700	41	0.02	236	0.14
WBL	2	3400	149	0.04	340	0.10*
WBT	3	5100	1266	0.25*	913	0.18
WBR	1	1700	406	0.24	424	0.25
Adjustment					WBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.68		0.70

330 - Barranca Pkwy. @ Pacifica
Buildout Approved No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	186	0.11*	43	0.03*
NBT	2	3400	701	0.21	617	0.18
NBR	1	1700	420	0.25	465	0.27
SBL	1	1700	51	0.03	137	0.08
SBT	2	3400	603	0.18*	1300	0.38*
SBR	D	1700	200	0.12	17	0.01
EBL	2	3400	8	0.00*	109	0.03
EBT	2	1700	16	0.01	115	0.07*
EBR	0	1700	21	0.01	297	0.17
WBL	2	3400	182	0.05	271	0.08*
WBT	1	1700	193	0.11*	29	0.02
WBR	1	1700	390	0.23	201	0.12
Adjustment				WBR 0.06	EBR	0.08
Overlaps					Clearance	0.05
Total ICU				0.51		0.69

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	113	0.03*	425	0.13*
NBT	2	3400	159	0.05	197	0.06
NBR	D	1700	11	0.01	24	0.01
SBL	2	3400	121	0.04	59	0.02
SBT	2	3400	275	0.08*	117	0.03*
SBR	D	1700	52	0.03	466	0.27
EBL	1	1700	510	0.30*	191	0.11*
EBT	2	3400	380	0.11	77	0.02
EBR	1	1700	366	0.22	98	0.06
WBL	1	1700	15	0.01	9	0.01
WBT	1	1700	63	0.04*	209	0.12*
WBR	1	1700	56	0.03	150	0.09
Adjustment					SBR	0.16
Overlaps					Clearance	0.05
Total ICU				0.50		0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	144	0.08	265	0.16*
NBT	2	3400	21	0.01*	113	0.03
NBR	F		275		472	
SBL	1	1700	225	0.13*	116	0.07
SBT	2	3400	109	0.03	29	0.01*
SBR	D	1700	19	0.01	10	0.01
EBL	2	3400	5	0.00	0	
EBT	2	3400	933	0.27*	831	0.24*
EBR	F		290		197	
WBL	2	3400	448	0.13*	202	0.06*
WBT	3	5100	826	0.16	840	0.16
WBR	F		95		218	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.52

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	200	0.12*	349	0.21*
NBT	3	5100	441	0.09	880	0.17
NBR	F		147		351	
SBL	1	1700	86	0.05	51	0.03
SBT	3	5100	706	0.14*	475	0.09*
SBR	F		277		192	
EBL	2	3400	172	0.05	207	0.06*
EBT	0		0	*	0	
EBR	F		495		169	
WBL	2	3400	430	0.13*	91	0.03
WBT	0		0		0	*
WBR	F		87		85	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.41

338 - Alton Pkwy. @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	121	0.04*	441	0.13
NBT	3	5100	511	0.10	1307	0.26*
NBR	F		33		81	
SBL	2	3400	207	0.06	89	0.03*
SBT	3	5100	1511	0.30*	565	0.11
SBR	F		277		765	
EBL	3	5100	469	0.09*	318	0.06*
EBT	3	5100	516	0.10	396	0.08
EBR	D	1700	433	0.25	97	0.06
WBL	2	3400	128	0.04	67	0.02
WBT	3	5100	350	0.07*	602	0.12*
WBR	1	1700	45	0.03	164	0.10
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.65		0.52

339 - Alton Pkwy. @ Toledo Wy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	63	0.04*	75	0.04
NBT	3	5100	638	0.13	1528	0.30*
NBR	F		93		194	
SBL	1	1700	95	0.06	61	0.04*
SBT	3	5100	1627	0.32*	708	0.14
SBR	0		9		13	
EBL	1	1700	23	0.01	6	0.00
EBT	1	1700	96	0.11*	48	0.06*
EBR	0		90		48	
WBL	1	1700	147	0.09*	67	0.04*
WBT	1	1700	60	0.04	58	0.03
WBR	1	1700	119	0.07	100	0.06
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				0.61		0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03*	19	0.01
NBT	3	5100	1011	0.20	1472	0.29*
NBR	F		261		379	
SBL	2	3400	156	0.05	90	0.03*
SBT	3	5100	1552	0.31*	1013	0.20
SBR	0		26		7	
EBL	1	1700	3	0.00	25	0.01
EBT	1	1700	7	0.00*	33	0.02*
EBR	F		13		60	
WBL	2	3400	385	0.11*	284	0.08*
WBT	1	1700	39	0.02	8	0.00
WBR	1	1700	101	0.06	143	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.50		0.47

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	7	0.00
NBT	3	5100	784	0.15	1005	0.20*
NBR	1	1700	226	0.13	349	0.21
SBL	2	3400	151	0.04	114	0.03*
SBT	3	5100	1060	0.21*	723	0.14
SBR	F		1034		574	
EBL	2	3400	521	0.15*	706	0.21*
EBT	2	3400	219	0.07	458	0.14
EBR	0		9		4	
WBL	2	3400	183	0.05	131	0.04
WBT	2	3400	310	0.11*	265	0.12*
WBR	0		62		148	

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.53 0.61

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	18	0.01*	35	0.02*
NBT	1	1700	6	0.00	2	0.00
NBR	1	1700	91	0.05	349	0.21
SBL	1	1700	5	0.00	25	0.01
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		5		29	
EBL	1	1700	35	0.02	4	0.00
EBT	3	5100	1173	0.23*	1265	0.25*
EBR	D	1700	20	0.01	16	0.01
WBL	1	1700	297	0.17*	48	0.03*
WBT	3	5100	1282	0.25	1317	0.26
WBR	D	1700	27	0.02	2	0.00

Adjustment NBR 0.16
Overlaps Clearance 0.05

Total ICU 0.46 0.53

343 - Alton Pkwy. @ Ada
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	251	0.07*	156	0.05*
NBT	3	5100	1151	0.23	1118	0.22
NBR	D	1700	7	0.00	10	0.01
SBL	1	1700	8	0.00	24	0.01
SBT	3	5100	1154	0.23*	1296	0.25*
SBR	D	1700	101	0.06	119	0.07
EBL	1	1700	54	0.03*	137	0.08*
EBT	1	1700	56	0.03	27	0.02
EBR	1	1700	259	0.15	246	0.14
WBL	1	1700	12	0.01	14	0.01
WBT	1	1700	22	0.03*	28	0.02*
WBR	0		24		5	

Adjustment EBR 0.05 EBR 0.01
Overlaps Clearance 0.05

Total ICU 0.46 0.46

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	681	0.20*	664	0.20*
NBT	3	5100	1186	0.23	812	0.16
NBR	1	1700	612	0.36	287	0.17
SBL	1	1700	35	0.02	55	0.03
SBT	4	6800	1132	0.17*	1179	0.17*
SBR	1	1700	233	0.14	355	0.21
EBL	1.5	2550	211	0.07*	414	0.13*
EBT	1.5	2550	147	0.07	247	0.13
EBR	2	3400	406	0.12	1111	0.33
WBL	2.5	4250	348	0.09	637	0.13
WBT	1.5	2550	249	0.09*	278	0.13*
WBR	D	1700	39	0.02	19	0.01

Adjustment
Overlaps E Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.58 0.68

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2161	0.42*	1588	0.31
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1429	0.28	1664	0.33*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	892	0.25*	156	0.05*
WBT	0		0		0	
WBR	0.5	850	375	0.25	185	0.11

Adjustment WBR 0.04
Overlaps Clearance 0.05

Total ICU 0.72 0.47

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1207	0.24	1486	0.29*
NBR	1	1700	62	0.04	206	0.12
SBL	1	1700	258	0.15	510	0.30*
SBT	3	5100	2131	0.42*	1334	0.26
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	199	0.06*	139	0.04*
WBT	0		0		0	
WBR	2	3400	1243	0.37	894	0.26

Adjustment WBR 0.14
Overlaps W Clearance 0.05

Total ICU 0.67 0.68

348 - Alton Pkwy. @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01	30	0.01
NBT	4	6800	441	0.06*	713	0.10*
NBR	F		137		183	
SBL	2	3400	447	0.13*	371	0.11*
SBT	3	5100	897	0.18	744	0.15
SBR	1	1700	253	0.15	120	0.07
EBL	2	3400	75	0.02	319	0.09
EBT	3	5100	645	0.13*	1058	0.21*
EBR	1	1700	15	0.01	61	0.04
WBL	2	3400	308	0.09	346	0.10
WBT	2.5	4250	815	0.21*	902	0.22*
WBR	1.5	2550	597	0.21	564	0.22
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.58		0.69

350 - Alton Pkwy. @ Pacifica
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01*	160	0.05*
NBT	3	5100	561	0.11	903	0.18
NBR	D	1700	251	0.15	229	0.13
SBL	2	3400	22	0.01	62	0.02
SBT	2	3400	1122	0.33*	1048	0.31*
SBR	1	1700	123	0.07	94	0.06
EBL	2	3400	136	0.04	85	0.03
EBT	2	3400	365	0.11*	141	0.04*
EBR	D	1700	140	0.08	40	0.02
WBL	1	1700	166	0.10*	204	0.12*
WBT	2	3400	170	0.05	368	0.11
WBR	D	1700	43	0.03	49	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.57

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	25	0.01*	112	0.03*
NBT	2	1700	5	0.00	79	0.03
NBR	0	1700	17	0.01	39	
SBL	2	3400	215	0.06	401	0.12
SBT	1	1700	553	0.33*	347	0.20*
SBR	F		1333		601	
EBL	1	1700	108	0.06*	442	0.26*
EBT	2	3400	122	0.04	204	0.06
EBR	1	1700	83	0.05	66	0.04
WBL	1	1700	13	0.01	41	0.02
WBT	2	3400	78	0.02*	314	0.09*
WBR	1	1700	10	0.01	113	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.47		0.63

356 - Pacifica @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00*	82	0.02
NBT	2	3400	15	0.00	95	0.03*
NBR	D	1700	247	0.15	624	0.37
SBL	2	3400	103	0.03	319	0.09*
SBT	2	3400	219	0.06*	76	0.02
SBR	1	1700	50	0.03	116	0.07
EBL	2	3400	41	0.01*	100	0.03
EBT	3	5100	1123	0.22	1476	0.29*
EBR	D	1700	89	0.05	39	0.02
WBL	2	3400	273	0.08	229	0.07*
WBT	3	5100	1761	0.35*	1415	0.28
WBR	1	1700	173	0.10	156	0.09
Adjustment			NBR	0.01	NBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.48		0.82

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	279	0.16	228	0.12*
NBT	0.5	1700	330	0.19*	171	0.12
NBR	F		36		172	
SBL	1	1700	14	0.01*	53	0.03
SBT	1	1700	17	0.01	167	0.10*
SBR	1	1700	34	0.02	220	0.13
EBL	1	1700	187	0.11*	334	0.20*
EBT	1	1700	79	0.05	299	0.18
EBR	F		314		625	
WBL	1	1700	23	0.01	125	0.07
WBT	2	1700	37	0.02*	275	0.09*
WBR	0	1700	42	0.02	43	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.56

358 - ICD @ Entertainment Wy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2061	0.40*	1594	0.31
NBR	F		491		1256	
SBL	1	1700	5	0.00*	46	0.03
SBT	3	5100	907	0.18	1868	0.37*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	124	0.04*	460	0.14*
WBT	0		0		0	
WBR	F		251		267	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.56

359 - ICD @ I-405 SB Ramps
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1576	0.23*	2218	0.33
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	817	0.16	1840	0.36*
SBR	F		0		0	
EBL	3	5100	997	0.20*	638	0.13*
EBT	0		0		0	
EBR	F		926		735	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.54

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	83	0.06*	271	0.13
NBT	1	1700	165	0.06	218	0.13*
NBR	1.5	2550	129	0.06	392	0.13
SBL	1	1700	91	0.05	200	0.12*
SBT	2	3400	364	0.11*	177	0.05
SBR	D	1700	376	0.22	239	0.14
EBL	2	3400	422	0.12*	323	0.10
EBT	3	5100	736	0.14	1124	0.22*
EBR	D	1700	226	0.13	133	0.08
WBL	2	3400	517	0.15	258	0.08*
WBT	3	5100	920	0.18*	980	0.19
WBR	D	1700	57	0.03	33	0.02
Adjustment			SBR	0.02		
Overlaps				Clearance		0.05
Note: Assumes N/S Split Phase						
Total ICU				0.54		0.60

362 - Bake Pkwy. @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	194	0.06	163	0.05
NBT	3	5100	1560	0.34*	1253	0.37*
NBR	0		159		773	0.45
SBL	1	1700	96	0.06*	270	0.16*
SBT	3	5100	952	0.19	1293	0.25
SBR	1	1700	104	0.06	142	0.08
EBL	2	3400	123	0.04	131	0.04
EBT	2.5	4250	277	0.06*	802	0.16*
EBR	1.5	2550	160	0.06	275	0.16
WBL	2	3400	669	0.20*	433	0.13*
WBT	4	6800	627	0.09	395	0.06
WBR	D	1700	196	0.12	157	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.87

363 - Bake Pkwy. @ Toledo Wy.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	340	0.20*	99	0.06
NBT	3	5100	1887	0.37	1990	0.39*
NBR	D	1700	58	0.03	399	0.23
SBL	1	1700	73	0.04	76	0.04*
SBT	3	5100	1610	0.32*	1895	0.37
SBR	D	1700	130	0.08	37	0.02
EBL	2	3400	40	0.01*	133	0.04
EBT	2	3400	42	0.01	261	0.08*
EBR	1	1700	63	0.04	225	0.13
WBL	2	3400	307	0.09	55	0.02*
WBT	2	3400	254	0.10*	50	0.03
WBR	0		82		90	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.58

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	512	0.15	74	0.02
NBT	3	5100	2144	0.42*	2341	0.46*
NBR	D	1700	92	0.05	536	0.32
SBL	1	1700	72	0.04*	119	0.07*
SBT	4	6800	1830	0.28	1989	0.30
SBR	0		78		20	
EBL	2	3400	11	0.00	78	0.02
EBT	2	3400	70	0.02*	493	0.14*
EBR	1	1700	111	0.07	450	0.26
WBL	1	1700	434	0.26*	237	0.14*
WBT	3	5100	595	0.13	138	0.04
WBR	0		93		92	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.79		0.86

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	312	0.09*	82	0.02
NBT	4	6800	2608	0.38	2813	0.41*
NBR	F		156		387	
SBL	2	3400	56	0.02	209	0.06*
SBT	4	6800	2340	0.34*	2453	0.36
SBR	F		109		44	
EBL	2	3400	14	0.00*	193	0.06
EBT	2	3400	94	0.03	708	0.21*
EBR	F		136		261	
WBL	2	3400	281	0.08	160	0.05*
WBT	2	3400	433	0.13*	170	0.05
WBR	F		80		110	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	204	0.06*	85	0.03
NBT	4	6800	2782	0.41	3399	0.50*
NBR	F		673		632	
SBL	2	3400	85	0.03	44	0.01*
SBT	4	6800	2955	0.43*	2731	0.40
SBR	1	1700	8	0.00	1	0.00
EBL	1	1700	1	0.00	3	0.00
EBT	2	3400	21	0.01*	19	0.01*
EBR	F		48		461	
WBL	3	5100	285	0.06*	888	0.17*
WBT	1	1700	62	0.04	17	0.01
WBR	D	1700	107	0.06	37	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3366	0.50*	3176	0.47*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	902	0.18	1855	0.36
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	169	0.10*	92	0.05*
WBT	0		0		0	
WBR	3	5100	1016	0.20	562	0.11
Adjustment			WBR	0.10	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.75		0.63

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	795	0.16*	1284	0.25*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	726	0.14	1024	0.20
SBR	F		0		0	
EBL	3	5100	3021	0.59*	2687	0.53*
EBT	0		0		0	
EBR	1	1700	551	0.32	174	0.10
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.83

371 - Bake Pkwy. @ Research Dr.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	22	0.01	4	0.00
NBT	3	5100	428	0.08*	391	0.08*
NBR	D	1700	24	0.01	11	0.01
SBL	2	3400	368	0.11*	221	0.07*
SBT	3	5100	455	0.09	627	0.12
SBR	1	1700	483	0.28	333	0.20
EBL	2	3400	130	0.04*	436	0.13*
EBT	2	3400	101	0.03	139	0.04
EBR	D	1700	20	0.01	24	0.01
WBL	1	1700	12	0.01	12	0.01
WBT	1	1700	109	0.06*	109	0.06*
WBR	2	3400	296	0.09	631	0.19
Adjustment			SBR	0.07	WBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.41		0.47

372 - Bake Pkwy. @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	98	0.03	150	0.04
NBT	3	5100	235	0.05*	146	0.03*
NBR	D	1700	66	0.04	40	0.02
SBL	2	3400	214	0.06*	377	0.11*
SBT	3	5100	215	0.04	250	0.05
SBR	D	1700	18	0.01	29	0.02
EBL	2	3400	19	0.01	18	0.01
EBT	3	5100	942	0.18*	1280	0.25*
EBR	F		155		180	
WBL	2	3400	48	0.01*	116	0.03*
WBT	4	6800	899	0.13	1037	0.15
WBR	D	1700	219	0.13	249	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.47

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	161	0.05*	262	0.08
NBT	2	3400	629	0.19	995	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	656	0.19*	634	0.19
SBR	1	1700	119	0.07	147	0.09
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	40	0.02	175	0.10
NBT	2	3400	156	0.05*	255	0.08*
NBR	D	1700	125	0.07	183	0.11
SBL	1	1700	172	0.10*	131	0.08*
SBT	2	3400	257	0.08	161	0.05
SBR	D	1700	8	0.00	45	0.03
EBL	2	3400	55	0.02*	41	0.01
EBT	3	5100	765	0.15	1551	0.30*
EBR	D	1700	120	0.07	119	0.07
WBL	2	3400	256	0.08	136	0.04*
WBT	3	5100	1451	0.28*	1070	0.21
WBR	D	1700	245	0.14	153	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.55

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	664	0.20	1151	0.34*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	712	0.21*	554	0.16
SBR	0		0		0	
EBL	2	3400	125	0.04*	113	0.03*
EBT	0		0		0	
EBR	1	1700	317	0.19	180	0.11
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.15		
Overlaps				Clearance		0.05
Total ICU				0.45		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	337	0.10*
NBT	3	5100	790	0.15	1093	0.21
NBR	1	1700	124	0.07	338	0.20
SBL	2	3400	223	0.07	302	0.09
SBT	3	5100	1105	0.25*	1004	0.22*
SBR	0		146		142	
EBL	2	3400	168	0.05	530	0.16*
EBT	3	5100	574	0.11*	1072	0.21
EBR	1	1700	299	0.18	165	0.10
WBL	2	3400	453	0.13*	192	0.06
WBT	3	5100	880	0.17	575	0.11*
WBR	1	1700	376	0.22	277	0.16
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.62		0.64

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	80	0.05*	95	0.06
NBT	3	5100	1116	0.22	1725	0.34*
NBR	D	1700	84	0.05	189	0.11
SBL	1	1700	41	0.02	38	0.02*
SBT	3	5100	1597	0.31*	1311	0.26
SBR	D	1700	64	0.04	18	0.01
EBL	1	1700	24	0.01	88	0.05
EBT	2	1700	85	0.05*	337	0.13*
EBR	0	1700	97	0.06	90	
WBL	1	1700	142	0.08*	63	0.04*
WBT	2	3400	276	0.10	82	0.03
WBR	0		58		26	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.58

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	96	0.06*	111	0.07
NBT	3	5100	812	0.16	1515	0.30*
NBR	1	1700	137	0.08	266	0.16
SBL	2	3400	203	0.06	162	0.05*
SBT	3	5100	1255	0.25*	1091	0.21
SBR	1	1700	296	0.17	166	0.10
EBL	1	1700	94	0.06*	226	0.13
EBT	2	3400	191	0.06	642	0.19*
EBR	1	1700	90	0.05	87	0.05
WBL	1	1700	324	0.19	45	0.03*
WBT	2	3400	718	0.21*	198	0.06
WBR	1	1700	388	0.23	54	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.62

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	59	0.02
NBT	4	6800	851	0.15	1694	0.30*
NBR	0		137		321	
SBL	2	3400	135	0.04	158	0.05*
SBT	3	5100	1353	0.27*	1135	0.22
SBR	1	1700	168	0.10	72	0.04
EBL	2	3400	65	0.02*	277	0.08
EBT	2	3400	173	0.05	856	0.25*
EBR	1	1700	42	0.02	123	0.07
WBL	2	3400	318	0.09	169	0.05*
WBT	2	3400	604	0.18*	295	0.09
WBR	1	1700	178	0.10	102	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.54		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	514	0.15*	356	0.10
NBT	3	5100	953	0.19	1865	0.37*
NBR	1	1700	144	0.08	517	0.30
SBL	2	3400	99	0.03	205	0.06*
SBT	4	6800	1465	0.23*	1253	0.20
SBR	0		128		127	
EBL	2	3400	45	0.01*	191	0.06*
EBT	2	3400	139	0.04	401	0.12
EBR	2	3400	310	0.09	476	0.14
WBL	3	5100	424	0.08	468	0.09
WBT	2	3400	380	0.15*	317	0.16*
WBR	0		125		210	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.70

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2325	0.46*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1221	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	195	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	474	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.65

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	746	0.12	1326	0.21*
NBR	0		67		130	
SBL	2	3400	361	0.11	515	0.15*
SBT	3	5100	1286	0.25*	845	0.17
SBR	F		0		0	
EBL	3	5100	651	0.13	1699	0.33
EBT	0.5	850	337	0.31*	582	0.34*
EBR	1.5	2550	703	0.31	270	0.16
WBL	2	3400	185	0.05*	127	0.04*
WBT	0		0		0	
WBR	2	3400	163	0.05	323	0.10

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.66 0.79

385 - Lake Forest Dr. @ ICD
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01	31	0.01
NBT	3	5100	269	0.05*	484	0.09*
NBR	1	1700	96	0.06	440	0.26
SBL	2	3400	661	0.19*	793	0.23*
SBT	3	5100	699	0.14	325	0.06
SBR	F		136		97	
EBL	2	3400	71	0.02	188	0.06
EBT	3	5100	610	0.12*	1447	0.28*
EBR	D	1700	21	0.01	16	0.01
WBL	2	3400	492	0.14*	183	0.05*
WBT	3	5100	1127	0.22	710	0.14
WBR	1	1700	375	0.22	241	0.14

Adjustment NBR 0.13
Overlaps Clearance 0.05

Total ICU 0.55 0.83

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06*	165	0.10
NBT	2	3400	152	0.04	232	0.07*
NBR	D	1700	103	0.06	251	0.15
SBL	1	1700	117	0.07	162	0.10*
SBT	2	3400	253	0.07*	215	0.06
SBR	D	1700	108	0.06	66	0.04
EBL	1	1700	36	0.02*	37	0.02
EBT	2	3400	353	0.10	1182	0.35*
EBR	1	1700	43	0.03	51	0.03
WBL	1	1700	97	0.06	116	0.07*
WBT	2	3400	874	0.26*	443	0.13
WBR	1	1700	99	0.06	61	0.04

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.46 0.67

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	749	0.22*	623	0.21*
NBT	1.5	1700	309	0.18	430	0.21
NBR	1	1700	399	0.23	557	0.33
SBL	1.5	1700	2	0.00	56	0.03
SBT	1.5	3400	386	0.11*	272	0.08*
SBR	D	1700	4	0.00	59	0.03
EBL	1	1700	1	0.00	162	0.10
EBT	2	1700	8	0.00*	544	0.32*
EBR	0	1700	306	0.18	678	0.40
WBL	1	1700	599	0.35*	182	0.11*
WBT	2	3400	22	0.01	209	0.08
WBR	0		2		65	

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.74 0.77

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		47	0.03
NBT	2	3400	327	0.10*	399	0.12*
NBR	1	1700	0		210	0.12
SBL	2	3400	594	0.17*	809	0.24*
SBT	2	3400	397	0.20	184	0.11
SBR	0		296		181	
EBL	1	1700	499	0.29*	959	0.56*
EBT	2	3400	0		504	0.18
EBR	0		0		114	
WBL	1	1700	0		56	0.03
WBT	2	1700	0	*	56	0.03*
WBR	0	1700	637	0.37	473	0.28
Adjustment			WBR	0.24	WBR	0.07
Overlaps					Clearance	0.05
Total ICU				0.85		1.07

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	108	0.06
NBT	2	3400	150	0.04*	223	0.07*
NBR	1	1700	89	0.05	99	0.06
SBL	2	3400	167	0.05*	249	0.07*
SBT	2	3400	140	0.04	134	0.04
SBR	1	1700	52	0.03	55	0.03
EBL	2	3400	39	0.01*	89	0.03
EBT	4	6800	962	0.17	2225	0.34*
EBR	0		166		89	
WBL	2	3400	98	0.03	86	0.03*
WBT	4	6800	1911	0.28*	942	0.14
WBR	1	1700	194	0.11	192	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.56

390 - Paseo de Valencia @ Avenida Carlota
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	155	0.05*	252	0.07*
NBT	1	1700	34	0.02	101	0.06
NBR	1	1700	20	0.01	77	0.05
SBL	2.5	3400	765	0.23	776	0.18
SBT	1.5	3400	760	0.25*	374	0.18*
SBR	0		78		55	
EBL	2	3400	319	0.09*	451	0.13*
EBT	2	3400	247	0.07	614	0.18
EBR	1	1700	87	0.05	363	0.21
WBL	1	1700	7	0.00	18	0.01
WBT	2	3400	411	0.12*	340	0.10*
WBR	1	1700	503	0.30	497	0.29
Adjustment						
Overlaps			N W		Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.56		0.53

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	152	0.08*	157	0.06*
NBT	0		0		0	
NBR	1.5	2550	279	0.08	169	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	964	0.19	2486	0.49*
EBR	1	1700	150	0.09	131	0.08
WBL	1	1700	179	0.11	211	0.12*
WBT	3	5100	2130	0.42*	1024	0.20
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.72

392 - El Toro Rd. @ Muirlands Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	210	0.06
NBT	4	6800	938	0.15	1646	0.29*
NBR	0		90		325	
SBL	2	3400	289	0.09	212	0.06*
SBT	4	6800	1515	0.28*	1183	0.19
SBR	0		421		131	
EBL	2	3400	241	0.07*	287	0.08
EBT	2	3400	260	0.08	870	0.26*
EBR	1	1700	120	0.07	328	0.19
WBL	2	3400	331	0.10	319	0.09*
WBT	2	3400	668	0.20*	317	0.09
WBR	1	1700	346	0.20	197	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.75

393 - El Toro Rd. @ Rockfield Bl.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	347	0.10*	432	0.13*
NBT	4	6800	901	0.13	1684	0.25
NBR	D	1700	151	0.09	239	0.14
SBL	2	3400	190	0.06	204	0.06
SBT	4	6800	1654	0.26*	1446	0.23*
SBR	0		81		115	
EBL	2	3400	92	0.03	391	0.12
EBT	2	3400	213	0.06*	525	0.15*
EBR	F		160		186	
WBL	2	3400	391	0.12*	283	0.08*
WBT	2	3400	310	0.09	230	0.07
WBR	1	1700	179	0.11	144	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.64

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	3400	813	0.24	1624	0.40*
NBR	1.5	3400	906	0.27	1112	0.40
SBL	0		0		0	*
SBT	5	8500	2250	0.26*	2030	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	582	0.23*	509	0.27*
WBT	0		0		0	
WBR	1.5	2550	614	0.23	843	0.27

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.54 0.72

396 - El Toro Rd. @ Avenida Carlota
Buildout Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		4		2	
NBT	4	6800	1324	0.20*	2044	0.30*
NBR	D	1700	64	0.04	152	0.09
SBL	2	3400	71	0.02*	221	0.07*
SBT	3	5100	835	0.16	973	0.19
SBR	1	1700	797	0.47	667	0.39
EBL	3	5100	540	0.11*	680	0.13
EBT	2	3400	232	0.07	642	0.19*
EBR	1	1700	181	0.11	147	0.09
WBL	0.5	850	45	0.06	63	0.06*
WBT	1.5	2550	173	0.06*	136	0.06
WBR	2	3400	203	0.06	458	0.13

Adjustment SBR 0.14
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.58 0.67

397 - El Toro Rd. @ Paseo de Valencia
Buildout Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02	183	0.05
NBT	3	5100	742	0.15*	1078	0.21*
NBR	1	1700	226	0.13	331	0.19
SBL	2	3400	295	0.09*	252	0.07*
SBT	3	5100	534	0.11	676	0.14
SBR	0		8		21	
EBL	1	1700	17	0.01	36	0.02
EBT	2	3400	547	0.16*	487	0.14*
EBR	1	1700	244	0.14	188	0.11
WBL	2	3400	347	0.10*	401	0.12*
WBT	2	3400	147	0.04	205	0.06
WBR	1	1700	363	0.21	445	0.26

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.55 0.59

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	392	0.12*	278	0.08
NBT	3	5100	636	0.12	891	0.17*
NBR	1	1700	145	0.09	215	0.13
SBL	2	3400	278	0.08	289	0.09*
SBT	3	5100	627	0.12*	632	0.12
SBR	1	1700	211	0.12	230	0.14
EBL	2	3400	242	0.07*	356	0.10
EBT	3	5100	712	0.14	2086	0.41*
EBR	1	1700	248	0.15	451	0.27
WBL	2	3400	267	0.08	212	0.06*
WBT	3	5100	1832	0.36*	893	0.18
WBR	1	1700	319	0.19	358	0.21

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.72 0.78

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Approved No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	611	0.12*	727	0.14*
NBR	F		891		1284	
SBL	1	1700	56	0.03*	161	0.09*
SBT	3	5100	679	0.13	555	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1300	0.38*	1049	0.31*
WBT	0		0		0	
WBR	1	1700	110	0.06	88	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.59

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Approved No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1399	0.41*	2042	0.60*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	660	0.39	695	0.33
SBR	1.5	3400	1505	0.44	983	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	141	0.04	135	0.04
WBT	2	3400	627	0.18*	244	0.07*
WBR	1	1700	50	0.03	1	0.00

Adjustment SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.67 0.72

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Approved No Project-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	679	0.20	729	0.21
NBR	1	1700	137	0.08	109	0.06
SBL	1	1700	6	0.00	19	0.01
SBT	2	3400	789	0.23*	823	0.24*
SBR	0		0		0	
EBL	1.5	3400	743	0.22*	1355	0.40*
EBT	1.5	1700	117	0.07	294	0.17
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.69

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	553	0.16*	900	0.26*
NBT	0		0		0	
NBR	1.5	1700	35	0.02	80	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	716	0.21*	847	0.25*
EBR	F		365		240	
WBL	1	1700	232	0.14*	197	0.12*
WBT	2	3400	473	0.14	397	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.68

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	11	0.00*	19	0.01*
NBT	0		1		9	0.01
NBR	1.5	1700	0		3	0.01
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	59	0.03*	436	0.26*
EBT	2	3400	39	0.01	127	0.04
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	201	0.06*	40	0.01*
WBR	1	1700	11	0.01	19	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.14		0.33

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	1700	23	0.01*	15	0.01*
SBT	0		7		0	
SBR	1.5	3400	575	0.17	45	0.01
EBL	0		0	*	0	
EBT	2	3400	76	0.02	547	0.16*
EBR	1	1700	23	0.01	15	0.01
WBL	1	1700	2	0.00	1	0.00*
WBT	2	3400	209	0.06*	58	0.02
WBR	0		0		0	
Adjustment			SBR	0.16		
Overlaps				Clearance		0.05
Total ICU				0.28		0.22

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	736	0.43*	422	0.25*
NBT	2	3400	689	0.20	140	0.04
NBR	D	1700	55	0.03	21	0.01
SBL	1	1700	5	0.00	16	0.01
SBT	2	3400	104	0.03*	468	0.14*
SBR	D	1700	72	0.04	320	0.19
EBL	1	1700	218	0.13*	54	0.03*
EBT	2	3400	17	0.01	8	0.00
EBR	D	1700	336	0.20	238	0.14
WBL	1	1700	11	0.01	69	0.04
WBT	2	3400	8	0.00*	47	0.01*
WBR	D	1700	7	0.00	16	0.01
Adjustment					SBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.64		0.51

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	2576	0.38*	1883	0.28
NBR	1	1700	169	0.10	176	0.10
SBL	3	5100	498	0.10*	673	0.13
SBT	3	5100	1527	0.30	2220	0.44*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	188	0.06*	187	0.06*
WBT	0		0		0	
WBR	F		1268		1087	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.55

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	61	0.04*	82	0.05
NBT	2	3400	930	0.27	1156	0.34*
NBR	D	1700	546	0.32	198	0.12
SBL	1	1700	37	0.02	10	0.01*
SBT	2	3400	1024	0.30*	845	0.25
SBR	D	1700	134	0.08	139	0.08
EBL	1	1700	105	0.06	98	0.06*
EBT	2	3400	302	0.10*	110	0.06
EBR	0		48		96	
WBL	2	3400	123	0.04*	527	0.16
WBT	1	1700	79	0.05	405	0.25*
WBR	0		6		16	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.71

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	193	0.06*	120	0.04*
SBT	0		0		0	
SBR	2	3400	99	0.03	456	0.13
EBL	2	3400	84	0.02*	110	0.03*
EBT	2	3400	339	0.10	773	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	821	0.24*	964	0.28*
WBR	D	1700	49	0.03	39	0.02
Adjustment					SBR	0.07
Overlaps					Clearance	0.05
Total ICU				0.37		0.47

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	205	0.12*	165	0.10*
NBT	0		0		0	
NBR	1	1700	258	0.15	225	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	663	0.13	1548	0.30*
EBR	D	1700	294	0.17	154	0.09
WBL	1	1700	194	0.11	141	0.08*
WBT	3	5100	1467	0.29*	878	0.17
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.53

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	32	0.02
NBT	2	3400	276	0.12	324	0.12*
NBR	0		129		87	
SBL	1	1700	105	0.06	85	0.05*
SBT	2	3400	471	0.16*	246	0.08
SBR	0		86		31	
EBL	1	1700	34	0.02	45	0.03
EBT	2	3400	144	0.05*	434	0.14*
EBR	0		40		26	
WBL	1	1700	218	0.13*	30	0.02*
WBT	2	3400	255	0.09	94	0.04
WBR	0		53		35	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.42		0.38

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	104	0.06*	37	0.02
NBT	2	3400	258	0.08	315	0.09*
NBR	D	1700	110	0.06	66	0.04
SBL	1	1700	136	0.08	38	0.02*
SBT	2	3400	346	0.10*	229	0.07
SBR	D	1700	325	0.19	39	0.02
EBL	1	1700	117	0.07*	116	0.07
EBT	2	3400	322	0.13	1029	0.33*
EBR	0		128		84	
WBL	1	1700	74	0.04	75	0.04*
WBT	2	3400	910	0.29*	330	0.12
WBR	0		68		84	
Adjustment			SBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.61		0.53

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	81	0.05	119	0.07
NBT	2	1700	21	0.01*	40	0.02*
NBR	0	1700	59	0.03	95	0.06
SBL	2	3400	338	0.10*	311	0.09*
SBT	2	3400	67	0.02	35	0.01
SBR	F		947		510	
EBL	2	3400	309	0.09*	1145	0.34*
EBT	3	5100	616	0.12	1338	0.26
EBR	1	1700	115	0.07	98	0.06
WBL	2	3400	134	0.04	56	0.02
WBT	3	5100	1458	0.29*	690	0.14*
WBR	1	1700	313	0.18	285	0.17
Adjustment						
Overlaps		W		Clearance		0.05
Total ICU				0.54		0.64

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	395	0.12	161	0.05*
NBT	3	5100	1224	0.24*	846	0.17
NBR	F		86		322	
SBL	2	3400	163	0.05*	425	0.13
SBT	3	5100	677	0.13	1249	0.24*
SBR	F		198		103	
EBL	1	1700	120	0.07*	100	0.06*
EBT	0		0		0	
EBR	F		145		352	
WBL	2	3400	222	0.07	138	0.04
WBT	0		0	*	0	*
WBR	F		499		153	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.40

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	347	0.10*	294	0.09*
NBT	3	5100	198	0.04	600	0.12
NBR	F		359		625	
SBL	1	1700	29	0.02	11	0.01
SBT	3	5100	709	0.14*	212	0.04*
SBR	2	3400	460	0.14	160	0.05
EBL	2	3400	79	0.02	388	0.11
EBT	3	5100	721	0.14*	1592	0.31*
EBR	1	1700	228	0.13	449	0.26
WBL	2	3400	478	0.14*	434	0.13*
WBT	4	6800	1627	0.24	903	0.13
WBR	D	1700	26	0.02	52	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

418 - El Toro Rd. @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	261	0.08*	428	0.13*
NBT	4	6800	655	0.10	1373	0.20
NBR	1	1700	175	0.10	440	0.26
SBL	2	3400	202	0.06	249	0.07
SBT	4	6800	1710	0.30*	1009	0.17*
SBR	0		307		159	
EBL	2	3400	182	0.05*	336	0.10
EBT	3	3400	378	0.11	958	0.25*
EBR	0	1700	288	0.17	294	
WBL	2	3400	362	0.11	179	0.05*
WBT	3	5100	921	0.18*	430	0.08
WBR	1	1700	198	0.12	176	0.10
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.66		0.65

419 - El Toro Rd. @ Toledo Wy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	203	0.12*	31	0.02
NBT	4	6800	1141	0.17	1867	0.28*
NBR	0		13		18	
SBL	1	1700	1	0.00	3	0.00*
SBT	4	6800	1928	0.33*	1409	0.22
SBR	0		290		59	
EBL	1.5	2550	77	0.02*	369	0.11*
EBT	0.5	850	4	0.02	19	0.11
EBR	1	1700	205	0.12	49	0.03
WBL	0		36		13	
WBT	1	1700	12	0.03*	4	0.01*
WBR	0		2		3	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.55		0.45

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	127	0.07*	119	0.07
NBT	4	6800	1034	0.20	1501	0.27*
NBR	0		302		358	
SBL	2	3400	279	0.08	291	0.09*
SBT	4	6800	1728	0.29*	1147	0.18
SBR	0		271		94	
EBL	1	1700	148	0.09*	171	0.10
EBT	2	3400	275	0.08	771	0.23*
EBR	1	1700	199	0.12	139	0.08
WBL	2	3400	447	0.13	253	0.07*
WBT	2	3400	594	0.17*	335	0.10
WBR	1	1700	272	0.16	265	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.71

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	249	0.15*	218	0.13
NBT	3	5100	447	0.09	1021	0.20*
NBR	D	1700	110	0.06	287	0.17
SBL	1	1700	132	0.08	148	0.09*
SBT	3	5100	1056	0.21*	535	0.10
SBR	D	1700	301	0.18	91	0.05
EBL	1	1700	137	0.08*	297	0.17*
EBT	2	3400	439	0.13	709	0.21
EBR	D	1700	282	0.17	206	0.12
WBL	1	1700	286	0.17	146	0.09
WBT	2	3400	774	0.23*	447	0.13*
WBR	D	1700	169	0.10	153	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.64

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Approved No Project-ITAM
TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	198	0.12*	193	0.11
NBT	3	5100	658	0.13	1256	0.25*
NBR	1	1700	173	0.10	279	0.16
SBL	1	1700	209	0.12	143	0.08*
SBT	3	5100	1277	0.25*	674	0.13
SBR	1	1700	340	0.20	180	0.11
EBL	2	3400	189	0.06*	433	0.13
EBT	2	3400	520	0.15	810	0.24*
EBR	1	1700	187	0.11	281	0.17
WBL	2	3400	250	0.07	240	0.07*
WBT	2	3400	701	0.21*	505	0.15
WBR	1	1700	105	0.06	190	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.69 0.69

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Approved No Project-ITAM
TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	229	0.07*	172	0.05*
NBT	2	3400	580	0.17	405	0.12
NBR	1	1700	134	0.08	156	0.09
SBL	2	3400	117	0.03	321	0.09
SBT	2	3400	452	0.19*	694	0.28*
SBR	0		181		252	
EBL	2	3400	205	0.06*	176	0.05
EBT	3	5100	687	0.13	1185	0.23*
EBR	1	1700	269	0.16	248	0.15
WBL	2	3400	226	0.07	144	0.04*
WBT	3	5100	1094	0.21*	809	0.16
WBR	D	1700	336	0.20	187	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.65

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	236	0.07*	182	0.05
NBT	2	3400	820	0.24	1209	0.36*
NBR	0		3		4	
SBL	1	1700	13	0.01	19	0.01*
SBT	2	3400	910	0.27*	1004	0.30
SBR	1	1700	513	0.30	296	0.17
EBL	1.5	2550	282	0.09*	396	0.13*
EBT	0.5	850	18	0.09	37	0.13
EBR	1	1700	212	0.12	361	0.21
WBL	0		5		11	
WBT	1	1700	52	0.03*	19	0.02*
WBR	D	1700	47	0.03	24	0.01

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.58

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	206	0.06*	160	0.05*
NBT	3	5100	876	0.17	973	0.19
NBR	0		3		1	
SBL	1	1700	8	0.00	7	0.00
SBT	3	5100	924	0.18*	1154	0.23*
SBR	D	1700	296	0.17	184	0.11
EBL	1.5	2550	136	0.04*	452	0.14*
EBT	0.5	850	3	0.04	15	0.14
EBR	1	1700	65	0.04	387	0.23
WBL	0		4		7	
WBT	1	1700	8	0.01*	2	0.01*
WBR	D	1700	8	0.00	13	0.01

Adjustment EBR 0.04
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.34 0.52

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Approved No Project-ITAM
TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	636	0.12*	1322	0.26*
SBT	0		0		0	
SBR	1	1700	402	0.24	221	0.13
EBL	2	3400	115	0.03*	219	0.06
EBT	2	3400	395	0.12	977	0.29*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	971	0.29*	430	0.13
WBR	2	3400	840	0.25	903	0.27

Adjustment SBR 0.09
Overlaps S W Clearance 0.05

Total ICU 0.58 0.60

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Approved No Project-ITAM
TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	171	0.05	329	0.10*
NBT	3	5100	1720	0.34*	1056	0.21
NBR	D	1700	10	0.01	32	0.02
SBL	1	1700	8	0.00*	29	0.02
SBT	3	5100	731	0.14	1889	0.37*
SBR	1	1700	342	0.20	497	0.29
EBL	1.5	2550	491	0.14*	336	0.10*
EBT	0.5	850	1	0.14	8	0.10
EBR	1	1700	263	0.15	314	0.18
WBL	0		40		24	
WBT	1	1700	9	0.03*	4	0.02*
WBR	D	1700	30	0.02	19	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.56 0.64

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	758	0.23*	650	0.19*
NBT	0.5	850	15	0.23	12	0.19
NBR	1	1700	417	0.25	485	0.29
SBL	1	1700	108	0.06	51	0.03
SBT	1	1700	25	0.08*	25	0.04*
SBR	0		109		44	
EBL	1	1700	27	0.02	80	0.05
EBT	3	5100	434	0.09*	1323	0.26*
EBR	1	1700	592	0.35	973	0.57
WBL	2	3400	361	0.11*	346	0.10*
WBT	3	5100	827	0.17	541	0.12
WBR	0		63		82	
Adjustment			EBR	0.09	Multi	0.18
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.65		0.82

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	461	0.14	232	0.07*
NBT	4	6800	1367	0.20*	844	0.12
NBR	1	1700	190	0.11	118	0.07
SBL	2	3400	217	0.06*	211	0.06
SBT	3	5100	570	0.11	1583	0.31*
SBR	1	1700	190	0.11	423	0.25
EBL	2	3400	339	0.10*	256	0.08*
EBT	3	5100	622	0.12	786	0.15
EBR	F		314		375	
WBL	1	1700	75	0.04	196	0.12
WBT	2	3400	771	0.23*	751	0.22*
WBR	1	1700	160	0.09	334	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.64		0.73

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	168	0.05	122	0.04
NBT	2	3400	459	0.14*	357	0.11*
NBR	D	1700	69	0.04	65	0.04
SBL	2	3400	171	0.05*	516	0.15*
SBT	2	3400	315	0.09	451	0.13
SBR	1	1700	153	0.09	166	0.10
EBL	1	1700	236	0.14*	153	0.09
EBT	3	5100	954	0.19	1549	0.30*
EBR	D	1700	72	0.04	121	0.07
WBL	1	1700	132	0.08	54	0.03*
WBT	3	5100	1732	0.34*	969	0.19
WBR	1	1700	412	0.24	193	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.64

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	563	0.17*	239	0.07*
NBT	2	3400	768	0.23	338	0.10
NBR	1	1700	154	0.09	80	0.05
SBL	2	3400	75	0.02	161	0.05
SBT	2	3400	406	0.12*	767	0.23*
SBR	1	1700	197	0.12	452	0.27
EBL	2	3400	389	0.11*	246	0.07
EBT	3	5100	1338	0.26	1817	0.36*
EBR	1	1700	219	0.13	437	0.26
WBL	2	3400	168	0.05	119	0.04*
WBT	3	5100	1971	0.39*	1348	0.26
WBR	1	1700	163	0.10	110	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.84		0.75

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	209	0.06*	312	0.09
NBT	3	5100	1979	0.39	2330	0.46*
NBR	1	1700	87	0.05	135	0.08
SBL	2	3400	132	0.04	122	0.04*
SBT	4	6800	2456	0.38*	2104	0.32
SBR	0		138		100	
EBL	2	3400	94	0.03*	131	0.04
EBT	2	3400	401	0.12	448	0.13*
EBR	1	1700	456	0.27	448	0.26
WBL	2	3400	137	0.04	87	0.03*
WBT	2	3400	501	0.15*	355	0.10
WBR	1	1700	298	0.18	181	0.11
Adjustment			EBR	0.07		
Overlaps	E				Clearance	0.05
Total ICU				0.74		0.71

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Approved No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	186	0.11*	294	0.17*
NBT	0		0		0	
NBR	1.5	3400	377	0.11	673	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2092	0.41*	2410	0.47*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1623	0.32	1626	0.32
WBR	F		0		0	
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.57		0.72

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1234	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	889	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2332	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1039	0.20	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Approved No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	294	0.09	311	0.09
NBT	3	5100	1692	0.34*	1524	0.31*
NBR	0		62		64	
SBL	1	1700	74	0.04*	138	0.08*
SBT	3	5100	1334	0.26	1393	0.27
SBR	1	1700	423	0.25	388	0.23
EBL	2	3400	404	0.12*	534	0.16*
EBT	2	3400	245	0.07	559	0.16
EBR	2	3400	228	0.07	596	0.18
WBL	2	3400	100	0.03	99	0.03
WBT	3	5100	526	0.10*	262	0.05*
WBR	1	1700	86	0.05	62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.65

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Approved No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	41	0.01	77	0.02*
NBT	4	6800	1322	0.19*	756	0.11
NBR	F		480		356	
SBL	2	3400	165	0.05*	221	0.07
SBT	3	5100	668	0.13	1260	0.25*
SBR	1	1700	239	0.14	654	0.38
EBL	2	3400	430	0.13*	359	0.11*
EBT	3	5100	1274	0.25	1186	0.23
EBR	1	1700	93	0.05	58	0.03
WBL	2	3400	260	0.08	345	0.10
WBT	3	5100	1085	0.21*	1347	0.26*
WBR	1	1700	172	0.10	160	0.09
Adjustment					SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.63		0.74

437 - Scientific Wy. @ ICD
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	21	0.01*	64	0.02*
NBT	2	3400	11	0.00	13	0.00
NBR	1	1700	0		1	0.00
SBL	2	3400	1	0.00	2	0.00
SBT	2	3400	6	0.00*	2	0.00*
SBR	1	1700	31	0.02	53	0.03
EBL	1	1700	94	0.06*	65	0.04
EBT	3	5100	658	0.13	1618	0.32*
EBR	1	1700	100	0.06	27	0.02
WBL	1	1700	0		0	*
WBT	3	5100	1106	0.22*	940	0.18
WBR	1	1700	37	0.02	14	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.39

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Approved No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	136	0.04*	470	0.14*
NBR	1	1700	44	0.03	100	0.06
SBL	1	1700	7	0.00*	30	0.02*
SBT	2	3400	145	0.04	258	0.08
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	915	0.27*	593	0.17*
WBT	0		0		0	
WBR	1	1700	11	0.01	62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.38

444 - Sand Canyon Av. @ Burt Rd.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	34	0.01*	26	0.01
NBT	3	5100	662	0.13	1842	0.36*
NBR	D	1700	46	0.03	62	0.04
SBL	1	1700	119	0.07	187	0.11*
SBT	3	5100	2876	0.56*	1244	0.24
SBR	1	1700	87	0.05	73	0.04
EBL	2	3400	100	0.03*	34	0.01
EBT	1	1700	19	0.01	1	0.00*
EBR	1	1700	61	0.04	12	0.01
WBL	1	1700	37	0.02	41	0.02*
WBT	1	1700	8	0.00*	5	0.00
WBR	1	1700	66	0.04	161	0.09
Adjustment				EBR 0.02		
Overlaps				Clearance		0.05
Total ICU				0.67		0.54

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Approved No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	628	0.18*	1879	0.55*
NBT	1	1700	54	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	133	0.04*
SBR	D	1700	26	0.02	105	0.06
EBL	1	1700	36	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1545	0.45	492	0.14
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.29	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.55		0.66

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Approved No Project-ITAM TC V1.8
COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02*
NBT	0		0		0	
NBR	D	1700	25	0.01	100	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	873	0.26	1027	0.30*
EBR	D	1700	60	0.04	17	0.01
WBL	1	1700	152	0.09	42	0.02*
WBT	2	3400	1327	0.39*	754	0.22
WBR	0		0		0	
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.45		0.41

463 - Jamboree Rd. @ Chapman Ave.
Buildout Approved No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	335	0.10
NBT	2	3400	227	0.07*	945	0.28*
NBR	2	3400	190	0.06	172	0.05
SBL	2	3400	659	0.19*	347	0.10*
SBT	3	5100	864	0.17	303	0.06
SBR	1	1700	28	0.02	69	0.04
EBL	2	3400	37	0.01	38	0.01*
EBT	3	5100	1008	0.20*	338	0.07
EBR	1	1700	305	0.18	124	0.07
WBL	2	3400	352	0.10*	297	0.09
WBT	3	5100	506	0.10	1324	0.26*
WBR	2	3400	434	0.13	784	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.61		0.70

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Approved No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	566	0.33*	118	0.07*
SBT	1	1700	368	0.22	14	0.01
SBR	2	3400	696	0.20	184	0.05
EBL	0		0		0	*
EBT	3	5100	1081	0.21*	769	0.15
EBR	1	1700	703	0.41	91	0.05
WBL	2	3400	375	0.11*	170	0.05
WBT	3	5100	710	0.14	2253	0.44*
WBR	0		0		0	
Adjustment			EBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.82		0.56

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Approved No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	101	0.03*	701	0.21*
NBT	2	3400	17	0.01	248	0.07
NBR	D	1700	117	0.07	279	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	209	0.12*	424	0.25*
EBT	3	5100	1456	0.29	477	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	979	0.19*	1753	0.34*
WBR	D	1700	163	0.10	620	0.36
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.41		0.85

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Approved No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	302	0.09*	964	0.28*
NBT	0		0		0	
NBR	1	1700	38	0.02	68	0.04
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	766	0.23*	567	0.17*
EBR	1.5	3400	897	0.26	776	0.23
WBL	1	1700	146	0.09*	91	0.05*
WBT	3	5100	990	0.19	946	0.19
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.55

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	99	0.03*	935	0.28*
NBT	3	5100	348	0.07	1766	0.35
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1761	0.35*	395	0.08*
SBR	1	1700	105	0.06	235	0.14
EBL	1	1700	106	0.06*	131	0.08*
EBT	0		0		0	
EBR	2	3400	804	0.24	212	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.16		
Overlaps					Clearance	0.05
Total ICU				0.65		0.49

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	858	0.17*	1704	0.33*
NBR	D	1700	489	0.29	755	0.44
SBL	1	1700	441	0.26*	246	0.14*
SBT	3	5100	1888	0.37	669	0.13
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	827	0.49*	353	0.21*
WBT	0		0		0	
WBR	1	1700	339	0.20	293	0.17
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.97		0.73

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		33		20	
SBT	1	1700	135	0.10*	1	0.01*
SBR	1	1700	1164	0.68	225	0.13
EBL	0		0		0	
EBT	1	1700	181	0.11*	959	0.56*
EBR	1	1700	750	0.44	42	0.02
WBL	0		0	*	2	*
WBT	1	1700	3	0.00	421	0.25
WBR	0		0		0	
Adjustment			Multi	0.83		
Overlaps					Clearance	0.05
Total ICU				1.09		0.62

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Approved No Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	423	0.25*
NBT	1	1700	15	0.01*	159	0.09
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	214	0.13*	979	0.58*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.19		0.88

477 - El Camino Real N. @ Bryan Ave.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	5	0.00*	112	0.07*
NBT	0		0		0	
NBR	1.5	3400	51	0.02	402	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	421	0.12*	716	0.21
EBR	D	1700	114	0.07	30	0.02
WBL	2	3400	242	0.07*	97	0.03
WBT	2	3400	572	0.17	1311	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.51

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Approved No Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01	105	0.06*
NBT	2	3400	19	0.01*	30	0.01
NBR	D	1700	6	0.00	15	0.01
SBL	2	3400	60	0.02*	70	0.02
SBT	2	3400	36	0.01	13	0.00*
SBR	D	1700	91	0.05	474	0.28
EBL	1	1700	477	0.28*	123	0.07*
EBT	1	1700	145	0.09	65	0.04
EBR	1	1700	88	0.05	12	0.01
WBL	1	1700	25	0.01	8	0.00
WBT	1	1700	63	0.04*	299	0.18*
WBR	2	3400	137	0.04	84	0.02
Adjustment					SBR	0.23
Overlaps					Clearance	0.05
Total ICU				0.40		0.59

482 - Visions @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	11	0.01*	16	0.01*
NBT	1	1700	0		0	
NBR	1	1700	116	0.07	19	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	500	0.15*	690	0.20*
EBR	1	1700	223	0.13	22	0.01
WBL	1	1700	287	0.17*	20	0.01*
WBT	2	3400	610	0.18	598	0.18
WBR	D	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.27

483 - Tulip @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	58	0.03	27	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	522	0.15	438	0.13
EBR	D	1700	104	0.06	23	0.01
WBL	1	1700	5	0.00	37	0.02
WBT	2	3400	632	0.19*	671	0.20*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.25

484 - Sand Canyon Av. @ Roosevelt
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	71	0.02*	96	0.03
NBT	4	6800	685	0.10	2023	0.30*
NBR	D	1700	49	0.03	128	0.08
SBL	2	3400	26	0.01	78	0.02*
SBT	4	6800	1689	0.25*	921	0.14
SBR	D	1700	71	0.04	93	0.05
EBL	2	3400	122	0.04*	82	0.02*
EBT	2	3400	41	0.01	47	0.01
EBR	D	1700	223	0.13	81	0.05
WBL	2	3400	168	0.05	51	0.02
WBT	1	1700	84	0.05*	24	0.01*
WBR	D	1700	50	0.03	71	0.04
Adjustment			EBR	0.07	WBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.48		0.41

485 - Sand Canyon Av. @ Nightmist
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	109	0.03*	254	0.07
NBT	4	6800	726	0.11	2130	0.31*
NBR	D	1700	57	0.03	64	0.04
SBL	1	1700	39	0.02	18	0.01*
SBT	4	6800	2096	0.31*	987	0.15
SBR	D	1700	32	0.02	58	0.03
EBL	2	3400	53	0.02*	38	0.01
EBT	1	1700	27	0.02	6	0.00*
EBR	1	1700	306	0.18	111	0.07
WBL	2	3400	36	0.01	132	0.04*
WBT	1	1700	26	0.02*	6	0.00
WBR	D	1700	40	0.02	48	0.03
Adjustment			EBR	0.13		
Overlaps				Clearance		0.05
Total ICU				0.56		0.41

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	512	0.30*	187	0.11*
SBT	0		0		0	
SBR	2	3400	730	0.21	105	0.03
EBL	0		0		0	
EBT	2	3400	220	0.06*	745	0.22*
EBR	1	1700	893	0.53	460	0.27
WBL	2	3400	1083	0.32*	822	0.24*
WBT	2	3400	381	0.11	747	0.22
WBR	0		0		0	
Adjustment			EBR	0.24		
Overlaps				Clearance		0.05
Total ICU				0.97		0.62

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	457	0.13*	817	0.24*
NBT	0		0		0	
NBR	2	3400	937	0.28	1007	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	690	0.20	553	0.16*
EBR	F		35		363	
WBL	1	1700	114	0.07	599	0.35*
WBT	2	3400	1086	0.32*	741	0.22
WBR	0		0		0	
Adjustment			NBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.56		0.80

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	89	0.03*	204	0.06
NBT	3	5100	584	0.11	1375	0.27*
NBR	1	1700	123	0.07	145	0.09
SBL	2	3400	132	0.04	27	0.01*
SBT	3	5100	1269	0.25*	606	0.12
SBR	1	1700	59	0.03	62	0.04
EBL	1	1700	74	0.04	28	0.02
EBT	2	3400	44	0.01*	31	0.01*
EBR	D	1700	276	0.16	159	0.09
WBL	2	3400	186	0.05*	152	0.04*
WBT	2	3400	48	0.01	67	0.02
WBR	1	1700	36	0.02	159	0.09

Adjustment		EBR	0.13	WBR 0.05
Overlaps			Clearance	0.05
Total ICU			0.52	0.43

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	608	0.18	1095	0.32*
NBR	D	1700	264	0.16	673	0.40
SBL	1	1700	122	0.07	287	0.17*
SBT	2	3400	1011	0.30*	675	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	528	0.16*	264	0.08*
WBT	0		0		0	
WBR	2	3400	187	0.06	255	0.08

Adjustment			NBR	0.02
Overlaps			Clearance	0.05
Total ICU			0.51	0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	141	0.08*	206	0.12
NBT	2	3400	564	0.17	977	0.29*
NBR	D	1700	153	0.09	406	0.24
SBL	1	1700	161	0.09	134	0.08*
SBT	2	3400	819	0.24*	580	0.17
SBR	D	1700	78	0.05	55	0.03
EBL	1	1700	26	0.02*	63	0.04
EBT	2	3400	244	0.07	672	0.20*
EBR	1	1700	58	0.03	152	0.09
WBL	2	3400	271	0.08	164	0.05*
WBT	2	3400	618	0.18*	318	0.09
WBR	D	1700	59	0.03	86	0.05

Adjustment				
Overlaps			Clearance	0.05
Total ICU			0.57	0.67

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	542	0.16*	329	0.10*
NBT	3	5100	1470	0.29	928	0.18
NBR	D	1700	12	0.01	3	0.00
SBL	2	3400	24	0.01	19	0.01
SBT	3	5100	807	0.16*	1445	0.28*
SBR	1	1700	223	0.13	179	0.11
EBL	1.5	2550	115	0.04*	361	0.12*
EBT	0.5	850	12	0.04	32	0.12
EBR	F		250		802	
WBL	1.5	2550	7	0.01	13	0.01
WBT	1	1700	23	0.01*	23	0.01*
WBR	1.5	2550	16	0.01	23	0.01

Adjustment				
Overlaps	S		Clearance	0.05
Note: Assumes E/W Split Phase				
Total ICU			0.42	0.56

518 - Alton Pkwy. @ Commercentre
Buildout Approved No Project-ITAM
TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	616	0.12	1734	0.34*
NBR	D	1700	320	0.19	257	0.15
SBL	1	1700	206	0.12	58	0.03*
SBT	3	5100	1887	0.37*	859	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	256	0.08*	499	0.15*
WBT	0		0		0	
WBR	1.5	1700	67	0.04	274	0.15

Adjustment				
Overlaps			Clearance	0.05
Total ICU			0.50	0.57

520 - Keystone @ Trabuco Rd.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	192	0.06*	57	0.02*
SBT	0		0		0	
SBR	1	1700	390	0.23	160	0.09
EBL	2	3400	154	0.05*	302	0.09*
EBT	2	3400	420	0.12	317	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	573	0.17*	565	0.17*
WBR	1	1700	41	0.02	168	0.10

Adjustment		SBR	0.13	
Overlaps			Clearance	0.05
Total ICU			0.46	0.33

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Approved No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	244	0.14*	154	0.09
NBT	2	3400	710	0.21	1381	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1135	0.33*	860	0.25
SBR	1	1700	319	0.19	157	0.09
EBL	2	3400	129	0.04*	317	0.09*
EBT	0		0		0	
EBR	1	1700	150	0.09	140	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	162	0.05*
NBT	1	1700	10	0.01*	37	0.02
NBR	D	1700	52	0.03	114	0.07
SBL	1	1700	101	0.06*	17	0.01
SBT	2	3400	66	0.02	11	0.00*
SBR	D	1700	15	0.01	31	0.02
EBL	1	1700	5	0.00	35	0.02*
EBT	2	3400	964	0.28*	848	0.25
EBR	D	1700	220	0.13	64	0.04
WBL	1	1700	208	0.12*	35	0.02
WBT	2	3400	705	0.21	912	0.27*
WBR	D	1700	38	0.02	23	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.39

558 - Ridge Valley @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	218	0.06	319	0.09*
NBT	2	3400	165	0.05*	172	0.05
NBR	D	1700	78	0.05	93	0.05
SBL	1	1700	244	0.14*	80	0.05
SBT	2	3400	422	0.12	62	0.02*
SBR	F		457		254	
EBL	2	3400	116	0.03*	421	0.12*
EBT	3	5100	1362	0.27	1166	0.23
EBR	1	1700	179	0.11	228	0.13
WBL	2	3400	52	0.02	67	0.02
WBT	3	5100	1272	0.25*	1600	0.31*
WBR	1	1700	105	0.06	89	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.59

559 - Ridge Valley @ Great Park Blvd.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	230	0.07*	521	0.15*
NBT	2	1700	11	0.01	124	0.07
NBR	0	1700	37	0.02	150	0.09
SBL	1	1700	79	0.05	99	0.06
SBT	2	3400	24	0.01*	37	0.01*
SBR	F		493		343	
EBL	2	3400	277	0.08	537	0.16*
EBT	2	3400	954	0.28*	649	0.19
EBR	F		287		243	
WBL	1	1700	27	0.02*	63	0.04
WBT	2	3400	560	0.17	589	0.21*
WBR	0		26		140	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	75	0.04	303	0.18*
NBT	1	1700	4	0.02*	53	0.07
NBR	0		22		59	
SBL	1	1700	108	0.06*	53	0.03
SBT	1	1700	27	0.02	5	0.00*
SBR	1	1700	362	0.21	272	0.16
EBL	2	3400	167	0.05*	961	0.28*
EBT	2	3400	992	0.29	1075	0.32
EBR	D	1700	244	0.14	91	0.05
WBL	1	1700	76	0.04	9	0.01
WBT	2	3400	1039	0.31*	532	0.16*
WBR	1	1700	52	0.03	93	0.05
Adjustment			SBR	0.12		
Overlaps		S		Clearance		0.05
Total ICU				0.61		0.67

561 - Bosque @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	106	0.06*	233	0.14*
NBT	0		0		0	
NBR	1	1700	272	0.16	293	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1629	0.32*	987	0.19
EBR	1	1700	146	0.09	108	0.06
WBL	1	1700	270	0.16*	179	0.11
WBT	3	5100	1544	0.30	1905	0.37*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.56

562 - Skyhawk @ Marine Wy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		32	0.02*
SBT	1	1700	0	*	0	
SBR	1	1700	712	0.42	221	0.13
EBL	1	1700	157	0.09	745	0.44*
EBT	2	3400	1067	0.31*	590	0.17
EBR	0		0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	471	0.14	577	0.17*
WBR	1	1700	0		107	0.06
Adjustment			SBR	0.29		
Overlaps					Clearance	0.05
Total ICU				0.65		0.68

563 - Chinon @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	320	0.12*	101	0.06*
NBT	0		0		0	
NBR	0.5	850	92	0.12	104	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1680	0.33*	825	0.16
EBR	1	1700	277	0.16	70	0.04
WBL	1	1700	34	0.02*	142	0.08
WBT	3	5100	725	0.14	1607	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.43

565 - Treble @ Marine Wy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01	7	0.00*
NBT	1	1700	2	0.02*	6	0.01
NBR	0		36		9	
SBL	2	3400	678	0.20*	198	0.06
SBT	1	1700	3	0.14	4	0.09*
SBR	0		235		146	
EBL	1	1700	56	0.03	313	0.18*
EBT	2	3400	861	0.25*	517	0.15
EBR	D	1700	4	0.00	11	0.01
WBL	1	1700	7	0.00*	20	0.01
WBT	2	3400	522	0.15	702	0.21*
WBR	1	1700	98	0.06	577	0.34
Adjustment					WBR	0.05
Overlaps	W				Clearance	0.05
Total ICU				0.52		0.58

566 - Marine Wy. @ Barranca Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	186	0.05
NBT	2	3400	187	0.06	664	0.20*
NBR	1	1700	44	0.03	143	0.08
SBL	2	3400	616	0.18	412	0.12*
SBT	2	3400	899	0.26*	256	0.08
SBR	1	1700	723	0.43	536	0.32
EBL	2	3400	254	0.07*	695	0.20*
EBT	2	3400	60	0.02	149	0.04
EBR	1	1700	87	0.05	93	0.05
WBL	2	3400	113	0.03	90	0.03
WBT	2	3400	91	0.03*	188	0.06*
WBR	1	1700	329	0.19	669	0.39
Adjustment			SBR	0.12	WBR	0.24
Overlaps					Clearance	0.05
Total ICU				0.55		0.87

567 - Marine Wy. @ Alton Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	686	0.20*	652	0.19*
NBT	2	3400	72	0.02	20	0.01
NBR	1	1700	655	0.39	584	0.34
SBL	2	3400	11	0.00	77	0.02
SBT	2	3400	14	0.00*	134	0.04*
SBR	1	1700	12	0.01	86	0.05
EBL	2	3400	62	0.02	16	0.00
EBT	3	5100	565	0.11*	462	0.09*
EBR	F		726		803	
WBL	2	3400	406	0.12*	544	0.16*
WBT	3	5100	330	0.06	349	0.07
WBR	1	1700	35	0.02	11	0.01
Adjustment			NBR	0.10	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.58		0.54

568 - Ada @ Marine Wy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03*	129	0.08*
NBT	0		0		0	
NBR	1	1700	66	0.04	163	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	854	0.30*	677	0.22
EBR	0		150		80	
WBL	0		149	*	111	
WBT	2	3400	620	0.23	744	0.25*
WBR	1	1700	0		0	
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.39		0.38

569 - Bake Pkwy @ Marine Wy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1135	0.33*	524	0.15*
NBT	4	6800	3059	0.45	3135	0.46
NBR	1	1700	159	0.09	55	0.03
SBL	1	1700	134	0.08	56	0.03
SBT	4	6800	2374	0.35*	3445	0.51*
SBR	F		958		540	
EBL	2	3400	372	0.11*	907	0.27*
EBT	1	1700	19	0.01	16	0.01
EBR	2	3400	342	0.10	966	0.28
WBL	1	1700	28	0.02	122	0.07
WBT	2	3400	11	0.00*	19	0.01*
WBR	D	1700	31	0.02	114	0.07
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.84		0.99

571 - Portola Springs @ Portola Pkwy.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	205	0.06
NBT	1	1700	56	0.08	50	0.09*
NBR	0		72		106	
SBL	1	1700	20	0.01	37	0.02*
SBT	1	1700	80	0.05*	28	0.02
SBR	D	1700	169	0.10	68	0.04
EBL	1	1700	64	0.04	112	0.07
EBT	2	3400	468	0.14*	699	0.21*
EBR	1	1700	291	0.17	85	0.05
WBL	1	1700	62	0.04*	67	0.04*
WBT	2	3400	355	0.10	603	0.18
WBR	D	1700	8	0.00	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.41

572 - Modjeska @ Irvine Bl.
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03	60	0.04
NBT	1	1700	23	0.01*	46	0.03*
NBR	1	1700	65	0.04	54	0.03
SBL	2	3400	513	0.15*	198	0.06*
SBT	1	1700	100	0.06	23	0.01
SBR	1	1700	484	0.28	320	0.19
EBL	2	3400	189	0.06	441	0.13*
EBT	3	5100	1408	0.28*	777	0.15
EBR	1	1700	65	0.04	51	0.03
WBL	1	1700	76	0.04*	44	0.03
WBT	3	5100	897	0.18	1314	0.26*
WBR	1	1700	254	0.15	308	0.18
Adjustment				SBR 0.04		SBR 0.04
Overlaps				Clearance		0.05
Total ICU				0.57		0.57

574 - Ridge Valley @ Benchmark
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	0	
NBT	2	3400	170	0.06	423	0.15*
NBR	0		26		82	
SBL	1	1700	119	0.07	34	0.02*
SBT	2	3400	396	0.13*	211	0.06
SBR	0		37		2	
EBL	1	1700	20	0.01	13	0.01
EBT	1	1700	4	0.01*	0	0.00*
EBR	0		17		1	
WBL	1	1700	118	0.07*	38	0.02*
WBT	1	1700	3	0.06	0	0.01
WBR	0		103		15	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.24

575 - Ridge Valley @ Hornet
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	54	0.03
NBT	2	3400	47	0.03	547	0.20*
NBR	0		46		116	
SBL	1	1700	81	0.05	101	0.06*
SBT	2	3400	387	0.11*	133	0.04
SBR	D	1700	52	0.03	39	0.02
EBL	1	1700	91	0.05*	50	0.03*
EBT	1	1700	30	0.04	3	0.01
EBR	0		31		13	
WBL	1	1700	66	0.04	51	0.03
WBT	1	1700	9	0.03*	6	0.10*
WBR	0		43		160	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.24		0.44

576 - Ridge Valley @ Phantom
Buildout Approved No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	801	0.28*
NBR	0		38		158	
SBL	1	1700	11	0.01	23	0.01*
SBT	2	3400	464	0.14*	256	0.08
SBR	0		4		4	
EBL	1	1700	3	0.00	6	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		31		14	
WBL	1	1700	46	0.03*	69	0.04*
WBT	1	1700	0	0.00	1	0.02
WBR	0		4		31	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.39

577 - Pusan Way @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	46	0.03
NBT	1	1700	53	0.03	64	0.04*
NBR	1	1700	64	0.04	65	0.04
SBL	1	1700	18	0.01	33	0.02*
SBT	1	1700	67	0.04*	28	0.02
SBR	1	1700	141	0.08	147	0.09
EBL	1	1700	102	0.06	171	0.10*
EBT	3	5100	1850	0.36*	901	0.18
EBR	1	1700	65	0.04	27	0.02
WBL	1	1700	59	0.03*	46	0.03
WBT	3	5100	1098	0.22	1598	0.31*
WBR	1	1700	44	0.03	48	0.03

Adjustment
Overlaps Clearance 0.05

Total ICU 0.52 0.52

579 - Merit @ Irvine Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	86	0.03*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	201	0.12	102	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	29	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1340	0.26*	819	0.16
EBR	1	1700	394	0.23	44	0.03
WBL	2	3400	201	0.06*	108	0.03
WBT	3	5100	540	0.11	1724	0.34*
WBR	1	1700	35	0.02	42	0.02

Adjustment NBR 0.02
Overlaps Clearance 0.05

Total ICU 0.50 0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	268	0.11*	106	0.06*
SBT	0		0		0	
SBR	1.5	2550	302	0.11	223	0.07
EBL	1	1700	76	0.04	353	0.21*
EBT	3	5100	1567	0.31*	799	0.16
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1157	0.23	1295	0.25*
WBR	D	1700	50	0.03	272	0.16

Adjustment
Overlaps Clearance 0.05

Total ICU 0.47 0.57

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	110	0.04*	138	0.06*
NBR	0		30		58	
SBL	2	3400	394	0.12*	778	0.23*
SBT	1	1700	89	0.05	125	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	46	0.03*	61	0.04*
WBT	0		0		0	
WBR	2	3400	1266	0.37	381	0.11

Adjustment WBR 0.25
Overlaps Clearance 0.05

Total ICU 0.49 0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	167	0.10*	232	0.14*
NBT	3	3400	245	0.07	940	0.21
NBR	0	1700	152	0.09	110	
SBL	1	1700	3	0.00	2	0.00
SBT	3	5100	1161	0.31*	337	0.10*
SBR	0		431		370	0.22
EBL	1	1700	415	0.24*	413	0.24*
EBT	1	1700	186	0.20	249	0.27
EBR	0		149		212	
WBL	1	1700	83	0.05	28	0.02
WBT	1	1700	250	0.15*	145	0.09*
WBR	0		2		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.85 0.62

595 - Skyhawk @ Great Park Blvd
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	185	
NBT	2	1700	0		0	0.11*
NBR	0	1700	277	0.16	607	0.36
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	981	0.29*	482	0.15
EBR	0		0		35	
WBL	0		327	*	244	
WBT	2	3400	294	0.18	1030	0.37*
WBR	0		0		0	

Adjustment NBR 0.16 NBR 0.08
Overlaps Clearance 0.05

Total ICU 0.50 0.61

637 - Sterling @ Muirlands Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	85	0.05*
NBT	1	1700	62	0.04*	8	0.03
NBR	0		5		39	
SBL	1	1700	7	0.00*	61	0.04
SBT	1	1700	3	0.01	83	0.07*
SBR	0		11		33	
EBL	1	1700	60	0.04*	3	0.00
EBT	2	3400	267	0.10	945	0.31*
EBR	0		77		119	
WBL	1	1700	4	0.00	12	0.01*
WBT	2	3400	519	0.17*	271	0.08
WBR	0		49		6	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.30		0.49

640 - Thomas @ Muirlands Bl.
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	32	0.02	53	0.03*
NBT	1	1700	32	0.02*	8	0.00
NBR	D	1700	6	0.00	29	0.02
SBL	1	1700	16	0.01*	39	0.02
SBT	1	1700	8	0.00	24	0.01*
SBR	D	1700	3	0.00	40	0.02
EBL	1	1700	15	0.01*	3	0.00
EBT	2	3400	181	0.05	963	0.28*
EBR	D	1700	64	0.04	74	0.04
WBL	1	1700	56	0.03	1	0.00*
WBT	2	3400	603	0.18*	276	0.08
WBR	D	1700	17	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.37

641 - Thomas @ Rockfield
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	24	0.01*	308	0.18*
SBT	1	1700	0	0.01	0	0.02
SBR	0		17		41	
EBL	1	1700	60	0.04*	73	0.04*
EBT	2	3400	6	0.00	105	0.03
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	181	0.11*	74	0.03*
WBR	0	1700	214	0.13	15	
Adjustment			WBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.22		0.30

655 - Ridge Valley @ Corsair
Buildout Approved No Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	43	0.03
NBT	2	3400	73	0.03	693	0.24*
NBR	0		36		139	
SBL	1	1700	12	0.01	33	0.02*
SBT	2	3400	456	0.13*	156	0.05
SBR	D	1700	13	0.01	0	
EBL	1	1700	8	0.00	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		87		23	
WBL	1	1700	96	0.06*	74	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	18	0.01	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.30		0.36

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Buildout Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	222	0.13*	1	0.00*
SBT	0		0		0	
SBR	1.5	2550	615	0.25	453	0.13
EBL	2	3400	1202	0.35*	1386	0.41*
EBT	1	1700	612	0.36	99	0.06
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	174	0.09*	868	0.26*
WBR	0		123		25	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.72

581 - Lynx @ Irvine Bl.

Buildout Approved No Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	7	0.00	6	0.00
NBT	1	1700	0	*	0	*
NBR	1	1700	123	0.07	48	0.03
SBL	1	1700	9	0.01*	9	0.01*
SBT	1	1700	0	0.00	0	0.00
SBR	0		1		1	
EBL	1	1700	1	0.00	1	0.00*
EBT	3	5100	2719	0.53*	966	0.19
EBR	1	1700	5	0.00	5	0.00
WBL	1	1700	36	0.02*	87	0.05
WBT	3	5100	1045	0.21	2404	0.47*
WBR	0		9		10	
Adjustment			NBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.66		0.53

ITAM ICU Intersection Report
Buildout Approved Plus Project

16 - Newport Av. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	118	0.07*	144	0.08
NBT	3	5100	461	0.09	848	0.17*
NBR	1	1700	223	0.13	356	0.21
SBL	1	1700	152	0.09	107	0.06*
SBT	3	5100	1273	0.25*	485	0.10
SBR	D	1700	190	0.11	237	0.14
EBL	2	3400	106	0.03	182	0.05*
EBT	3	5100	926	0.18*	893	0.18
EBR	D	1700	62	0.04	79	0.05
WBL	2	3400	334	0.10*	154	0.05
WBT	3	5100	972	0.19	962	0.19*
WBR	D	1700	18	0.01	16	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.65 0.52

34 - Red Hill Av. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05	534	0.16
NBT	1	1700	161	0.09*	354	0.21*
NBR	1	1700	186	0.11	195	0.11
SBL	2	3400	284	0.08*	180	0.05*
SBT	2	3400	349	0.10	159	0.05
SBR	D	1700	81	0.05	43	0.03
EBL	1	1700	28	0.02	46	0.03*
EBT	3	5100	1317	0.30*	1365	0.30
EBR	0		224		145	
WBL	1	1700	238	0.14*	366	0.22
WBT	3	5100	1560	0.33	2508	0.52*
WBR	0		101		148	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.66 0.86

54 - Browning Av. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	147	0.09*
NBT	1	1700	95	0.06	91	0.05
NBR	1	1700	83	0.05	230	0.14
SBL	0		78		77	
SBT	1	1700	152	0.14*	26	0.06*
SBR	D	1700	39	0.02	31	0.02
EBL	1	1700	31	0.02	13	0.01*
EBT	3	5100	2012	0.43*	1527	0.30
EBR	0		193		27	
WBL	1	1700	210	0.12*	125	0.07
WBT	3	5100	1793	0.37	2636	0.53*
WBR	0		72		77	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.77 0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	275	0.08*	784	0.23*
NBT	3	5100	589	0.12	935	0.18
NBR	1	1700	218	0.13	268	0.16
SBL	2	3400	293	0.09	105	0.03
SBT	3	5100	1594	0.31*	439	0.09*
SBR	1	1700	612	0.36	389	0.23
EBL	2	3400	255	0.08	403	0.12*
EBT	3	5100	1180	0.23*	1072	0.21
EBR	1	1700	714	0.42	327	0.19
WBL	2	3400	308	0.09*	114	0.03
WBT	3	5100	1178	0.23	1686	0.33*
WBR	1	1700	152	0.09	238	0.14

Adjustment EBR 0.13 SBR 0.02
Overlaps N S Clearance 0.05

Total ICU 0.89 0.84

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	127	0.07*	16	0.01
NBT	3	5100	316	0.06	2694	0.53*
NBR	1	1700	9	0.01	5	0.00
SBL	1	1700	21	0.01	0	*
SBT	3	5100	2702	0.53*	489	0.10
SBR	1	1700	585	0.34	90	0.05
EBL	2	3400	83	0.02*	410	0.12*
EBT	1	1700	11	0.01	3	0.00
EBR	1	1700	19	0.01	3	0.00
WBL	1	1700	9	0.01	15	0.01
WBT	1	1700	4	0.00*	17	0.01*
WBR	1	1700	8	0.00	69	0.04

Adjustment WBR 0.03
Overlaps Clearance 0.05

Total ICU 0.67 0.74

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01*	170	0.05
NBT	3	5100	210	0.04	1573	0.31*
NBR	F		125		246	
SBL	2	3400	646	0.19	231	0.07*
SBT	3	5100	1819	0.36*	364	0.07
SBR	D	1700	12	0.01	13	0.01
EBL	1	1700	14	0.01	30	0.02*
EBT	2	3400	283	0.08*	290	0.09
EBR	D	1700	118	0.07	100	0.06
WBL	1	1700	252	0.15*	178	0.10
WBT	2	3400	401	0.12	848	0.25*
WBR	2	3400	197	0.06	1149	0.34

Adjustment WBR 0.04
Overlaps Clearance 0.05

Total ICU 0.65 0.74

125 - Jamboree Rd. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	181	0.05*	511	0.15
NBT	3	5100	457	0.09	1983	0.39*
NBR	1	1700	138	0.08	422	0.25
SBL	2	3400	397	0.12	193	0.06*
SBT	4	6800	2776	0.44*	746	0.12
SBR	0		185		87	
EBL	2	3400	138	0.04	342	0.10*
EBT	3	5100	974	0.19*	1010	0.20
EBR	1	1700	420	0.25	296	0.17
WBL	2	3400	593	0.17*	302	0.09
WBT	3	5100	1078	0.21	1524	0.30*
WBR	D	1700	179	0.11	443	0.26
Adjustment			EBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.92		0.90

126 - Jamboree Rd. @ Bryan Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	67	0.02*	313	0.09
NBT	4	6800	528	0.08	2435	0.36*
NBR	1	1700	94	0.06	386	0.23
SBL	2	3400	129	0.04	168	0.05*
SBT	4	6800	2914	0.43*	978	0.14
SBR	D	1700	95	0.06	223	0.13
EBL	2	3400	72	0.02	272	0.08*
EBT	2	3400	258	0.08*	430	0.13
EBR	D	1700	265	0.16	175	0.10
WBL	2	3400	472	0.14*	286	0.08
WBT	2	3400	321	0.09	774	0.23*
WBR	1	1700	60	0.04	299	0.18
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.78		0.77

127 - Jamboree Rd. @ El Camino Real
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	163	0.05*	624	0.18
NBT	4	6800	701	0.10	2587	0.38*
NBR	1	1700	587	0.35	358	0.21
SBL	1	1700	291	0.17	77	0.05*
SBT	4	6800	3120	0.46*	1052	0.15
SBR	1	1700	114	0.07	259	0.15
EBL	1	1700	59	0.03	295	0.17*
EBT	1	1700	174	0.10*	163	0.10
EBR	2	3400	238	0.07	348	0.10
WBL	2	3400	393	0.12*	498	0.15
WBT	2	3400	124	0.07	323	0.16*
WBR	0		101		209	
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.78		0.81

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1164	0.17	2613	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2973	0.44*	1573	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1096	0.32*	453	0.27*
WBT	0		0		0	
WBR	1.5	1700	337	0.20	1038	0.31
Adjustment					WBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.81		0.74

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1183	0.17	2418	0.36*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3272	0.48*	1507	0.22
SBR	F		0		0	
EBL	2	3400	437	0.13*	596	0.18*
EBT	0		0		0	
EBR	2	3400	695	0.20	621	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.73		0.59

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	468	0.14	307	0.09
SBT	2	3400	939	0.28*	461	0.14*
SBR	1	1700	458	0.27	215	0.13
EBL	0		0		0	*
EBT	3	5100	747	0.15*	714	0.14
EBR	1	1700	395	0.23	440	0.26
WBL	2	3400	372	0.11*	389	0.11
WBT	3	5100	586	0.11	1376	0.27*
WBR	0		0		0	
Adjustment			EBR	0.08	EBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.67		0.56

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	305	0.09	513	0.15
NBT	2	3400	351	0.10*	631	0.19*
NBR	D	1700	153	0.09	585	0.34
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	166	0.05	262	0.08*
EBT	3	5100	998	0.20*	738	0.14
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	686	0.13	1329	0.26*
WBR	1	1700	272	0.16	438	0.26
Adjustment			WBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.36		0.58

133 - Jamboree Rd. @ Edinger Av.
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03	335	0.10*
NBT	0		0	*	0	
NBR	1	1700	65	0.04	252	0.15
SBL	2	3400	276	0.08*	305	0.09
SBT	0		0		0	*
SBR	F		794		516	
EBL	2	3400	271	0.08*	606	0.18*
EBT	3	5100	798	0.18	1052	0.23
EBR	0		108		128	
WBL	2	3400	215	0.06	145	0.04
WBT	3	5100	1123	0.22*	1487	0.29*
WBR	1	1700	248	0.15	293	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		13		6	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	29	0.02	117	0.07
EBL	1	1700	278	0.16*	816	0.48*
EBT	2	3400	511	0.15	871	0.26
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	518	0.15*	816	0.24*
WBR	D	1700	195	0.11	271	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.77

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	292	0.09*	485	0.14
NBT	5	8500	788	0.09	3057	0.36*
NBR	1	1700	144	0.08	122	0.07
SBL	2	3400	389	0.11	261	0.08*
SBT	4	6800	2799	0.41*	1204	0.18
SBR	F		1955		470	
EBL	3	5100	224	0.04*	1285	0.25*
EBT	2	3400	576	0.17	742	0.22
EBR	1	1700	172	0.10	296	0.17
WBL	2	3400	158	0.05	113	0.03
WBT	3	5100	890	0.17*	766	0.15*
WBR	F		149		639	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.76		0.89

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	287	0.17*	84	0.05*
SBT	0		0		0	
SBR	2	3400	99	0.03	32	0.01
EBL	0		0		0	*
EBT	3	5100	989	0.19*	790	0.15
EBR	1	1700	124	0.07	32	0.02
WBL	2	3400	181	0.05*	78	0.02
WBT	3	5100	661	0.13	2165	0.42*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.52

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	20	0.01*	86	0.05*
NBT	0		0		0	
NBR	0.5	1700	43	0.03	172	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	40	0.01	46	0.01*
EBT	3	5100	1213	0.24*	803	0.16
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	847	0.17	2202	0.43*
WBR	1	1700	89	0.05	215	0.13
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.32		0.54

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	41	0.01*	48	0.01*
SBT	0		0		0	
SBR	1	1700	186	0.11	65	0.04
EBL	0		0		0	*
EBT	3	5100	1109	0.22*	1373	0.27
EBR	D	1700	95	0.06	36	0.02
WBL	2	3400	398	0.12*	113	0.03
WBT	3	5100	1609	0.32	2154	0.42*
WBR	0		0		0	
Adjustment			SBR	0.08	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.48		0.51

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	217	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	39	0.01	327	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	58	0.03*	91	0.05*
EBT	3	5100	936	0.18	1180	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1605	0.31*	1950	0.38*
WBR	1	1700	48	0.03	56	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.59

218 - Culver Dr. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	117	0.03*	433	0.13*
NBT	2	3400	151	0.04	241	0.07
NBR	1	1700	234	0.14	253	0.15
SBL	2	3400	108	0.03	98	0.03
SBT	2	3400	315	0.09*	235	0.07*
SBR	1	1700	126	0.07	129	0.08
EBL	2	3400	107	0.03	121	0.04*
EBT	3	5100	864	0.17*	474	0.09
EBR	1	1700	255	0.15	160	0.09
WBL	2	3400	249	0.07*	194	0.06
WBT	3	5100	528	0.10	1846	0.36*
WBR	1	1700	59	0.03	85	0.05
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.41		0.65

220 - Culver Dr. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	148	0.04*	344	0.10
NBT	3	5100	404	0.08	1186	0.23*
NBR	1	1700	209	0.12	416	0.24
SBL	2	3400	216	0.06	182	0.05*
SBT	3	5100	1288	0.25*	626	0.12
SBR	D	1700	191	0.11	149	0.09
EBL	2	3400	73	0.02	212	0.06*
EBT	3	5100	621	0.12*	697	0.14
EBR	D	1700	243	0.14	144	0.08
WBL	2	3400	518	0.15*	293	0.09
WBT	3	5100	902	0.18	1510	0.30*
WBR	D	1700	52	0.03	175	0.10
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.61		0.69

221 - Culver Dr. @ Bryan Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	206	0.06*	612	0.18
NBT	3	5100	653	0.13	1843	0.36*
NBR	1	1700	194	0.11	395	0.23
SBL	2	3400	78	0.02	70	0.02*
SBT	3	5100	2053	0.40*	959	0.19
SBR	D	1700	199	0.12	119	0.07
EBL	2	3400	108	0.03	173	0.05*
EBT	1.5	2550	240	0.11*	427	0.16
EBR	1.5	2550	327	0.11	413	0.16
WBL	2	3400	397	0.12*	229	0.07
WBT	2	3400	324	0.12	555	0.19*
WBR	0		87		90	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.74		0.67

222 - Culver Dr. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	748	0.15	2347	0.46*
NBR	F		729		975	
SBL	1	1700	132	0.08	103	0.06*
SBT	3	5100	2083	0.41*	1229	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	747	0.22*	680	0.20*
WBT	0		0		0	
WBR	2	3400	281	0.08	669	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.68		0.77

223 - Culver Dr. @ I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1131	0.17	2230	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2305	0.45*	1531	0.30
SBR	F		0		0	
EBL	3	5100	371	0.07*	1090	0.21*
EBT	0		0		0	
EBR	2	3400	569	0.17	756	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.67		0.59

224 - Culver Dr. @ Walnut Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03*	192	0.06
NBT	3	5100	837	0.16	1581	0.31*
NBR	1	1700	292	0.17	321	0.19
SBL	2	3400	206	0.06	296	0.09*
SBT	3	5100	1834	0.36*	1252	0.25
SBR	1	1700	445	0.26	368	0.22
EBL	2	3400	357	0.11*	561	0.17*
EBT	2	3400	440	0.13	607	0.18
EBR	1	1700	122	0.07	101	0.06
WBL	2	3400	352	0.10	318	0.09
WBT	2	3400	534	0.16*	672	0.20*
WBR	1	1700	330	0.19	272	0.16
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.71		0.82

226 - Culver Dr. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	243	0.07*	298	0.09
NBT	4	6800	746	0.11	1477	0.22*
NBR	F		436		488	
SBL	2	3400	189	0.06	236	0.07*
SBT	4	6800	1846	0.27*	1168	0.17
SBR	1	1700	180	0.11	177	0.10
EBL	2	3400	113	0.03	203	0.06*
EBT	3	5100	925	0.18*	887	0.17
EBR	F		330		322	
WBL	2	3400	484	0.14*	353	0.10
WBT	3	5100	939	0.18	1984	0.39*
WBR	F		130		235	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.79

227 - Culver Dr. @ Warner Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	45	0.03*	115	0.07
NBT	3	5100	926	0.18	2179	0.43*
NBR	1	1700	94	0.06	137	0.08
SBL	1	1700	118	0.07	108	0.06*
SBT	3	5100	2348	0.46*	1550	0.30
SBR	D	1700	140	0.08	232	0.14
EBL	2	3400	182	0.05	173	0.05*
EBT	2	3400	224	0.07*	177	0.05
EBR	D	1700	142	0.08	122	0.07
WBL	1	1700	170	0.10*	63	0.04
WBT	2	3400	238	0.07	158	0.05*
WBR	D	1700	186	0.11	131	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.64

228 - Culver Dr. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	202	0.06*	226	0.07
NBT	3	5100	806	0.16	1720	0.34*
NBR	1	1700	293	0.17	298	0.18
SBL	2	3400	374	0.11	172	0.05*
SBT	3	5100	1889	0.37*	1350	0.26
SBR	F		376		224	
EBL	2	3400	156	0.05	541	0.16*
EBT	2	3400	636	0.19*	860	0.25
EBR	1	1700	231	0.14	407	0.24
WBL	2	3400	185	0.05*	275	0.08
WBT	3	5100	754	0.17	753	0.18*
WBR	0		105		188	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.78

229 - Culver Dr. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	131	0.04*	175	0.05
NBT	4	6800	1121	0.16	2037	0.30*
NBR	1	1700	249	0.15	389	0.23
SBL	2	3400	122	0.04	284	0.08*
SBT	3	5100	1873	0.37*	1346	0.26
SBR	F		319		366	
EBL	2	3400	167	0.05*	293	0.09
EBT	3	5100	439	0.12	865	0.21*
EBR	0		177		189	
WBL	2	3400	294	0.09	256	0.08*
WBT	2	3400	669	0.20*	656	0.19
WBR	1	1700	228	0.13	279	0.16
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.72

232 - Culver Dr. @ I-405 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1321	0.26	2399	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1688	0.33*	1712	0.34
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	659	0.19*	623	0.19*
WBT	0		0		0	
WBR	1.5	1700	247	0.15	369	0.19
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.71

233 - Culver Dr. @ I-405 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1491	0.29	1740	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1908	0.37*	1523	0.30
SBR	F		0		0	
EBL	1.5	2550	689	0.21*	972	0.29*
EBT	0		0		0	
EBR	1.5	2550	389	0.21	365	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.68

235 - Culver Dr. @ University Dr.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	59	0.02*
NBT	4	6800	1107	0.16	1333	0.20
NBR	2	3400	674	0.20	921	0.27
SBL	2	3400	43	0.01	59	0.02
SBT	3	5100	1166	0.23*	1190	0.23*
SBR	D	1700	328	0.19	160	0.09
EBL	2	3400	77	0.02	232	0.07
EBT	3	5100	1035	0.20*	1299	0.25*
EBR	D	1700	88	0.05	66	0.04
WBL	2	3400	827	0.24*	698	0.21*
WBT	3	5100	1322	0.27	669	0.14
WBR	0		56		53	
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.74		0.76

243 - Yale Av. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	66	0.04	69	0.04
NBT	2	1700	123	0.07*	56	0.03*
NBR	0	1700	163	0.10	117	0.07
SBL	1	1700	117	0.07*	84	0.05*
SBT	1	1700	91	0.05	51	0.03
SBR	D	1700	140	0.08	136	0.08
EBL	1	1700	153	0.09	104	0.06*
EBT	3	5100	960	0.19*	629	0.12
EBR	D	1700	89	0.05	77	0.05
WBL	1	1700	217	0.13*	150	0.09
WBT	3	5100	668	0.13	1905	0.37*
WBR	D	1700	127	0.07	95	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.56

249 - Yale Av. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	102	0.06*	279	0.16*
NBT	2	3400	260	0.08	356	0.10
NBR	D	1700	120	0.07	156	0.09
SBL	2	3400	264	0.08	171	0.05
SBT	2	3400	514	0.15*	160	0.05*
SBR	D	1700	286	0.17	144	0.08
EBL	1	1700	116	0.07	220	0.13*
EBT	3	5100	752	0.17*	950	0.21
EBR	0		134		121	
WBL	1	1700	192	0.11*	94	0.06
WBT	3	5100	868	0.21	1528	0.34*
WBR	0		183		226	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.73

252 - Yale Av. @ Bryan Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	171	0.10*
NBT	2	3400	237	0.07	476	0.14
NBR	D	1700	53	0.03	49	0.03
SBL	1	1700	49	0.03	37	0.02
SBT	2	3400	559	0.16*	295	0.09*
SBR	D	1700	72	0.04	74	0.04
EBL	1	1700	35	0.02*	139	0.08*
EBT	2	3400	237	0.07	438	0.13
EBR	D	1700	63	0.04	97	0.06
WBL	1	1700	56	0.03	36	0.02
WBT	2	3400	354	0.10*	536	0.16*
WBR	D	1700	22	0.01	56	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

255 - Yale Av. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	138	0.08*	115	0.07
NBT	2	3400	289	0.09	749	0.22*
NBR	D	1700	86	0.05	201	0.12
SBL	1	1700	139	0.08	92	0.05*
SBT	2	3400	539	0.16*	348	0.10
SBR	D	1700	243	0.14	71	0.04
EBL	1	1700	54	0.03	165	0.10*
EBT	2	3400	233	0.07*	358	0.11
EBR	D	1700	66	0.04	107	0.06
WBL	1	1700	149	0.09*	78	0.05
WBT	2	3400	368	0.11	326	0.10*
WBR	D	1700	59	0.03	152	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.45		0.52

259 - Yale Av. @ Walnut Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	201	0.06*	248	0.07
NBT	2	3400	233	0.11	710	0.25*
NBR	0		142		146	
SBL	1	1700	92	0.05	77	0.05*
SBT	2	3400	605	0.18*	256	0.08
SBR	1	1700	333	0.20	266	0.16
EBL	1	1700	216	0.13*	473	0.28*
EBT	2	3400	466	0.14	417	0.12
EBR	D	1700	369	0.22	172	0.10
WBL	1	1700	128	0.08	68	0.04
WBT	2	3400	357	0.11*	555	0.16*
WBR	D	1700	46	0.03	158	0.09
Adjustment			EBR	0.01		
Overlaps		S		Clearance		0.05
Total ICU				0.54		0.79

261 - Yale Av. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	127	0.07	98	0.06
NBT	2	3400	145	0.04*	273	0.08*
NBR	D	1700	242	0.14	103	0.06
SBL	1	1700	482	0.28*	130	0.08*
SBT	2	3400	381	0.11	150	0.04
SBR	D	1700	573	0.34	131	0.08
EBL	2	3400	185	0.05	465	0.14*
EBT	3	5100	1253	0.27*	998	0.22
EBR	0		110		138	
WBL	1	1700	111	0.07*	147	0.09
WBT	3	5100	790	0.15	2235	0.44*
WBR	1	1700	157	0.09	538	0.32
Adjustment			NBR	0.05		
Overlaps				Clearance		0.05
Total ICU				0.76		0.79

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	110	0.06	86	0.05
NBT	2	3400	135	0.04*	181	0.05*
NBR	D	1700	101	0.06	73	0.04
SBL	1	1700	196	0.12*	81	0.05*
SBT	2	3400	258	0.08	126	0.04
SBR	D	1700	200	0.12	63	0.04
EBL	2	3400	64	0.02	120	0.04*
EBT	2	3400	1021	0.30*	1087	0.32
EBR	D	1700	71	0.04	67	0.04
WBL	1	1700	78	0.05*	66	0.04
WBT	2	3400	713	0.23	1088	0.37*
WBR	0		76		163	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.56

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	72	0.04	119	0.07
NBT	2	3400	141	0.04*	293	0.09*
NBR	D	1700	209	0.12	192	0.11
SBL	1	1700	388	0.23*	146	0.09*
SBT	2	3400	493	0.14	170	0.05
SBR	D	1700	167	0.10	80	0.05
EBL	1	1700	96	0.06	153	0.09*
EBT	2	3400	674	0.20*	914	0.27
EBR	D	1700	96	0.06	120	0.07
WBL	1	1700	184	0.11*	100	0.06
WBT	2	3400	782	0.23	935	0.28*
WBR	D	1700	210	0.12	344	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.60

268 - W. Yale Loop @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	188	0.11*	106	0.06*
NBT	2	3400	239	0.07	147	0.04
NBR	D	1700	311	0.18	186	0.11
SBL	1	1700	44	0.03	40	0.02
SBT	2	3400	190	0.06*	166	0.05*
SBR	D	1700	131	0.08	119	0.07
EBL	1	1700	67	0.04*	51	0.03
EBT	2	3400	665	0.20	1287	0.38*
EBR	D	1700	82	0.05	202	0.12
WBL	1	1700	80	0.05	193	0.11*
WBT	2	3400	924	0.27*	947	0.28
WBR	D	1700	77	0.05	52	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.65

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	194	0.11*	140	0.08*
NBT	2	3400	365	0.11	261	0.08
NBR	D	1700	671	0.39	328	0.19
SBL	2	3400	212	0.06	132	0.04
SBT	2	3400	259	0.08*	196	0.06*
SBR	D	1700	159	0.09	79	0.05
EBL	1	1700	100	0.06	187	0.11
EBT	2	3400	698	0.26*	1007	0.36*
EBR	0		192		208	
WBL	2	3400	268	0.08*	541	0.16*
WBT	2	3400	865	0.25	916	0.27
WBR	D	1700	128	0.08	127	0.07
Adjustment			NBR	0.20		
Overlaps					Clearance	0.05
Total ICU				0.78		0.71

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	367	0.11*	919	0.27*
NBT	2	3400	61	0.02	291	0.09
NBR	1	1700	258	0.15	356	0.21
SBL	2	3400	379	0.11	109	0.03
SBT	3	3400	461	0.14*	71	0.02*
SBR	0	1700	540	0.32	282	0.17
EBL	2	3400	180	0.05	355	0.10*
EBT	3	5100	755	0.15*	435	0.09
EBR	1	1700	918	0.54	281	0.17
WBL	2	3400	435	0.13*	294	0.09
WBT	3	5100	510	0.10	1175	0.23*
WBR	D	1700	85	0.05	372	0.22
Adjustment			Multi	0.32	SBR	0.07
Overlaps	E				Clearance	0.05
Total ICU				0.90		0.74

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	117	0.03*	346	0.10
NBT	3	5100	462	0.09	1258	0.25*
NBR	F		176		354	
SBL	2	3400	260	0.08	142	0.04*
SBT	3	5100	1080	0.21*	493	0.10
SBR	1	1700	230	0.14	151	0.09
EBL	2	3400	99	0.03	247	0.07*
EBT	3	5100	741	0.15*	799	0.16
EBR	D	1700	209	0.12	151	0.09
WBL	2	3400	405	0.12*	218	0.06
WBT	3	5100	866	0.17	1426	0.28*
WBR	D	1700	168	0.10	286	0.17
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.69

284 - Jeffrey Rd. @ Bryan Av.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	544	0.16
NBT	3	5100	591	0.12	1669	0.33*
NBR	D	1700	81	0.05	322	0.19
SBL	2	3400	31	0.01	49	0.01*
SBT	3	5100	1463	0.29*	708	0.14
SBR	1	1700	148	0.09	158	0.09
EBL	1	1700	128	0.08	161	0.09*
EBT	0.5	850	96	0.09*	202	0.12
EBR	1.5	2550	226	0.09	148	0.09
WBL	2	3400	360	0.11*	140	0.04
WBT	1	1700	148	0.09	182	0.11*
WBR	D	1700	78	0.05	59	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.59

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	233	0.07
NBT	3	5100	627	0.12	2218	0.43*
NBR	1	1700	149	0.09	283	0.17
SBL	2	3400	324	0.10	73	0.02*
SBT	4	6800	1702	0.25*	878	0.13
SBR	1	1700	185	0.11	106	0.06
EBL	2	3400	82	0.02	228	0.07*
EBT	2	3400	227	0.07*	284	0.08
EBR	1	1700	155	0.09	138	0.08
WBL	2	3400	261	0.08*	229	0.07
WBT	2	3400	280	0.08	316	0.09*
WBR	1	1700	85	0.05	153	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.66

286 - Jeffrey Rd. @ Roosevelt
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	499	0.15
NBT	4	6800	518	0.08	2407	0.35*
NBR	1	1700	226	0.13	557	0.33
SBL	1	1700	77	0.05	86	0.05*
SBT	3	5100	1921	0.38*	987	0.19
SBR	D	1700	58	0.03	143	0.08
EBL	1	1700	40	0.02	184	0.11*
EBT	1	1700	109	0.06*	160	0.09
EBR	2	3400	354	0.10	432	0.13
WBL	2	3400	877	0.26*	317	0.09
WBT	1	1700	162	0.10	141	0.08*
WBR	1	1700	316	0.19	148	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.80		0.64

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	613	0.12	2337	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2283	0.45*	1278	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	806	0.24*	597	0.29*
WBT	0		0		0	
WBR	1.5	1700	382	0.22	899	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.80

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	84	0.02*	251	0.07
NBT	3	5100	617	0.12	1546	0.30*
NBR	1	1700	304	0.18	445	0.26
SBL	2	3400	851	0.25	485	0.14*
SBT	3	5100	2085	0.46*	1125	0.33
SBR	0		247		573	0.34
EBL	2	3400	111	0.03	278	0.08
EBT	1.5	3400	591	0.17*	417	0.12*
EBR	1.5	1700	220	0.13	166	0.10
WBL	2	3400	323	0.10*	671	0.20*
WBT	1	1700	30	0.02	224	0.13
WBR	2	3400	148	0.04	956	0.28
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.81

289 - Jeffrey Rd. @ ICD
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	135	0.04*	386	0.11*
NBT	4	6800	547	0.08	1456	0.21
NBR	1	1700	157	0.09	192	0.11
SBL	3	5100	187	0.04	116	0.02
SBT	4	6800	1872	0.32*	977	0.19*
SBR	0		334		451	0.27
EBL	2	3400	257	0.08	279	0.08*
EBT	3	5100	1333	0.26*	691	0.14
EBR	F		363		221	
WBL	2	3400	199	0.06*	137	0.04
WBT	4	6800	605	0.09	1943	0.29*
WBR	1	1700	155	0.09	297	0.17
Adjustment					SBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.73		0.74

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	186	0.05
NBT	3	5100	858	0.17	1395	0.27*
NBR	D	1700	291	0.17	156	0.09
SBL	2	3400	153	0.05	110	0.03*
SBT	3	5100	1734	0.34*	1190	0.23
SBR	D	1700	382	0.22	258	0.15
EBL	2	3400	260	0.08	448	0.13*
EBT	2	3400	849	0.25*	562	0.17
EBR	D	1700	189	0.11	201	0.12
WBL	2	3400	122	0.04*	475	0.14
WBT	2	3400	635	0.19	982	0.29*
WBR	1	1700	63	0.04	212	0.12
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.77

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	345	0.10*	414	0.12*
NBT	3	5100	890	0.17	1298	0.25
NBR	1	1700	252	0.15	323	0.19
SBL	2	3400	168	0.05	295	0.09
SBT	3	5100	1841	0.36*	1259	0.25*
SBR	D	1700	114	0.07	235	0.14
EBL	2	3400	224	0.07	246	0.07*
EBT	2	3400	810	0.24*	886	0.26
EBR	1	1700	583	0.34	324	0.19
WBL	3	5100	447	0.09*	428	0.08
WBT	2	3400	834	0.25	1048	0.31*
WBR	D	1700	105	0.06	154	0.09
Adjustment						
Overlaps	N E			Clearance		0.05
Total ICU				0.84		0.80

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	944	0.19	1671	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1715	0.34*	1278	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1383	0.27*	982	0.19*
WBT	0		0		0	
WBR	1	1700	128	0.08	401	0.24
Adjustment					WBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.66		0.62

294 - University Dr. @ I-405 SB Ramps
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1144	0.22	1394	0.27
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2711	0.53*	2059	0.40*
SBR	F		0		0	
EBL	2	3400	239	0.07*	309	0.09*
EBT	0		0		0	
EBR	1	1700	102	0.06	61	0.04
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.54

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	261	0.08*	942	0.28*
NBT	1	1700	3	0.00	2	0.00
NBR	1	1700	259	0.15	657	0.39
SBL	0		2		3	
SBT	1	1700	2	0.00*	2	0.01*
SBR	0		2		5	
EBL	1	1700	8	0.00	1	0.00*
EBT	2	3400	739	0.22*	451	0.13
EBR	F		566		237	
WBL	2	3400	466	0.14*	300	0.09
WBT	2	3400	613	0.18	819	0.24*
WBR	0		6		1	
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.49		0.60

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	171	0.05*	228	0.07
NBT	3	5100	334	0.07	961	0.19*
NBR	2	3400	477	0.14	406	0.12
SBL	2	3400	284	0.08	250	0.07*
SBT	3	5100	769	0.15*	483	0.09
SBR	D	1700	151	0.09	144	0.08
EBL	2	3400	73	0.02	263	0.08*
EBT	4	6800	900	0.13*	920	0.14
EBR	1	1700	213	0.13	101	0.06
WBL	2	3400	660	0.19*	397	0.12
WBT	3	5100	940	0.18	1286	0.25*
WBR	1	1700	161	0.09	412	0.24
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.64

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	13	0.00*	84	0.02
NBT	3	5100	547	0.11	1694	0.33*
NBR	F		345		501	
SBL	2	3400	384	0.11	289	0.09*
SBT	3	5100	1390	0.27*	704	0.14
SBR	1	1700	296	0.17	211	0.12
EBL	2	3400	198	0.06	164	0.05*
EBT	3	5100	374	0.07*	315	0.06
EBR	F		50		39	
WBL	2	3400	444	0.13*	211	0.06
WBT	3	5100	412	0.08	440	0.09*
WBR	D	1700	279	0.16	293	0.17
Adjustment					WBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.52		0.62

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	333	0.10	384	0.11
NBT	4	6800	565	0.08*	1336	0.20*
NBR	1	1700	617	0.36	710	0.42
SBL	2	3400	661	0.19*	489	0.14*
SBT	4	6800	1077	0.16	453	0.07
SBR	1	1700	89	0.05	66	0.04
EBL	2	3400	166	0.05	570	0.17
EBT	2	3400	363	0.11*	606	0.18*
EBR	1	1700	296	0.17	280	0.16
WBL	2	3400	1381	0.41*	854	0.25*
WBT	2	3400	457	0.13	499	0.15
WBR	1	1700	194	0.11	434	0.26
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.84		0.82

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1651	0.24	2830	0.42*
NBR	D	1700	182	0.11	526	0.31
SBL	0		195		441	*
SBT	4	6800	2543	0.40*	1264	0.25
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		240		249	
WBT	0		0	*	0	*
WBR	1	1700	327	0.33	238	0.29
Adjustment				WBR	0.21	WBR 0.29
Overlaps					Clearance	0.05
Total ICU				0.66		0.76

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	789	0.12*	1833	0.27*
NBR	1	1700	55	0.03	319	0.19
SBL	2	3400	738	0.22*	493	0.14*
SBT	4	6800	1965	0.29	997	0.15
SBR	0		0		0	
EBL	2.5	3400	1069	0.31*	1524	0.30*
EBT	0		0		0	
EBR	1.5	3400	1081	0.32	455	0.27
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.76

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	68	0.04*	104	0.06
NBT	3	5100	472	0.09	1232	0.24*
NBR	1	1700	123	0.07	25	0.01
SBL	2	3400	723	0.21	94	0.03*
SBT	3	5100	2123	0.42*	672	0.13
SBR	D	1700	462	0.27	143	0.08
EBL	2	3400	52	0.02*	376	0.11*
EBT	1	1700	29	0.02	66	0.04
EBR	D	1700	45	0.03	65	0.04
WBL	2	3400	44	0.01	172	0.05
WBT	1	1700	78	0.05*	52	0.03*
WBR	F		99		672	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.46

307 - Sand Canyon Av. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04*	225	0.07
NBT	3	5100	505	0.10	766	0.15*
NBR	1	1700	145	0.09	49	0.03
SBL	2	3400	526	0.15	157	0.05*
SBT	3	5100	1407	0.28*	639	0.13
SBR	1	1700	409	0.24	231	0.14
EBL	2	3400	193	0.06	234	0.07*
EBT	3	5100	981	0.19*	626	0.12
EBR	1	1700	83	0.05	138	0.08
WBL	2	3400	75	0.02*	204	0.06
WBT	3	5100	571	0.11	1298	0.25*
WBR	1	1700	137	0.08	229	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.57

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	107	0.03	118	0.03*
NBT	3	5100	1148	0.23*	897	0.18
NBR	D	1700	90	0.05	78	0.05
SBL	2	3400	37	0.01*	73	0.02
SBT	3	5100	1005	0.20	1029	0.20*
SBR	D	1700	136	0.08	298	0.18
EBL	2	3400	281	0.08*	165	0.05*
EBT	2	3400	608	0.18	428	0.13
EBR	1	1700	195	0.11	96	0.06
WBL	2	3400	174	0.05	241	0.07
WBT	2	3400	545	0.16*	1094	0.32*
WBR	1	1700	126	0.07	163	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.65

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	196	0.06	344	0.10*
NBT	3	5100	1087	0.21*	522	0.10
NBR	2	3400	708	0.21	205	0.06
SBL	2	3400	262	0.08*	93	0.03
SBT	3	5100	871	0.17	1099	0.22*
SBR	1	1700	111	0.07	186	0.11
EBL	2	3400	164	0.05	109	0.03
EBT	3	5100	811	0.16*	728	0.14*
EBR	1	1700	248	0.15	293	0.17
WBL	2	3400	373	0.11*	789	0.23*
WBT	3	5100	849	0.17	1025	0.20
WBR	1	1700	135	0.08	234	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.74

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1870	0.55*	825	0.24
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	499	0.15	965	0.28*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	69	0.04*	149	0.09*
WBT	0		0		0	
WBR	F		191		308	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.42

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1166	0.34*	595	0.18*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	2	3400	295	0.09	577	0.17
SBR	F		0		0	
EBL	2	3400	1560	0.46*	511	0.15*
EBT	0		0		0	
EBR	1	1700	242	0.14	356	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.85		0.43

313 - Laguna Canyon Rd. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	49	0.01	135	0.04*
NBT	2	3400	246	0.07*	92	0.03
NBR	D	1700	15	0.01	33	0.02
SBL	2	3400	49	0.01*	212	0.06
SBT	2	3400	87	0.03	188	0.06*
SBR	D	1700	32	0.02	283	0.17
EBL	2	3400	342	0.10*	38	0.01*
EBT	3	5100	885	0.17	784	0.15
EBR	D	1700	141	0.08	145	0.09
WBL	2	3400	50	0.01	13	0.00
WBT	3	5100	822	0.16*	1144	0.22*
WBR	D	1700	188	0.11	69	0.04
Adjustment					SBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.39		0.48

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	59	0.02*	107	0.03*
NBT	2	3400	149	0.04	77	0.02
NBR	D	1700	17	0.01	161	0.09
SBL	2	3400	56	0.02	98	0.03
SBT	2	3400	162	0.05*	185	0.05*
SBR	D	1700	75	0.04	280	0.16
EBL	2	3400	92	0.03*	29	0.01*
EBT	2	3400	545	0.16	481	0.14
EBR	1	1700	90	0.05	65	0.04
WBL	2	3400	101	0.03	61	0.02
WBT	2	3400	770	0.23*	889	0.26*
WBR	D	1700	79	0.05	63	0.04
Adjustment					SBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.38		0.50

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	235	0.14*	200	0.12*
NBT	2	3400	210	0.06	136	0.04
NBR	D	1700	82	0.05	103	0.06
SBL	1	1700	19	0.01	101	0.06
SBT	2	3400	106	0.03*	239	0.07*
SBR	D	1700	26	0.02	95	0.06
EBL	2	3400	107	0.03*	17	0.01*
EBT	2	3400	744	0.22	760	0.22
EBR	1	1700	204	0.12	181	0.11
WBL	2	3400	157	0.05	100	0.03
WBT	2	3400	1140	0.34*	993	0.29*
WBR	1	1700	48	0.03	32	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.54

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	233	0.14*	260	0.15*
SBT	0		0		0	
SBR	2	3400	170	0.05	223	0.07
EBL	0		0		0	*
EBT	4	6800	1585	0.23*	1583	0.23
EBR	D	1700	191	0.11	112	0.07
WBL	2	3400	550	0.16*	181	0.05
WBT	3	5100	1436	0.28	2107	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.61

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	212	0.12*	354	0.21*
NBT	0		0		0	
NBR	1	1700	4	0.00	307	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1778	0.35	1808	0.35
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1837	0.38*	1959	0.42*
WBR	0		111		167	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.68

318 - Banting @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	22	0.01*	35	0.01
NBT	1	1700	22	0.01	151	0.09*
NBR	1	1700	17	0.01	142	0.08
SBL	2	3400	751	0.22	133	0.04*
SBT	2	1700	569	0.33*	218	0.11
SBR	0	1700	711	0.42	143	
EBL	1	1700	55	0.03*	225	0.13*
EBT	2	3400	446	0.13	819	0.24
EBR	D	1700	17	0.01	38	0.02
WBL	1	1700	22	0.01	26	0.02
WBT	2	3400	621	0.18*	694	0.20*
WBR	F		104		853	
Adjustment			SBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.67		0.51

319 - Banting @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	7	0.00
NBT	1	1700	5	0.00*	42	0.02*
NBR	1	1700	13	0.01	70	0.04
SBL	2	3400	168	0.05*	199	0.06*
SBT	1	1700	70	0.04	5	0.00
SBR	1	1700	307	0.18	28	0.02
EBL	2	3400	27	0.01*	30	0.01*
EBT	2	3400	635	0.19	1032	0.30
EBR	D	1700	26	0.02	3	0.00
WBL	1	1700	51	0.03	10	0.01
WBT	2	3400	1277	0.38*	1037	0.31*
WBR	D	1700	104	0.06	195	0.11
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.61		0.45

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	851	0.17*	191	0.04
NBT	3	5100	2635	0.52	2905	0.57*
NBR	1	1700	7	0.00	12	0.01
SBL	2	3400	77	0.02	117	0.03*
SBT	3	5100	2112	0.41*	2595	0.51
SBR	1	1700	867	0.51	468	0.28
EBL	3	5100	300	0.06*	610	0.12*
EBT	1	1700	44	0.03	54	0.03
EBR	F		104		581	
WBL	1	1700	7	0.00	7	0.00
WBT	2	3400	142	0.04*	22	0.01*
WBR	D	1700	114	0.07	94	0.06
Adjustment			SBR	0.05	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.78		0.81

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1036	0.30*	1029	0.30
NBR	1	1700	276	0.16	113	0.07
SBL	1	1700	160	0.09*	249	0.15
SBT	3	5100	1423	0.28	2422	0.47*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	176	0.10*	63	0.04*
WBT	0		0		0	
WBR	1.5	3400	1575	0.46	950	0.28
Adjustment			WBR	0.29	WBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.83		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1226	0.36*	961	0.28
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	880	0.26	1005	0.30*
SBR	F		0		0	
EBL	0.5	1700	150	0.09*	189	0.11*
EBT	0		0		0	
EBR	1.5	1700	44	0.03	206	0.12
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.50		0.47

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	874	0.26*	1044	0.31*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	719	0.21	564	0.17
SBR	1	1700	33	0.02	50	0.03
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	214	0.13	147	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.44		0.45

325 - Portola Pkwy. @ SR-241 SB Ramps
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	626	0.18*	867	0.26*
NBR	1.5	1700	0		23	0.01
SBL	1	1700	86	0.05*	132	0.08*
SBT	2	3400	490	0.14	436	0.13
SBR	0		0		0	
EBL	0.5	1700	90	0.05*	45	0.03*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					Clearance	0.05
Overlaps						
Total ICU			0.33			0.42

326 - Ada @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	34	0.02*	75	0.04*
NBT	2	3400	77	0.02	83	0.02
NBR	D	1700	64	0.04	185	0.11
SBL	2	3400	54	0.02	92	0.03
SBT	1	1700	97	0.06*	136	0.08*
SBR	1	1700	16	0.01	55	0.03
EBL	1	1700	13	0.01*	38	0.02
EBT	2	3400	501	0.15	1091	0.32*
EBR	D	1700	184	0.11	64	0.04
WBL	1	1700	172	0.10	89	0.05*
WBT	2	3400	1092	0.32*	712	0.21
WBR	1	1700	39	0.02	34	0.02
Adjustment					Clearance	0.05
Overlaps						
Total ICU			0.46			0.54

327 - Barranca Pkwy. @ Technology
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	390	0.11*	57	0.02
NBT	2	3400	876	0.26	696	0.20*
NBR	1	1700	418	0.25	570	0.34
SBL	2	3400	125	0.04	194	0.06*
SBT	2	3400	722	0.21*	796	0.23
SBR	1	1700	173	0.10	39	0.02
EBL	1	1700	30	0.02*	199	0.12
EBT	1.5	3400	76	0.02	295	0.14*
EBR	1.5	1700	34	0.02	430	0.14
WBL	2	3400	181	0.05	532	0.16*
WBT	2	3400	345	0.10*	105	0.03
WBR	D	1700	109	0.06	110	0.06
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU			0.49			0.63

328 - Barranca Pkwy. @ I-5 HOV Ramp
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04	244	0.14*
NBT	2	3400	1500	0.44*	1292	0.38
NBR	0		0		0	
SBL	0		0	*	0	
SBT	3	5100	999	0.20	1521	0.30*
SBR	D	1700	9	0.01	140	0.08
EBL	1	1700	89	0.05*	117	0.07*
EBT	0		0		0	
EBR	1	1700	384	0.23	77	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					Clearance	0.05
Overlaps						
Total ICU			0.54			0.56

329 - Barranca Pkwy. @ ICD
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	133	0.04	21	0.01
NBT	2	3400	819	0.24*	795	0.23*
NBR	1	1700	150	0.09	153	0.09
SBL	2	3400	276	0.08*	263	0.08*
SBT	2	3400	685	0.20	983	0.29
SBR	1	1700	561	0.33	290	0.17
EBL	2	3400	187	0.06*	507	0.15
EBT	3	5100	598	0.12	1181	0.23*
EBR	1	1700	42	0.02	233	0.14
WBL	2	3400	151	0.04	333	0.10*
WBT	3	5100	1279	0.25*	909	0.18
WBR	1	1700	407	0.24	421	0.25
Adjustment					WBR	0.01
Overlaps					Clearance	0.05
Total ICU			0.68			0.70

330 - Barranca Pkwy. @ Pacifica
Buildout Approved With Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	186	0.11*	45	0.03*
NBT	2	3400	700	0.21	630	0.19
NBR	1	1700	421	0.25	475	0.28
SBL	1	1700	51	0.03	131	0.08
SBT	2	3400	603	0.18*	1291	0.38*
SBR	D	1700	200	0.12	16	0.01
EBL	2	3400	8	0.00*	106	0.03
EBT	2	1700	16	0.01	112	0.07*
EBR	0	1700	21	0.01	302	0.18
WBL	2	3400	182	0.05	273	0.08*
WBT	1	1700	193	0.11*	28	0.02
WBR	1	1700	391	0.23	195	0.11
Adjustment				WBR	0.06	EBR 0.09
Overlaps					Clearance	0.05
Total ICU			0.51			0.70

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	439	0.13*
NBT	2	3400	159	0.05	202	0.06
NBR	D	1700	11	0.01	25	0.01
SBL	2	3400	119	0.04	60	0.02
SBT	2	3400	279	0.08*	120	0.04*
SBR	D	1700	52	0.03	459	0.27
EBL	1	1700	509	0.30*	182	0.11*
EBT	2	3400	374	0.11	76	0.02
EBR	1	1700	371	0.22	99	0.06
WBL	1	1700	16	0.01	10	0.01
WBT	1	1700	63	0.04*	207	0.12*
WBR	1	1700	56	0.03	147	0.09
Adjustment					SBR	0.15
Overlaps					Clearance	0.05
Total ICU				0.50		0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	142	0.08	266	0.16*
NBT	2	3400	21	0.01*	113	0.03
NBR	F		276		470	
SBL	1	1700	225	0.13*	116	0.07
SBT	2	3400	108	0.03	29	0.01*
SBR	D	1700	19	0.01	10	0.01
EBL	2	3400	5	0.00	0	
EBT	2	3400	935	0.28*	828	0.24*
EBR	F		289		197	
WBL	2	3400	450	0.13*	202	0.06*
WBT	3	5100	819	0.16	841	0.16
WBR	F		95		218	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.52

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	200	0.12*	350	0.21*
NBT	3	5100	442	0.09	881	0.17
NBR	F		147		353	
SBL	1	1700	86	0.05	51	0.03
SBT	3	5100	710	0.14*	476	0.09*
SBR	F		277		193	
EBL	2	3400	172	0.05	208	0.06*
EBT	0		0	*	0	
EBR	F		495		169	
WBL	2	3400	430	0.13*	91	0.03
WBT	0		0		0	*
WBR	F		87		85	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.44		0.41

338 - Alton Pkwy. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	123	0.04*	445	0.13
NBT	3	5100	514	0.10	1317	0.26*
NBR	F		34		82	
SBL	2	3400	204	0.06	89	0.03*
SBT	3	5100	1500	0.29*	565	0.11
SBR	F		274		761	
EBL	3	5100	465	0.09*	318	0.06*
EBT	3	5100	517	0.10	396	0.08
EBR	D	1700	437	0.26	97	0.06
WBL	2	3400	129	0.04	67	0.02
WBT	3	5100	350	0.07*	602	0.12*
WBR	1	1700	45	0.03	163	0.10
Adjustment			EBR	0.11		
Overlaps					Clearance	0.05
Total ICU				0.65		0.52

339 - Alton Pkwy. @ Toledo Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	63	0.04*	78	0.05
NBT	3	5100	638	0.13	1535	0.30*
NBR	F		94		200	
SBL	1	1700	93	0.05	60	0.04*
SBT	3	5100	1624	0.32*	708	0.14
SBR	0		9		13	
EBL	1	1700	23	0.01	6	0.00
EBT	1	1700	95	0.11*	47	0.06*
EBR	0		93		49	
WBL	1	1700	151	0.09*	68	0.04*
WBT	1	1700	59	0.03	58	0.03
WBR	1	1700	117	0.07	97	0.06
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				0.61		0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	20	0.01
NBT	3	5100	1009	0.20	1438	0.28*
NBR	F		260		393	
SBL	2	3400	159	0.05	82	0.02*
SBT	3	5100	1543	0.31*	1011	0.20
SBR	0		26		6	
EBL	1	1700	3	0.00	23	0.01
EBT	1	1700	7	0.00*	32	0.02*
EBR	F		13		63	
WBL	2	3400	400	0.12*	295	0.09*
WBT	1	1700	41	0.02	7	0.00
WBR	1	1700	108	0.06	127	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	7	0.00
NBT	3	5100	783	0.15	1004	0.20*
NBR	1	1700	226	0.13	350	0.21
SBL	2	3400	149	0.04	114	0.03*
SBT	3	5100	1060	0.21*	722	0.14
SBR	F		1035		573	
EBL	2	3400	524	0.15*	706	0.21*
EBT	2	3400	221	0.07	459	0.14
EBR	0		10		4	
WBL	2	3400	183	0.05	132	0.04
WBT	2	3400	310	0.11*	266	0.12*
WBR	0		61		149	

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.53 0.61

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	20	0.01*	35	0.02*
NBT	1	1700	6	0.00	2	0.00
NBR	1	1700	89	0.05	367	0.22
SBL	1	1700	5	0.00	26	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		5		28	
EBL	1	1700	36	0.02	4	0.00
EBT	3	5100	1168	0.23*	1244	0.24*
EBR	D	1700	21	0.01	15	0.01
WBL	1	1700	279	0.16*	48	0.03*
WBT	3	5100	1308	0.26	1316	0.26
WBR	D	1700	25	0.01	2	0.00

Adjustment NBR 0.18
Overlaps Clearance 0.05

Total ICU 0.45 0.54

343 - Alton Pkwy. @ Ada
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	250	0.07*	157	0.05*
NBT	3	5100	1145	0.22	1097	0.22
NBR	D	1700	6	0.00	10	0.01
SBL	1	1700	8	0.00	24	0.01
SBT	3	5100	1183	0.23*	1294	0.25*
SBR	D	1700	105	0.06	121	0.07
EBL	1	1700	55	0.03*	136	0.08*
EBT	1	1700	54	0.03	27	0.02
EBR	1	1700	260	0.15	246	0.14
WBL	1	1700	12	0.01	14	0.01
WBT	1	1700	22	0.03*	29	0.02*
WBR	0		25		5	

Adjustment EBR 0.05 EBR 0.01
Overlaps Clearance 0.05

Total ICU 0.46 0.46

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	692	0.20*	657	0.19*
NBT	3	5100	1179	0.23	800	0.16
NBR	1	1700	612	0.36	311	0.18
SBL	1	1700	35	0.02	59	0.03
SBT	4	6800	1158	0.17*	1179	0.17*
SBR	1	1700	239	0.14	351	0.21
EBL	1.5	2550	209	0.07*	405	0.13*
EBT	1.5	2550	146	0.07	265	0.13
EBR	2	3400	410	0.12	1102	0.32
WBL	2.5	4250	312	0.08	643	0.14
WBT	1.5	2550	225	0.08*	278	0.14*
WBR	D	1700	35	0.02	19	0.01

Adjustment
Overlaps E Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.57 0.68

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2161	0.42*	1589	0.31
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1448	0.28	1664	0.33*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	900	0.25*	156	0.05*
WBT	0		0		0	
WBR	0.5	850	368	0.25	185	0.11

Adjustment WBR 0.04
Overlaps Clearance 0.05

Total ICU 0.72 0.47

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1204	0.24	1491	0.29*
NBR	1	1700	62	0.04	200	0.12
SBL	1	1700	260	0.15	505	0.30*
SBT	3	5100	2159	0.42*	1339	0.26
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	201	0.06*	137	0.04*
WBT	0		0		0	
WBR	2	3400	1244	0.37	893	0.26

Adjustment WBR 0.14
Overlaps W Clearance 0.05

Total ICU 0.67 0.68

348 - Alton Pkwy. @ ICD
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01	29	0.01
NBT	4	6800	445	0.07*	709	0.10*
NBR	F		133		185	
SBL	2	3400	447	0.13*	374	0.11*
SBT	3	5100	902	0.18	753	0.15
SBR	1	1700	263	0.15	118	0.07
EBL	2	3400	78	0.02	317	0.09
EBT	3	5100	644	0.13*	1068	0.21*
EBR	1	1700	15	0.01	61	0.04
WBL	2	3400	298	0.09	355	0.10
WBT	2.5	4250	815	0.21*	899	0.22*
WBR	1.5	2550	595	0.21	567	0.22
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.69

350 - Alton Pkwy. @ Pacifica
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01*	161	0.05*
NBT	3	5100	566	0.11	892	0.17
NBR	D	1700	249	0.15	222	0.13
SBL	2	3400	21	0.01	67	0.02
SBT	2	3400	1128	0.33*	1067	0.31*
SBR	1	1700	122	0.07	106	0.06
EBL	2	3400	139	0.04	88	0.03
EBT	2	3400	368	0.11*	143	0.04*
EBR	D	1700	144	0.08	38	0.02
WBL	1	1700	167	0.10*	190	0.11*
WBT	2	3400	168	0.05	379	0.11
WBR	D	1700	43	0.03	49	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.56

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	25	0.01*	110	0.03*
NBT	2	1700	5	0.00	81	0.04
NBR	0	1700	17	0.01	39	
SBL	2	3400	217	0.06	406	0.12
SBT	1	1700	550	0.32*	350	0.21*
SBR	F		1336		602	
EBL	1	1700	108	0.06*	439	0.26*
EBT	2	3400	124	0.04	200	0.06
EBR	1	1700	83	0.05	65	0.04
WBL	1	1700	13	0.01	41	0.02
WBT	2	3400	79	0.02*	309	0.09*
WBR	1	1700	10	0.01	114	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.64

356 - Pacifica @ ICD
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	15	0.00*	84	0.02
NBT	2	3400	15	0.00	97	0.03*
NBR	D	1700	248	0.15	629	0.37
SBL	2	3400	100	0.03	322	0.09*
SBT	2	3400	216	0.06*	78	0.02
SBR	1	1700	47	0.03	119	0.07
EBL	2	3400	40	0.01*	101	0.03
EBT	3	5100	1116	0.22	1482	0.29*
EBR	D	1700	90	0.05	39	0.02
WBL	2	3400	286	0.08	227	0.07*
WBT	3	5100	1754	0.34*	1419	0.28
WBR	1	1700	174	0.10	155	0.09
Adjustment			NBR	0.02	NBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.48		0.82

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	280	0.16	224	0.12*
NBT	0.5	1700	327	0.19*	169	0.12
NBR	F		37		173	
SBL	1	1700	14	0.01*	58	0.03
SBT	1	1700	17	0.01	185	0.11*
SBR	1	1700	33	0.02	239	0.14
EBL	1	1700	181	0.11*	329	0.19*
EBT	1	1700	78	0.05	298	0.18
EBR	F		311		619	
WBL	1	1700	23	0.01	122	0.07
WBT	2	1700	37	0.02*	265	0.09*
WBR	0	1700	41	0.02	42	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.56

358 - ICD @ Entertainment Wy.
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2060	0.40*	1594	0.31
NBR	F		483		1252	
SBL	1	1700	5	0.00*	46	0.03
SBT	3	5100	900	0.18	1882	0.37*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	121	0.04*	459	0.14*
WBT	0		0		0	
WBR	F		255		268	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.56

359 - ICD @ I-405 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1568	0.23*	2215	0.33
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	810	0.16	1837	0.36*
SBR	F		0		0	
EBL	3	5100	990	0.19*	638	0.13*
EBT	0		0		0	
EBR	F		901		737	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.47 0.54

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	83	0.06*	271	0.13
NBT	1	1700	165	0.06	218	0.13*
NBR	1.5	2550	128	0.06	392	0.13
SBL	1	1700	89	0.05	200	0.12*
SBT	2	3400	367	0.11*	177	0.05
SBR	D	1700	374	0.22	239	0.14
EBL	2	3400	423	0.12*	322	0.09
EBT	3	5100	732	0.14	1121	0.22*
EBR	D	1700	230	0.14	132	0.08
WBL	2	3400	523	0.15	258	0.08*
WBT	3	5100	919	0.18*	981	0.19
WBR	D	1700	57	0.03	33	0.02

Adjustment SBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.54 0.60

362 - Bake Pkwy. @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	193	0.06	165	0.05
NBT	3	5100	1560	0.34*	1258	0.37*
NBR	0		158		793	0.47
SBL	1	1700	97	0.06*	268	0.16*
SBT	3	5100	963	0.19	1293	0.25
SBR	1	1700	105	0.06	140	0.08
EBL	2	3400	124	0.04	127	0.04
EBT	2.5	4250	278	0.06*	792	0.16*
EBR	1.5	2550	160	0.06	273	0.16
WBL	2	3400	672	0.20*	438	0.13*
WBT	4	6800	630	0.09	393	0.06
WBR	D	1700	198	0.12	155	0.09

Adjustment
Overlaps Clearance 0.05

Total ICU 0.71 0.87

363 - Bake Pkwy. @ Toledo Wy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	343	0.20*	98	0.06
NBT	3	5100	1887	0.37	1992	0.39*
NBR	D	1700	60	0.04	395	0.23
SBL	1	1700	71	0.04	78	0.05*
SBT	3	5100	1615	0.32*	1894	0.37
SBR	D	1700	123	0.07	38	0.02
EBL	2	3400	39	0.01*	137	0.04
EBT	2	3400	42	0.01	265	0.08*
EBR	1	1700	65	0.04	225	0.13
WBL	2	3400	317	0.09	54	0.02*
WBT	2	3400	247	0.10*	50	0.03
WBR	0		79		91	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.68 0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	516	0.15	73	0.02
NBT	3	5100	2143	0.42*	2336	0.46*
NBR	D	1700	93	0.05	518	0.30
SBL	1	1700	72	0.04*	117	0.07*
SBT	4	6800	1855	0.28	1989	0.30
SBR	0		78		20	
EBL	2	3400	11	0.00	79	0.02
EBT	2	3400	69	0.02*	488	0.14*
EBR	1	1700	112	0.07	452	0.27
WBL	1	1700	440	0.26*	236	0.14*
WBT	3	5100	590	0.13	137	0.04
WBR	0		91		93	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.79 0.86

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	314	0.09*	82	0.02
NBT	4	6800	2607	0.38	2791	0.41*
NBR	F		158		386	
SBL	2	3400	56	0.02	206	0.06*
SBT	4	6800	2383	0.35*	2456	0.36
SBR	F		108		43	
EBL	2	3400	13	0.00*	192	0.06
EBT	2	3400	93	0.03	706	0.21*
EBR	F		137		264	
WBL	2	3400	288	0.08	164	0.05*
WBT	2	3400	432	0.13*	172	0.05
WBR	F		79		111	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.62 0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	203	0.06*	84	0.02
NBT	4	6800	2782	0.41	3374	0.50*
NBR	F		670		624	
SBL	2	3400	87	0.03	46	0.01*
SBT	4	6800	3011	0.44*	2739	0.40
SBR	1	1700	8	0.00	1	0.00
EBL	1	1700	1	0.00	4	0.00
EBT	2	3400	21	0.01*	20	0.01*
EBR	F		48		460	
WBL	3	5100	283	0.06*	879	0.17*
WBT	1	1700	63	0.04	18	0.01
WBR	D	1700	108	0.06	39	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3367	0.50*	3163	0.47*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	911	0.18	1903	0.37
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	169	0.10*	91	0.05*
WBT	0		0		0	
WBR	3	5100	1018	0.20	553	0.11
Adjustment			WBR	0.10	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.75		0.63

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	783	0.15*	1270	0.25*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	720	0.14	1033	0.20
SBR	F		0		0	
EBL	3	5100	3045	0.60*	2691	0.53*
EBT	0		0		0	
EBR	1	1700	555	0.33	163	0.10
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.83

371 - Bake Pkwy. @ Research Dr.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	24	0.01	4	0.00
NBT	3	5100	437	0.09*	390	0.08*
NBR	D	1700	27	0.02	11	0.01
SBL	2	3400	369	0.11*	220	0.06*
SBT	3	5100	457	0.09	628	0.12
SBR	1	1700	473	0.28	330	0.19
EBL	2	3400	120	0.04*	430	0.13*
EBT	2	3400	103	0.03	143	0.04
EBR	D	1700	20	0.01	25	0.01
WBL	1	1700	13	0.01	12	0.01
WBT	1	1700	116	0.07*	112	0.07*
WBR	2	3400	288	0.08	626	0.18
Adjustment			SBR	0.06	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.42		0.45

372 - Bake Pkwy. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	99	0.03	150	0.04
NBT	3	5100	245	0.05*	146	0.03*
NBR	D	1700	65	0.04	41	0.02
SBL	2	3400	215	0.06*	378	0.11*
SBT	3	5100	218	0.04	251	0.05
SBR	D	1700	19	0.01	29	0.02
EBL	2	3400	20	0.01	18	0.01
EBT	3	5100	933	0.18*	1280	0.25*
EBR	F		155		181	
WBL	2	3400	47	0.01*	118	0.03*
WBT	4	6800	890	0.13	1034	0.15
WBR	D	1700	224	0.13	249	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.47

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	161	0.05*	264	0.08
NBT	2	3400	629	0.19	999	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	648	0.19*	636	0.19
SBR	1	1700	114	0.07	146	0.09
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	40	0.02	176	0.10
NBT	2	3400	156	0.05*	256	0.08*
NBR	D	1700	126	0.07	184	0.11
SBL	1	1700	177	0.10*	131	0.08*
SBT	2	3400	256	0.08	161	0.05
SBR	D	1700	8	0.00	45	0.03
EBL	2	3400	55	0.02*	41	0.01
EBT	3	5100	762	0.15	1549	0.30*
EBR	D	1700	116	0.07	118	0.07
WBL	2	3400	251	0.07	136	0.04*
WBT	3	5100	1455	0.29*	1069	0.21
WBR	D	1700	246	0.14	153	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.55

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	661	0.19	1153	0.34*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	704	0.21*	557	0.16
SBR	0		0		0	
EBL	2	3400	127	0.04*	116	0.03*
EBT	0		0		0	
EBR	1	1700	314	0.18	178	0.10
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.14		
Overlaps				Clearance		0.05
Total ICU				0.44		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	338	0.10*
NBT	3	5100	788	0.15	1094	0.21
NBR	1	1700	123	0.07	336	0.20
SBL	2	3400	222	0.07	301	0.09
SBT	3	5100	1106	0.25*	1006	0.23*
SBR	0		148		142	
EBL	2	3400	169	0.05	534	0.16*
EBT	3	5100	575	0.11*	1074	0.21
EBR	1	1700	301	0.18	167	0.10
WBL	2	3400	449	0.13*	192	0.06
WBT	3	5100	884	0.17	577	0.11*
WBR	1	1700	371	0.22	277	0.16
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.62		0.65

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04*	98	0.06
NBT	3	5100	1109	0.22	1725	0.34*
NBR	D	1700	81	0.05	189	0.11
SBL	1	1700	43	0.03	35	0.02*
SBT	3	5100	1596	0.31*	1321	0.26
SBR	D	1700	64	0.04	17	0.01
EBL	1	1700	25	0.01	87	0.05
EBT	2	1700	87	0.05*	334	0.13*
EBR	0	1700	95	0.06	97	
WBL	1	1700	143	0.08*	65	0.04*
WBT	2	3400	280	0.10	80	0.03
WBR	0		64		25	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.58

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	98	0.06*	113	0.07
NBT	3	5100	807	0.16	1524	0.30*
NBR	1	1700	139	0.08	270	0.16
SBL	2	3400	201	0.06	164	0.05*
SBT	3	5100	1259	0.25*	1097	0.22
SBR	1	1700	293	0.17	169	0.10
EBL	1	1700	91	0.05*	229	0.13
EBT	2	3400	191	0.06	657	0.19*
EBR	1	1700	92	0.05	89	0.05
WBL	1	1700	329	0.19	44	0.03*
WBT	2	3400	718	0.21*	198	0.06
WBR	1	1700	377	0.22	53	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.62

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	65	0.02*	60	0.02
NBT	4	6800	850	0.14	1719	0.30*
NBR	0		134		322	
SBL	2	3400	134	0.04	157	0.05*
SBT	3	5100	1359	0.27*	1136	0.22
SBR	1	1700	171	0.10	73	0.04
EBL	2	3400	66	0.02*	278	0.08
EBT	2	3400	172	0.05	847	0.25*
EBR	1	1700	42	0.02	123	0.07
WBL	2	3400	317	0.09	167	0.05*
WBT	2	3400	607	0.18*	296	0.09
WBR	1	1700	178	0.10	102	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.54		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	513	0.15*	352	0.10
NBT	3	5100	951	0.19	1881	0.37*
NBR	1	1700	144	0.08	510	0.30
SBL	2	3400	99	0.03	207	0.06*
SBT	4	6800	1468	0.23*	1252	0.20
SBR	0		128		129	
EBL	2	3400	44	0.01*	196	0.06*
EBT	2	3400	139	0.04	402	0.12
EBR	2	3400	308	0.09	472	0.14
WBL	3	5100	425	0.08	468	0.09
WBT	2	3400	380	0.15*	320	0.16*
WBR	0		125		217	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.70

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2324	0.46*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1221	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	196	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	476	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.65

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	754	0.12	1338	0.22*
NBR	0		69		132	
SBL	2	3400	363	0.11	513	0.15*
SBT	3	5100	1284	0.25*	845	0.17
SBR	F		0		0	
EBL	3	5100	644	0.13	1697	0.33
EBT	0.5	850	341	0.31*	585	0.34*
EBR	1.5	2550	705	0.31	273	0.16
WBL	2	3400	185	0.05*	128	0.04*
WBT	0		0		0	
WBR	2	3400	161	0.05	321	0.09

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.66 0.80

385 - Lake Forest Dr. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01	32	0.01
NBT	3	5100	270	0.05*	488	0.10*
NBR	1	1700	96	0.06	446	0.26
SBL	2	3400	659	0.19*	785	0.23*
SBT	3	5100	709	0.14	331	0.06
SBR	F		136		98	
EBL	2	3400	71	0.02	186	0.05
EBT	3	5100	603	0.12*	1439	0.28*
EBR	D	1700	21	0.01	17	0.01
WBL	2	3400	497	0.15*	184	0.05*
WBT	3	5100	1125	0.22	707	0.14
WBR	1	1700	376	0.22	234	0.14

Adjustment NBR 0.12
Overlaps Clearance 0.05

Total ICU 0.56 0.83

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	106	0.06*	168	0.10
NBT	2	3400	151	0.04	235	0.07*
NBR	D	1700	106	0.06	256	0.15
SBL	1	1700	116	0.07	161	0.09*
SBT	2	3400	255	0.08*	215	0.06
SBR	D	1700	102	0.06	65	0.04
EBL	1	1700	35	0.02*	36	0.02
EBT	2	3400	351	0.10	1171	0.34*
EBR	1	1700	44	0.03	51	0.03
WBL	1	1700	105	0.06	116	0.07*
WBT	2	3400	884	0.26*	440	0.13
WBR	1	1700	101	0.06	61	0.04

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.47 0.65

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	745	0.22*	626	0.21*
NBT	1.5	1700	313	0.18	435	0.21
NBR	1	1700	397	0.23	549	0.32
SBL	1.5	1700	3	0.00	56	0.03
SBT	1.5	3400	390	0.11*	271	0.08*
SBR	D	1700	5	0.00	61	0.04
EBL	1	1700	2	0.00	166	0.10
EBT	2	1700	12	0.01*	545	0.32*
EBR	0	1700	315	0.19	672	0.40
WBL	1	1700	575	0.34*	179	0.11*
WBT	2	3400	30	0.01	212	0.08
WBR	0		3		66	

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.74 0.77

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		47	0.03
NBT	2	3400	326	0.10*	397	0.12*
NBR	1	1700	0		210	0.12
SBL	2	3400	595	0.18*	801	0.24*
SBT	2	3400	396	0.20	182	0.11
SBR	0		294		180	
EBL	1	1700	503	0.30*	956	0.56*
EBT	2	3400	0		506	0.18
EBR	0		0		115	
WBL	1	1700	0		57	0.03
WBT	2	1700	0	*	57	0.03*
WBR	0	1700	636	0.37	475	0.28
Adjustment			WBR	0.23	WBR	0.07
Overlaps					Clearance	0.05
Total ICU				0.86		1.07

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	108	0.06
NBT	2	3400	151	0.04*	222	0.07*
NBR	1	1700	90	0.05	101	0.06
SBL	2	3400	167	0.05*	249	0.07*
SBT	2	3400	142	0.04	134	0.04
SBR	1	1700	52	0.03	54	0.03
EBL	2	3400	38	0.01*	87	0.03
EBT	4	6800	954	0.16	2224	0.34*
EBR	0		166		88	
WBL	2	3400	100	0.03	87	0.03*
WBT	4	6800	1916	0.28*	940	0.14
WBR	1	1700	194	0.11	191	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.56

390 - Paseo de Valencia @ Avenida Carlota
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	157	0.05*	253	0.07*
NBT	1	1700	34	0.02	102	0.06
NBR	1	1700	20	0.01	77	0.05
SBL	2.5	3400	766	0.23	775	0.18
SBT	1.5	3400	758	0.25*	375	0.18*
SBR	0		79		55	
EBL	2	3400	322	0.09*	453	0.13*
EBT	2	3400	248	0.07	609	0.18
EBR	1	1700	87	0.05	362	0.21
WBL	1	1700	7	0.00	18	0.01
WBT	2	3400	413	0.12*	341	0.10*
WBR	1	1700	499	0.29	502	0.30
Adjustment					WBR	0.01
Overlaps		N W			Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.56		0.54

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	152	0.08*	158	0.06*
NBT	0		0		0	
NBR	1.5	2550	278	0.08	169	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	958	0.19	2486	0.49*
EBR	1	1700	150	0.09	132	0.08
WBL	1	1700	180	0.11	211	0.12*
WBT	3	5100	2136	0.42*	1021	0.20
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.72

392 - El Toro Rd. @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	205	0.06
NBT	4	6800	938	0.15	1651	0.29*
NBR	0		90		324	
SBL	2	3400	295	0.09	223	0.07*
SBT	4	6800	1510	0.29*	1204	0.20
SBR	0		435		135	
EBL	2	3400	243	0.07*	289	0.09
EBT	2	3400	261	0.08	871	0.26*
EBR	1	1700	118	0.07	318	0.19
WBL	2	3400	323	0.10	315	0.09*
WBT	2	3400	676	0.20*	317	0.09
WBR	1	1700	348	0.20	202	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.76

393 - El Toro Rd. @ Rockfield Bl.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	357	0.11*	430	0.13*
NBT	4	6800	917	0.13	1685	0.25
NBR	D	1700	159	0.09	239	0.14
SBL	2	3400	183	0.05	208	0.06
SBT	4	6800	1650	0.25*	1446	0.23*
SBR	0		77		117	
EBL	2	3400	89	0.03	390	0.11
EBT	2	3400	212	0.06*	524	0.15*
EBR	F		165		182	
WBL	2	3400	388	0.11*	280	0.08*
WBT	2	3400	292	0.09	231	0.07
WBR	1	1700	167	0.10	145	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.64

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	867	0.25	1614	0.40*
NBR	1.5	2550	847	0.25	1123	0.40
SBL	0		0		0	*
SBT	5	8500	2245	0.26*	2024	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	593	0.23*	502	0.27*
WBT	0		0		0	
WBR	1.5	2550	591	0.23	850	0.27
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.54		0.72

396 - El Toro Rd. @ Avenida Carlota
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		4		2	
NBT	4	6800	1319	0.19*	2050	0.30*
NBR	D	1700	64	0.04	152	0.09
SBL	2	3400	71	0.02*	215	0.06*
SBT	3	5100	836	0.16	969	0.19
SBR	1	1700	797	0.47	668	0.39
EBL	3	5100	539	0.11*	677	0.13
EBT	2	3400	233	0.07	640	0.19*
EBR	1	1700	182	0.11	149	0.09
WBL	0.5	850	45	0.06	64	0.06*
WBT	1.5	2550	173	0.06*	139	0.06
WBR	2	3400	201	0.06	454	0.13
Adjustment			SBR	0.15		
Overlaps		S W		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.58		0.66

397 - El Toro Rd. @ Paseo de Valencia
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02	184	0.05
NBT	3	5100	740	0.15*	1077	0.21*
NBR	1	1700	222	0.13	332	0.20
SBL	2	3400	290	0.09*	253	0.07*
SBT	3	5100	538	0.11	676	0.14
SBR	0		8		21	
EBL	1	1700	18	0.01	36	0.02
EBT	2	3400	539	0.16*	489	0.14*
EBR	1	1700	247	0.15	188	0.11
WBL	2	3400	353	0.10*	401	0.12*
WBT	2	3400	149	0.04	206	0.06
WBR	1	1700	366	0.22	445	0.26
Adjustment						
Overlaps		N E W		Clearance		0.05
Total ICU				0.55		0.59

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	392	0.12*	278	0.08
NBT	3	5100	636	0.12	895	0.18*
NBR	1	1700	147	0.09	215	0.13
SBL	2	3400	283	0.08	289	0.09*
SBT	3	5100	632	0.12*	633	0.12
SBR	1	1700	213	0.13	229	0.13
EBL	2	3400	239	0.07*	357	0.11
EBT	3	5100	712	0.14	2085	0.41*
EBR	1	1700	245	0.14	451	0.27
WBL	2	3400	267	0.08	212	0.06*
WBT	3	5100	1835	0.36*	890	0.17
WBR	1	1700	319	0.19	359	0.21
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.72		0.79

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Approved With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	611	0.12*	726	0.14*
NBR	F		899		1285	
SBL	1	1700	56	0.03*	161	0.09*
SBT	3	5100	678	0.13	553	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1300	0.38*	1050	0.31*
WBT	0		0		0	
WBR	1	1700	109	0.06	88	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.59

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1408	0.41*	2042	0.60*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	657	0.39	693	0.33
SBR	1.5	3400	1508	0.44	983	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	140	0.04	135	0.04
WBT	2	3400	624	0.18*	244	0.07*
WBR	1	1700	48	0.03	1	0.00
Adjustment			SBR	0.03		
Overlaps				Clearance		0.05
Total ICU				0.67		0.72

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Approved With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	691	0.20	737	0.22
NBR	1	1700	140	0.08	111	0.07
SBL	1	1700	5	0.00	17	0.01
SBT	2	3400	786	0.23*	823	0.24*
SBR	0		0		0	
EBL	1.5	3400	742	0.22*	1351	0.40*
EBT	1.5	1700	116	0.07	295	0.17
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.69

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	548	0.16*	901	0.27*
NBT	0		0		0	
NBR	1.5	1700	36	0.02	79	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	727	0.21*	847	0.25*
EBR	F		357		241	
WBL	1	1700	243	0.14*	198	0.12*
WBT	2	3400	492	0.14	404	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.69

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	11	0.00*	19	0.01*
NBT	0		1		10	0.01
NBR	1.5	1700	0		3	0.01
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	69	0.04*	421	0.25*
EBT	2	3400	39	0.01	126	0.04
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	196	0.06*	39	0.01*
WBR	1	1700	11	0.01	19	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.15		0.32

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	1700	23	0.01*	15	0.01*
SBT	0		7		0	
SBR	1.5	3400	553	0.16	55	0.02
EBL	0		0	*	0	
EBT	2	3400	84	0.02	532	0.16*
EBR	1	1700	23	0.01	15	0.01
WBL	1	1700	2	0.00	0	*
WBT	2	3400	204	0.06*	58	0.02
WBR	0		0		0	
Adjustment			SBR	0.15		
Overlaps				Clearance		0.05
Total ICU				0.27		0.22

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	736	0.43*	423	0.25*
NBT	2	3400	692	0.20	138	0.04
NBR	D	1700	56	0.03	21	0.01
SBL	1	1700	5	0.00	16	0.01
SBT	2	3400	104	0.03*	467	0.14*
SBR	D	1700	72	0.04	324	0.19
EBL	1	1700	217	0.13*	54	0.03*
EBT	2	3400	18	0.01	8	0.00
EBR	D	1700	335	0.20	238	0.14
WBL	1	1700	11	0.01	74	0.04
WBT	2	3400	8	0.00*	51	0.02*
WBR	D	1700	7	0.00	17	0.01
Adjustment					SBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.64		0.52

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	2573	0.38*	1881	0.28
NBR	1	1700	169	0.10	177	0.10
SBL	3	5100	504	0.10*	681	0.13
SBT	3	5100	1537	0.30	2219	0.44*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	189	0.06*	186	0.05*
WBT	0		0		0	
WBR	F		1285		1091	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.54

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	84	0.05
NBT	2	3400	929	0.27	1147	0.34*
NBR	D	1700	547	0.32	199	0.12
SBL	1	1700	38	0.02	10	0.01*
SBT	2	3400	1038	0.31*	846	0.25
SBR	D	1700	134	0.08	140	0.08
EBL	1	1700	105	0.06	97	0.06*
EBT	2	3400	303	0.10*	111	0.06
EBR	0		48		99	
WBL	2	3400	126	0.04*	523	0.15
WBT	1	1700	79	0.05	403	0.25*
WBR	0		6		15	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.54 0.71

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	192	0.06*	121	0.04*
SBT	0		0		0	
SBR	2	3400	102	0.03	457	0.13
EBL	2	3400	88	0.03*	111	0.03*
EBT	2	3400	338	0.10	781	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	831	0.24*	965	0.28*
WBR	D	1700	50	0.03	39	0.02

Adjustment SBR 0.07
Overlaps Clearance 0.05

Total ICU 0.38 0.47

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	206	0.12*	168	0.10*
NBT	0		0		0	
NBR	1	1700	259	0.15	228	0.13
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	661	0.13	1545	0.30*
EBR	D	1700	294	0.17	154	0.09
WBL	1	1700	193	0.11	142	0.08*
WBT	3	5100	1460	0.29*	878	0.17
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.46 0.53

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	33	0.02
NBT	2	3400	276	0.12	331	0.12*
NBR	0		130		89	
SBL	1	1700	104	0.06	85	0.05*
SBT	2	3400	471	0.16*	247	0.08
SBR	0		86		32	
EBL	1	1700	34	0.02	45	0.03
EBT	2	3400	144	0.05*	429	0.13*
EBR	0		40		26	
WBL	1	1700	225	0.13*	30	0.02*
WBT	2	3400	264	0.09	94	0.04
WBR	0		55		35	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.42 0.37

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	104	0.06*	37	0.02
NBT	2	3400	258	0.08	319	0.09*
NBR	D	1700	110	0.06	66	0.04
SBL	1	1700	137	0.08	38	0.02*
SBT	2	3400	344	0.10*	229	0.07
SBR	D	1700	331	0.19	40	0.02
EBL	1	1700	118	0.07*	119	0.07
EBT	2	3400	322	0.13	1042	0.33*
EBR	0		126		84	
WBL	1	1700	71	0.04	75	0.04*
WBT	2	3400	899	0.28*	330	0.12
WBR	0		67		85	

Adjustment SBR 0.04
Overlaps Clearance 0.05

Total ICU 0.60 0.53

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	81	0.05	119	0.07
NBT	2	1700	21	0.01*	40	0.02*
NBR	0	1700	59	0.03	96	0.06
SBL	2	3400	339	0.10*	311	0.09*
SBT	2	3400	67	0.02	35	0.01
SBR	F		946		510	
EBL	2	3400	309	0.09*	1143	0.34*
EBT	3	5100	619	0.12	1340	0.26
EBR	1	1700	116	0.07	98	0.06
WBL	2	3400	134	0.04	56	0.02
WBT	3	5100	1458	0.29*	691	0.14*
WBR	1	1700	313	0.18	285	0.17

Adjustment
Overlaps W Clearance 0.05

Total ICU 0.54 0.64

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	394	0.12	160	0.05*
NBT	3	5100	1223	0.24*	846	0.17
NBR	F		85		319	
SBL	2	3400	163	0.05*	427	0.13
SBT	3	5100	681	0.13	1248	0.24*
SBR	F		199		104	
EBL	1	1700	120	0.07*	99	0.06*
EBT	0		0		0	
EBR	F		145		343	
WBL	2	3400	222	0.07	136	0.04
WBT	0		0	*	0	*
WBR	F		499		154	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.40

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	345	0.10*	293	0.09*
NBT	3	5100	198	0.04	598	0.12
NBR	F		361		622	
SBL	1	1700	29	0.02	11	0.01
SBT	3	5100	714	0.14*	212	0.04*
SBR	2	3400	456	0.13	160	0.05
EBL	2	3400	79	0.02	389	0.11
EBT	3	5100	724	0.14*	1596	0.31*
EBR	1	1700	230	0.14	450	0.26
WBL	2	3400	484	0.14*	435	0.13*
WBT	4	6800	1622	0.24	904	0.13
WBR	D	1700	26	0.02	52	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

418 - El Toro Rd. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	265	0.08*	425	0.13*
NBT	4	6800	665	0.10	1364	0.20
NBR	1	1700	178	0.10	437	0.26
SBL	2	3400	200	0.06	251	0.07
SBT	4	6800	1733	0.30*	1008	0.17*
SBR	0		303		160	
EBL	2	3400	179	0.05*	337	0.10
EBT	3	3400	375	0.11	959	0.25*
EBR	0	1700	292	0.17	291	
WBL	2	3400	369	0.11	178	0.05*
WBT	3	5100	913	0.18*	431	0.08
WBR	1	1700	196	0.12	177	0.10
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.66		0.65

419 - El Toro Rd. @ Toledo Wy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	198	0.12*	31	0.02
NBT	4	6800	1157	0.17	1856	0.28*
NBR	0		13		18	
SBL	1	1700	1	0.00	3	0.00*
SBT	4	6800	1933	0.33*	1404	0.22
SBR	0		313		59	
EBL	1.5	2550	83	0.03*	367	0.11*
EBT	0.5	850	4	0.03	19	0.11
EBR	1	1700	198	0.12	47	0.03
WBL	0		35		13	
WBT	1	1700	12	0.03*	4	0.01*
WBR	0		2		3	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.56		0.45

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	124	0.07*	124	0.07
NBT	4	6800	1040	0.20	1503	0.27*
NBR	0		302		363	
SBL	2	3400	278	0.08	273	0.08*
SBT	4	6800	1731	0.29*	1160	0.18
SBR	0		263		90	
EBL	1	1700	148	0.09*	170	0.10
EBT	2	3400	275	0.08	773	0.23*
EBR	1	1700	200	0.12	150	0.09
WBL	2	3400	460	0.14	265	0.08*
WBT	2	3400	591	0.17*	333	0.10
WBR	1	1700	279	0.16	255	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.71

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	234	0.14*	218	0.13
NBT	3	5100	435	0.09	1022	0.20*
NBR	D	1700	104	0.06	287	0.17
SBL	1	1700	134	0.08	148	0.09*
SBT	3	5100	1063	0.21*	534	0.10
SBR	D	1700	303	0.18	91	0.05
EBL	1	1700	141	0.08*	296	0.17*
EBT	2	3400	441	0.13	707	0.21
EBR	D	1700	280	0.16	206	0.12
WBL	1	1700	284	0.17	147	0.09
WBT	2	3400	770	0.23*	448	0.13*
WBR	D	1700	174	0.10	153	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.64

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	205	0.12*	192	0.11
NBT	3	5100	663	0.13	1252	0.25*
NBR	1	1700	176	0.10	263	0.15
SBL	1	1700	211	0.12	140	0.08*
SBT	3	5100	1267	0.25*	664	0.13
SBR	1	1700	347	0.20	186	0.11
EBL	2	3400	188	0.06*	444	0.13
EBT	2	3400	522	0.15	785	0.23*
EBR	1	1700	185	0.11	274	0.16
WBL	2	3400	243	0.07	230	0.07*
WBT	2	3400	702	0.21*	507	0.15
WBR	1	1700	103	0.06	192	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.69 0.68

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	224	0.07*	173	0.05*
NBT	2	3400	581	0.17	408	0.12
NBR	1	1700	136	0.08	153	0.09
SBL	2	3400	120	0.04	319	0.09
SBT	2	3400	460	0.19*	699	0.28*
SBR	0		178		257	
EBL	2	3400	205	0.06*	180	0.05
EBT	3	5100	698	0.14	1180	0.23*
EBR	1	1700	271	0.16	249	0.15
WBL	2	3400	229	0.07	138	0.04*
WBT	3	5100	1071	0.21*	785	0.15
WBR	D	1700	337	0.20	182	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.65

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	220	0.06*	184	0.05
NBT	2	3400	818	0.24	1208	0.36*
NBR	0		3		4	
SBL	1	1700	13	0.01	18	0.01*
SBT	2	3400	907	0.27*	990	0.29
SBR	1	1700	494	0.29	293	0.17
EBL	1.5	2550	288	0.09*	395	0.13*
EBT	0.5	850	18	0.09	37	0.13
EBR	1	1700	210	0.12	363	0.21
WBL	0		5		12	
WBT	1	1700	50	0.03*	19	0.02*
WBR	D	1700	49	0.03	24	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.50 0.57

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	209	0.06*	161	0.05*
NBT	3	5100	857	0.17	972	0.19
NBR	0		3		1	
SBL	1	1700	8	0.00	7	0.00
SBT	3	5100	924	0.18*	1141	0.22*
SBR	D	1700	294	0.17	186	0.11
EBL	1.5	2550	134	0.04*	454	0.14*
EBT	0.5	850	3	0.04	15	0.14
EBR	1	1700	67	0.04	382	0.22
WBL	0		4		7	
WBT	1	1700	8	0.01*	2	0.01*
WBR	D	1700	8	0.00	14	0.01

Adjustment EBR 0.03
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.34 0.50

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	661	0.13*	1308	0.26*
SBT	0		0		0	
SBR	1	1700	386	0.23	216	0.13
EBL	2	3400	103	0.03*	216	0.06
EBT	2	3400	395	0.12	983	0.29*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	989	0.29*	434	0.13
WBR	2	3400	831	0.24	906	0.27

Adjustment SBR 0.07
Overlaps S W Clearance 0.05

Total ICU 0.57 0.60

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	173	0.05	332	0.10*
NBT	3	5100	1724	0.34*	1057	0.21
NBR	D	1700	10	0.01	32	0.02
SBL	1	1700	8	0.00*	29	0.02
SBT	3	5100	736	0.14	1887	0.37*
SBR	1	1700	343	0.20	498	0.29
EBL	1.5	2550	490	0.14*	335	0.10*
EBT	0.5	850	1	0.14	8	0.10
EBR	1	1700	264	0.16	315	0.19
WBL	0		40		24	
WBT	1	1700	9	0.03*	4	0.02*
WBR	D	1700	30	0.02	19	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.56 0.64

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	739	0.22*	649	0.19*
NBT	0.5	850	15	0.22	12	0.19
NBR	1	1700	432	0.25	485	0.29
SBL	1	1700	112	0.07	51	0.03
SBT	1	1700	25	0.08*	25	0.04*
SBR	0		106		44	
EBL	1	1700	25	0.01	80	0.05
EBT	3	5100	440	0.09*	1331	0.26*
EBR	1	1700	577	0.34	956	0.56
WBL	2	3400	369	0.11*	343	0.10*
WBT	3	5100	828	0.17	550	0.12
WBR	0		63		82	
Adjustment			EBR	0.08	Multi	0.17
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.63		0.81

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	462	0.14	232	0.07*
NBT	4	6800	1367	0.20*	846	0.12
NBR	1	1700	186	0.11	116	0.07
SBL	2	3400	216	0.06*	212	0.06
SBT	3	5100	572	0.11	1572	0.31*
SBR	1	1700	194	0.11	432	0.25
EBL	2	3400	344	0.10*	261	0.08*
EBT	3	5100	617	0.12	786	0.15
EBR	F		314		370	
WBL	1	1700	74	0.04	188	0.11
WBT	2	3400	772	0.23*	741	0.22*
WBR	1	1700	160	0.09	330	0.19
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.64		0.73

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	170	0.05	122	0.04
NBT	2	3400	457	0.13*	357	0.11*
NBR	D	1700	69	0.04	64	0.04
SBL	2	3400	170	0.05*	513	0.15*
SBT	2	3400	315	0.09	450	0.13
SBR	1	1700	155	0.09	167	0.10
EBL	1	1700	236	0.14*	155	0.09
EBT	3	5100	954	0.19	1555	0.30*
EBR	D	1700	72	0.04	122	0.07
WBL	1	1700	131	0.08	53	0.03*
WBT	3	5100	1741	0.34*	969	0.19
WBR	1	1700	407	0.24	192	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.64

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	562	0.17*	243	0.07*
NBT	2	3400	765	0.23	338	0.10
NBR	1	1700	156	0.09	81	0.05
SBL	2	3400	75	0.02	153	0.05
SBT	2	3400	407	0.12*	744	0.22*
SBR	1	1700	196	0.12	430	0.25
EBL	2	3400	384	0.11*	244	0.07
EBT	3	5100	1339	0.26	1821	0.36*
EBR	1	1700	218	0.13	449	0.26
WBL	2	3400	170	0.05	123	0.04*
WBT	3	5100	1979	0.39*	1356	0.27
WBR	1	1700	163	0.10	108	0.06
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.84		0.74

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	312	0.09
NBT	3	5100	1980	0.39	2328	0.46*
NBR	1	1700	89	0.05	133	0.08
SBL	2	3400	129	0.04	121	0.04*
SBT	4	6800	2469	0.38*	2104	0.32
SBR	0		134		101	
EBL	2	3400	91	0.03*	132	0.04
EBT	2	3400	401	0.12	446	0.13*
EBR	1	1700	468	0.28	449	0.26
WBL	2	3400	142	0.04	87	0.03*
WBT	2	3400	499	0.15*	355	0.10
WBR	1	1700	294	0.17	181	0.11
Adjustment			EBR	0.08		
Overlaps	E				Clearance	0.05
Total ICU				0.75		0.71

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Approved With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	187	0.11*	297	0.17*
NBT	0		0		0	
NBR	1.5	3400	377	0.11	672	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2092	0.41*	2409	0.47*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1650	0.32	1625	0.32
WBR	F		0		0	
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.57		0.72

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1228	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	897	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2335	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1041	0.20	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Approved With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	294	0.09	315	0.09
NBT	3	5100	1683	0.34*	1523	0.31*
NBR	0		60		64	
SBL	1	1700	73	0.04*	136	0.08*
SBT	3	5100	1330	0.26	1397	0.27
SBR	1	1700	423	0.25	388	0.23
EBL	2	3400	419	0.12*	534	0.16*
EBT	2	3400	249	0.07	558	0.16
EBR	2	3400	236	0.07	605	0.18
WBL	2	3400	100	0.03	100	0.03
WBT	3	5100	530	0.10*	263	0.05*
WBR	1	1700	86	0.05	61	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.65

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Approved With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	40	0.01	77	0.02*
NBT	4	6800	1318	0.19*	755	0.11
NBR	F		479		357	
SBL	2	3400	167	0.05*	218	0.06
SBT	3	5100	669	0.13	1254	0.25*
SBR	1	1700	237	0.14	641	0.38
EBL	2	3400	429	0.13*	358	0.11*
EBT	3	5100	1270	0.25	1188	0.23
EBR	1	1700	92	0.05	59	0.03
WBL	2	3400	262	0.08	352	0.10
WBT	3	5100	1080	0.21*	1356	0.27*
WBR	1	1700	174	0.10	162	0.10
Adjustment					SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.63		0.75

437 - Scientific Wy. @ ICD
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	20	0.01*	65	0.02*
NBT	2	3400	11	0.00	12	0.00
NBR	1	1700	0		1	0.00
SBL	2	3400	1	0.00	2	0.00
SBT	2	3400	6	0.00*	2	0.00*
SBR	1	1700	31	0.02	53	0.03
EBL	1	1700	92	0.05*	68	0.04
EBT	3	5100	651	0.13	1614	0.32*
EBR	1	1700	100	0.06	27	0.02
WBL	1	1700	0		0	*
WBT	3	5100	1102	0.22*	939	0.18
WBR	1	1700	40	0.02	13	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.39

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Approved With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	136	0.04*	485	0.14*
NBR	1	1700	45	0.03	102	0.06
SBL	1	1700	6	0.00*	30	0.02*
SBT	2	3400	146	0.04	263	0.08
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	917	0.27*	597	0.18*
WBT	0		0		0	
WBR	1	1700	9	0.01	64	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.39

444 - Sand Canyon Av. @ Burt Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	35	0.01*	26	0.01
NBT	3	5100	665	0.13	1853	0.36*
NBR	D	1700	47	0.03	63	0.04
SBL	1	1700	118	0.07	186	0.11*
SBT	3	5100	2887	0.57*	1247	0.24
SBR	1	1700	86	0.05	72	0.04
EBL	2	3400	102	0.03*	34	0.01
EBT	1	1700	19	0.01	1	0.00*
EBR	1	1700	64	0.04	12	0.01
WBL	1	1700	38	0.02	42	0.02*
WBT	1	1700	8	0.00*	5	0.00
WBR	1	1700	65	0.04	160	0.09
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.68		0.54

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	636	0.19*	1875	0.55*
NBT	1	1700	54	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	133	0.04*
SBR	D	1700	26	0.02	105	0.06
EBL	1	1700	37	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1600	0.47	494	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.31	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.58		0.66

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Approved With Project-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02*
NBT	0		0		0	
NBR	D	1700	24	0.01	99	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	869	0.26	1029	0.30*
EBR	D	1700	59	0.03	17	0.01
WBL	1	1700	148	0.09	41	0.02*
WBT	2	3400	1329	0.39*	753	0.22
WBR	0		0		0	
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.45		0.41

463 - Jamboree Rd. @ Chapman Ave.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	337	0.10
NBT	2	3400	228	0.07*	947	0.28*
NBR	2	3400	191	0.06	156	0.05
SBL	2	3400	696	0.20*	334	0.10*
SBT	3	5100	883	0.17	311	0.06
SBR	1	1700	29	0.02	73	0.04
EBL	2	3400	35	0.01	41	0.01*
EBT	3	5100	967	0.19*	331	0.06
EBR	1	1700	282	0.17	129	0.08
WBL	2	3400	349	0.10*	287	0.08
WBT	3	5100	508	0.10	1325	0.26*
WBR	2	3400	442	0.13	782	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.61		0.70

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	561	0.33*	118	0.07*
SBT	1	1700	365	0.21	14	0.01
SBR	2	3400	696	0.20	184	0.05
EBL	0		0		0	*
EBT	3	5100	1073	0.21*	772	0.15
EBR	1	1700	698	0.41	91	0.05
WBL	2	3400	374	0.11*	170	0.05
WBT	3	5100	715	0.14	2253	0.44*
WBR	0		0		0	
Adjustment			EBR	0.11		
Overlaps					Clearance	0.05
Total ICU				0.81		0.56

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	104	0.03*	700	0.21*
NBT	2	3400	18	0.01	247	0.07
NBR	D	1700	123	0.07	279	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	206	0.12*	424	0.25*
EBT	3	5100	1446	0.28	480	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	979	0.19*	1754	0.34*
WBR	D	1700	165	0.10	617	0.36
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.41		0.85

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	304	0.09*	963	0.28*
NBT	0		0		0	
NBR	1	1700	38	0.02	67	0.04
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	762	0.22*	568	0.17*
EBR	1.5	3400	897	0.26	780	0.23
WBL	1	1700	146	0.09*	91	0.05*
WBT	3	5100	992	0.19	945	0.19
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.45		0.55

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	96	0.03*	946	0.28*
NBT	3	5100	352	0.07	1759	0.34
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1765	0.35*	392	0.08*
SBR	1	1700	98	0.06	216	0.13
EBL	1	1700	101	0.06*	123	0.07*
EBT	0		0		0	
EBR	2	3400	790	0.23	219	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.64		0.48

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	868	0.17*	1699	0.33*
NBR	D	1700	491	0.29	753	0.44
SBL	1	1700	443	0.26*	246	0.14*
SBT	3	5100	1882	0.37	677	0.13
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	818	0.48*	354	0.21*
WBT	0		0		0	
WBR	1	1700	340	0.20	291	0.17
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.96		0.73

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		34		20	
SBT	1	1700	133	0.10*	1	0.01*
SBR	1	1700	1155	0.68	225	0.13
EBL	0		0		0	
EBT	1	1700	190	0.11*	957	0.56*
EBR	1	1700	744	0.44	42	0.02
WBL	0		0	*	2	*
WBT	1	1700	3	0.00	419	0.25
WBR	0		0		0	
Adjustment			Multi	0.83		
Overlaps					Clearance	0.05
Total ICU				1.09		0.62

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Approved With Project-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	421	0.25*
NBT	1	1700	15	0.01*	159	0.09
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	224	0.13*	977	0.57*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.19		0.87

477 - El Camino Real N. @ Bryan Ave.
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	5	0.00*	111	0.07*
NBT	0		0		0	
NBR	1.5	3400	51	0.02	403	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	422	0.12*	716	0.21
EBR	D	1700	114	0.07	30	0.02
WBL	2	3400	242	0.07*	101	0.03
WBT	2	3400	572	0.17	1312	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.51

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Approved With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01	104	0.06*
NBT	2	3400	19	0.01*	30	0.01
NBR	D	1700	6	0.00	16	0.01
SBL	2	3400	60	0.02*	72	0.02
SBT	2	3400	36	0.01	13	0.00*
SBR	D	1700	91	0.05	477	0.28
EBL	1	1700	477	0.28*	123	0.07*
EBT	1	1700	145	0.09	65	0.04
EBR	1	1700	88	0.05	12	0.01
WBL	1	1700	25	0.01	8	0.00
WBT	1	1700	63	0.04*	299	0.18*
WBR	2	3400	137	0.04	85	0.03
Adjustment					SBR	0.23
Overlaps					Clearance	0.05
Total ICU				0.40		0.59

482 - Visions @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01*	16	0.01*
NBT	1	1700	0		0	
NBR	1	1700	118	0.07	19	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	510	0.15*	690	0.20*
EBR	1	1700	226	0.13	22	0.01
WBL	1	1700	288	0.17*	20	0.01*
WBT	2	3400	610	0.18	599	0.18
WBR	D	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.27

483 - Tulip @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	58	0.03	27	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	533	0.16	438	0.13
EBR	D	1700	105	0.06	23	0.01
WBL	1	1700	5	0.00	37	0.02
WBT	2	3400	632	0.19*	676	0.20*
WBR	0		0		0	
Adjustment			NBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.25		0.25

484 - Sand Canyon Av. @ Roosevelt
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	73	0.02*	98	0.03
NBT	4	6800	684	0.10	2034	0.30*
NBR	D	1700	48	0.03	131	0.08
SBL	2	3400	25	0.01	76	0.02*
SBT	4	6800	1707	0.25*	921	0.14
SBR	D	1700	71	0.04	90	0.05
EBL	2	3400	125	0.04*	81	0.02*
EBT	2	3400	41	0.01	47	0.01
EBR	D	1700	233	0.14	83	0.05
WBL	2	3400	168	0.05	52	0.02
WBT	1	1700	83	0.05*	24	0.01*
WBR	D	1700	49	0.03	69	0.04
Adjustment			EBR	0.08	WBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.49		0.41

485 - Sand Canyon Av. @ Nightmist
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	108	0.03*	255	0.08
NBT	4	6800	727	0.11	2153	0.32*
NBR	D	1700	57	0.03	64	0.04
SBL	1	1700	40	0.02	18	0.01*
SBT	4	6800	2124	0.31*	987	0.15
SBR	D	1700	32	0.02	58	0.03
EBL	2	3400	52	0.02*	39	0.01
EBT	1	1700	27	0.02	6	0.00*
EBR	1	1700	302	0.18	111	0.07
WBL	2	3400	36	0.01	131	0.04*
WBT	1	1700	26	0.02*	6	0.00
WBR	D	1700	40	0.02	48	0.03
Adjustment			EBR	0.13		
Overlaps				Clearance		0.05
Total ICU				0.56		0.42

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	505	0.30*	184	0.11*
SBT	0		0		0	
SBR	2	3400	720	0.21	106	0.03
EBL	0		0		0	
EBT	2	3400	226	0.07*	748	0.22*
EBR	1	1700	909	0.53	465	0.27
WBL	2	3400	1083	0.32*	826	0.24*
WBT	2	3400	384	0.11	762	0.22
WBR	0		0		0	
Adjustment			EBR	0.23		
Overlaps				Clearance		0.05
Total ICU				0.97		0.62

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	460	0.14*	831	0.24*
NBT	0		0		0	
NBR	2	3400	927	0.27	1009	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	690	0.20	551	0.16*
EBR	F		36		365	
WBL	1	1700	113	0.07	600	0.35*
WBT	2	3400	1085	0.32*	747	0.22
WBR	0		0		0	
Adjustment			NBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.55		0.80

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	90	0.03*	204	0.06
NBT	3	5100	585	0.11	1380	0.27*
NBR	1	1700	121	0.07	148	0.09
SBL	2	3400	133	0.04	28	0.01*
SBT	3	5100	1268	0.25*	606	0.12
SBR	1	1700	60	0.04	61	0.04
EBL	1	1700	75	0.04	28	0.02
EBT	2	3400	44	0.01*	32	0.01*
EBR	D	1700	274	0.16	159	0.09
WBL	2	3400	173	0.05*	153	0.05*
WBT	2	3400	46	0.01	67	0.02
WBR	1	1700	35	0.02	158	0.09

Adjustment EBR 0.13 WBR 0.04
Overlaps Clearance 0.05

Total ICU 0.52 0.43

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	606	0.18	1095	0.32*
NBR	D	1700	264	0.16	674	0.40
SBL	1	1700	126	0.07	285	0.17*
SBT	2	3400	1017	0.30*	674	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	524	0.15*	264	0.08*
WBT	0		0		0	
WBR	2	3400	190	0.06	254	0.07

Adjustment NBR 0.02
Overlaps Clearance 0.05

Total ICU 0.50 0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	143	0.08*	206	0.12
NBT	2	3400	562	0.17	978	0.29*
NBR	D	1700	153	0.09	410	0.24
SBL	1	1700	158	0.09	134	0.08*
SBT	2	3400	815	0.24*	581	0.17
SBR	D	1700	78	0.05	55	0.03
EBL	1	1700	26	0.02*	62	0.04
EBT	2	3400	246	0.07	672	0.20*
EBR	1	1700	60	0.04	153	0.09
WBL	2	3400	271	0.08	166	0.05*
WBT	2	3400	616	0.18*	317	0.09
WBR	D	1700	57	0.03	86	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.67

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	536	0.16*	330	0.10*
NBT	3	5100	1468	0.29	928	0.18
NBR	D	1700	12	0.01	3	0.00
SBL	2	3400	24	0.01	19	0.01
SBT	3	5100	813	0.16*	1446	0.28*
SBR	1	1700	225	0.13	177	0.10
EBL	1.5	2550	116	0.04*	357	0.11*
EBT	0.5	850	12	0.04	32	0.11
EBR	F		249		807	
WBL	1.5	2550	7	0.01	13	0.01
WBT	1	1700	23	0.01*	23	0.01*
WBR	1.5	2550	16	0.01	23	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.42 0.55

518 - Alton Pkwy. @ Commercentre
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	616	0.12	1742	0.34*
NBR	D	1700	321	0.19	258	0.15
SBL	1	1700	204	0.12	58	0.03*
SBT	3	5100	1869	0.37*	858	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	256	0.08*	499	0.15*
WBT	0		0		0	
WBR	1.5	1700	67	0.04	274	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.50 0.57

520 - Keystone @ Trabuco Rd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	200	0.06*	59	0.02*
SBT	0		0		0	
SBR	1	1700	412	0.24	159	0.09
EBL	2	3400	155	0.05*	309	0.09*
EBT	2	3400	427	0.13	313	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	570	0.17*	563	0.17*
WBR	1	1700	40	0.02	179	0.11

Adjustment SBR 0.14
Overlaps Clearance 0.05

Total ICU 0.47 0.33

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Approved With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	246	0.14*	153	0.09
NBT	2	3400	710	0.21	1377	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1144	0.34*	859	0.25
SBR	1	1700	315	0.19	158	0.09
EBL	2	3400	126	0.04*	322	0.09*
EBT	0		0		0	
EBR	1	1700	153	0.09	141	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	166	0.05*
NBT	1	1700	10	0.01*	38	0.02
NBR	D	1700	53	0.03	119	0.07
SBL	1	1700	101	0.06*	17	0.01
SBT	2	3400	66	0.02	11	0.00*
SBR	D	1700	15	0.01	31	0.02
EBL	1	1700	5	0.00	34	0.02*
EBT	2	3400	973	0.29*	840	0.25
EBR	D	1700	222	0.13	64	0.04
WBL	1	1700	209	0.12*	36	0.02
WBT	2	3400	695	0.20	918	0.27*
WBR	D	1700	38	0.02	23	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.39

558 - Ridge Valley @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	215	0.06	331	0.10*
NBT	2	3400	162	0.05*	180	0.05
NBR	D	1700	75	0.04	97	0.06
SBL	1	1700	242	0.14*	80	0.05
SBT	2	3400	430	0.13	62	0.02*
SBR	F		457		254	
EBL	2	3400	118	0.03	421	0.12*
EBT	3	5100	1372	0.27*	1164	0.23
EBR	1	1700	185	0.11	227	0.13
WBL	2	3400	53	0.02*	67	0.02
WBT	3	5100	1273	0.25	1599	0.31*
WBR	1	1700	105	0.06	89	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.60

559 - Ridge Valley @ Great Park Blvd.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	230	0.07*	524	0.15*
NBT	2	1700	11	0.01	126	0.07
NBR	0	1700	37	0.02	149	0.09
SBL	1	1700	81	0.05	98	0.06
SBT	2	3400	25	0.01*	37	0.01*
SBR	F		498		347	
EBL	2	3400	274	0.08	544	0.16*
EBT	2	3400	946	0.28*	643	0.19
EBR	F		290		243	
WBL	1	1700	28	0.02*	63	0.04
WBT	2	3400	552	0.17	589	0.21*
WBR	0		26		141	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	76	0.04	303	0.18*
NBT	1	1700	4	0.02*	53	0.07
NBR	0		22		60	
SBL	1	1700	109	0.06*	53	0.03
SBT	1	1700	27	0.02	5	0.00*
SBR	1	1700	367	0.22	271	0.16
EBL	2	3400	167	0.05*	959	0.28*
EBT	2	3400	1000	0.29	1072	0.32
EBR	D	1700	247	0.15	92	0.05
WBL	1	1700	76	0.04	9	0.01
WBT	2	3400	1039	0.31*	528	0.16*
WBR	1	1700	51	0.03	93	0.05
Adjustment			SBR	0.13		
Overlaps		S		Clearance		0.05
Total ICU				0.62		0.67

561 - Bosque @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	105	0.06*	224	0.13*
NBT	0		0		0	
NBR	1	1700	270	0.16	287	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1638	0.32*	991	0.19
EBR	1	1700	146	0.09	106	0.06
WBL	1	1700	270	0.16*	179	0.11
WBT	3	5100	1544	0.30	1912	0.37*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.55

562 - Skyhawk @ Marine Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		32	0.02*
SBT	1	1700	0	*	0	
SBR	1	1700	701	0.41	218	0.13
EBL	1	1700	158	0.09	754	0.44*
EBT	2	3400	1077	0.32*	577	0.17
EBR	0		0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	482	0.14	575	0.17*
WBR	1	1700	0		111	0.07
Adjustment			SBR	0.27		
Overlaps					Clearance	0.05
Total ICU				0.64		0.68

563 - Chinon @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	320	0.12*	101	0.06*
NBT	0		0		0	
NBR	0.5	850	92	0.12	104	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1680	0.33*	824	0.16
EBR	1	1700	277	0.16	72	0.04
WBL	1	1700	34	0.02*	144	0.08
WBT	3	5100	725	0.14	1607	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.43

565 - Treble @ Marine Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01	7	0.00*
NBT	1	1700	2	0.02*	6	0.01
NBR	0		36		10	
SBL	2	3400	679	0.20*	200	0.06
SBT	1	1700	3	0.14	4	0.09*
SBR	0		241		142	
EBL	1	1700	57	0.03	302	0.18*
EBT	2	3400	869	0.26*	514	0.15
EBR	D	1700	4	0.00	10	0.01
WBL	1	1700	7	0.00*	20	0.01
WBT	2	3400	525	0.15	706	0.21*
WBR	1	1700	98	0.06	582	0.34
Adjustment					WBR	0.05
Overlaps	W				Clearance	0.05
Total ICU				0.53		0.58

566 - Marine Wy. @ Barranca Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	185	0.05
NBT	2	3400	189	0.06	665	0.20*
NBR	1	1700	45	0.03	142	0.08
SBL	2	3400	620	0.18	412	0.12*
SBT	2	3400	909	0.27*	257	0.08
SBR	1	1700	718	0.42	538	0.32
EBL	2	3400	255	0.08*	698	0.21*
EBT	2	3400	60	0.02	149	0.04
EBR	1	1700	88	0.05	93	0.05
WBL	2	3400	114	0.03	89	0.03
WBT	2	3400	90	0.03*	187	0.06*
WBR	1	1700	329	0.19	671	0.39
Adjustment			SBR	0.09	WBR	0.24
Overlaps					Clearance	0.05
Total ICU				0.54		0.88

567 - Marine Wy. @ Alton Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	687	0.20*	651	0.19*
NBT	2	3400	73	0.02	20	0.01
NBR	1	1700	657	0.39	584	0.34
SBL	2	3400	11	0.00	77	0.02
SBT	2	3400	14	0.00*	134	0.04*
SBR	1	1700	12	0.01	86	0.05
EBL	2	3400	62	0.02	16	0.00
EBT	3	5100	562	0.11*	462	0.09*
EBR	F		724		801	
WBL	2	3400	407	0.12*	543	0.16*
WBT	3	5100	330	0.06	349	0.07
WBR	1	1700	35	0.02	11	0.01
Adjustment			NBR	0.10	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.58		0.54

568 - Ada @ Marine Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03*	130	0.08*
NBT	0		0		0	
NBR	1	1700	66	0.04	162	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	864	0.30*	664	0.22
EBR	0		149		80	
WBL	0		150	*	111	
WBT	2	3400	630	0.23	744	0.25*
WBR	1	1700	0		0	
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.39		0.38

569 - Bake Pkwy @ Marine Wy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1136	0.33*	525	0.15*
NBT	4	6800	3061	0.45	3112	0.46
NBR	1	1700	159	0.09	55	0.03
SBL	1	1700	134	0.08	56	0.03
SBT	4	6800	2430	0.36*	3447	0.51*
SBR	F		959		536	
EBL	2	3400	368	0.11*	896	0.26*
EBT	1	1700	19	0.01	16	0.01
EBR	2	3400	346	0.10	972	0.29
WBL	1	1700	29	0.02	123	0.07
WBT	2	3400	11	0.00*	19	0.01*
WBR	D	1700	30	0.02	113	0.07
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.85		0.98

571 - Portola Springs @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	206	0.06
NBT	1	1700	56	0.08	50	0.09*
NBR	0		73		106	
SBL	1	1700	20	0.01	36	0.02*
SBT	1	1700	80	0.05*	28	0.02
SBR	D	1700	168	0.10	68	0.04
EBL	1	1700	64	0.04	112	0.07*
EBT	2	3400	473	0.14*	696	0.20
EBR	1	1700	291	0.17	85	0.05
WBL	1	1700	61	0.04*	67	0.04
WBT	2	3400	351	0.10	608	0.18*
WBR	D	1700	8	0.00	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.41

572 - Modjeska @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	61	0.04
NBT	1	1700	23	0.01*	47	0.03*
NBR	1	1700	65	0.04	54	0.03
SBL	2	3400	513	0.15*	197	0.06*
SBT	1	1700	103	0.06	23	0.01
SBR	1	1700	487	0.29	320	0.19
EBL	2	3400	191	0.06	441	0.13*
EBT	3	5100	1410	0.28*	777	0.15
EBR	1	1700	67	0.04	51	0.03
WBL	1	1700	78	0.05*	44	0.03
WBT	3	5100	895	0.18	1316	0.26*
WBR	1	1700	253	0.15	308	0.18
Adjustment			SBR	0.05	SBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.59		0.57

574 - Ridge Valley @ Benchmark
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	0	
NBT	2	3400	170	0.06	444	0.15*
NBR	0		26		82	
SBL	1	1700	120	0.07	34	0.02*
SBT	2	3400	403	0.13*	211	0.06
SBR	0		37		2	
EBL	1	1700	21	0.01	13	0.01
EBT	1	1700	4	0.01*	0	0.00*
EBR	0		18		1	
WBL	1	1700	118	0.07*	38	0.02*
WBT	1	1700	3	0.06	0	0.01
WBR	0		102		15	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.24

575 - Ridge Valley @ Hornet
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	53	0.03
NBT	2	3400	48	0.03	545	0.19*
NBR	0		46		115	
SBL	1	1700	82	0.05	100	0.06*
SBT	2	3400	395	0.12*	132	0.04
SBR	D	1700	52	0.03	39	0.02
EBL	1	1700	88	0.05*	50	0.03*
EBT	1	1700	28	0.03	3	0.01
EBR	0		29		13	
WBL	1	1700	66	0.04	51	0.03
WBT	1	1700	9	0.03*	6	0.10*
WBR	0		45		160	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.43

576 - Ridge Valley @ Phantom
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	799	0.28*
NBR	0		38		158	
SBL	1	1700	11	0.01	23	0.01*
SBT	2	3400	470	0.14*	255	0.08
SBR	0		4		4	
EBL	1	1700	3	0.00	6	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		31		14	
WBL	1	1700	47	0.03*	69	0.04*
WBT	1	1700	0	0.00	1	0.02
WBR	0		4		31	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.39

577 - Pusan Way @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	47	0.03
NBT	1	1700	53	0.03	64	0.04*
NBR	1	1700	64	0.04	65	0.04
SBL	1	1700	18	0.01	32	0.02*
SBT	1	1700	66	0.04*	28	0.02
SBR	1	1700	141	0.08	147	0.09
EBL	1	1700	102	0.06	170	0.10*
EBT	3	5100	1850	0.36*	901	0.18
EBR	1	1700	65	0.04	27	0.02
WBL	1	1700	58	0.03*	46	0.03
WBT	3	5100	1098	0.22	1601	0.31*
WBR	1	1700	44	0.03	48	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.52

579 - Merit @ Irvine Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	87	0.03*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	201	0.12	103	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	29	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1341	0.26*	819	0.16
EBR	1	1700	393	0.23	44	0.03
WBL	2	3400	200	0.06*	108	0.03
WBT	3	5100	540	0.11	1724	0.34*
WBR	1	1700	35	0.02	42	0.02
Adjustment			NBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.50		0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	266	0.11*	111	0.06*
SBT	0		0		0	
SBR	1.5	2550	304	0.11	219	0.06
EBL	1	1700	74	0.04	358	0.21*
EBT	3	5100	1561	0.31*	896	0.18
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1247	0.24	1321	0.26*
WBR	D	1700	52	0.03	267	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.47		0.58

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	110	0.04*	138	0.06*
NBR	0		30		57	
SBL	2	3400	395	0.12*	779	0.23*
SBT	1	1700	89	0.05	125	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	46	0.03*	61	0.04*
WBT	0		0		0	
WBR	2	3400	1266	0.37	390	0.11
Adjustment			WBR	0.25		
Overlaps				Clearance		0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	166	0.10*	232	0.14*
NBT	3	3400	246	0.07	951	0.21
NBR	0	1700	151	0.09	110	
SBL	1	1700	3	0.00	2	0.00
SBT	3	5100	1158	0.31*	338	0.10*
SBR	0		430		370	0.22
EBL	1	1700	420	0.25*	412	0.24*
EBT	1	1700	186	0.20	245	0.27
EBR	0		149		210	
WBL	1	1700	82	0.05	28	0.02
WBT	1	1700	247	0.15*	147	0.09*
WBR	0		2		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.86		0.62

595 - Skyhawk @ Great Park Blvd
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	189	
NBT	2	1700	0		0	0.11*
NBR	0	1700	277	0.16	615	0.36
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	981	0.29*	480	0.15
EBR	0		0		34	
WBL	0		322	*	241	
WBT	2	3400	292	0.18	1039	0.38*
WBR	0		0		0	
Adjustment			NBR	0.16	NBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.50		0.62

637 - Sterling @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	85	0.05*
NBT	1	1700	62	0.04*	8	0.03
NBR	0		5		40	
SBL	1	1700	7	0.00*	61	0.04
SBT	1	1700	3	0.01	83	0.07*
SBR	0		11		33	
EBL	1	1700	59	0.03*	3	0.00
EBT	2	3400	268	0.10	945	0.31*
EBR	0		77		119	
WBL	1	1700	4	0.00	12	0.01*
WBT	2	3400	519	0.17*	272	0.08
WBR	0		49		6	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.49

640 - Thomas @ Muirlands Bl.
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	31	0.02	54	0.03*
NBT	1	1700	32	0.02*	9	0.01
NBR	D	1700	6	0.00	28	0.02
SBL	1	1700	16	0.01*	38	0.02
SBT	1	1700	9	0.01	24	0.01*
SBR	D	1700	3	0.00	41	0.02
EBL	1	1700	15	0.01*	3	0.00
EBT	2	3400	181	0.05	964	0.28*
EBR	D	1700	65	0.04	74	0.04
WBL	1	1700	56	0.03	1	0.00*
WBT	2	3400	604	0.18*	276	0.08
WBR	D	1700	18	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.37

641 - Thomas @ Rockfield
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	24	0.01*	309	0.18*
SBT	1	1700	0	0.01	0	0.02
SBR	0		17		41	
EBL	1	1700	60	0.04*	73	0.04*
EBT	2	3400	7	0.00	104	0.03
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	180	0.11*	74	0.03*
WBR	0	1700	214	0.13	16	
Adjustment			WBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.22		0.30

655 - Ridge Valley @ Corsair
Buildout Approved With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	43	0.03
NBT	2	3400	73	0.03	691	0.24*
NBR	0		36		141	
SBL	1	1700	12	0.01	33	0.02*
SBT	2	3400	464	0.14*	155	0.05
SBR	D	1700	14	0.01	0	
EBL	1	1700	8	0.00	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		87		23	
WBL	1	1700	95	0.06*	75	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	18	0.01	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.36

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Buildout Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	232	0.14*	1	0.00*
SBT	0		0		0	
SBR	1.5	2550	606	0.25	450	0.13
EBL	2	3400	1209	0.36*	1384	0.41*
EBT	1	1700	613	0.36	104	0.06
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	170	0.09*	869	0.26*
WBR	0		129		25	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.72

581 - Lynx @ Irvine Bl.

Buildout Approved With Project-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	7	0.00	6	0.00
NBT	1	1700	0	*	0	*
NBR	1	1700	124	0.07	48	0.03
SBL	1	1700	9	0.01*	9	0.01*
SBT	1	1700	0	0.00	0	0.00
SBR	0		1		1	
EBL	1	1700	1	0.00	1	0.00*
EBT	3	5100	2727	0.53*	964	0.19
EBR	1	1700	5	0.00	5	0.00
WBL	1	1700	37	0.02*	88	0.05
WBT	3	5100	1038	0.21	2409	0.47*
WBR	0		9		10	
Adjustment			NBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.66		0.53

ITAM ICU Intersection Report
Buildout Pending Baseline

16 - Newport Av. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	127	0.07*	154	0.09
NBT	3	5100	445	0.09	883	0.17*
NBR	1	1700	220	0.13	418	0.25
SBL	1	1700	132	0.08	120	0.07*
SBT	3	5100	1291	0.25*	471	0.09
SBR	D	1700	180	0.11	242	0.14
EBL	2	3400	95	0.03	206	0.06
EBT	3	5100	854	0.17*	1140	0.22*
EBR	D	1700	67	0.04	87	0.05
WBL	2	3400	423	0.12*	155	0.05*
WBT	3	5100	1145	0.22	1021	0.20
WBR	D	1700	19	0.01	16	0.01

Adjustment NBR 0.03
Overlaps N Clearance 0.05

Total ICU 0.66 0.59

34 - Red Hill Av. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	150	0.04	496	0.15
NBT	1	1700	145	0.09*	345	0.20*
NBR	1	1700	212	0.12	239	0.14
SBL	2	3400	306	0.09*	204	0.06*
SBT	2	3400	322	0.09	141	0.04
SBR	D	1700	66	0.04	36	0.02
EBL	1	1700	20	0.01	47	0.03
EBT	3	5100	1159	0.26*	1763	0.37*
EBR	0		169		146	
WBL	1	1700	339	0.20*	386	0.23*
WBT	3	5100	1963	0.41	2558	0.53
WBR	0		132		158	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.69 0.91

54 - Browning Av. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	80	0.05*	140	0.08*
NBT	1	1700	97	0.06	72	0.04
NBR	1	1700	53	0.03	183	0.11
SBL	0		59		61	
SBT	1	1700	111	0.10*	24	0.05*
SBR	D	1700	70	0.04	29	0.02
EBL	1	1700	45	0.03*	16	0.01*
EBT	3	5100	1828	0.39	1934	0.39
EBR	0		170		40	
WBL	1	1700	112	0.07	125	0.07
WBT	3	5100	2343	0.47*	2718	0.55*
WBR	0		63		66	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.70 0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	354	0.10*	804	0.24*
NBT	3	5100	631	0.12	866	0.17
NBR	1	1700	244	0.14	276	0.16
SBL	2	3400	248	0.07	119	0.04
SBT	3	5100	1487	0.29*	428	0.08*
SBR	1	1700	598	0.35	441	0.26
EBL	2	3400	211	0.06*	458	0.13*
EBT	3	5100	1022	0.20	1349	0.26
EBR	1	1700	682	0.40	353	0.21
WBL	2	3400	389	0.11	97	0.03
WBT	3	5100	1558	0.31*	1663	0.33*
WBR	1	1700	167	0.10	212	0.12

Adjustment EBR 0.06 SBR 0.05
Overlaps N S Clearance 0.05

Total ICU 0.87 0.88

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	133	0.08*	29	0.02
NBT	3	5100	389	0.08	2693	0.53*
NBR	1	1700	10	0.01	5	0.00
SBL	1	1700	18	0.01	0	*
SBT	3	5100	2559	0.50*	590	0.12
SBR	1	1700	515	0.30	79	0.05
EBL	2	3400	93	0.03*	354	0.10*
EBT	1	1700	11	0.01	2	0.00
EBR	1	1700	20	0.01	5	0.00
WBL	1	1700	8	0.00	27	0.02
WBT	1	1700	4	0.00*	23	0.01*
WBR	1	1700	9	0.01	50	0.03

Adjustment WBR 0.02
Overlaps Clearance 0.05

Total ICU 0.66 0.71

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	154	0.05
NBT	3	5100	241	0.05	1445	0.28*
NBR	F		133		244	
SBL	2	3400	590	0.17	332	0.10*
SBT	3	5100	1739	0.34*	389	0.08
SBR	D	1700	12	0.01	17	0.01
EBL	1	1700	14	0.01	39	0.02*
EBT	2	3400	251	0.07*	405	0.12
EBR	D	1700	109	0.06	104	0.06
WBL	1	1700	296	0.17*	163	0.10
WBT	2	3400	510	0.15	954	0.28*
WBR	2	3400	239	0.07	1315	0.39

Adjustment WBR 0.03
Overlaps Clearance 0.05

Total ICU 0.65 0.76

125 - Jamboree Rd. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	200	0.06*	447	0.13
NBT	3	5100	457	0.09	1756	0.34*
NBR	1	1700	124	0.07	521	0.31
SBL	2	3400	389	0.11	250	0.07*
SBT	4	6800	2624	0.42*	710	0.12
SBR	0		222		80	
EBL	2	3400	135	0.04	342	0.10*
EBT	3	5100	856	0.17*	1405	0.28
EBR	1	1700	356	0.21	302	0.18
WBL	2	3400	627	0.18*	315	0.09
WBT	3	5100	1444	0.28	1536	0.30*
WBR	D	1700	218	0.13	452	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.88		0.86

126 - Jamboree Rd. @ Bryan Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	333	0.10
NBT	4	6800	515	0.08	2167	0.32*
NBR	1	1700	87	0.05	384	0.23
SBL	2	3400	115	0.03	174	0.05*
SBT	4	6800	2710	0.40*	949	0.14
SBR	D	1700	114	0.07	247	0.15
EBL	2	3400	71	0.02	312	0.09*
EBT	2	3400	240	0.07*	550	0.16
EBR	D	1700	256	0.15	211	0.12
WBL	2	3400	499	0.15*	279	0.08
WBT	2	3400	438	0.13	863	0.25*
WBR	1	1700	64	0.04	279	0.16
Adjustment				EBR 0.06		
Overlaps				Clearance		0.05
Total ICU				0.75		0.76

127 - Jamboree Rd. @ El Camino Real
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05*	686	0.20
NBT	4	6800	693	0.10	2451	0.36*
NBR	1	1700	598	0.35	409	0.24
SBL	1	1700	268	0.16	74	0.04*
SBT	4	6800	2990	0.44*	1026	0.15
SBR	1	1700	111	0.07	239	0.14
EBL	1	1700	57	0.03	283	0.17*
EBT	1	1700	173	0.10*	189	0.11
EBR	2	3400	246	0.07	411	0.12
WBL	2	3400	428	0.13*	530	0.16
WBT	2	3400	137	0.07	325	0.15*
WBR	0		103		182	
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.77		0.77

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1153	0.17	2587	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2958	0.44*	1566	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1103	0.32*	469	0.28*
WBT	0		0		0	
WBR	1.5	1700	361	0.21	1032	0.30
Adjustment					WBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.81		0.73

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1157	0.17	2414	0.36*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3182	0.47*	1505	0.22
SBR	F		0		0	
EBL	2	3400	499	0.15*	605	0.18*
EBT	0		0		0	
EBR	2	3400	645	0.19	627	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR 0.04		
Overlaps				Clearance		0.05
Total ICU				0.71		0.59

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	457	0.13	311	0.09
SBT	2	3400	923	0.27*	473	0.14*
SBR	1	1700	371	0.22	198	0.12
EBL	0		0		0	
EBT	3	5100	497	0.10*	710	0.14*
EBR	1	1700	264	0.16	443	0.26
WBL	2	3400	492	0.14*	416	0.12*
WBT	3	5100	638	0.13	1320	0.26
WBR	0		0		0	
Adjustment				EBR 0.06	EBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.62		0.57

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	288	0.08	423	0.12
NBT	2	3400	321	0.09*	558	0.16*
NBR	D	1700	197	0.12	701	0.41
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	97	0.03*	212	0.06*
EBT	3	5100	825	0.16	808	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	871	0.17*	1351	0.26*
WBR	1	1700	334	0.20	477	0.28
Adjustment			WBR	0.03	Multi	0.15
Overlaps					Clearance	0.05
Total ICU				0.37		0.68

133 - Jamboree Rd. @ Edinger Av.
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	102	0.03	345	0.10*
NBT	0		0	*	0	
NBR	1	1700	55	0.03	246	0.14
SBL	2	3400	200	0.06*	279	0.08
SBT	0		0		0	*
SBR	F		782		499	
EBL	2	3400	275	0.08*	544	0.16*
EBT	3	5100	787	0.18	1386	0.30
EBR	0		127		148	
WBL	2	3400	228	0.07	128	0.04
WBT	3	5100	1356	0.27*	1585	0.31*
WBR	1	1700	226	0.13	202	0.12
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		8		4	
SBT	1	1700	0	0.00*	0	0.00*
SBR	1	1700	20	0.01	140	0.08
EBL	1	1700	331	0.19*	870	0.51*
EBT	2	3400	513	0.15	887	0.26
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	485	0.14*	942	0.28*
WBR	D	1700	206	0.12	181	0.11
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.84

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	296	0.09*	534	0.16
NBT	5	8500	775	0.09	2969	0.35*
NBR	1	1700	154	0.09	145	0.09
SBL	2	3400	390	0.11	284	0.08*
SBT	4	6800	2755	0.41*	1169	0.17
SBR	F		1857		473	
EBL	3	5100	222	0.04*	1244	0.24*
EBT	2	3400	623	0.18	877	0.26
EBR	1	1700	183	0.11	313	0.18
WBL	2	3400	184	0.05	140	0.04
WBT	3	5100	1000	0.20*	980	0.19*
WBR	F		162		723	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.79		0.91

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	236	0.14*	97	0.06*
SBT	0		0		0	
SBR	2	3400	94	0.03	28	0.01
EBL	0		0		0	*
EBT	3	5100	917	0.18*	1015	0.20
EBR	1	1700	111	0.07	28	0.02
WBL	2	3400	191	0.06*	81	0.02
WBT	3	5100	830	0.16	2437	0.48*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.59

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	10	0.01*	98	0.06*
NBT	0		0		0	
NBR	0.5	1700	52	0.03	165	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	18	0.01	34	0.01*
EBT	3	5100	1109	0.22*	1063	0.21
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1046	0.21	2433	0.48*
WBR	1	1700	125	0.07	113	0.07
Adjustment			NBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.30		0.60

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	31	0.01*	24	0.01*
SBT	0		0		0	
SBR	1	1700	194	0.11	88	0.05
EBL	0		0	*	0	*
EBT	3	5100	1003	0.20	1757	0.34
EBR	D	1700	93	0.05	77	0.05
WBL	2	3400	404	0.12	73	0.02
WBT	3	5100	2032	0.40*	2251	0.44*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.56		0.54

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	204	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	38	0.01	349	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	50	0.03*	93	0.05*
EBT	3	5100	837	0.16	1494	0.29
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1967	0.39*	2025	0.40*
WBR	1	1700	56	0.03	54	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.61

218 - Culver Dr. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	132	0.04*	385	0.11*
NBT	2	3400	148	0.04	208	0.06
NBR	1	1700	214	0.13	259	0.15
SBL	2	3400	93	0.03	117	0.03
SBT	2	3400	314	0.09*	216	0.06*
SBR	1	1700	135	0.08	135	0.08
EBL	2	3400	104	0.03	147	0.04*
EBT	3	5100	783	0.15*	680	0.13
EBR	1	1700	267	0.16	176	0.10
WBL	2	3400	305	0.09*	177	0.05
WBT	3	5100	689	0.14	1926	0.38*
WBR	1	1700	67	0.04	86	0.05
Adjustment						
Overlaps		N S E		Clearance		0.05
Total ICU				0.42		0.64

220 - Culver Dr. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	133	0.04*	292	0.09
NBT	3	5100	470	0.09	1032	0.20*
NBR	1	1700	184	0.11	531	0.31
SBL	2	3400	223	0.07	237	0.07*
SBT	3	5100	1256	0.25*	603	0.12
SBR	D	1700	201	0.12	129	0.08
EBL	2	3400	87	0.03	203	0.06*
EBT	3	5100	559	0.11*	981	0.19
EBR	D	1700	206	0.12	150	0.09
WBL	2	3400	591	0.17*	333	0.10
WBT	3	5100	1114	0.22	1545	0.30*
WBR	D	1700	84	0.05	183	0.11
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.62		0.68

221 - Culver Dr. @ Bryan Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	214	0.06*	615	0.18
NBT	3	5100	692	0.14	1786	0.35*
NBR	1	1700	192	0.11	411	0.24
SBL	2	3400	81	0.02	79	0.02*
SBT	3	5100	1951	0.38*	950	0.19
SBR	D	1700	216	0.13	129	0.08
EBL	2	3400	108	0.03	185	0.05*
EBT	1.5	2550	224	0.10*	491	0.18
EBR	1.5	2550	282	0.10	418	0.18
WBL	2	3400	405	0.12*	218	0.06
WBT	2	3400	376	0.14	580	0.20*
WBR	0		103		91	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.71		0.67

222 - Culver Dr. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	780	0.15	2229	0.44*
NBR	F		667		1079	
SBL	1	1700	118	0.07	129	0.08*
SBT	3	5100	2004	0.39*	1203	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	870	0.26*	732	0.22*
WBT	0		0		0	
WBR	2	3400	346	0.10	797	0.23
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.79

223 - Culver Dr. @ I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1085	0.16	2234	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2256	0.44*	1558	0.31
SBR	F		0		0	
EBL	3	5100	424	0.08*	1075	0.21*
EBT	0		0		0	
EBR	2	3400	539	0.16	707	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.65		0.59

224 - Culver Dr. @ Walnut Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	129	0.04*	242	0.07
NBT	3	5100	835	0.16	1546	0.30*
NBR	1	1700	295	0.17	339	0.20
SBL	2	3400	160	0.05	251	0.07*
SBT	3	5100	1785	0.35*	1257	0.25
SBR	1	1700	502	0.30	372	0.22
EBL	2	3400	347	0.10*	604	0.18*
EBT	2	3400	434	0.13	706	0.21
EBR	1	1700	151	0.09	139	0.08
WBL	2	3400	368	0.11	348	0.10
WBT	2	3400	647	0.19*	741	0.22*
WBR	1	1700	271	0.16	233	0.14
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.73		0.82

226 - Culver Dr. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	250	0.07*	252	0.07
NBT	4	6800	732	0.11	1400	0.21*
NBR	F		426		575	
SBL	2	3400	198	0.06	311	0.09*
SBT	4	6800	1781	0.26*	1164	0.17
SBR	1	1700	198	0.12	167	0.10
EBL	2	3400	112	0.03	217	0.06*
EBT	3	5100	912	0.18*	1178	0.23
EBR	F		300		323	
WBL	2	3400	560	0.16*	390	0.11
WBT	3	5100	1240	0.24	2076	0.41*
WBR	F		163		277	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.82

227 - Culver Dr. @ Warner Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	43	0.03*	156	0.09
NBT	3	5100	882	0.17	2150	0.42*
NBR	1	1700	98	0.06	234	0.14
SBL	1	1700	131	0.08	137	0.08*
SBT	3	5100	2302	0.45*	1569	0.31
SBR	D	1700	141	0.08	234	0.14
EBL	2	3400	178	0.05	148	0.04
EBT	2	3400	239	0.07*	261	0.08*
EBR	D	1700	134	0.08	144	0.08
WBL	1	1700	200	0.12*	84	0.05*
WBT	2	3400	289	0.09	209	0.06
WBR	D	1700	226	0.13	127	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.68

228 - Culver Dr. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	269	0.08
NBT	3	5100	753	0.15	1661	0.33*
NBR	1	1700	270	0.16	254	0.15
SBL	2	3400	367	0.11	192	0.06*
SBT	3	5100	1844	0.36*	1278	0.25
SBR	F		411		350	
EBL	2	3400	164	0.05	690	0.20*
EBT	2	3400	660	0.19*	967	0.28
EBR	1	1700	239	0.14	387	0.23
WBL	2	3400	183	0.05*	210	0.06
WBT	3	5100	837	0.18	950	0.22*
WBR	0		105		191	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.86

229 - Culver Dr. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	196	0.06
NBT	4	6800	1073	0.16	1988	0.29*
NBR	1	1700	256	0.15	429	0.25
SBL	2	3400	110	0.03	264	0.08*
SBT	3	5100	1839	0.36*	1227	0.24
SBR	F		302		345	
EBL	2	3400	161	0.05*	260	0.08*
EBT	3	5100	455	0.13	866	0.21
EBR	0		199		186	
WBL	2	3400	325	0.10	296	0.09
WBT	2	3400	715	0.21*	784	0.23*
WBR	1	1700	216	0.13	291	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.73

232 - Culver Dr. @ I-405 NB Ramps
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1345	0.26	2417	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1720	0.34*	1551	0.30
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	715	0.21*	727	0.21*
WBT	0		0		0	
WBR	1.5	1700	196	0.12	331	0.19
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.73

233 - Culver Dr. @ I-405 SB Ramps
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1471	0.29	1744	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1893	0.37*	1653	0.32
SBR	F		0		0	
EBL	1.5	3400	739	0.22*	963	0.28*
EBT	0		0		0	
EBR	1.5	1700	324	0.19	376	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.67

235 - Culver Dr. @ University Dr.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	49	0.01*
NBT	4	6800	1046	0.15	1413	0.21
NBR	2	3400	686	0.20	898	0.26
SBL	2	3400	64	0.02	79	0.02
SBT	3	5100	1164	0.23*	1206	0.24*
SBR	D	1700	367	0.22	183	0.11
EBL	2	3400	75	0.02	283	0.08
EBT	3	5100	1082	0.21*	1459	0.29*
EBR	D	1700	62	0.04	55	0.03
WBL	2	3400	820	0.24*	693	0.20*
WBT	3	5100	1468	0.30	752	0.16
WBR	0		77		75	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.75		0.79

243 - Yale Av. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04	60	0.04
NBT	2	1700	114	0.07*	49	0.03*
NBR	0	1700	191	0.11	136	0.08
SBL	1	1700	139	0.08*	102	0.06*
SBT	1	1700	73	0.04	48	0.03
SBR	D	1700	133	0.08	121	0.07
EBL	1	1700	113	0.07	108	0.06*
EBT	3	5100	885	0.17*	864	0.17
EBR	D	1700	56	0.03	84	0.05
WBL	1	1700	262	0.15*	163	0.10
WBT	3	5100	950	0.19	1952	0.38*
WBR	D	1700	181	0.11	99	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.58

249 - Yale Av. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	122	0.07*	233	0.14*
NBT	2	3400	257	0.08	241	0.07
NBR	D	1700	105	0.06	89	0.05
SBL	2	3400	264	0.08	146	0.04
SBT	2	3400	359	0.11*	141	0.04*
SBR	D	1700	391	0.23	180	0.11
EBL	1	1700	121	0.07*	339	0.20*
EBT	3	5100	698	0.15	1239	0.27
EBR	0		86		162	
WBL	1	1700	129	0.08	73	0.04
WBT	3	5100	1138	0.26*	1685	0.37*
WBR	0		199		202	
Adjustment			SBR	0.07		
Overlaps				Clearance		0.05
Total ICU				0.63		0.80

252 - Yale Av. @ Bryan Av.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	129	0.08*
NBT	2	3400	234	0.07	398	0.12
NBR	D	1700	63	0.04	106	0.06
SBL	1	1700	32	0.02	73	0.04
SBT	2	3400	373	0.11*	289	0.09*
SBR	D	1700	40	0.02	51	0.03
EBL	1	1700	29	0.02*	74	0.04*
EBT	2	3400	242	0.07	602	0.18
EBR	D	1700	65	0.04	67	0.04
WBL	1	1700	85	0.05	63	0.04
WBT	2	3400	445	0.13*	653	0.19*
WBR	D	1700	27	0.02	76	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.45

255 - Yale Av. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	139	0.08*	112	0.07
NBT	2	3400	295	0.09	626	0.18*
NBR	D	1700	82	0.05	203	0.12
SBL	1	1700	125	0.07	113	0.07*
SBT	2	3400	445	0.13*	343	0.10
SBR	D	1700	229	0.13	85	0.05
EBL	1	1700	53	0.03*	180	0.11*
EBT	2	3400	215	0.06	468	0.14
EBR	D	1700	56	0.03	112	0.07
WBL	1	1700	171	0.10	74	0.04
WBT	2	3400	484	0.14*	376	0.11*
WBR	D	1700	78	0.05	150	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.52

259 - Yale Av. @ Walnut Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	189	0.06*	228	0.07
NBT	2	3400	246	0.11	689	0.27*
NBR	0		141		225	
SBL	1	1700	91	0.05	125	0.07*
SBT	2	3400	576	0.17*	270	0.08
SBR	1	1700	312	0.18	261	0.15
EBL	1	1700	200	0.12*	415	0.24*
EBT	2	3400	405	0.12	580	0.17
EBR	D	1700	310	0.18	154	0.09
WBL	1	1700	170	0.10	80	0.05
WBT	2	3400	467	0.14*	612	0.18*
WBR	D	1700	67	0.04	183	0.11
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.54		0.81

261 - Yale Av. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	173	0.10	162	0.10
NBT	2	3400	140	0.04*	339	0.10*
NBR	D	1700	263	0.15	241	0.14
SBL	1	1700	334	0.20*	155	0.09*
SBT	2	3400	337	0.10	140	0.04
SBR	D	1700	499	0.29	111	0.07
EBL	2	3400	166	0.05	374	0.11*
EBT	3	5100	1256	0.27*	1513	0.33
EBR	0		141		163	
WBL	1	1700	172	0.10*	173	0.10
WBT	3	5100	1202	0.24	2376	0.47*
WBR	1	1700	170	0.10	428	0.25
Adjustment			Multi	0.08		
Overlaps				Clearance		0.05
Total ICU				0.74		0.82

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	114	0.07	110	0.06
NBT	2	3400	129	0.04*	216	0.06*
NBR	D	1700	101	0.06	76	0.04
SBL	1	1700	224	0.13*	81	0.05*
SBT	2	3400	221	0.07	123	0.04
SBR	D	1700	239	0.14	77	0.05
EBL	2	3400	63	0.02	145	0.04*
EBT	2	3400	1047	0.31*	1152	0.34
EBR	D	1700	54	0.03	69	0.04
WBL	1	1700	62	0.04*	58	0.03
WBT	2	3400	790	0.26	1203	0.40*
WBR	0		77		168	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.60

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04	167	0.10
NBT	2	3400	134	0.04*	314	0.09*
NBR	D	1700	241	0.14	271	0.16
SBL	1	1700	317	0.19*	142	0.08*
SBT	2	3400	487	0.14	176	0.05
SBR	D	1700	123	0.07	78	0.05
EBL	1	1700	87	0.05	122	0.07*
EBT	2	3400	748	0.22*	959	0.28
EBR	D	1700	129	0.08	135	0.08
WBL	1	1700	288	0.17*	127	0.07
WBT	2	3400	909	0.27	1112	0.33*
WBR	D	1700	223	0.13	312	0.18
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.62

268 - W. Yale Loop @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	222	0.13*	108	0.06*
NBT	2	3400	232	0.07	152	0.04
NBR	D	1700	305	0.18	189	0.11
SBL	1	1700	33	0.02	40	0.02
SBT	2	3400	147	0.04*	152	0.04*
SBR	D	1700	119	0.07	119	0.07
EBL	1	1700	67	0.04*	52	0.03
EBT	2	3400	675	0.20	1308	0.38*
EBR	D	1700	85	0.05	189	0.11
WBL	1	1700	72	0.04	214	0.13*
WBT	2	3400	966	0.28*	1136	0.33
WBR	D	1700	66	0.04	63	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.66

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	195	0.11*	156	0.09*
NBT	2	3400	345	0.10	313	0.09
NBR	D	1700	645	0.38	349	0.21
SBL	2	3400	229	0.07	161	0.05
SBT	2	3400	377	0.11*	204	0.06*
SBR	D	1700	179	0.11	101	0.06
EBL	1	1700	100	0.06	230	0.14
EBT	2	3400	708	0.29*	1100	0.38*
EBR	0		262		194	
WBL	2	3400	383	0.11*	541	0.16*
WBT	2	3400	960	0.28	1122	0.33
WBR	D	1700	135	0.08	168	0.10
Adjustment			NBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.82		0.74

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	464	0.14*	619	0.18*
NBT	2	3400	26	0.01	60	0.02
NBR	1	1700	223	0.13	292	0.17
SBL	2	3400	168	0.05	32	0.01
SBT	3	3400	110	0.03*	8	0.00*
SBR	0	1700	348	0.20	68	0.04
EBL	2	3400	113	0.03	197	0.06*
EBT	3	5100	966	0.19*	958	0.19
EBR	1	1700	636	0.37	230	0.14
WBL	2	3400	366	0.11*	185	0.05
WBT	3	5100	1154	0.23	1637	0.32*
WBR	D	1700	65	0.04	159	0.09
Adjustment			Multi	0.16		
Overlaps	E				Clearance	0.05
Total ICU				0.68		0.61

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	134	0.04*	355	0.10
NBT	3	5100	463	0.09	979	0.19*
NBR	F		202		424	
SBL	2	3400	208	0.06	127	0.04*
SBT	3	5100	840	0.16*	383	0.08
SBR	1	1700	184	0.11	115	0.07
EBL	2	3400	79	0.02	201	0.06*
EBT	3	5100	678	0.13*	998	0.20
EBR	D	1700	187	0.11	164	0.10
WBL	2	3400	507	0.15*	236	0.07
WBT	3	5100	1110	0.22	1526	0.30*
WBR	D	1700	188	0.11	232	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.64

284 - Jeffrey Rd. @ Bryan Av.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	89	0.03*	611	0.18*
NBT	3	5100	571	0.11	1441	0.28
NBR	D	1700	73	0.04	257	0.15
SBL	2	3400	38	0.01	40	0.01
SBT	3	5100	1289	0.25*	602	0.12*
SBR	1	1700	219	0.13	179	0.11
EBL	1	1700	150	0.09*	249	0.15*
EBT	0.5	850	104	0.08	289	0.17
EBR	1.5	2550	173	0.08	223	0.13
WBL	2	3400	320	0.09	115	0.03
WBT	1	1700	221	0.13*	200	0.12*
WBR	D	1700	106	0.06	50	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.62

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	218	0.06
NBT	3	5100	610	0.12	1994	0.39*
NBR	1	1700	146	0.09	293	0.17
SBL	2	3400	259	0.08	90	0.03*
SBT	4	6800	1481	0.22*	788	0.12
SBR	1	1700	176	0.10	118	0.07
EBL	2	3400	77	0.02	226	0.07*
EBT	2	3400	215	0.06*	323	0.10
EBR	1	1700	159	0.09	114	0.07
WBL	2	3400	294	0.09*	206	0.06
WBT	2	3400	346	0.10	354	0.10*
WBR	1	1700	87	0.05	165	0.10
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.45		0.64

286 - Jeffrey Rd. @ Roosevelt
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	227	0.07*	458	0.13
NBT	4	6800	471	0.07	2225	0.33*
NBR	1	1700	202	0.12	688	0.40
SBL	1	1700	73	0.04	116	0.07*
SBT	3	5100	1768	0.35*	885	0.17
SBR	D	1700	79	0.05	144	0.08
EBL	1	1700	38	0.02	205	0.12
EBT	1	1700	103	0.06*	238	0.14*
EBR	2	3400	323	0.10	426	0.13
WBL	2	3400	961	0.28*	362	0.11*
WBT	1	1700	263	0.15	181	0.11
WBR	1	1700	363	0.21	192	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.81		0.70

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	618	0.12	2321	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2214	0.43*	1201	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	849	0.25*	630	0.28*
WBT	0		0		0	
WBR	1.5	1700	346	0.20	810	0.28
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.79

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03*	273	0.08
NBT	3	5100	593	0.12	1489	0.29*
NBR	1	1700	314	0.18	493	0.29
SBL	2	3400	876	0.26	499	0.15*
SBT	3	5100	1954	0.45*	1065	0.31
SBR	0		327		579	0.34
EBL	2	3400	95	0.03	337	0.10
EBT	1.5	3400	543	0.16*	580	0.17*
EBR	1.5	1700	185	0.11	212	0.12
WBL	2	3400	459	0.14*	676	0.20*
WBT	1	1700	60	0.04	241	0.14
WBR	2	3400	215	0.06	911	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.83		0.86

289 - Jeffrey Rd. @ ICD
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	407	0.12*
NBT	4	6800	547	0.08	1399	0.21
NBR	1	1700	157	0.09	207	0.12
SBL	3	5100	177	0.03	126	0.02
SBT	4	6800	1760	0.32*	923	0.18*
SBR	0		414		477	0.28
EBL	2	3400	244	0.07	391	0.12*
EBT	3	5100	1273	0.25*	1091	0.21
EBR	F		343		304	
WBL	2	3400	236	0.07*	124	0.04
WBT	4	6800	948	0.14	1958	0.29*
WBR	1	1700	186	0.11	273	0.16
Adjustment					SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.74		0.77

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	157	0.05*	235	0.07
NBT	3	5100	884	0.17	1440	0.28*
NBR	D	1700	319	0.19	279	0.16
SBL	2	3400	122	0.04	133	0.04*
SBT	3	5100	1789	0.35*	1189	0.23
SBR	D	1700	304	0.18	220	0.13
EBL	2	3400	243	0.07*	358	0.11*
EBT	2	3400	845	0.25	779	0.23
EBR	D	1700	243	0.14	231	0.14
WBL	2	3400	234	0.07	624	0.18
WBT	2	3400	941	0.28*	1100	0.32*
WBR	1	1700	88	0.05	194	0.11
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.80

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	392	0.12*	465	0.14*
NBT	3	5100	937	0.18	1465	0.29
NBR	1	1700	231	0.14	362	0.21
SBL	2	3400	184	0.05	357	0.11
SBT	3	5100	2027	0.40*	1464	0.29*
SBR	D	1700	155	0.09	284	0.17
EBL	2	3400	253	0.07*	278	0.08*
EBT	2	3400	793	0.23	994	0.29
EBR	1	1700	572	0.34	350	0.21
WBL	3	5100	419	0.08	434	0.09
WBT	2	3400	969	0.28*	1108	0.33*
WBR	D	1700	113	0.07	164	0.10
Adjustment						
Overlaps	N E			Clearance		0.05
Total ICU				0.92		0.89

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	983	0.19	1924	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2008	0.39*	1579	0.31
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1301	0.26*	887	0.17*
WBT	0		0		0	
WBR	1	1700	142	0.08	494	0.29
Adjustment					WBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.70		0.72

294 - University Dr. @ I-405 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1154	0.23	1642	0.32
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2751	0.54*	1989	0.39*
SBR	F		0		0	
EBL	2	3400	241	0.07*	291	0.09*
EBT	0		0		0	
EBR	1	1700	102	0.06	93	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.53

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	306	0.09*	865	0.25*
NBT	1	1700	2	0.00	1	0.00
NBR	1	1700	224	0.13	576	0.34
SBL	0		2		3	
SBT	1	1700	1	0.00*	1	0.01*
SBR	0		3		5	
EBL	1	1700	8	0.00	1	0.00*
EBT	2	3400	770	0.23*	663	0.20
EBR	F		496		264	
WBL	2	3400	394	0.12*	239	0.07
WBT	2	3400	833	0.25	902	0.27*
WBR	0		6		1	
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.49		0.61

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	120	0.04	208	0.06
NBT	3	5100	377	0.07*	827	0.16*
NBR	2	3400	433	0.13	360	0.11
SBL	2	3400	322	0.09*	283	0.08*
SBT	3	5100	563	0.11	416	0.08
SBR	D	1700	132	0.08	168	0.10
EBL	2	3400	93	0.03	274	0.08*
EBT	4	6800	923	0.14*	987	0.15
EBR	1	1700	141	0.08	82	0.05
WBL	2	3400	677	0.20*	304	0.09
WBT	3	5100	1149	0.23	1332	0.26*
WBR	1	1700	319	0.19	402	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.63

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	21	0.01*	97	0.03
NBT	3	5100	528	0.10	1565	0.31*
NBR	F		385		622	
SBL	2	3400	258	0.08	219	0.06*
SBT	3	5100	1232	0.24*	632	0.12
SBR	1	1700	280	0.16	150	0.09
EBL	2	3400	166	0.05	147	0.04
EBT	3	5100	363	0.07*	381	0.07*
EBR	F		64		56	
WBL	2	3400	601	0.18*	263	0.08*
WBT	3	5100	594	0.12	433	0.08
WBR	D	1700	247	0.15	229	0.13
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.57

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	316	0.09	339	0.10
NBT	4	6800	637	0.09*	1263	0.19*
NBR	1	1700	588	0.35	749	0.44
SBL	2	3400	687	0.20*	556	0.16*
SBT	4	6800	991	0.15	392	0.06
SBR	1	1700	92	0.05	63	0.04
EBL	2	3400	192	0.06	561	0.17
EBT	2	3400	355	0.10*	665	0.20*
EBR	1	1700	256	0.15	235	0.14
WBL	2	3400	1411	0.42*	850	0.25*
WBT	2	3400	525	0.15	546	0.16
WBR	1	1700	265	0.16	509	0.30
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.86		0.85

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1724	0.25	2713	0.40*
NBR	D	1700	187	0.11	531	0.31
SBL	0		190		433	*
SBT	4	6800	2386	0.38*	1162	0.23
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		232		247	
WBT	0		0	*	0	*
WBR	1	1700	335	0.33	240	0.29
Adjustment			WBR	0.23	WBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.66		0.74

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	941	0.14*	1705	0.25*
NBR	1	1700	76	0.04	380	0.22
SBL	2	3400	716	0.21*	437	0.13*
SBT	4	6800	1829	0.27	947	0.14
SBR	0		0		0	
EBL	2.5	3400	994	0.29*	1553	0.32*
EBT	0		0		0	
EBR	1.5	3400	1111	0.33	639	0.32
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.75

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	84	0.05*	217	0.13
NBT	3	5100	471	0.09	1417	0.28*
NBR	1	1700	181	0.11	99	0.06
SBL	2	3400	606	0.18	183	0.05*
SBT	3	5100	2366	0.46*	704	0.14
SBR	D	1700	329	0.19	148	0.09
EBL	2	3400	72	0.02*	294	0.09
EBT	1	1700	60	0.04	174	0.10*
EBR	D	1700	124	0.07	92	0.05
WBL	2	3400	182	0.05	270	0.08*
WBT	1	1700	202	0.12*	81	0.05
WBR	F		206		579	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.56

307 - Sand Canyon Av. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	118	0.03*	217	0.06
NBT	3	5100	475	0.09	862	0.17*
NBR	1	1700	80	0.05	33	0.02
SBL	2	3400	618	0.18	178	0.05*
SBT	3	5100	1480	0.29*	636	0.12
SBR	1	1700	688	0.40	369	0.22
EBL	2	3400	281	0.08*	455	0.13*
EBT	3	5100	835	0.16	736	0.14
EBR	1	1700	63	0.04	143	0.08
WBL	2	3400	52	0.02	130	0.04
WBT	3	5100	630	0.12*	1324	0.26*
WBR	1	1700	180	0.11	274	0.16
Adjustment			SBR	0.05		
Overlaps				Clearance		0.05
Total ICU				0.62		0.66

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	147	0.04*	160	0.05*
NBT	3	5100	1020	0.20	1028	0.20
NBR	D	1700	98	0.06	152	0.09
SBL	2	3400	46	0.01	116	0.03
SBT	3	5100	1356	0.27*	1049	0.21*
SBR	D	1700	212	0.12	327	0.19
EBL	2	3400	230	0.07*	149	0.04*
EBT	2	3400	609	0.18	660	0.19
EBR	1	1700	213	0.13	95	0.06
WBL	2	3400	202	0.06	229	0.07
WBT	2	3400	728	0.21*	1118	0.33*
WBR	1	1700	109	0.06	141	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.68

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	249	0.07	387	0.11*
NBT	3	5100	995	0.20*	644	0.13
NBR	2	3400	711	0.21	175	0.05
SBL	2	3400	291	0.09*	71	0.02
SBT	3	5100	931	0.18	1092	0.21*
SBR	1	1700	156	0.09	187	0.11
EBL	2	3400	148	0.04	166	0.05
EBT	3	5100	803	0.16*	765	0.15*
EBR	1	1700	237	0.14	400	0.24
WBL	2	3400	353	0.10*	799	0.24*
WBT	3	5100	1055	0.21	1053	0.21
WBR	1	1700	121	0.07	264	0.16
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.60		0.77

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1865	0.55*	948	0.28
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	502	0.15	1055	0.31*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	62	0.04*	154	0.09*
WBT	0		0		0	
WBR	F		207		304	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.45

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1176	0.35*	599	0.18
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	280	0.08	782	0.23*
SBR	F		0		0	
EBL	2	3400	1566	0.46*	645	0.19*
EBT	0		0		0	
EBR	1	1700	259	0.15	382	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.86		0.50

313 - Laguna Canyon Rd. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	54	0.02	119	0.04
NBT	2	3400	252	0.07*	188	0.06*
NBR	D	1700	14	0.01	31	0.02
SBL	2	3400	129	0.04*	272	0.08*
SBT	2	3400	236	0.07	266	0.08
SBR	D	1700	99	0.06	346	0.20
EBL	2	3400	324	0.10*	94	0.03*
EBT	3	5100	766	0.15	885	0.17
EBR	D	1700	126	0.07	180	0.11
WBL	2	3400	51	0.02	15	0.00
WBT	3	5100	937	0.18*	1149	0.23*
WBR	D	1700	202	0.12	163	0.10
Adjustment					SBR	0.08
Overlaps					Clearance	0.05
Total ICU				0.44		0.53

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	50	0.01*	125	0.04*
NBT	2	3400	128	0.04	95	0.03
NBR	D	1700	19	0.01	168	0.10
SBL	2	3400	64	0.02	86	0.03
SBT	2	3400	164	0.05*	176	0.05*
SBR	D	1700	65	0.04	274	0.16
EBL	2	3400	75	0.02*	53	0.02*
EBT	2	3400	581	0.17	761	0.22
EBR	1	1700	85	0.05	112	0.07
WBL	2	3400	156	0.05	69	0.02
WBT	2	3400	1017	0.30*	1038	0.31*
WBR	D	1700	105	0.06	77	0.05
Adjustment					SBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.43		0.56

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	283	0.17*	230	0.14*
NBT	2	3400	181	0.05	149	0.04
NBR	D	1700	78	0.05	110	0.06
SBL	1	1700	20	0.01	120	0.07
SBT	2	3400	123	0.04*	243	0.07*
SBR	D	1700	36	0.02	121	0.07
EBL	2	3400	104	0.03*	20	0.01*
EBT	2	3400	794	0.23	871	0.26
EBR	1	1700	235	0.14	178	0.10
WBL	2	3400	165	0.05	93	0.03
WBT	2	3400	1406	0.41*	1159	0.34*
WBR	1	1700	42	0.02	35	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.61

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	134	0.08*	290	0.17*
SBT	0		0		0	
SBR	2	3400	250	0.07	200	0.06
EBL	0		0		0	*
EBT	4	6800	1477	0.22*	1647	0.24
EBR	D	1700	302	0.18	99	0.06
WBL	2	3400	438	0.13*	189	0.06
WBT	3	5100	1725	0.34	2079	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.63

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	180	0.11*	370	0.22*
NBT	0		0		0	
NBR	1	1700	37	0.02	276	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1603	0.31	2084	0.41
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	2017	0.42*	1938	0.41*
WBR	0		139		153	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.68

318 - Banting @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	33	0.01*	51	0.02*
NBT	1	1700	26	0.02	163	0.10
NBR	1	1700	22	0.01	180	0.11
SBL	2	3400	729	0.21	121	0.04
SBT	2	1700	507	0.30*	288	0.13*
SBR	0	1700	799	0.47	150	
EBL	1	1700	51	0.03*	236	0.14*
EBT	2	3400	468	0.14	1007	0.30
EBR	D	1700	17	0.01	66	0.04
WBL	1	1700	22	0.01	43	0.03
WBT	2	3400	778	0.23*	921	0.27*
WBR	F		99		838	
Adjustment			SBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.77		0.61

319 - Banting @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00	7	0.00
NBT	1	1700	6	0.00*	44	0.03*
NBR	1	1700	13	0.01	69	0.04
SBL	2	3400	145	0.04*	275	0.08*
SBT	1	1700	60	0.04	6	0.00
SBR	1	1700	293	0.17	39	0.02
EBL	2	3400	33	0.01*	37	0.01*
EBT	2	3400	687	0.20	1181	0.35
EBR	D	1700	29	0.02	3	0.00
WBL	1	1700	59	0.03	10	0.01
WBT	2	3400	1609	0.47*	1232	0.36*
WBR	D	1700	133	0.08	249	0.15
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.69		0.53

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	924	0.18*	218	0.04
NBT	3	5100	2714	0.53	2844	0.56*
NBR	1	1700	8	0.00	14	0.01
SBL	2	3400	75	0.02	112	0.03*
SBT	3	5100	2056	0.40*	2667	0.52
SBR	1	1700	830	0.49	449	0.26
EBL	3	5100	288	0.06*	548	0.11*
EBT	1	1700	45	0.03	57	0.03
EBR	F		107		654	
WBL	1	1700	8	0.00	8	0.00
WBT	2	3400	145	0.04*	24	0.01*
WBR	D	1700	111	0.07	91	0.05
Adjustment			SBR	0.04	WBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.77		0.78

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	959	0.28*	1003	0.30
NBR	1	1700	310	0.18	124	0.07
SBL	1	1700	169	0.10*	249	0.15
SBT	3	5100	1410	0.28	2303	0.45*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	197	0.12*	67	0.04*
WBT	0		0		0	
WBR	1.5	3400	1544	0.45	944	0.28
Adjustment			WBR	0.25	WBR	0.13
Overlaps					Clearance	0.05
Total ICU				0.80		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1192	0.35*	935	0.28
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	872	0.26	935	0.28*
SBR	F		0		0	
EBL	0.5	1700	148	0.09*	205	0.12*
EBT	0		0		0	
EBR	1.5	1700	43	0.03	247	0.13
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.49		0.46

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	970	0.29*	1178	0.35*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	774	0.23	568	0.17
SBR	1	1700	49	0.03	47	0.03
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	225	0.13	149	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.47		0.49

325 - Portola Pkwy. @ SR-241 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	665	0.20*	960	0.28*
NBR	1.5	1700	0		5	0.00
SBL	1	1700	85	0.05*	148	0.09*
SBT	2	3400	504	0.15	434	0.13
SBR	0		0		0	
EBL	0.5	1700	90	0.05*	42	0.02*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.35 0.44

326 - Ada @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	90	0.05*	302	0.18*
NBT	2	3400	92	0.03	110	0.03
NBR	D	1700	94	0.06	224	0.13
SBL	2	3400	33	0.01	33	0.01
SBT	1	1700	130	0.08*	172	0.10*
SBR	1	1700	18	0.01	66	0.04
EBL	1	1700	10	0.01*	41	0.02
EBT	2	3400	482	0.14	1078	0.32*
EBR	D	1700	389	0.23	222	0.13
WBL	1	1700	212	0.12	93	0.05*
WBT	2	3400	1101	0.32*	706	0.21
WBR	1	1700	18	0.01	11	0.01

Adjustment
Overlaps Clearance 0.05

Total ICU 0.51 0.70

327 - Barranca Pkwy. @ Technology
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	473	0.14*	209	0.06
NBT	2	3400	814	0.24	956	0.28*
NBR	1	1700	478	0.28	1013	0.60
SBL	2	3400	70	0.02	213	0.06*
SBT	2	3400	1107	0.33*	834	0.25
SBR	1	1700	102	0.06	89	0.05
EBL	1	1700	52	0.03	205	0.12
EBT	1.5	2550	161	0.07*	393	0.18*
EBR	1.5	2550	197	0.07	547	0.18
WBL	2	3400	582	0.17*	573	0.17*
WBT	2	3400	429	0.13	244	0.07
WBR	D	1700	104	0.06	96	0.06

Adjustment NBR 0.19
Overlaps Clearance 0.05

Total ICU 0.76 0.93

328 - Barranca Pkwy. @ I-5 HOV Ramp
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	19	0.01	10	0.01
NBT	2	3400	1469	0.43*	1996	0.59*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1789	0.35	1659	0.33
SBR	D	1700	154	0.09	258	0.15
EBL	1	1700	264	0.16*	223	0.13*
EBT	0		0		0	
EBR	1	1700	32	0.02	2	0.00
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.64 0.77

329 - Barranca Pkwy. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	143	0.04*	36	0.01
NBT	2	3400	834	0.25	1186	0.35*
NBR	1	1700	138	0.08	248	0.15
SBL	2	3400	215	0.06	297	0.09*
SBT	2	3400	1129	0.33*	1059	0.31
SBR	1	1700	513	0.30	347	0.20
EBL	2	3400	220	0.06*	490	0.14*
EBT	3	5100	632	0.12	1236	0.24
EBR	1	1700	93	0.05	233	0.14
WBL	2	3400	276	0.08	355	0.10
WBT	3	5100	1296	0.25*	1076	0.21*
WBR	1	1700	391	0.23	433	0.25

Adjustment
Overlaps Clearance 0.05

Total ICU 0.73 0.84

330 - Barranca Pkwy. @ Pacifica
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	159	0.09*	39	0.02*
NBT	2	3400	736	0.22	896	0.26
NBR	1	1700	392	0.23	476	0.28
SBL	1	1700	78	0.05	162	0.10
SBT	2	3400	1051	0.31*	1407	0.41*
SBR	D	1700	281	0.17	18	0.01
EBL	2	3400	8	0.00*	152	0.04
EBT	2	1700	14	0.01	113	0.07*
EBR	0	1700	20	0.01	268	0.16
WBL	2	3400	199	0.06	298	0.09*
WBT	1	1700	170	0.10*	31	0.02
WBR	1	1700	424	0.25	344	0.20

Adjustment WBR 0.01 EBR 0.07
Overlaps Clearance 0.05

Total ICU 0.56 0.71

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	185	0.05*	441	0.13*
NBT	2	3400	263	0.08	199	0.06
NBR	D	1700	20	0.01	20	0.01
SBL	2	3400	107	0.03	41	0.01
SBT	2	3400	263	0.08*	230	0.07*
SBR	D	1700	41	0.02	406	0.24
EBL	1	1700	458	0.27*	345	0.20*
EBT	2	3400	376	0.11	115	0.03
EBR	1	1700	393	0.23	412	0.24
WBL	1	1700	20	0.01	23	0.01
WBT	1	1700	68	0.04*	222	0.13*
WBR	1	1700	61	0.04	155	0.09

Adjustment SBR 0.02
Overlaps Clearance 0.05

Total ICU 0.49 0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	200	0.12*	286	0.17*
NBT	2	3400	24	0.01	118	0.03
NBR	F		266		435	
SBL	1	1700	219	0.13	111	0.07
SBT	2	3400	115	0.03*	31	0.01*
SBR	D	1700	27	0.02	11	0.01
EBL	2	3400	6	0.00	0	
EBT	2	3400	969	0.28*	891	0.26*
EBR	F		327		240	
WBL	2	3400	387	0.11*	201	0.06*
WBT	3	5100	943	0.18	863	0.17
WBR	F		88		217	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.55

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	217	0.13*	280	0.16*
NBT	3	5100	447	0.09	832	0.16
NBR	F		162		296	
SBL	1	1700	93	0.05	63	0.04
SBT	3	5100	631	0.12*	460	0.09*
SBR	F		295		225	
EBL	2	3400	182	0.05	243	0.07*
EBT	0		0	*	0	
EBR	F		471		139	
WBL	2	3400	384	0.11*	59	0.02
WBT	0		0		0	*
WBR	F		87		79	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.41 0.37

338 - Alton Pkwy. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	170	0.05*	499	0.15*
NBT	3	5100	610	0.12	1129	0.22
NBR	F		47		81	
SBL	2	3400	177	0.05	73	0.02
SBT	3	5100	1375	0.27*	574	0.11*
SBR	F		233		716	
EBL	3	5100	405	0.08*	279	0.05*
EBT	3	5100	533	0.10	400	0.08
EBR	D	1700	478	0.28	121	0.07
WBL	2	3400	138	0.04	75	0.02
WBT	3	5100	347	0.07*	618	0.12*
WBR	1	1700	38	0.02	129	0.08

Adjustment EBR 0.13
Overlaps Clearance 0.05

Total ICU 0.65 0.48

339 - Alton Pkwy. @ Toledo Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05*	148	0.09
NBT	3	5100	671	0.13	1536	0.30*
NBR	F		90		182	
SBL	1	1700	87	0.05	60	0.04*
SBT	3	5100	1669	0.33*	701	0.14
SBR	0		12		27	
EBL	1	1700	35	0.02	9	0.01
EBT	1	1700	134	0.16*	66	0.08*
EBR	0		141		67	
WBL	1	1700	140	0.08*	49	0.03*
WBT	1	1700	72	0.04	89	0.05
WBR	1	1700	109	0.06	78	0.05

Adjustment
Overlaps W Clearance 0.05

Total ICU 0.67 0.50

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	69	0.04*	135	0.08
NBT	3	5100	1026	0.20	1439	0.28*
NBR	F		262		351	
SBL	2	3400	141	0.04	86	0.03*
SBT	3	5100	1509	0.30*	1008	0.21
SBR	0		29		49	
EBL	1	1700	25	0.01	41	0.02
EBT	1	1700	54	0.03*	51	0.03*
EBR	F		113		97	
WBL	2	3400	390	0.11*	224	0.07*
WBT	1	1700	47	0.03	44	0.03
WBR	1	1700	97	0.06	114	0.07

Adjustment
Overlaps Clearance 0.05

Total ICU 0.53 0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	7	0.00	7	0.00
NBT	3	5100	762	0.15*	994	0.19*
NBR	1	1700	224	0.13	351	0.21
SBL	2	3400	230	0.07*	118	0.03*
SBT	3	5100	1043	0.20	730	0.14
SBR	F		1020		563	
EBL	2	3400	561	0.17*	697	0.21*
EBT	2	3400	241	0.07	460	0.14
EBR	0		7		4	
WBL	2	3400	176	0.05	160	0.05
WBT	2	3400	300	0.12*	314	0.15*
WBR	0		91		183	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.56		0.63

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	65	0.04*	13	0.01
NBT	1	1700	18	0.01	5	0.00*
NBR	1	1700	360	0.21	302	0.18
SBL	1	1700	23	0.01	38	0.02*
SBT	1	1700	0	0.01*	5	0.01
SBR	0		19		18	
EBL	1	1700	28	0.02	8	0.00
EBT	3	5100	1271	0.25*	1133	0.22*
EBR	D	1700	18	0.01	17	0.01
WBL	1	1700	273	0.16*	143	0.08*
WBT	3	5100	1234	0.24	1335	0.26
WBR	D	1700	22	0.01	14	0.01
Adjustment			NBR	0.05	NBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.56		0.49

343 - Alton Pkwy. @ Ada
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	300	0.09*	512	0.15*
NBT	3	5100	1207	0.24	1037	0.20
NBR	D	1700	4	0.00	25	0.01
SBL	1	1700	4	0.00	26	0.02
SBT	3	5100	1253	0.25*	1314	0.26*
SBR	D	1700	113	0.07	167	0.10
EBL	1	1700	106	0.06*	85	0.05*
EBT	1	1700	59	0.03	47	0.03
EBR	1	1700	560	0.33	392	0.23
WBL	1	1700	19	0.01	14	0.01
WBT	1	1700	36	0.04*	40	0.02*
WBR	0		34		2	
Adjustment			EBR	0.17	EBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.66		0.59

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	546	0.16*	849	0.25*
NBT	3	5100	1209	0.24	1043	0.20
NBR	1	1700	743	0.44	650	0.38
SBL	1	1700	41	0.02	112	0.07
SBT	4	6800	1507	0.22*	1307	0.19*
SBR	1	1700	182	0.11	411	0.24
EBL	1.5	2550	314	0.11*	396	0.16*
EBT	1.5	2550	260	0.11	416	0.16
EBR	2	3400	810	0.24	1012	0.30
WBL	2.5	4250	943	0.20	881	0.19
WBT	1.5	2550	397	0.20*	402	0.19*
WBR	D	1700	80	0.05	28	0.02
Adjustment						
Overlaps		E		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.74		0.84

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2361	0.46*	2324	0.46*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	2323	0.46	1989	0.39
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	1055	0.25*	160	0.05*
WBT	0		0		0	
WBR	0.5	850	230	0.25	182	0.11
Adjustment					WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.76		0.62

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1296	0.25	1967	0.39*
NBR	1	1700	90	0.05	195	0.11
SBL	1	1700	523	0.31	529	0.31*
SBT	3	5100	3015	0.59*	1658	0.33
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	196	0.06*	145	0.04*
WBT	0		0		0	
WBR	2	3400	1293	0.38	1086	0.32
Adjustment						
Overlaps		W		Clearance		0.05
Total ICU				0.70		0.79

348 - Alton Pkwy. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	38	0.01	30	0.01
NBT	4	6800	456	0.07*	828	0.12*
NBR	F		161		149	
SBL	2	3400	818	0.24*	387	0.11*
SBT	3	5100	1112	0.22	932	0.18
SBR	1	1700	357	0.21	156	0.09
EBL	2	3400	72	0.02	456	0.13
EBT	3	5100	697	0.14*	1062	0.21*
EBR	1	1700	11	0.01	73	0.04
WBL	2	3400	253	0.07	376	0.11
WBT	2.5	4250	763	0.21*	1015	0.26*
WBR	1.5	2550	639	0.21	728	0.26
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.71		0.75

350 - Alton Pkwy. @ Pacifica
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02*	177	0.05*
NBT	3	5100	610	0.12	1128	0.22
NBR	D	1700	214	0.13	175	0.10
SBL	2	3400	21	0.01	62	0.02
SBT	2	3400	1447	0.43*	1295	0.38*
SBR	1	1700	193	0.11	137	0.08
EBL	2	3400	178	0.05	277	0.08*
EBT	2	3400	374	0.11*	281	0.08
EBR	D	1700	187	0.11	97	0.06
WBL	1	1700	188	0.11*	178	0.10
WBT	2	3400	233	0.07	380	0.11*
WBR	D	1700	47	0.03	57	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.67

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	29	0.01*	129	0.04*
NBT	2	1700	2	0.00	80	0.04
NBR	0	1700	15	0.01	41	
SBL	2	3400	160	0.05	456	0.13
SBT	1	1700	449	0.26*	372	0.22*
SBR	F		1384		765	
EBL	1	1700	119	0.07*	450	0.26*
EBT	2	3400	274	0.08	212	0.06
EBR	1	1700	202	0.12	65	0.04
WBL	1	1700	11	0.01	35	0.02
WBT	2	3400	85	0.03*	317	0.09*
WBR	1	1700	4	0.00	100	0.06
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.44		0.66

356 - Pacifica @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	18	0.01*	155	0.05
NBT	2	3400	15	0.00	114	0.03*
NBR	D	1700	266	0.16	848	0.50
SBL	2	3400	84	0.02	255	0.08*
SBT	2	3400	237	0.07*	80	0.02
SBR	1	1700	46	0.03	129	0.08
EBL	2	3400	51	0.02	85	0.03
EBT	3	5100	1487	0.29*	1411	0.28*
EBR	D	1700	157	0.09	49	0.03
WBL	2	3400	321	0.09*	253	0.07*
WBT	3	5100	1734	0.34	1662	0.33
WBR	1	1700	141	0.08	116	0.07
Adjustment			NBR	0.03	NBR	0.42
Overlaps				Clearance		0.05
Total ICU				0.54		0.93

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	287	0.17	226	0.10*
NBT	0.5	1700	316	0.19*	125	0.10
NBR	F		32		160	
SBL	1	1700	13	0.01*	43	0.03
SBT	1	1700	22	0.01	165	0.10*
SBR	1	1700	38	0.02	191	0.11
EBL	1	1700	166	0.10*	228	0.13
EBT	1	1700	65	0.04	261	0.15*
EBR	F		358		658	
WBL	1	1700	23	0.01	127	0.07*
WBT	2	1700	31	0.02*	246	0.08
WBR	0	1700	33	0.02	28	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.47

358 - ICD @ Entertainment Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2023	0.40*	1778	0.35*
NBR	F		506		1132	
SBL	1	1700	10	0.01*	63	0.04*
SBT	3	5100	925	0.18	1896	0.37
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	77	0.02*	335	0.10*
WBT	0		0		0	
WBR	F		295		325	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.54

359 - ICD @ I-405 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1603	0.24*	2168	0.32
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	828	0.16	1798	0.35*
SBR	F		0		0	
EBL	3	5100	954	0.19*	744	0.15*
EBT	0		0		0	
EBR	F		924		797	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.55

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	104	0.06*	320	0.12
NBT	1	1700	158	0.06	196	0.12*
NBR	1.5	2550	112	0.06	297	0.12
SBL	1	1700	70	0.04	149	0.09*
SBT	2	3400	343	0.10*	178	0.05
SBR	D	1700	414	0.24	277	0.16
EBL	2	3400	455	0.13*	356	0.10*
EBT	3	5100	721	0.14	1046	0.21
EBR	D	1700	271	0.16	167	0.10
WBL	2	3400	418	0.12	218	0.06
WBT	3	5100	869	0.17*	953	0.19*
WBR	D	1700	41	0.02	25	0.01
Adjustment			SBR	0.04		
Overlaps				Clearance		0.05
Note: Assumes N/S Split Phase						
Total ICU				0.55		0.55

362 - Bake Pkwy. @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	244	0.07	165	0.05
NBT	3	5100	1539	0.33*	1211	0.36*
NBR	0		148		647	0.38
SBL	1	1700	73	0.04*	256	0.15*
SBT	3	5100	930	0.18	1336	0.26
SBR	1	1700	106	0.06	164	0.10
EBL	2	3400	128	0.04	149	0.04
EBT	2.5	4250	273	0.07*	788	0.16*
EBR	1.5	2550	203	0.07	293	0.16
WBL	2	3400	626	0.18*	375	0.11*
WBT	4	6800	614	0.09	381	0.06
WBR	D	1700	151	0.09	145	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.83

363 - Bake Pkwy. @ Toledo Wy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	371	0.22*	90	0.05
NBT	3	5100	1831	0.36	1923	0.38*
NBR	D	1700	62	0.04	397	0.23
SBL	1	1700	72	0.04	82	0.05*
SBT	3	5100	1625	0.32*	1888	0.37
SBR	D	1700	131	0.08	37	0.02
EBL	2	3400	36	0.01*	137	0.04
EBT	2	3400	42	0.01	276	0.08*
EBR	1	1700	63	0.04	222	0.13
WBL	2	3400	292	0.09	52	0.02*
WBT	2	3400	241	0.09*	47	0.03
WBR	0		69		89	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.58

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	520	0.15	77	0.02
NBT	3	5100	2147	0.42*	2298	0.45*
NBR	D	1700	80	0.05	563	0.33
SBL	1	1700	62	0.04*	112	0.07*
SBT	4	6800	1822	0.28	1986	0.29
SBR	0		79		18	
EBL	2	3400	11	0.00	71	0.02
EBT	2	3400	63	0.02*	485	0.14*
EBR	1	1700	116	0.07	469	0.28
WBL	1	1700	423	0.25*	181	0.11*
WBT	3	5100	586	0.13	98	0.03
WBR	0		90		62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.82

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	355	0.10*	85	0.03
NBT	4	6800	2584	0.38	2755	0.41*
NBR	F		190		372	
SBL	2	3400	49	0.01	209	0.06*
SBT	4	6800	2415	0.36*	2417	0.36
SBR	F		89		48	
EBL	2	3400	10	0.00	199	0.06
EBT	2	3400	84	0.02*	715	0.21*
EBR	F		144		259	
WBL	2	3400	326	0.10*	172	0.05*
WBT	2	3400	396	0.12	200	0.06
WBR	F		64		123	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	114	0.03
NBT	4	6800	2825	0.42	3317	0.49*
NBR	F		730		648	
SBL	2	3400	69	0.02	35	0.01*
SBT	4	6800	3142	0.46*	2731	0.40
SBR	1	1700	6	0.00	1	0.00
EBL	1	1700	1	0.00	3	0.00
EBT	2	3400	23	0.01*	15	0.00*
EBR	F		71		464	
WBL	3	5100	317	0.06*	988	0.19*
WBT	1	1700	51	0.03	20	0.01
WBR	D	1700	85	0.05	32	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3483	0.51*	3571	0.53*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1434	0.28	2070	0.41
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	172	0.10*	80	0.05*
WBT	0		0		0	
WBR	3	5100	796	0.16	550	0.11
Adjustment			WBR	0.06	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.72		0.69

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	818	0.16	1422	0.28*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	988	0.19*	1213	0.24
SBR	F		0		0	
EBL	3	5100	3006	0.59*	2843	0.56*
EBT	0		0		0	
EBR	1	1700	636	0.37	126	0.07
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.83		0.89

371 - Bake Pkwy. @ Research Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01	4	0.00
NBT	3	5100	440	0.09*	479	0.09*
NBR	D	1700	18	0.01	10	0.01
SBL	2	3400	519	0.15*	246	0.07*
SBT	3	5100	504	0.10	696	0.14
SBR	1	1700	597	0.35	387	0.23
EBL	2	3400	149	0.04*	470	0.14*
EBT	2	3400	86	0.03	110	0.03
EBR	D	1700	13	0.01	19	0.01
WBL	1	1700	8	0.00	9	0.01
WBT	1	1700	75	0.04*	87	0.05*
WBR	2	3400	313	0.09	656	0.19
Adjustment			SBR	0.09	WBR	0.09
Overlaps				Clearance		0.05
Total ICU				0.46		0.49

372 - Bake Pkwy. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	162	0.05
NBT	3	5100	270	0.05*	210	0.04*
NBR	D	1700	86	0.05	47	0.03
SBL	2	3400	218	0.06*	380	0.11*
SBT	3	5100	232	0.05	311	0.06
SBR	D	1700	16	0.01	27	0.02
EBL	2	3400	17	0.01	21	0.01
EBT	3	5100	927	0.18*	1199	0.24*
EBR	F		162		208	
WBL	2	3400	52	0.02*	124	0.04*
WBT	4	6800	816	0.12	834	0.12
WBR	D	1700	202	0.12	268	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	206	0.06*	278	0.08
NBT	2	3400	660	0.19	990	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	581	0.17*	652	0.19
SBR	1	1700	225	0.13	122	0.07
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	27	0.02	148	0.09
NBT	2	3400	138	0.04*	205	0.06*
NBR	D	1700	156	0.09	253	0.15
SBL	1	1700	196	0.12*	155	0.09*
SBT	2	3400	238	0.07	148	0.04
SBR	D	1700	5	0.00	33	0.02
EBL	2	3400	38	0.01*	21	0.01
EBT	3	5100	751	0.15	1375	0.27*
EBR	D	1700	95	0.06	81	0.05
WBL	2	3400	336	0.10	169	0.05*
WBT	3	5100	1303	0.26*	1043	0.20
WBR	D	1700	280	0.16	143	0.08
Adjustment				NBR		0.05
Overlaps				Clearance		0.05
Total ICU				0.48		0.57

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	820	0.24*	1081	0.32*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	597	0.18	589	0.17
SBR	0		0		0	
EBL	2	3400	93	0.03*	160	0.05*
EBT	0		0		0	
EBR	1	1700	323	0.19	137	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR		0.11
Overlaps				Clearance		0.05
Total ICU				0.43		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	191	0.06*	330	0.10*
NBT	3	5100	840	0.16	1131	0.22
NBR	1	1700	123	0.07	309	0.18
SBL	2	3400	235	0.07	315	0.09
SBT	3	5100	1128	0.25*	1044	0.24*
SBR	0		142		158	
EBL	2	3400	177	0.05	537	0.16*
EBT	3	5100	562	0.11*	959	0.19
EBR	1	1700	284	0.17	148	0.09
WBL	2	3400	431	0.13*	164	0.05
WBT	3	5100	797	0.16	528	0.10*
WBR	1	1700	396	0.23	268	0.16
Adjustment				EBR		0.01
Overlaps				Clearance		0.05
Total ICU				0.61		0.65

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	78	0.05*	88	0.05
NBT	3	5100	1137	0.22	1737	0.34*
NBR	D	1700	87	0.05	134	0.08
SBL	1	1700	41	0.02	44	0.03*
SBT	3	5100	1602	0.31*	1253	0.25
SBR	D	1700	60	0.04	27	0.02
EBL	1	1700	24	0.01	119	0.07
EBT	2	1700	84	0.05*	320	0.11*
EBR	0	1700	98	0.06	69	
WBL	1	1700	136	0.08*	43	0.03*
WBT	2	3400	246	0.09	90	0.04
WBR	0		54		31	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.56

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	111	0.07*	102	0.06
NBT	3	5100	893	0.18	1548	0.30*
NBR	1	1700	143	0.08	235	0.14
SBL	2	3400	205	0.06	97	0.03*
SBT	3	5100	1243	0.24*	1062	0.21
SBR	1	1700	332	0.20	103	0.06
EBL	1	1700	89	0.05*	239	0.14
EBT	2	3400	174	0.05	589	0.17*
EBR	1	1700	80	0.05	130	0.08
WBL	1	1700	251	0.15	57	0.03*
WBT	2	3400	628	0.18*	159	0.05
WBR	1	1700	321	0.19	48	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.58

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	87	0.03*	78	0.02
NBT	4	6800	963	0.17	1754	0.31*
NBR	0		167		350	
SBL	2	3400	114	0.03	129	0.04*
SBT	3	5100	1330	0.26*	1116	0.22
SBR	1	1700	155	0.09	71	0.04
EBL	2	3400	65	0.02*	266	0.08
EBT	2	3400	188	0.06	866	0.25*
EBR	1	1700	53	0.03	151	0.09
WBL	2	3400	326	0.10	172	0.05*
WBT	2	3400	580	0.17*	302	0.09
WBR	1	1700	145	0.09	82	0.05
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.53		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	461	0.14*	388	0.11
NBT	3	5100	1008	0.20	1923	0.38*
NBR	1	1700	138	0.08	496	0.29
SBL	2	3400	108	0.03	211	0.06*
SBT	4	6800	1470	0.24*	1265	0.21
SBR	0		129		148	
EBL	2	3400	60	0.02*	189	0.06*
EBT	2	3400	168	0.05	371	0.11
EBR	2	3400	346	0.10	432	0.13
WBL	3	5100	386	0.08	443	0.09
WBT	2	3400	350	0.14*	347	0.17*
WBR	0		136		217	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.72

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2320	0.45*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1219	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	201	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	485	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.64

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	840	0.14*	1352	0.22*
NBR	0		79		132	
SBL	2	3400	367	0.11*	499	0.15*
SBT	3	5100	1224	0.24	847	0.17
SBR	F		0		0	
EBL	3	5100	634	0.12	1720	0.34
EBT	0.5	850	342	0.30*	586	0.34*
EBR	1.5	2550	667	0.30	282	0.17
WBL	2	3400	161	0.05*	128	0.04*
WBT	0		0		0	
WBR	2	3400	145	0.04	316	0.09

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.65 0.80

385 - Lake Forest Dr. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	16	0.00	31	0.01
NBT	3	5100	278	0.05*	641	0.13*
NBR	1	1700	97	0.06	443	0.26
SBL	2	3400	655	0.19*	744	0.22*
SBT	3	5100	796	0.16	346	0.07
SBR	F		126		91	
EBL	2	3400	80	0.02	232	0.07
EBT	3	5100	675	0.13*	1357	0.27*
EBR	D	1700	26	0.02	17	0.01
WBL	2	3400	549	0.16*	173	0.05*
WBT	3	5100	1023	0.20	594	0.12
WBR	1	1700	373	0.22	265	0.16

Adjustment NBR 0.09
Overlaps Clearance 0.05

Total ICU 0.58 0.81

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	115	0.07*	180	0.11*
NBT	2	3400	160	0.05	263	0.08
NBR	D	1700	95	0.06	217	0.13
SBL	1	1700	109	0.06	131	0.08
SBT	2	3400	245	0.07*	227	0.07*
SBR	D	1700	116	0.07	67	0.04
EBL	1	1700	43	0.03*	46	0.03
EBT	2	3400	369	0.11	1122	0.33*
EBR	1	1700	47	0.03	64	0.04
WBL	1	1700	81	0.05	118	0.07*
WBT	2	3400	808	0.24*	437	0.13
WBR	1	1700	90	0.05	63	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.46 0.63

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	731	0.22*	626	0.22*
NBT	1.5	1700	320	0.19	479	0.22
NBR	1	1700	412	0.24	544	0.32
SBL	1.5	1700	0		48	0.03
SBT	1.5	3400	372	0.11*	298	0.09*
SBR	D	1700	0		52	0.03
EBL	1	1700	0		151	0.09
EBT	2	1700	1	0.00*	447	0.26*
EBR	0	1700	382	0.22	711	0.42
WBL	1	1700	555	0.33*	204	0.12*
WBT	2	3400	2	0.00	189	0.07
WBR	0		0		65	

Adjustment EBR 0.05
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.76 0.74

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		40	0.02
NBT	2	3400	340	0.10*	428	0.13*
NBR	1	1700	0		174	0.10
SBL	2	3400	648	0.19*	860	0.25*
SBT	2	3400	355	0.18	212	0.12
SBR	0		265		199	
EBL	1	1700	528	0.31*	975	0.57*
EBT	2	3400	0		396	0.15
EBR	0		0		98	
WBL	1	1700	0		47	0.03
WBT	2	1700	0	*	45	0.03*
WBR	0	1700	630	0.37	474	0.28
Adjustment			WBR	0.23	WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.88		1.09

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03	104	0.06
NBT	2	3400	152	0.04*	227	0.07*
NBR	1	1700	94	0.06	94	0.06
SBL	2	3400	157	0.05*	257	0.08*
SBT	2	3400	129	0.04	144	0.04
SBR	1	1700	45	0.03	58	0.03
EBL	2	3400	41	0.01*	91	0.03
EBT	4	6800	1058	0.18	2124	0.33*
EBR	0		178		88	
WBL	2	3400	100	0.03	77	0.02*
WBT	4	6800	1832	0.27*	824	0.12
WBR	1	1700	196	0.12	178	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.55

390 - Paseo de Valencia @ Avenida Carlota
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	143	0.04*	258	0.08*
NBT	1	1700	36	0.02	126	0.07
NBR	1	1700	17	0.01	84	0.05
SBL	2.5	3400	749	0.22	808	0.18
SBT	1.5	3400	767	0.25*	373	0.18*
SBR	0		83		54	
EBL	2	3400	393	0.12*	491	0.14*
EBT	2	3400	245	0.07	583	0.17
EBR	1	1700	89	0.05	330	0.19
WBL	1	1700	6	0.00	16	0.01
WBT	2	3400	386	0.11*	303	0.09*
WBR	1	1700	537	0.32	542	0.32
Adjustment					WBR	0.04
Overlaps		N W			Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.57		0.58

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	147	0.08*	160	0.07*
NBT	0		0		0	
NBR	1.5	2550	284	0.08	172	0.07
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	1030	0.20	2308	0.45*
EBR	1	1700	160	0.09	139	0.08
WBL	1	1700	176	0.10	201	0.12*
WBT	3	5100	1983	0.39*	855	0.17
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.69

392 - El Toro Rd. @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	67	0.02*	202	0.06
NBT	4	6800	922	0.15	1669	0.29*
NBR	0		90		331	
SBL	2	3400	315	0.09	218	0.06*
SBT	4	6800	1595	0.29*	1145	0.19
SBR	0		407		128	
EBL	2	3400	234	0.07*	259	0.08
EBT	2	3400	256	0.08	789	0.23*
EBR	1	1700	114	0.07	279	0.16
WBL	2	3400	324	0.10	320	0.09*
WBT	2	3400	600	0.18*	321	0.09
WBR	1	1700	347	0.20	210	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.61		0.72

393 - El Toro Rd. @ Rockfield Bl.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	306	0.09*	461	0.14*
NBT	4	6800	910	0.13	1645	0.24
NBR	D	1700	161	0.09	265	0.16
SBL	2	3400	193	0.06	176	0.05
SBT	4	6800	1694	0.26*	1430	0.22*
SBR	0		69		96	
EBL	2	3400	87	0.03	334	0.10
EBT	2	3400	211	0.06*	509	0.15*
EBR	F		159		207	
WBL	2	3400	393	0.12*	315	0.09*
WBT	2	3400	257	0.08	216	0.06
WBR	1	1700	170	0.10	124	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.65

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	881	0.25	1640	0.40*
NBR	1.5	2550	842	0.25	1090	0.40
SBL	0		0		0	*
SBT	5	8500	2232	0.26*	2070	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	624	0.24*	539	0.27*
WBT	0		0		0	
WBR	1.5	2550	604	0.24	830	0.27
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.55		0.72

396 - El Toro Rd. @ Avenida Carlota
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		5		2	
NBT	4	6800	1271	0.19*	2055	0.30*
NBR	D	1700	70	0.04	117	0.07
SBL	2	3400	56	0.02*	178	0.05*
SBT	3	5100	874	0.17	981	0.19
SBR	1	1700	747	0.44	680	0.40
EBL	3	5100	477	0.09*	764	0.15
EBT	2	3400	233	0.07	555	0.16*
EBR	1	1700	244	0.14	158	0.09
WBL	0.5	850	61	0.08	59	0.06*
WBT	1.5	2550	210	0.08*	130	0.06
WBR	2	3400	179	0.05	450	0.13
Adjustment				Multi	0.16	WBR 0.01
Overlaps		S W			Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.63

397 - El Toro Rd. @ Paseo de Valencia
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02	222	0.07
NBT	3	5100	716	0.14*	1123	0.22*
NBR	1	1700	235	0.14	326	0.19
SBL	2	3400	342	0.10*	207	0.06*
SBT	3	5100	599	0.12	693	0.14
SBR	0		9		22	
EBL	1	1700	17	0.01	34	0.02
EBT	2	3400	560	0.16*	432	0.13*
EBR	1	1700	242	0.14	208	0.12
WBL	2	3400	312	0.09*	405	0.12*
WBT	2	3400	131	0.04	205	0.06
WBR	1	1700	313	0.18	381	0.22
Adjustment						
Overlaps		N E W			Clearance	0.05
Total ICU				0.54		0.58

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	344	0.10*	245	0.07
NBT	3	5100	587	0.12	1007	0.20*
NBR	1	1700	129	0.08	229	0.13
SBL	2	3400	272	0.08	334	0.10*
SBT	3	5100	682	0.13*	623	0.12
SBR	1	1700	206	0.12	218	0.13
EBL	2	3400	284	0.08*	356	0.10
EBT	3	5100	803	0.16	1971	0.39*
EBR	1	1700	310	0.18	363	0.21
WBL	2	3400	267	0.08	191	0.06*
WBT	3	5100	1639	0.32*	778	0.15
WBR	1	1700	299	0.18	402	0.24
Adjustment						
Overlaps		E			Clearance	0.05
Total ICU				0.68		0.80

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Pending No Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	556	0.11	859	0.17*
NBR	F		885		1294	
SBL	1	1700	73	0.04	136	0.08*
SBT	3	5100	802	0.16*	571	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1276	0.38*	1045	0.31*
WBT	0		0		0	
WBR	1	1700	108	0.06	85	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.61

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	1395	0.41	2184	0.64*
NBR	0		0		0	
SBL	0		0		0	*
SBT	1.5	1700	721	0.42*	707	0.33
SBR	1.5	3400	1545	0.45	996	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	134	0.04	131	0.04
WBT	2	3400	557	0.16*	237	0.07*
WBR	1	1700	10	0.01	4	0.00
Adjustment				SBR 0.03		
Overlaps					Clearance	0.05
Total ICU				0.66		0.76

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Pending No Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	665	0.20	801	0.24*
NBR	1	1700	139	0.08	110	0.06
SBL	1	1700	5	0.00	30	0.02*
SBT	2	3400	856	0.25*	827	0.24
SBR	0		0		0	
EBL	1.5	3400	739	0.22*	1394	0.41*
EBT	1.5	1700	120	0.07	277	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.72

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	617	0.18*	930	0.27*
NBT	0		0		0	
NBR	1.5	1700	34	0.02	46	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	660	0.19*	966	0.28*
EBR	F		335		269	
WBL	1	1700	254	0.15*	147	0.09*
WBT	2	3400	605	0.18	538	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.69

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	0	*	0	*
NBT	0		0		0	
NBR	1.5	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	97	0.06*	387	0.23*
EBT	2	3400	0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	0	*	0	*
WBR	1	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.11		0.28

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	1700	1	0.00*	1	0.00*
SBT	0		0		0	
SBR	1.5	3400	546	0.16	84	0.02
EBL	0		0		0	
EBT	2	3400	96	0.03*	387	0.11*
EBR	1	1700	0		0	
WBL	1	1700	0	*	0	*
WBT	2	3400	0		0	
WBR	0		0		0	
Adjustment			SBR	0.14		
Overlaps				Clearance		0.05
Total ICU				0.22		0.16

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	751	0.44*	443	0.26*
NBT	2	3400	755	0.22	140	0.04
NBR	D	1700	57	0.03	20	0.01
SBL	1	1700	5	0.00	12	0.01
SBT	2	3400	114	0.03*	496	0.15*
SBR	D	1700	62	0.04	264	0.16
EBL	1	1700	176	0.10*	42	0.02
EBT	2	3400	13	0.00	6	0.00*
EBR	D	1700	322	0.19	252	0.15
WBL	1	1700	17	0.01	74	0.04*
WBT	2	3400	9	0.00*	39	0.01
WBR	D	1700	9	0.01	12	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.50

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	2538	0.37*	1831	0.27*
NBR	1	1700	163	0.10	191	0.11
SBL	3	5100	488	0.10*	828	0.16*
SBT	3	5100	1507	0.30	2192	0.43
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	217	0.06*	172	0.05*
WBT	0		0		0	
WBR	F		1485		1123	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.53

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	85	0.05*	85	0.05
NBT	2	3400	919	0.27	1102	0.32*
NBR	D	1700	550	0.32	188	0.11
SBL	1	1700	25	0.01	10	0.01*
SBT	2	3400	937	0.28*	810	0.24
SBR	D	1700	125	0.07	146	0.09
EBL	1	1700	106	0.06	103	0.06*
EBT	2	3400	310	0.11*	116	0.06
EBR	0		66		100	
WBL	2	3400	116	0.03*	504	0.15
WBT	1	1700	76	0.05	423	0.26*
WBR	0		4		15	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.70

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	193	0.06*	128	0.04*
SBT	0		0		0	
SBR	2	3400	122	0.04	461	0.14
EBL	2	3400	85	0.03*	162	0.05*
EBT	2	3400	323	0.10	910	0.27
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	972	0.29*	977	0.29*
WBR	D	1700	50	0.03	51	0.03
Adjustment					SBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.43		0.49

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	196	0.12*	180	0.11*
NBT	0		0		0	
NBR	1	1700	255	0.15	255	0.15
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	672	0.13	1406	0.28*
EBR	D	1700	289	0.17	160	0.09
WBL	1	1700	183	0.11	150	0.09*
WBT	3	5100	1381	0.27*	783	0.15
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.53

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	28	0.02
NBT	2	3400	277	0.12	352	0.12*
NBR	0		129		64	
SBL	1	1700	106	0.06	83	0.05*
SBT	2	3400	451	0.16*	259	0.09
SBR	0		85		37	
EBL	1	1700	35	0.02	56	0.03
EBT	2	3400	145	0.05*	362	0.11*
EBR	0		38		23	
WBL	1	1700	190	0.11*	26	0.02*
WBT	2	3400	230	0.08	91	0.04
WBR	0		50		43	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.35

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	83	0.05	37	0.02
NBT	2	3400	262	0.08*	339	0.10*
NBR	D	1700	119	0.07	95	0.06
SBL	1	1700	142	0.08*	46	0.03*
SBT	2	3400	345	0.10	232	0.07
SBR	D	1700	252	0.15	33	0.02
EBL	1	1700	112	0.07*	78	0.05
EBT	2	3400	327	0.13	914	0.29*
EBR	0		124		62	
WBL	1	1700	83	0.05	84	0.05*
WBT	2	3400	792	0.26*	308	0.12
WBR	0		75		84	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.52

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	79	0.05	115	0.07
NBT	2	1700	23	0.01*	42	0.02*
NBR	0	1700	60	0.04	96	0.06
SBL	2	3400	361	0.11*	321	0.09*
SBT	2	3400	70	0.02	37	0.01
SBR	F		962		506	
EBL	2	3400	327	0.10*	1123	0.33*
EBT	3	5100	627	0.12	1239	0.24
EBR	1	1700	114	0.07	93	0.05
WBL	2	3400	130	0.04	59	0.02
WBT	3	5100	1385	0.27*	682	0.13*
WBR	1	1700	325	0.19	311	0.18
Adjustment						
Overlaps	W			Clearance		0.05
Total ICU				0.54		0.62

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	403	0.12	196	0.06*
NBT	3	5100	1213	0.24*	910	0.18
NBR	F		83		334	
SBL	2	3400	150	0.04*	329	0.10
SBT	3	5100	716	0.14	1228	0.24*
SBR	F		192		94	
EBL	1	1700	112	0.07	92	0.05*
EBT	0		0	*	0	
EBR	F		153		395	
WBL	2	3400	227	0.07*	134	0.04
WBT	0		0		0	*
WBR	F		454		122	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.40

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	314	0.09*	276	0.08*
NBT	3	5100	197	0.04	519	0.10
NBR	F		362		624	
SBL	1	1700	31	0.02	12	0.01
SBT	3	5100	658	0.13*	212	0.04*
SBR	2	3400	455	0.13	160	0.05
EBL	2	3400	81	0.02	346	0.10
EBT	3	5100	743	0.15*	1640	0.32*
EBR	1	1700	198	0.12	435	0.26
WBL	2	3400	455	0.13*	438	0.13*
WBT	4	6800	1650	0.24	911	0.13
WBR	D	1700	29	0.02	48	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.62

418 - El Toro Rd. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	244	0.07*	381	0.11*
NBT	4	6800	643	0.09	1284	0.19
NBR	1	1700	174	0.10	431	0.25
SBL	2	3400	219	0.06	239	0.07
SBT	4	6800	1676	0.29*	985	0.17*
SBR	0		312		139	
EBL	2	3400	186	0.05*	322	0.09
EBT	3	3400	394	0.12	961	0.25*
EBR	0	1700	271	0.16	300	
WBL	2	3400	322	0.09	188	0.06*
WBT	3	5100	847	0.17*	406	0.08
WBR	1	1700	192	0.11	174	0.10
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.63		0.64

419 - El Toro Rd. @ Toledo Wy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	242	0.14*	59	0.03
NBT	4	6800	1121	0.17	1910	0.28*
NBR	0		15		24	
SBL	1	1700	1	0.00	1	0.00*
SBT	4	6800	1963	0.32*	1410	0.21
SBR	0		197		34	
EBL	1.5	2550	49	0.02*	242	0.08*
EBT	0.5	850	3	0.02	16	0.08
EBR	1	1700	237	0.14	102	0.06
WBL	0		40		15	
WBT	1	1700	9	0.03*	3	0.01*
WBR	0		1		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.56		0.42

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	119	0.07*	112	0.07
NBT	4	6800	1040	0.19	1575	0.28*
NBR	0		285		337	
SBL	2	3400	274	0.08	320	0.09*
SBT	4	6800	1835	0.31*	1140	0.18
SBR	0		265		102	
EBL	1	1700	156	0.09*	181	0.11
EBT	2	3400	273	0.08	731	0.22*
EBR	1	1700	214	0.13	119	0.07
WBL	2	3400	430	0.13	222	0.07*
WBT	2	3400	526	0.15*	323	0.10
WBR	1	1700	258	0.15	287	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.71

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	246	0.14*	220	0.13
NBT	3	5100	439	0.09	1038	0.20*
NBR	D	1700	115	0.07	282	0.17
SBL	1	1700	138	0.08	148	0.09*
SBT	3	5100	1111	0.22*	549	0.11
SBR	D	1700	297	0.17	93	0.05
EBL	1	1700	129	0.08	303	0.18*
EBT	2	3400	440	0.13*	700	0.21
EBR	D	1700	284	0.17	209	0.12
WBL	1	1700	281	0.17*	140	0.08
WBT	2	3400	714	0.21	427	0.13*
WBR	D	1700	155	0.09	147	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.65

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	185	0.11*	184	0.11
NBT	3	5100	674	0.13	1275	0.25*
NBR	1	1700	173	0.10	280	0.16
SBL	1	1700	242	0.14	144	0.08*
SBT	3	5100	1276	0.25*	722	0.14
SBR	1	1700	366	0.22	171	0.10
EBL	2	3400	190	0.06*	429	0.13
EBT	2	3400	511	0.15	792	0.23*
EBR	1	1700	159	0.09	293	0.17
WBL	2	3400	202	0.06	262	0.08*
WBT	2	3400	608	0.18*	490	0.14
WBR	1	1700	100	0.06	196	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.69

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	215	0.06*	198	0.06*
NBT	2	3400	525	0.15	407	0.12
NBR	1	1700	114	0.07	154	0.09
SBL	2	3400	116	0.03	302	0.09
SBT	2	3400	473	0.20*	672	0.28*
SBR	0		198		278	
EBL	2	3400	231	0.07*	175	0.05
EBT	3	5100	732	0.14	1154	0.23*
EBR	1	1700	303	0.18	247	0.15
WBL	2	3400	206	0.06	146	0.04*
WBT	3	5100	1042	0.20*	935	0.18
WBR	D	1700	307	0.18	188	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.66

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	185	0.05*	178	0.05*
NBT	2	3400	843	0.25	1200	0.35
NBR	0		3		4	
SBL	1	1700	15	0.01	20	0.01
SBT	2	3400	906	0.27*	1172	0.34*
SBR	1	1700	503	0.30	302	0.18
EBL	1.5	2550	321	0.10*	365	0.12*
EBT	0.5	850	18	0.10	35	0.12
EBR	1	1700	187	0.11	376	0.22
WBL	0		5		14	
WBT	1	1700	46	0.03*	20	0.02*
WBR	D	1700	54	0.03	26	0.02

Adjustment EBR 0.04
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.50 0.62

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	233	0.07*	130	0.04*
NBT	3	5100	834	0.16	990	0.19
NBR	0		3		1	
SBL	1	1700	7	0.00	10	0.01
SBT	3	5100	915	0.18*	1247	0.24*
SBR	D	1700	269	0.16	233	0.14
EBL	1.5	2550	124	0.04*	460	0.14*
EBT	0.5	850	3	0.04	13	0.14
EBR	1	1700	77	0.05	270	0.16
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	7	0.00	15	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.35 0.47

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	673	0.13*	1267	0.25*
SBT	0		0		0	
SBR	1	1700	370	0.22	222	0.13
EBL	2	3400	128	0.04*	215	0.06
EBT	2	3400	441	0.13	845	0.25*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	822	0.24*	405	0.12
WBR	2	3400	813	0.24	915	0.27

Adjustment SBR 0.05
Overlaps S W Clearance 0.05

Total ICU 0.51 0.55

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Pending No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	265	0.08	329	0.10*
NBT	3	5100	1589	0.31*	930	0.18
NBR	D	1700	11	0.01	33	0.02
SBL	1	1700	7	0.00*	30	0.02
SBT	3	5100	727	0.14	1816	0.36*
SBR	1	1700	419	0.25	499	0.29
EBL	1.5	2550	418	0.12*	384	0.12*
EBT	0.5	850	1	0.12	11	0.12
EBR	1	1700	305	0.18	390	0.23
WBL	0		43		22	
WBT	1	1700	12	0.03*	4	0.02*
WBR	D	1700	24	0.01	16	0.01

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.66

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	666	0.20*	654	0.20*
NBT	0.5	850	14	0.20	13	0.20
NBR	1	1700	420	0.25	486	0.29
SBL	1	1700	115	0.07	51	0.03
SBT	1	1700	26	0.07*	26	0.04*
SBR	0		101		44	
EBL	1	1700	28	0.02	76	0.04
EBT	3	5100	480	0.09*	1205	0.24*
EBR	1	1700	644	0.38	912	0.54
WBL	2	3400	370	0.11*	344	0.10*
WBT	3	5100	751	0.16	526	0.12
WBR	0		62		83	
Adjustment			EBR	0.14	EBR	0.15
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.66		0.78

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Pending No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	412	0.12	202	0.06*
NBT	4	6800	1297	0.19*	760	0.11
NBR	1	1700	166	0.10	109	0.06
SBL	2	3400	223	0.07*	225	0.07
SBT	3	5100	603	0.12	1489	0.29*
SBR	1	1700	199	0.12	428	0.25
EBL	2	3400	335	0.10*	259	0.08*
EBT	3	5100	567	0.11	812	0.16
EBR	F		295		341	
WBL	1	1700	82	0.05	176	0.10
WBT	2	3400	830	0.24*	725	0.21*
WBR	1	1700	183	0.11	333	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.69

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	179	0.05	119	0.04
NBT	2	3400	459	0.14*	352	0.10*
NBR	D	1700	79	0.05	72	0.04
SBL	2	3400	180	0.05*	491	0.14*
SBT	2	3400	317	0.09	437	0.13
SBR	1	1700	150	0.09	141	0.08
EBL	1	1700	204	0.12*	139	0.08
EBT	3	5100	943	0.18	1573	0.31*
EBR	D	1700	68	0.04	125	0.07
WBL	1	1700	135	0.08	63	0.04*
WBT	3	5100	1724	0.34*	998	0.20
WBR	1	1700	384	0.23	200	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.64

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	553	0.16*	243	0.07*
NBT	2	3400	736	0.22	349	0.10
NBR	1	1700	157	0.09	91	0.05
SBL	2	3400	77	0.02	175	0.05
SBT	2	3400	421	0.12*	775	0.23*
SBR	1	1700	195	0.11	438	0.26
EBL	2	3400	360	0.11*	230	0.07
EBT	3	5100	1318	0.26	1864	0.37*
EBR	1	1700	217	0.13	418	0.25
WBL	2	3400	176	0.05	125	0.04*
WBT	3	5100	1971	0.39*	1349	0.26
WBR	1	1700	159	0.09	112	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.83		0.76

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	223	0.07*	370	0.11
NBT	3	5100	2007	0.39	2353	0.46*
NBR	1	1700	90	0.05	161	0.09
SBL	2	3400	119	0.04	101	0.03*
SBT	4	6800	2530	0.39*	2096	0.32
SBR	0		129		82	
EBL	2	3400	92	0.03	101	0.03
EBT	2	3400	400	0.12*	410	0.12*
EBR	1	1700	518	0.30	495	0.29
WBL	2	3400	121	0.04*	105	0.03*
WBT	2	3400	399	0.12	352	0.10
WBR	1	1700	226	0.13	153	0.09
Adjustment			EBR	0.11	EBR	0.01
Overlaps	E				Clearance	0.05
Total ICU				0.78		0.70

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Pending No Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	283	0.15*	227	0.13*
NBT	0		0		0	
NBR	1.5	2550	487	0.15	840	0.25
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2043	0.40*	2349	0.46*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1746	0.34	1657	0.32
WBR	F		0		0	
Adjustment					NBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.60		0.76

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1252	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	864	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2325	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1087	0.21	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Pending No Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	307	0.09	313	0.09
NBT	3	5100	1720	0.35*	1539	0.31*
NBR	0		61		58	
SBL	1	1700	72	0.04*	118	0.07*
SBT	3	5100	1296	0.25	1441	0.28
SBR	1	1700	431	0.25	370	0.22
EBL	2	3400	428	0.13*	511	0.15*
EBT	2	3400	254	0.07	477	0.14
EBR	2	3400	236	0.07	616	0.18
WBL	2	3400	82	0.02	102	0.03
WBT	3	5100	450	0.09*	249	0.05*
WBR	1	1700	72	0.04	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.63

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Pending No Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01	70	0.02*
NBT	4	6800	1195	0.18*	669	0.10
NBR	F		468		345	
SBL	2	3400	171	0.05*	224	0.07
SBT	3	5100	677	0.13	1127	0.22*
SBR	1	1700	266	0.16	620	0.36
EBL	2	3400	416	0.12*	331	0.10*
EBT	3	5100	1328	0.26	1196	0.23
EBR	1	1700	95	0.06	52	0.03
WBL	2	3400	238	0.07	342	0.10
WBT	3	5100	1089	0.21*	1418	0.28*
WBR	1	1700	149	0.09	165	0.10
Adjustment						
Overlaps				SBR		0.06
				Clearance		0.05
Total ICU				0.61		0.73

437 - Scientific Wy. @ ICD
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	54	0.02*
NBT	2	3400	14	0.00	20	0.01
NBR	1	1700	1	0.00	1	0.00
SBL	2	3400	2	0.00	4	0.00
SBT	2	3400	11	0.00*	4	0.00*
SBR	1	1700	24	0.01	51	0.03
EBL	1	1700	51	0.03*	54	0.03
EBT	3	5100	718	0.14	1565	0.31*
EBR	1	1700	94	0.06	28	0.02
WBL	1	1700	1	0.00	0	*
WBT	3	5100	1011	0.20*	802	0.16
WBR	1	1700	48	0.03	22	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.38

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Pending No Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	80	0.02	729	0.21*
NBR	1	1700	38	0.02	72	0.04
SBL	1	1700	6	0.00	30	0.02*
SBT	2	3400	282	0.08*	232	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	941	0.28*	607	0.18*
WBT	0		0		0	
WBR	1	1700	4	0.00	154	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.46

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	158	0.09*	38	0.02*
SBT	0		0		0	
SBR	1.5	2550	292	0.13	878	0.27
EBL	2	3400	1049	0.31*	1321	0.39*
EBT	1	1700	723	0.43	422	0.25
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	392	0.21*	837	0.28*
WBR	0		308		114	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.74

444 - Sand Canyon Av. @ Burt Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	39	0.01
NBT	3	5100	817	0.16	1800	0.35*
NBR	D	1700	57	0.03	83	0.05
SBL	1	1700	104	0.06	163	0.10*
SBT	3	5100	2766	0.54*	1415	0.28
SBR	1	1700	94	0.06	71	0.04
EBL	2	3400	130	0.04*	36	0.01
EBT	1	1700	24	0.01	2	0.00*
EBR	1	1700	87	0.05	23	0.01
WBL	1	1700	38	0.02	64	0.04*
WBT	1	1700	10	0.01*	6	0.00
WBR	1	1700	62	0.04	139	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.54

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Pending No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	676	0.20*	1746	0.51*
NBT	1	1700	55	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	144	0.04*
SBR	D	1700	26	0.02	95	0.06
EBL	1	1700	35	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1549	0.46	558	0.16
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.29	SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Pending No Project-ITAM TC V1.8
COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	*
NBT	0		0		0	
NBR	D	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	539	0.16	796	0.23*
EBR	D	1700	0		0	
WBL	1	1700	0		0	*
WBT	2	3400	883	0.26*	531	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.28

463 - Jamboree Rd. @ Chapman Ave.
Buildout Pending No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	118	0.03	321	0.09
NBT	2	3400	248	0.07*	878	0.26*
NBR	2	3400	180	0.05	154	0.05
SBL	2	3400	744	0.22*	368	0.11*
SBT	3	5100	795	0.16	336	0.07
SBR	1	1700	36	0.02	78	0.05
EBL	2	3400	38	0.01	41	0.01*
EBT	3	5100	908	0.18*	356	0.07
EBR	1	1700	224	0.13	136	0.08
WBL	2	3400	261	0.08*	293	0.09
WBT	3	5100	510	0.10	1337	0.26*
WBR	2	3400	453	0.13	769	0.23
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.69

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Pending No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	500	0.29*	98	0.06*
SBT	1	1700	371	0.22	18	0.01
SBR	2	3400	706	0.21	226	0.07
EBL	0		0		0	*
EBT	3	5100	1026	0.20*	754	0.15
EBR	1	1700	761	0.45	138	0.08
WBL	2	3400	330	0.10*	169	0.05
WBT	3	5100	628	0.12	2134	0.42*
WBR	0		0		0	
Adjustment			EBR	0.20	SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.84		0.54

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Pending No Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	677	0.20*
NBT	2	3400	25	0.01	239	0.07
NBR	D	1700	144	0.08	262	0.15
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	219	0.13*	426	0.25*
EBT	3	5100	1272	0.25	466	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	845	0.17*	1587	0.31*
WBR	D	1700	147	0.09	561	0.33
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.81

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Pending No Project-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	385	0.11*	960	0.28*
NBT	0		0		0	
NBR	1	1700	23	0.01	89	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	454	0.13*	421	0.12*
EBR	1.5	3400	891	0.26	885	0.26
WBL	1	1700	86	0.05*	138	0.08*
WBT	3	5100	719	0.14	713	0.14
WBR	0		0		0	
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.39		0.53

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Pending No Project-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	120	0.04*	882	0.26*
NBT	3	5100	383	0.08	1658	0.33
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1485	0.29*	482	0.09*
SBR	1	1700	129	0.08	251	0.15
EBL	1	1700	107	0.06*	135	0.08*
EBT	0		0		0	
EBR	2	3400	615	0.18	253	0.07
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.53		0.48

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Pending No Project-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	1212	0.24*	1592	0.31*
NBR	D	1700	511	0.30	781	0.46
SBL	1	1700	243	0.14*	229	0.13*
SBT	3	5100	1613	0.32	855	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	903	0.53*	398	0.23*
WBT	0		0		0	
WBR	1	1700	322	0.19	217	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.96		0.72

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Pending No Project-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		34		15	
SBT	1	1700	66	0.06*	1	0.01*
SBR	1	1700	1219	0.72	289	0.17
EBL	0		0		0	
EBT	1	1700	257	0.15*	971	0.57*
EBR	1	1700	497	0.29	38	0.02
WBL	0		0	*	1	*
WBT	1	1700	6	0.00	325	0.19
WBR	0		0		0	
Adjustment			Multi	0.69		
Overlaps					Clearance	0.05
Total ICU				0.95		0.63

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Pending No Project-ITAM TC V1.8 ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00	326	0.19*
NBT	1	1700	18	0.01*	98	0.06
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	291	0.17*	986	0.58*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.82

477 - El Camino Real N. @ Bryan Ave.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	8	0.00*	112	0.07*
NBT	0		0		0	
NBR	1.5	3400	53	0.02	396	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	369	0.11	808	0.24
EBR	D	1700	121	0.07	35	0.02
WBL	2	3400	228	0.07	104	0.03
WBT	2	3400	654	0.19*	1375	0.40*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.52

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00	62	0.04
NBT	2	3400	34	0.01*	46	0.01*
NBR	D	1700	9	0.01	34	0.02
SBL	2	3400	85	0.03*	389	0.11*
SBT	2	3400	43	0.01	45	0.01
SBR	D	1700	57	0.03	709	0.42
EBL	1	1700	503	0.30*	94	0.06*
EBT	1	1700	132	0.08	71	0.04
EBR	1	1700	68	0.04	8	0.00
WBL	1	1700	78	0.05	16	0.01
WBT	1	1700	101	0.06*	252	0.15*
WBR	2	3400	578	0.17	184	0.05

Adjustment	WBR	0.09	SBR	0.29
Overlaps			Clearance	0.05
Total ICU		0.54		0.67

482 - Visions @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	12	0.01*
NBT	1	1700	0		0	
NBR	1	1700	106	0.06	22	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	461	0.14*	767	0.23*
EBR	1	1700	170	0.10	16	0.01
WBL	1	1700	314	0.18*	21	0.01*
WBT	2	3400	736	0.22	628	0.18
WBR	D	1700	0		0	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.38		0.30

484 - Sand Canyon Av. @ Roosevelt
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	59	0.02*	111	0.03
NBT	4	6800	670	0.10	1979	0.29*
NBR	D	1700	69	0.04	217	0.13
SBL	2	3400	49	0.01	119	0.04*
SBT	4	6800	1732	0.25*	871	0.13
SBR	D	1700	78	0.05	97	0.06
EBL	2	3400	101	0.03*	93	0.03*
EBT	2	3400	49	0.01	92	0.03
EBR	D	1700	145	0.09	99	0.06
WBL	2	3400	250	0.07	88	0.03
WBT	1	1700	133	0.08*	46	0.03*
WBR	D	1700	94	0.06	113	0.07

Adjustment	EBR	0.03	WBR	0.01
Overlaps			Clearance	0.05
Total ICU		0.46		0.45

485 - Sand Canyon Av. @ Nightmist
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	216	0.06
NBT	4	6800	699	0.10	2152	0.32*
NBR	D	1700	54	0.03	89	0.05
SBL	1	1700	48	0.03	31	0.02*
SBT	4	6800	2116	0.31*	980	0.14
SBR	D	1700	53	0.03	62	0.04
EBL	2	3400	56	0.02*	42	0.01
EBT	1	1700	29	0.02	9	0.01*
EBR	1	1700	267	0.16	95	0.06
WBL	2	3400	42	0.01	140	0.04*
WBT	1	1700	50	0.03*	7	0.00
WBR	D	1700	57	0.03	65	0.04

Adjustment	EBR	0.09		
Overlaps			Clearance	0.05
Total ICU		0.54		0.44

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	474	0.28*	235	0.14*
SBT	0		0		0	
SBR	2	3400	857	0.25	153	0.05
EBL	0		0		0	
EBT	2	3400	213	0.06*	727	0.21*
EBR	1	1700	846	0.50	570	0.34
WBL	2	3400	1129	0.33*	866	0.25*
WBT	2	3400	513	0.15	723	0.21
WBR	0		0		0	

Adjustment	EBR	0.23	EBR	0.02
Overlaps			Clearance	0.05
Total ICU		0.95		0.67

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	506	0.15*	773	0.23*
NBT	0		0		0	
NBR	2	3400	928	0.27	1108	0.33
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	627	0.18	624	0.18*
EBR	F		52		311	
WBL	1	1700	187	0.11	592	0.35*
WBT	2	3400	1227	0.36*	827	0.24
WBR	0		0		0	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.56		0.81

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03*	184	0.05
NBT	3	5100	625	0.12	1147	0.22*
NBR	1	1700	120	0.07	120	0.07
SBL	2	3400	139	0.04	26	0.01*
SBT	3	5100	1218	0.24*	557	0.11
SBR	1	1700	63	0.04	64	0.04
EBL	1	1700	81	0.05*	29	0.02
EBT	2	3400	45	0.01	32	0.01*
EBR	D	1700	252	0.15	158	0.09
WBL	2	3400	158	0.05	144	0.04*
WBT	2	3400	45	0.01*	72	0.02
WBR	1	1700	37	0.02	157	0.09

Adjustment EBR 0.12 WBR 0.05
Overlaps Clearance 0.05

Total ICU 0.50 0.38

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	588	0.17	1094	0.32*
NBR	D	1700	290	0.17	671	0.39
SBL	1	1700	152	0.09	290	0.17*
SBT	2	3400	1010	0.30*	665	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	518	0.15*	274	0.08*
WBT	0		0		0	
WBR	2	3400	202	0.06	273	0.08

Adjustment NBR 0.01
Overlaps Clearance 0.05

Total ICU 0.50 0.63

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	125	0.07*	224	0.13
NBT	2	3400	678	0.20	898	0.26*
NBR	D	1700	118	0.07	421	0.25
SBL	1	1700	141	0.08	133	0.08*
SBT	2	3400	734	0.22*	588	0.17
SBR	D	1700	79	0.05	58	0.03
EBL	1	1700	45	0.03*	57	0.03
EBT	2	3400	274	0.08	684	0.20*
EBR	1	1700	67	0.04	158	0.09
WBL	2	3400	243	0.07	159	0.05*
WBT	2	3400	620	0.18*	317	0.09
WBR	D	1700	80	0.05	72	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.55 0.64

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	503	0.15*	301	0.09*
NBT	3	5100	1474	0.29	972	0.19
NBR	D	1700	11	0.01	2	0.00
SBL	2	3400	26	0.01	20	0.01
SBT	3	5100	842	0.17*	1450	0.28*
SBR	1	1700	248	0.15	197	0.12
EBL	1.5	2550	117	0.04*	422	0.13*
EBT	0.5	850	11	0.04	32	0.13
EBR	F		220		747	
WBL	1.5	2550	6	0.01	13	0.01
WBT	1	1700	22	0.01*	25	0.01*
WBR	1.5	2550	16	0.01	28	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.42 0.56

518 - Alton Pkwy. @ Commercentre
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	638	0.13	1421	0.28*
NBR	D	1700	329	0.19	270	0.16
SBL	1	1700	236	0.14	62	0.04*
SBT	3	5100	1537	0.30*	797	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	239	0.07*	533	0.16*
WBT	0		0		0	
WBR	1.5	1700	89	0.05	263	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.42 0.53

520 - Keystone @ Trabuco Rd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	129	0.04*	32	0.01*
SBT	0		0		0	
SBR	1	1700	409	0.24	182	0.11
EBL	2	3400	158	0.05*	312	0.09*
EBT	2	3400	400	0.12	372	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	777	0.23*	593	0.17*
WBR	1	1700	39	0.02	77	0.05

Adjustment SBR 0.16 SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.53 0.35

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Pending No Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	250	0.15*	147	0.09
NBT	2	3400	712	0.21	1367	0.40*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1159	0.34*	859	0.25
SBR	1	1700	308	0.18	157	0.09
EBL	2	3400	120	0.04*	332	0.10*
EBT	0		0		0	
EBR	1	1700	151	0.09	141	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04	160	0.05*
NBT	1	1700	11	0.01*	32	0.02
NBR	D	1700	48	0.03	92	0.05
SBL	1	1700	106	0.06*	14	0.01
SBT	2	3400	54	0.02	12	0.00*
SBR	D	1700	23	0.01	31	0.02
EBL	1	1700	6	0.00	41	0.02*
EBT	2	3400	991	0.29*	940	0.28
EBR	D	1700	177	0.10	96	0.06
WBL	1	1700	127	0.07*	39	0.02
WBT	2	3400	794	0.23	941	0.28*
WBR	D	1700	36	0.02	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.40

558 - Ridge Valley @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	352	0.10*	287	0.08*
NBT	2	3400	201	0.06	145	0.04
NBR	D	1700	98	0.06	95	0.06
SBL	1	1700	191	0.11	86	0.05
SBT	2	3400	284	0.08*	77	0.02*
SBR	F		457		240	
EBL	2	3400	106	0.03*	393	0.12*
EBT	3	5100	1283	0.25	1323	0.26
EBR	1	1700	145	0.09	298	0.18
WBL	2	3400	38	0.01	90	0.03
WBT	3	5100	1375	0.27*	1626	0.32*
WBR	1	1700	86	0.05	84	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.59

559 - Ridge Valley @ Great Park Blvd.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	260	0.08*	427	0.13*
NBT	2	1700	9	0.01	66	0.04
NBR	0	1700	33	0.02	105	0.06
SBL	1	1700	64	0.04	89	0.05
SBT	2	3400	16	0.00*	25	0.01*
SBR	F		503		363	
EBL	2	3400	252	0.07*	544	0.16*
EBT	2	3400	949	0.28	871	0.26
EBR	F		244		240	
WBL	1	1700	25	0.01	47	0.03
WBT	2	3400	758	0.23*	689	0.23*
WBR	0		26		106	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	258	0.15*
NBT	1	1700	3	0.01*	38	0.06
NBR	0		22		60	
SBL	1	1700	108	0.06*	58	0.03
SBT	1	1700	22	0.01	5	0.00*
SBR	1	1700	274	0.16	248	0.15
EBL	2	3400	145	0.04*	851	0.25*
EBT	2	3400	1007	0.30	1338	0.39
EBR	D	1700	201	0.12	117	0.07
WBL	1	1700	106	0.06	14	0.01
WBT	2	3400	1341	0.39*	681	0.20*
WBR	1	1700	77	0.05	101	0.06
Adjustment			SBR	0.08		
Overlaps	S			Clearance		0.05
Total ICU				0.63		0.65

561 - Bosque @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	138	0.08*	143	0.08*
NBT	0		0		0	
NBR	1	1700	321	0.19	307	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1478	0.29*	1202	0.24
EBR	1	1700	132	0.08	93	0.05
WBL	1	1700	261	0.15*	219	0.13
WBT	3	5100	1642	0.32	1937	0.38*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.51

562 - Skyhawk @ Marine Wy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		58	0.03*
SBT	1	1700	0	*	0	
SBR	1	1700	472	0.28	208	0.12
EBL	1	1700	158	0.09*	595	0.35*
EBT	2	3400	1094	0.32	1039	0.31
EBR	0		0		0	
WBL	1	1700	0		0	
WBT	2	3400	1128	0.33*	825	0.24*
WBR	1	1700	0		133	0.08
Adjustment			SBR	0.21		
Overlaps					Clearance	0.05
Total ICU				0.68		0.67

563 - Chinon @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	318	0.12*	107	0.05*
NBT	0		0		0	
NBR	0.5	850	94	0.12	78	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1673	0.33*	821	0.16
EBR	1	1700	289	0.17	59	0.03
WBL	1	1700	37	0.02*	86	0.05
WBT	3	5100	724	0.14	1652	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.42

565 - Treble @ Marine Wy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	300	0.18*	96	0.06*
NBT	1	1700	64	0.12	35	0.05
NBR	0		140		43	
SBL	2	3400	294	0.09	179	0.05
SBT	1	1700	23	0.38*	48	0.26*
SBR	0		629		402	
EBL	1	1700	385	0.23*	578	0.34*
EBT	2	3400	849	0.25	694	0.20
EBR	D	1700	68	0.04	186	0.11
WBL	1	1700	24	0.01	95	0.06
WBT	2	3400	651	0.19*	796	0.23*
WBR	1	1700	138	0.08	295	0.17
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				1.03		0.94

566 - Marine Wy. @ Barranca Pkwy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	62	0.02*	185	0.05
NBT	2	3400	224	0.07	749	0.22*
NBR	1	1700	58	0.03	150	0.09
SBL	2	3400	624	0.18	432	0.13*
SBT	2	3400	972	0.29*	312	0.09
SBR	1	1700	662	0.39	531	0.31
EBL	2	3400	255	0.08*	631	0.19*
EBT	2	3400	66	0.02	127	0.04
EBR	1	1700	103	0.06	92	0.05
WBL	2	3400	129	0.04	102	0.03
WBT	2	3400	88	0.03*	174	0.05*
WBR	1	1700	318	0.19	705	0.41
Adjustment			SBR	0.04	WBR	0.26
Overlaps					Clearance	0.05
Total ICU				0.51		0.90

567 - Marine Wy. @ Alton Pkwy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	646	0.19*	744	0.22*
NBT	2	3400	67	0.02	25	0.01
NBR	1	1700	562	0.33	651	0.38
SBL	2	3400	12	0.00	77	0.02
SBT	2	3400	17	0.01*	140	0.04*
SBR	1	1700	14	0.01	88	0.05
EBL	2	3400	81	0.02	15	0.00
EBT	3	5100	675	0.13*	397	0.08*
EBR	F		993		723	
WBL	2	3400	414	0.12*	575	0.17*
WBT	3	5100	324	0.06	361	0.07
WBR	1	1700	34	0.02	12	0.01
Adjustment			NBR	0.04	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.54		0.57

568 - Ada @ Marine Wy.
Buildout Pending No Project-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	428	0.25*	421	0.25*
NBT	0		0		0	
NBR	1	1700	556	0.33	508	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0	*	0	
EBT	2	3400	746	0.32	950	0.42*
EBR	0		346		461	
WBL	0		595		478	*
WBT	2	3400	986	0.47*	815	0.38
WBR	1	1700	0		0	
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.77		0.77

569 - Bake Pkwy @ Marine Wy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1038	0.31*	698	0.21*
NBT	4	6800	3091	0.45	3333	0.49
NBR	1	1700	162	0.10	65	0.04
SBL	1	1700	124	0.07	48	0.03
SBT	4	6800	2808	0.41*	3567	0.52*
SBR	F		792		513	
EBL	2	3400	446	0.13*	705	0.21*
EBT	1	1700	23	0.01	14	0.01
EBR	2	3400	531	0.16	1027	0.30
WBL	1	1700	33	0.02	139	0.08
WBT	2	3400	9	0.00*	20	0.01*
WBR	D	1700	28	0.02	96	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.90		1.00

571 - Portola Springs @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	208	0.06
NBT	1	1700	55	0.08	48	0.09*
NBR	0		76		105	
SBL	1	1700	21	0.01	36	0.02*
SBT	1	1700	80	0.05*	27	0.02
SBR	D	1700	170	0.10	69	0.04
EBL	1	1700	63	0.04	116	0.07
EBT	2	3400	484	0.14*	753	0.22*
EBR	1	1700	285	0.17	88	0.05
WBL	1	1700	64	0.04*	65	0.04*
WBT	2	3400	368	0.11	624	0.18
WBR	D	1700	8	0.00	45	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.42

572 - Modjeska @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	56	0.03
NBT	1	1700	24	0.01*	36	0.02*
NBR	1	1700	69	0.04	39	0.02
SBL	2	3400	538	0.16*	164	0.05*
SBT	1	1700	94	0.06	21	0.01
SBR	1	1700	472	0.28	334	0.20
EBL	2	3400	178	0.05	504	0.15*
EBT	3	5100	1347	0.26*	846	0.17
EBR	1	1700	56	0.03	61	0.04
WBL	1	1700	75	0.04*	40	0.02
WBT	3	5100	903	0.18	1352	0.27*
WBR	1	1700	270	0.16	264	0.16
Adjustment				SBR 0.05		SBR 0.05
Overlaps				Clearance		0.05
Total ICU				0.57		0.59

575 - Ridge Valley @ Hornet
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	54	0.03
NBT	2	3400	49	0.03	436	0.16*
NBR	0		47		113	
SBL	1	1700	61	0.04	92	0.05*
SBT	2	3400	348	0.10*	120	0.04
SBR	D	1700	49	0.03	37	0.02
EBL	1	1700	93	0.05*	50	0.03*
EBT	1	1700	29	0.04	4	0.01
EBR	0		36		16	
WBL	1	1700	58	0.03	55	0.03
WBT	1	1700	9	0.02*	6	0.09*
WBR	0		33		142	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.38

576 - Ridge Valley @ Phantom
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	29	0.02
NBT	2	3400	140	0.05	677	0.25*
NBR	0		36		157	
SBL	1	1700	13	0.01	30	0.02*
SBT	2	3400	385	0.11*	244	0.07
SBR	0		5		6	
EBL	1	1700	4	0.00	7	0.00
EBT	1	1700	1	0.02*	2	0.01*
EBR	0		29		13	
WBL	1	1700	39	0.02*	67	0.04*
WBT	1	1700	1	0.00	2	0.02
WBR	0		5		36	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.21		0.37

577 - Pusan Way @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	28	0.02
NBT	1	1700	54	0.03	51	0.03*
NBR	1	1700	66	0.04	47	0.03
SBL	1	1700	23	0.01	39	0.02*
SBT	1	1700	62	0.04*	29	0.02
SBR	1	1700	158	0.09	150	0.09
EBL	1	1700	100	0.06	186	0.11*
EBT	3	5100	1855	0.36*	885	0.17
EBR	1	1700	48	0.03	23	0.01
WBL	1	1700	49	0.03*	49	0.03
WBT	3	5100	1095	0.21	1646	0.32*
WBR	1	1700	48	0.03	65	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.53

579 - Merit @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05*	73	0.02*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	200	0.12	110	0.06
SBL	1	1700	100	0.06	30	0.02
SBT	1	1700	28	0.06*	1	0.01*
SBR	0		79		20	
EBL	2	3400	69	0.02	14	0.00*
EBT	3	5100	1350	0.26*	802	0.16
EBR	1	1700	373	0.22	36	0.02
WBL	2	3400	191	0.06*	115	0.03
WBT	3	5100	545	0.11	1727	0.34*
WBR	1	1700	35	0.02	45	0.03
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.50		0.42

581 - Lynx @ Irvine Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	93	0.05*	24	0.01*
NBT	1	1700	0		0	
NBR	1	1700	81	0.05	20	0.01
SBL	1	1700	4	0.00	5	0.00
SBT	1	1700	0	0.00*	0	0.00*
SBR	0		5		5	
EBL	1	1700	7	0.00	4	0.00*
EBT	3	5100	1474	0.29*	943	0.18
EBR	1	1700	144	0.08	11	0.01
WBL	1	1700	58	0.03*	19	0.01
WBT	3	5100	684	0.13	1917	0.38*
WBR	0		3		6	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	220	0.11*	111	0.06*
SBT	0		0		0	
SBR	1.5	2550	330	0.11	216	0.06
EBL	1	1700	67	0.04*	393	0.23*
EBT	3	5100	1511	0.30	1275	0.25
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1836	0.36*	1385	0.27*
WBR	D	1700	54	0.03	219	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.61

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	96	0.04*	138	0.06*
NBR	0		27		59	
SBL	2	3400	402	0.12*	782	0.23*
SBT	1	1700	91	0.05	116	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	49	0.03*	63	0.04*
WBT	0		0		0	
WBR	2	3400	1272	0.37	420	0.12
Adjustment			WBR	0.25		
Overlaps					Clearance	0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	148	0.09*	258	0.15*
NBT	3	3400	320	0.09	897	0.20
NBR	0	1700	165	0.10	110	
SBL	1	1700	4	0.00	2	0.00
SBT	3	5100	1159	0.30*	348	0.10*
SBR	0		381		410	0.24
EBL	1	1700	525	0.31*	389	0.23*
EBT	1	1700	196	0.20	244	0.27
EBR	0		144		216	
WBL	1	1700	88	0.05	26	0.02
WBT	1	1700	233	0.14*	146	0.09*
WBR	0		3		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.89		0.62

595 - Skyhawk @ Great Park Blvd
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	130	
NBT	2	1700	0		0	0.08*
NBR	0	1700	262	0.15	473	0.28
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	906	0.27	863	0.27
EBR	0		0		43	
WBL	0		233		199	
WBT	2	3400	719	0.28*	1090	0.38*
WBR	0		0		0	
Adjustment			NBR	0.14	NBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.47		0.63

637 - Sterling @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	91	0.05*
NBT	1	1700	66	0.04*	9	0.03
NBR	0		5		42	
SBL	1	1700	9	0.01*	69	0.04
SBT	1	1700	4	0.01	92	0.08*
SBR	0		12		37	
EBL	1	1700	69	0.04*	3	0.00
EBT	2	3400	329	0.12	941	0.31*
EBR	0		85		116	
WBL	1	1700	4	0.00	15	0.01*
WBT	2	3400	517	0.17*	347	0.10
WBR	0		53		9	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.50

640 - Thomas @ Muirlands Bl.
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	34	0.02*	76	0.04*
NBT	1	1700	29	0.02	8	0.00
NBR	D	1700	4	0.00	21	0.01
SBL	1	1700	14	0.01	26	0.02
SBT	1	1700	10	0.01*	18	0.01*
SBR	D	1700	4	0.00	53	0.03
EBL	1	1700	22	0.01*	3	0.00
EBT	2	3400	198	0.06	970	0.29*
EBR	D	1700	95	0.06	79	0.05
WBL	1	1700	49	0.03	1	0.00*
WBT	2	3400	616	0.18*	334	0.10
WBR	D	1700	15	0.01	2	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.39

641 - Thomas @ Rockfield
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	36	0.02*	303	0.18*
SBT	1	1700	0	0.01	0	0.01
SBR	0		9		23	
EBL	1	1700	51	0.03*	62	0.04*
EBT	2	3400	11	0.00	81	0.02
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	146	0.09*	77	0.03*
WBR	0	1700	254	0.15	31	
Adjustment			WBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.23		0.30

655 - Ridge Valley @ Corsair
Buildout Pending No Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	43	0.03
NBT	2	3400	67	0.03	568	0.21*
NBR	0		38		139	
SBL	1	1700	17	0.01	34	0.02*
SBT	2	3400	402	0.12*	154	0.05
SBR	D	1700	17	0.01	0	
EBL	1	1700	11	0.01	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		80		23	
WBL	1	1700	93	0.05*	77	0.05*
WBT	1	1700	0		1	0.00
WBR	1	1700	26	0.02	19	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

ITAM ICU Intersection Report
Buildout Pending Plus Project

16 - Newport Av. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	128	0.08*	154	0.09
NBT	3	5100	449	0.09	891	0.17*
NBR	1	1700	222	0.13	421	0.25
SBL	1	1700	131	0.08	121	0.07*
SBT	3	5100	1297	0.25*	471	0.09
SBR	D	1700	178	0.10	241	0.14
EBL	2	3400	94	0.03	207	0.06
EBT	3	5100	849	0.17*	1141	0.22*
EBR	D	1700	67	0.04	87	0.05
WBL	2	3400	427	0.13*	156	0.05*
WBT	3	5100	1139	0.22	1021	0.20
WBR	D	1700	19	0.01	17	0.01

Adjustment			NBR	0.03
Overlaps	N		Clearance	0.05
Total ICU		0.68		0.59

34 - Red Hill Av. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	149	0.04	494	0.15
NBT	1	1700	145	0.09*	344	0.20*
NBR	1	1700	213	0.13	241	0.14
SBL	2	3400	307	0.09*	205	0.06*
SBT	2	3400	322	0.09	140	0.04
SBR	D	1700	65	0.04	36	0.02
EBL	1	1700	19	0.01	46	0.03
EBT	3	5100	1158	0.26*	1769	0.38*
EBR	0		168		145	
WBL	1	1700	342	0.20*	388	0.23*
WBT	3	5100	1960	0.41	2570	0.54
WBR	0		133		159	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.69		0.92

54 - Browning Av. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	79	0.05*	140	0.08*
NBT	1	1700	99	0.06	72	0.04
NBR	1	1700	52	0.03	182	0.11
SBL	0		57		61	
SBT	1	1700	111	0.10*	24	0.05*
SBR	D	1700	67	0.04	29	0.02
EBL	1	1700	47	0.03*	16	0.01*
EBT	3	5100	1820	0.39	1939	0.39
EBR	0		175		41	
WBL	1	1700	116	0.07	126	0.07
WBT	3	5100	2347	0.47*	2736	0.55*
WBR	0		65		66	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.70		0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	356	0.10*	819	0.24*
NBT	3	5100	628	0.12	860	0.17
NBR	1	1700	242	0.14	275	0.16
SBL	2	3400	248	0.07	119	0.04
SBT	3	5100	1485	0.29*	432	0.08*
SBR	1	1700	606	0.36	448	0.26
EBL	2	3400	211	0.06*	456	0.13*
EBT	3	5100	1016	0.20	1351	0.26
EBR	1	1700	678	0.40	359	0.21
WBL	2	3400	384	0.11	96	0.03
WBT	3	5100	1559	0.31*	1659	0.33*
WBR	1	1700	165	0.10	206	0.12

Adjustment			Multi	0.07	SBR	0.05
Overlaps	N S				Clearance	0.05
Total ICU				0.88		0.88

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	133	0.08*	29	0.02
NBT	3	5100	392	0.08	2688	0.53*
NBR	1	1700	10	0.01	5	0.00
SBL	1	1700	18	0.01	0	*
SBT	3	5100	2556	0.50*	596	0.12
SBR	1	1700	507	0.30	79	0.05
EBL	2	3400	92	0.03*	353	0.10*
EBT	1	1700	11	0.01	2	0.00
EBR	1	1700	20	0.01	5	0.00
WBL	1	1700	9	0.01	27	0.02
WBT	1	1700	4	0.00*	23	0.01*
WBR	1	1700	9	0.01	50	0.03

Adjustment			WBR	0.02
Overlaps			Clearance	0.05
Total ICU		0.66		0.71

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	161	0.05
NBT	3	5100	241	0.05	1450	0.28*
NBR	F		134		247	
SBL	2	3400	585	0.17	337	0.10*
SBT	3	5100	1746	0.34*	390	0.08
SBR	D	1700	12	0.01	18	0.01
EBL	1	1700	14	0.01	40	0.02*
EBT	2	3400	252	0.07*	419	0.12
EBR	D	1700	111	0.07	106	0.06
WBL	1	1700	304	0.18*	162	0.10
WBT	2	3400	522	0.15	985	0.29*
WBR	2	3400	241	0.07	1304	0.38

Adjustment			WBR	0.01
Overlaps			Clearance	0.05
Total ICU		0.66		0.75

125 - Jamboree Rd. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	199	0.06*	444	0.13
NBT	3	5100	458	0.09	1765	0.35*
NBR	1	1700	123	0.07	526	0.31
SBL	2	3400	390	0.11	253	0.07*
SBT	4	6800	2642	0.42*	709	0.12
SBR	0		224		79	
EBL	2	3400	134	0.04	343	0.10*
EBT	3	5100	843	0.17*	1418	0.28
EBR	1	1700	352	0.21	301	0.18
WBL	2	3400	627	0.18*	315	0.09
WBT	3	5100	1448	0.28	1529	0.30*
WBR	D	1700	220	0.13	456	0.27

Adjustment
Overlaps Clearance 0.05

Total ICU 0.88 0.87

126 - Jamboree Rd. @ Bryan Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	337	0.10
NBT	4	6800	530	0.08	2178	0.32*
NBR	1	1700	81	0.05	386	0.23
SBL	2	3400	120	0.04	174	0.05*
SBT	4	6800	2722	0.40*	948	0.14
SBR	D	1700	118	0.07	248	0.15
EBL	2	3400	78	0.02	315	0.09*
EBT	2	3400	240	0.07*	556	0.16
EBR	D	1700	247	0.15	213	0.13
WBL	2	3400	491	0.14*	279	0.08
WBT	2	3400	442	0.13	865	0.25*
WBR	1	1700	72	0.04	278	0.16

Adjustment EBR 0.06
Overlaps Clearance 0.05

Total ICU 0.74 0.76

127 - Jamboree Rd. @ El Camino Real
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05*	641	0.19
NBT	4	6800	691	0.10	2391	0.35*
NBR	1	1700	598	0.35	390	0.23
SBL	1	1700	268	0.16	80	0.05*
SBT	4	6800	2996	0.44*	1023	0.15
SBR	1	1700	113	0.07	254	0.15
EBL	1	1700	57	0.03	306	0.18*
EBT	1	1700	173	0.10*	200	0.12
EBR	2	3400	246	0.07	399	0.12
WBL	2	3400	434	0.13*	518	0.15
WBT	2	3400	141	0.07	338	0.16*
WBR	0		104		197	

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.77 0.79

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1153	0.17	2607	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2972	0.44*	1566	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1105	0.33*	469	0.28*
WBT	0		0		0	
WBR	1.5	1700	360	0.21	1040	0.31

Adjustment WBR 0.03
Overlaps Clearance 0.05

Total ICU 0.82 0.74

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1158	0.17	2411	0.35*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3210	0.47*	1503	0.22
SBR	F		0		0	
EBL	2	3400	496	0.15*	612	0.18*
EBT	0		0		0	
EBR	2	3400	649	0.19	632	0.19
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment EBR 0.04
Overlaps Clearance 0.05

Total ICU 0.71 0.58

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	460	0.14	311	0.09
SBT	2	3400	919	0.27*	471	0.14*
SBR	1	1700	367	0.22	198	0.12
EBL	0		0		0	
EBT	3	5100	515	0.10*	711	0.14*
EBR	1	1700	271	0.16	443	0.26
WBL	2	3400	503	0.15*	417	0.12*
WBT	3	5100	647	0.13	1329	0.26
WBR	0		0		0	

Adjustment EBR 0.06 EBR 0.12
Overlaps Clearance 0.05

Total ICU 0.63 0.57

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	292	0.09	435	0.13
NBT	2	3400	330	0.10*	566	0.17*
NBR	D	1700	189	0.11	711	0.42
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	106	0.03*	212	0.06*
EBT	3	5100	842	0.17	808	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	881	0.17*	1348	0.26*
WBR	1	1700	344	0.20	470	0.28
Adjustment			WBR	0.03	Multi	0.15
Overlaps					Clearance	0.05
Total ICU				0.38		0.69

133 - Jamboree Rd. @ Edinger Av.
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	102	0.03	347	0.10*
NBT	0		0	*	0	
NBR	1	1700	55	0.03	246	0.14
SBL	2	3400	197	0.06*	274	0.08
SBT	0		0		0	*
SBR	F		782		494	
EBL	2	3400	276	0.08*	546	0.16*
EBT	3	5100	786	0.18	1402	0.30
EBR	0		126		149	
WBL	2	3400	225	0.07	127	0.04
WBT	3	5100	1366	0.27*	1600	0.31*
WBR	1	1700	226	0.13	201	0.12
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		8		4	
SBT	1	1700	0	0.00*	0	0.00*
SBR	1	1700	20	0.01	139	0.08
EBL	1	1700	332	0.20*	877	0.52*
EBT	2	3400	513	0.15	907	0.27
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	493	0.14*	944	0.28*
WBR	D	1700	206	0.12	176	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.85

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	299	0.09*	523	0.15
NBT	5	8500	779	0.09	2975	0.35*
NBR	1	1700	157	0.09	147	0.09
SBL	2	3400	394	0.12	290	0.09*
SBT	4	6800	2758	0.41*	1171	0.17
SBR	F		1857		465	
EBL	3	5100	219	0.04*	1238	0.24*
EBT	2	3400	624	0.18	887	0.26
EBR	1	1700	182	0.11	310	0.18
WBL	2	3400	185	0.05	141	0.04
WBT	3	5100	1003	0.20*	973	0.19*
WBR	F		161		733	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.79		0.92

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	239	0.14*	97	0.06*
SBT	0		0		0	
SBR	2	3400	95	0.03	28	0.01
EBL	0		0		0	*
EBT	3	5100	915	0.18*	1039	0.20
EBR	1	1700	110	0.06	29	0.02
WBL	2	3400	193	0.06*	81	0.02
WBT	3	5100	848	0.17	2458	0.48*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.59

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	10	0.01*	92	0.05*
NBT	0		0		0	
NBR	0.5	1700	52	0.03	170	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	17	0.01	32	0.01*
EBT	3	5100	1108	0.22*	1091	0.21
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1069	0.21	2456	0.48*
WBR	1	1700	125	0.07	113	0.07
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.30		0.59

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	32	0.01*	26	0.01*
SBT	0		0		0	
SBR	1	1700	193	0.11	86	0.05
EBL	0		0	*	0	*
EBT	3	5100	995	0.20	1778	0.35
EBR	D	1700	93	0.05	74	0.04
WBL	2	3400	411	0.12	76	0.02
WBT	3	5100	2037	0.40*	2255	0.44*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.56		0.54

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	205	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	39	0.01	351	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	49	0.03*	94	0.06*
EBT	3	5100	832	0.16	1512	0.30
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1977	0.39*	2036	0.40*
WBR	1	1700	58	0.03	54	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.62

218 - Culver Dr. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	123	0.04*	367	0.11*
NBT	2	3400	142	0.04	205	0.06
NBR	1	1700	206	0.12	274	0.16
SBL	2	3400	97	0.03	126	0.04
SBT	2	3400	318	0.09*	212	0.06*
SBR	1	1700	135	0.08	131	0.08
EBL	2	3400	105	0.03	145	0.04*
EBT	3	5100	787	0.15*	722	0.14
EBR	1	1700	260	0.15	170	0.10
WBL	2	3400	316	0.09*	185	0.05
WBT	3	5100	709	0.14	1972	0.39*
WBR	1	1700	72	0.04	91	0.05
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.42		0.65

220 - Culver Dr. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	136	0.04*	287	0.08
NBT	3	5100	462	0.09	1031	0.20*
NBR	1	1700	190	0.11	542	0.32
SBL	2	3400	223	0.07	241	0.07*
SBT	3	5100	1275	0.25*	605	0.12
SBR	D	1700	199	0.12	126	0.07
EBL	2	3400	83	0.02	201	0.06*
EBT	3	5100	558	0.11*	992	0.19
EBR	D	1700	210	0.12	151	0.09
WBL	2	3400	612	0.18*	344	0.10
WBT	3	5100	1123	0.22	1555	0.30*
WBR	D	1700	82	0.05	187	0.11
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.63		0.68

221 - Culver Dr. @ Bryan Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	213	0.06*	613	0.18
NBT	3	5100	690	0.14	1787	0.35*
NBR	1	1700	188	0.11	414	0.24
SBL	2	3400	82	0.02	83	0.02*
SBT	3	5100	1987	0.39*	959	0.19
SBR	D	1700	223	0.13	133	0.08
EBL	2	3400	109	0.03	189	0.06*
EBT	1.5	2550	222	0.10*	504	0.18
EBR	1.5	2550	280	0.10	416	0.18
WBL	2	3400	403	0.12*	215	0.06
WBT	2	3400	380	0.14	583	0.20*
WBR	0		105		92	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.72		0.68

222 - Culver Dr. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	782	0.15	2239	0.44*
NBR	F		673		1082	
SBL	1	1700	112	0.07	127	0.07*
SBT	3	5100	2013	0.39*	1204	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	898	0.26*	742	0.22*
WBT	0		0		0	
WBR	2	3400	335	0.10	791	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.78

223 - Culver Dr. @ I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1086	0.16	2243	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2290	0.45*	1568	0.31
SBR	F		0		0	
EBL	3	5100	430	0.08*	1083	0.21*
EBT	0		0		0	
EBR	2	3400	532	0.16	706	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.66		0.59

224 - Culver Dr. @ Walnut Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	129	0.04*	242	0.07
NBT	3	5100	836	0.16	1546	0.30*
NBR	1	1700	295	0.17	340	0.20
SBL	2	3400	163	0.05	253	0.07*
SBT	3	5100	1794	0.35*	1259	0.25
SBR	1	1700	514	0.30	375	0.22
EBL	2	3400	348	0.10*	608	0.18*
EBT	2	3400	434	0.13	713	0.21
EBR	1	1700	149	0.09	139	0.08
WBL	2	3400	364	0.11	347	0.10
WBT	2	3400	652	0.19*	742	0.22*
WBR	1	1700	273	0.16	233	0.14
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.73		0.82

226 - Culver Dr. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	242	0.07*	251	0.07
NBT	4	6800	732	0.11	1424	0.21*
NBR	F		421		583	
SBL	2	3400	216	0.06	313	0.09*
SBT	4	6800	1822	0.27*	1165	0.17
SBR	1	1700	212	0.12	166	0.10
EBL	2	3400	114	0.03	217	0.06*
EBT	3	5100	920	0.18*	1176	0.23
EBR	F		284		320	
WBL	2	3400	536	0.16*	394	0.12
WBT	3	5100	1239	0.24	2079	0.41*
WBR	F		169		282	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.82

227 - Culver Dr. @ Warner Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	42	0.02*	150	0.09
NBT	3	5100	880	0.17	2160	0.42*
NBR	1	1700	106	0.06	228	0.13
SBL	1	1700	134	0.08	141	0.08*
SBT	3	5100	2294	0.45*	1565	0.31
SBR	D	1700	131	0.08	238	0.14
EBL	2	3400	171	0.05	159	0.05
EBT	2	3400	248	0.07*	272	0.08*
EBR	D	1700	136	0.08	145	0.09
WBL	1	1700	215	0.13*	86	0.05*
WBT	2	3400	289	0.09	217	0.06
WBR	D	1700	230	0.14	138	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.68

228 - Culver Dr. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	207	0.06*	272	0.08
NBT	3	5100	753	0.15	1651	0.32*
NBR	1	1700	266	0.16	249	0.15
SBL	2	3400	365	0.11	188	0.06*
SBT	3	5100	1856	0.36*	1278	0.25
SBR	F		414		353	
EBL	2	3400	166	0.05	700	0.21*
EBT	2	3400	662	0.19*	968	0.28
EBR	1	1700	242	0.14	396	0.23
WBL	2	3400	184	0.05*	208	0.06
WBT	3	5100	838	0.19	950	0.22*
WBR	0		106		188	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.86

229 - Culver Dr. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	194	0.06
NBT	4	6800	1075	0.16	1978	0.29*
NBR	1	1700	261	0.15	431	0.25
SBL	2	3400	109	0.03	268	0.08*
SBT	3	5100	1860	0.36*	1233	0.24
SBR	F		299		345	
EBL	2	3400	156	0.05*	258	0.08*
EBT	3	5100	448	0.13	869	0.21
EBR	0		200		184	
WBL	2	3400	331	0.10	296	0.09
WBT	2	3400	711	0.21*	782	0.23*
WBR	1	1700	212	0.12	292	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.73

232 - Culver Dr. @ I-405 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1344	0.26	2416	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1732	0.34*	1560	0.31
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	711	0.21*	722	0.21*
WBT	0		0		0	
WBR	1.5	1700	198	0.12	333	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.73

233 - Culver Dr. @ I-405 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1470	0.29	1744	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1904	0.37*	1650	0.32
SBR	F		0		0	
EBL	1.5	3400	741	0.22*	963	0.28*
EBT	0		0		0	
EBR	1.5	1700	322	0.19	377	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.67

235 - Culver Dr. @ University Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	49	0.01*
NBT	4	6800	1041	0.15	1416	0.21
NBR	2	3400	686	0.20	896	0.26
SBL	2	3400	64	0.02	79	0.02
SBT	3	5100	1165	0.23*	1205	0.24*
SBR	D	1700	369	0.22	183	0.11
EBL	2	3400	75	0.02	285	0.08
EBT	3	5100	1080	0.21*	1461	0.29*
EBR	D	1700	61	0.04	55	0.03
WBL	2	3400	821	0.24*	696	0.20*
WBT	3	5100	1474	0.30	756	0.16
WBR	0		78		76	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.75		0.79

243 - Yale Av. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04	57	0.03
NBT	2	1700	111	0.07*	47	0.03*
NBR	0	1700	195	0.11	140	0.08
SBL	1	1700	144	0.08*	108	0.06*
SBT	1	1700	70	0.04	45	0.03
SBR	D	1700	130	0.08	118	0.07
EBL	1	1700	108	0.06	107	0.06*
EBT	3	5100	892	0.17*	935	0.18
EBR	D	1700	53	0.03	81	0.05
WBL	1	1700	270	0.16*	163	0.10
WBT	3	5100	993	0.19	2013	0.39*
WBR	D	1700	189	0.11	102	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.59

249 - Yale Av. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	117	0.07*	227	0.13*
NBT	2	3400	253	0.07	235	0.07
NBR	D	1700	101	0.06	89	0.05
SBL	2	3400	264	0.08	149	0.04
SBT	2	3400	356	0.10*	142	0.04*
SBR	D	1700	390	0.23	179	0.11
EBL	1	1700	125	0.07*	340	0.20*
EBT	3	5100	700	0.15	1266	0.28
EBR	0		86		164	
WBL	1	1700	131	0.08	74	0.04
WBT	3	5100	1168	0.27*	1710	0.38*
WBR	0		209		205	
Adjustment			SBR	0.08		
Overlaps				Clearance		0.05
Total ICU				0.64		0.80

252 - Yale Av. @ Bryan Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	137	0.08*
NBT	2	3400	234	0.07	398	0.12
NBR	D	1700	66	0.04	104	0.06
SBL	1	1700	34	0.02	72	0.04
SBT	2	3400	397	0.12*	288	0.08*
SBR	D	1700	41	0.02	54	0.03
EBL	1	1700	28	0.02*	78	0.05*
EBT	2	3400	241	0.07	624	0.18
EBR	D	1700	66	0.04	70	0.04
WBL	1	1700	87	0.05	58	0.03
WBT	2	3400	442	0.13*	642	0.19*
WBR	D	1700	27	0.02	70	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.45

255 - Yale Av. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	132	0.08*	115	0.07
NBT	2	3400	303	0.09	637	0.19*
NBR	D	1700	80	0.05	216	0.13
SBL	1	1700	136	0.08	110	0.06*
SBT	2	3400	457	0.13*	347	0.10
SBR	D	1700	241	0.14	79	0.05
EBL	1	1700	56	0.03*	172	0.10*
EBT	2	3400	214	0.06	470	0.14
EBR	D	1700	53	0.03	117	0.07
WBL	1	1700	167	0.10	81	0.05
WBT	2	3400	486	0.14*	380	0.11*
WBR	D	1700	85	0.05	151	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.51

259 - Yale Av. @ Walnut Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	187	0.06*	231	0.07
NBT	2	3400	244	0.11	704	0.27*
NBR	0		143		227	
SBL	1	1700	93	0.05	126	0.07*
SBT	2	3400	576	0.17*	270	0.08
SBR	1	1700	313	0.18	263	0.15
EBL	1	1700	200	0.12*	424	0.25*
EBT	2	3400	413	0.12	583	0.17
EBR	D	1700	308	0.18	154	0.09
WBL	1	1700	171	0.10	79	0.05
WBT	2	3400	470	0.14*	605	0.18*
WBR	D	1700	68	0.04	183	0.11
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.54		0.82

261 - Yale Av. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	174	0.10	162	0.10
NBT	2	3400	142	0.04*	343	0.10*
NBR	D	1700	265	0.16	239	0.14
SBL	1	1700	335	0.20*	154	0.09*
SBT	2	3400	351	0.10	141	0.04
SBR	D	1700	499	0.29	112	0.07
EBL	2	3400	167	0.05	382	0.11*
EBT	3	5100	1257	0.28*	1512	0.33
EBR	0		147		166	
WBL	1	1700	179	0.11*	174	0.10
WBT	3	5100	1198	0.23	2385	0.47*
WBR	1	1700	171	0.10	434	0.26
Adjustment			Multi	0.07		
Overlaps				Clearance		0.05
Total ICU				0.75		0.82

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	114	0.07	109	0.06
NBT	2	3400	129	0.04*	222	0.07*
NBR	D	1700	102	0.06	78	0.05
SBL	1	1700	234	0.14*	83	0.05*
SBT	2	3400	232	0.07	120	0.04
SBR	D	1700	244	0.14	77	0.05
EBL	2	3400	62	0.02	146	0.04*
EBT	2	3400	1041	0.31*	1147	0.34
EBR	D	1700	54	0.03	65	0.04
WBL	1	1700	64	0.04*	57	0.03
WBT	2	3400	790	0.26	1198	0.40*
WBR	0		78		173	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.61

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04	166	0.10
NBT	2	3400	134	0.04*	313	0.09*
NBR	D	1700	243	0.14	271	0.16
SBL	1	1700	323	0.19*	141	0.08*
SBT	2	3400	492	0.14	178	0.05
SBR	D	1700	123	0.07	77	0.05
EBL	1	1700	87	0.05	122	0.07*
EBT	2	3400	748	0.22*	960	0.28
EBR	D	1700	127	0.07	137	0.08
WBL	1	1700	290	0.17*	130	0.08
WBT	2	3400	912	0.27	1111	0.33*
WBR	D	1700	225	0.13	312	0.18
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.62

268 - W. Yale Loop @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	218	0.13*	110	0.06*
NBT	2	3400	233	0.07	155	0.05
NBR	D	1700	304	0.18	189	0.11
SBL	1	1700	35	0.02	39	0.02
SBT	2	3400	154	0.05*	148	0.04*
SBR	D	1700	124	0.07	117	0.07
EBL	1	1700	68	0.04*	53	0.03
EBT	2	3400	674	0.20	1314	0.39*
EBR	D	1700	84	0.05	191	0.11
WBL	1	1700	71	0.04	211	0.12*
WBT	2	3400	961	0.28*	1135	0.33
WBR	D	1700	68	0.04	63	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.66

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	197	0.12*	156	0.09*
NBT	2	3400	346	0.10	312	0.09
NBR	D	1700	644	0.38	346	0.20
SBL	2	3400	229	0.07	163	0.05
SBT	2	3400	377	0.11*	205	0.06*
SBR	D	1700	182	0.11	104	0.06
EBL	1	1700	101	0.06	232	0.14
EBT	2	3400	709	0.29*	1103	0.38*
EBR	0		262		193	
WBL	2	3400	375	0.11*	528	0.16*
WBT	2	3400	955	0.28	1117	0.33
WBR	D	1700	133	0.08	166	0.10

Adjustment NBR 0.14
Overlaps Clearance 0.05

Total ICU 0.82 0.74

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	485	0.14*	732	0.22*
NBT	2	3400	58	0.02	182	0.05
NBR	1	1700	251	0.15	355	0.21
SBL	2	3400	306	0.09	129	0.04
SBT	3	3400	263	0.08*	48	0.01*
SBR	0	1700	593	0.35	267	0.16
EBL	2	3400	192	0.06	412	0.12*
EBT	3	5100	830	0.16*	804	0.16
EBR	1	1700	713	0.42	298	0.18
WBL	2	3400	445	0.13*	251	0.07
WBT	3	5100	1004	0.20	1397	0.27*
WBR	D	1700	120	0.07	348	0.20

Adjustment Multi 0.32 SBR 0.06
Overlaps E Clearance 0.05

Total ICU 0.88 0.73

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	139	0.04*	346	0.10
NBT	3	5100	498	0.10	1133	0.22*
NBR	F		188		363	
SBL	2	3400	231	0.07	150	0.04*
SBT	3	5100	956	0.19*	456	0.09
SBR	1	1700	228	0.13	155	0.09
EBL	2	3400	89	0.03	267	0.08*
EBT	3	5100	664	0.13*	983	0.19
EBR	D	1700	187	0.11	163	0.10
WBL	2	3400	466	0.14*	207	0.06
WBT	3	5100	1112	0.22	1511	0.30*
WBR	D	1700	195	0.11	272	0.16

Adjustment
Overlaps Clearance 0.05

Total ICU 0.55 0.69

284 - Jeffrey Rd. @ Bryan Av.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	85	0.03*	603	0.18
NBT	3	5100	589	0.12	1510	0.30*
NBR	D	1700	72	0.04	253	0.15
SBL	2	3400	42	0.01	42	0.01*
SBT	3	5100	1344	0.26*	626	0.12
SBR	1	1700	232	0.14	192	0.11
EBL	1	1700	153	0.09*	267	0.16*
EBT	0.5	850	102	0.08	291	0.17
EBR	1.5	2550	161	0.08	219	0.13
WBL	2	3400	309	0.09	111	0.03
WBT	1	1700	217	0.13*	200	0.12*
WBR	D	1700	113	0.07	53	0.03

Adjustment
Overlaps Clearance 0.05

Total ICU 0.56 0.64

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	75	0.02*	233	0.07
NBT	3	5100	613	0.12	2059	0.40*
NBR	1	1700	144	0.08	303	0.18
SBL	2	3400	259	0.08	85	0.03*
SBT	4	6800	1529	0.22*	809	0.12
SBR	1	1700	176	0.10	114	0.07
EBL	2	3400	78	0.02	225	0.07*
EBT	2	3400	213	0.06*	324	0.10
EBR	1	1700	163	0.10	125	0.07
WBL	2	3400	309	0.09*	215	0.06
WBT	2	3400	351	0.10	348	0.10*
WBR	1	1700	90	0.05	156	0.09

Adjustment EBR 0.02
Overlaps Clearance 0.05

Total ICU 0.46 0.65

286 - Jeffrey Rd. @ Roosevelt
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	227	0.07*	465	0.14
NBT	4	6800	488	0.07	2285	0.34*
NBR	1	1700	197	0.12	689	0.41
SBL	1	1700	71	0.04	118	0.07*
SBT	3	5100	1837	0.36*	918	0.18
SBR	D	1700	79	0.05	149	0.09
EBL	1	1700	39	0.02	209	0.12
EBT	1	1700	98	0.06*	237	0.14*
EBR	2	3400	330	0.10	432	0.13
WBL	2	3400	962	0.28*	363	0.11*
WBT	1	1700	252	0.15	180	0.11
WBR	1	1700	361	0.21	193	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.82 0.71

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	619	0.12	2345	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2263	0.44*	1236	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	827	0.24*	620	0.29*
WBT	0		0		0	
WBR	1.5	1700	361	0.21	849	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.80

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03*	270	0.08
NBT	3	5100	602	0.12	1503	0.29*
NBR	1	1700	312	0.18	492	0.29
SBL	2	3400	882	0.26	503	0.15*
SBT	3	5100	1975	0.45*	1094	0.32
SBR	0		332		578	0.34
EBL	2	3400	99	0.03	340	0.10
EBT	1.5	3400	551	0.16*	579	0.17*
EBR	1.5	1700	188	0.11	216	0.13
WBL	2	3400	453	0.13*	680	0.20*
WBT	1	1700	60	0.04	236	0.14
WBR	2	3400	216	0.06	909	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.86

289 - Jeffrey Rd. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	180	0.05*	404	0.12*
NBT	4	6800	553	0.08	1405	0.21
NBR	1	1700	158	0.09	201	0.12
SBL	3	5100	176	0.03	131	0.03
SBT	4	6800	1773	0.32*	907	0.18*
SBR	0		416		509	0.30
EBL	2	3400	245	0.07	403	0.12*
EBT	3	5100	1270	0.25*	1084	0.21
EBR	F		346		285	
WBL	2	3400	237	0.07*	114	0.03
WBT	4	6800	948	0.14	1953	0.29*
WBR	1	1700	185	0.11	275	0.16
Adjustment					SBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.74		0.79

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	156	0.05*	235	0.07
NBT	3	5100	886	0.17	1445	0.28*
NBR	D	1700	313	0.18	282	0.17
SBL	2	3400	123	0.04	136	0.04*
SBT	3	5100	1797	0.35*	1213	0.24
SBR	D	1700	308	0.18	223	0.13
EBL	2	3400	249	0.07*	357	0.11*
EBT	2	3400	847	0.25	781	0.23
EBR	D	1700	244	0.14	231	0.14
WBL	2	3400	234	0.07	627	0.18
WBT	2	3400	947	0.28*	1097	0.32*
WBR	1	1700	90	0.05	194	0.11
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.80

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	393	0.12*	465	0.14*
NBT	3	5100	940	0.18	1472	0.29
NBR	1	1700	237	0.14	368	0.22
SBL	2	3400	181	0.05	360	0.11
SBT	3	5100	2050	0.40*	1490	0.29*
SBR	D	1700	148	0.09	282	0.17
EBL	2	3400	245	0.07*	275	0.08*
EBT	2	3400	787	0.23	994	0.29
EBR	1	1700	586	0.34	353	0.21
WBL	3	5100	439	0.09	440	0.09
WBT	2	3400	959	0.28*	1095	0.32*
WBR	D	1700	112	0.07	162	0.10
Adjustment						
Overlaps	N E			Clearance		0.05
Total ICU				0.92		0.88

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	984	0.19	1947	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2084	0.41*	1631	0.32
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1298	0.25*	892	0.17*
WBT	0		0		0	
WBR	1	1700	145	0.09	488	0.29
Adjustment					WBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.71		0.72

294 - University Dr. @ I-405 SB Ramps
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1153	0.23	1653	0.32
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2779	0.54*	2008	0.39*
SBR	F		0		0	
EBL	2	3400	243	0.07*	295	0.09*
EBT	0		0		0	
EBR	1	1700	101	0.06	93	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.53

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	309	0.09*	884	0.26*
NBT	1	1700	2	0.00	1	0.00
NBR	1	1700	235	0.14	591	0.35
SBL	0		2		3	
SBT	1	1700	1	0.00*	1	0.01*
SBR	0		3		5	
EBL	1	1700	8	0.00	1	0.00*
EBT	2	3400	767	0.23*	642	0.19
EBR	F		508		267	
WBL	2	3400	405	0.12*	249	0.07
WBT	2	3400	803	0.24	898	0.26*
WBR	0		6		1	
Adjustment					NBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.49		0.61

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	122	0.04	208	0.06
NBT	3	5100	386	0.08*	852	0.17*
NBR	2	3400	442	0.13	359	0.11
SBL	2	3400	318	0.09*	293	0.09*
SBT	3	5100	586	0.11	439	0.09
SBR	D	1700	130	0.08	174	0.10
EBL	2	3400	93	0.03	273	0.08*
EBT	4	6800	917	0.13*	952	0.14
EBR	1	1700	148	0.09	81	0.05
WBL	2	3400	696	0.20*	308	0.09
WBT	3	5100	1122	0.22	1328	0.26*
WBR	1	1700	311	0.18	413	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.65

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	20	0.01*	92	0.03
NBT	3	5100	534	0.10	1571	0.31*
NBR	F		379		622	
SBL	2	3400	274	0.08	235	0.07*
SBT	3	5100	1251	0.25*	639	0.13
SBR	1	1700	294	0.17	152	0.09
EBL	2	3400	170	0.05	152	0.04
EBT	3	5100	362	0.07*	392	0.08*
EBR	F		61		54	
WBL	2	3400	586	0.17*	258	0.08*
WBT	3	5100	599	0.12	427	0.08
WBR	D	1700	259	0.15	239	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.59

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	315	0.09	339	0.10
NBT	4	6800	636	0.09*	1268	0.19*
NBR	1	1700	591	0.35	756	0.44
SBL	2	3400	687	0.20*	555	0.16*
SBT	4	6800	994	0.15	394	0.06
SBR	1	1700	92	0.05	62	0.04
EBL	2	3400	191	0.06	558	0.16
EBT	2	3400	356	0.10*	666	0.20*
EBR	1	1700	257	0.15	236	0.14
WBL	2	3400	1417	0.42*	858	0.25*
WBT	2	3400	522	0.15	543	0.16
WBR	1	1700	263	0.15	507	0.30
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.86		0.85

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1724	0.25	2729	0.40*
NBR	D	1700	187	0.11	531	0.31
SBL	0		190		434	*
SBT	4	6800	2399	0.38*	1172	0.24
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		233		247	
WBT	0		0	*	0	*
WBR	1	1700	334	0.33	240	0.29
Adjustment			WBR	0.23	WBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.66		0.74

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	943	0.14*	1712	0.25*
NBR	1	1700	75	0.04	377	0.22
SBL	2	3400	718	0.21*	440	0.13*
SBT	4	6800	1841	0.27	953	0.14
SBR	0		0		0	
EBL	2.5	3400	993	0.29*	1563	0.32*
EBT	0		0		0	
EBR	1.5	3400	1097	0.32	633	0.32
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.75

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	85	0.05*	220	0.13
NBT	3	5100	468	0.09	1420	0.28*
NBR	1	1700	183	0.11	100	0.06
SBL	2	3400	605	0.18	182	0.05*
SBT	3	5100	2386	0.47*	704	0.14
SBR	D	1700	326	0.19	148	0.09
EBL	2	3400	71	0.02*	297	0.09
EBT	1	1700	60	0.04	177	0.10*
EBR	D	1700	125	0.07	94	0.06
WBL	2	3400	187	0.06	272	0.08*
WBT	1	1700	204	0.12*	82	0.05
WBR	F		206		578	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.56

307 - Sand Canyon Av. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	110	0.03*	217	0.06
NBT	3	5100	458	0.09	863	0.17*
NBR	1	1700	74	0.04	32	0.02
SBL	2	3400	628	0.18	176	0.05*
SBT	3	5100	1485	0.29*	639	0.13
SBR	1	1700	708	0.42	372	0.22
EBL	2	3400	291	0.09*	461	0.14*
EBT	3	5100	828	0.16	730	0.14
EBR	1	1700	62	0.04	144	0.08
WBL	2	3400	50	0.01	129	0.04
WBT	3	5100	624	0.12*	1323	0.26*
WBR	1	1700	184	0.11	274	0.16
Adjustment			SBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.64		0.67

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	146	0.04*	159	0.05*
NBT	3	5100	1026	0.20	1026	0.20
NBR	D	1700	100	0.06	151	0.09
SBL	2	3400	48	0.01	116	0.03
SBT	3	5100	1360	0.27*	1053	0.21*
SBR	D	1700	215	0.13	327	0.19
EBL	2	3400	227	0.07*	149	0.04*
EBT	2	3400	608	0.18	659	0.19
EBR	1	1700	206	0.12	96	0.06
WBL	2	3400	200	0.06	229	0.07
WBT	2	3400	731	0.22*	1116	0.33*
WBR	1	1700	111	0.07	141	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.68

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	249	0.07	390	0.11*
NBT	3	5100	997	0.20*	645	0.13
NBR	2	3400	708	0.21	176	0.05
SBL	2	3400	287	0.08*	71	0.02
SBT	3	5100	930	0.18	1096	0.21*
SBR	1	1700	155	0.09	187	0.11
EBL	2	3400	150	0.04	164	0.05
EBT	3	5100	808	0.16*	764	0.15*
EBR	1	1700	241	0.14	401	0.24
WBL	2	3400	356	0.10*	800	0.24*
WBT	3	5100	1059	0.21	1051	0.21
WBR	1	1700	121	0.07	261	0.15
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.59		0.77

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1866	0.55*	952	0.28
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	502	0.15	1069	0.31*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	62	0.04*	153	0.09*
WBT	0		0		0	
WBR	F		206		305	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.45

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1176	0.35*	602	0.18
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	279	0.08	786	0.23*
SBR	F		0		0	
EBL	2	3400	1566	0.46*	649	0.19*
EBT	0		0		0	
EBR	1	1700	259	0.15	381	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.86		0.50

313 - Laguna Canyon Rd. @ ICD
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	53	0.02	119	0.04
NBT	2	3400	251	0.07*	188	0.06*
NBR	D	1700	14	0.01	31	0.02
SBL	2	3400	130	0.04*	270	0.08*
SBT	2	3400	237	0.07	267	0.08
SBR	D	1700	99	0.06	348	0.20
EBL	2	3400	326	0.10*	94	0.03*
EBT	3	5100	768	0.15	876	0.17
EBR	D	1700	126	0.07	179	0.11
WBL	2	3400	51	0.02	15	0.00
WBT	3	5100	932	0.18*	1148	0.23*
WBR	D	1700	202	0.12	162	0.10
Adjustment					SBR	0.08
Overlaps					Clearance	0.05
Total ICU				0.44		0.53

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	124	0.04*
NBT	2	3400	129	0.04	95	0.03
NBR	D	1700	19	0.01	168	0.10
SBL	2	3400	62	0.02	87	0.03
SBT	2	3400	163	0.05*	177	0.05*
SBR	D	1700	64	0.04	274	0.16
EBL	2	3400	75	0.02*	53	0.02*
EBT	2	3400	580	0.17	760	0.22
EBR	1	1700	86	0.05	112	0.07
WBL	2	3400	157	0.05	69	0.02
WBT	2	3400	1019	0.30*	1038	0.31*
WBR	D	1700	104	0.06	78	0.05
Adjustment					SBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.44		0.56

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	283	0.17*	230	0.14*
NBT	2	3400	182	0.05	148	0.04
NBR	D	1700	78	0.05	109	0.06
SBL	1	1700	20	0.01	119	0.07
SBT	2	3400	124	0.04*	244	0.07*
SBR	D	1700	36	0.02	120	0.07
EBL	2	3400	103	0.03*	20	0.01*
EBT	2	3400	790	0.23	872	0.26
EBR	1	1700	236	0.14	180	0.11
WBL	2	3400	167	0.05	93	0.03
WBT	2	3400	1413	0.42*	1156	0.34*
WBR	1	1700	42	0.02	35	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.61

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	136	0.08*	290	0.17*
SBT	0		0		0	
SBR	2	3400	244	0.07	199	0.06
EBL	0		0		0	*
EBT	4	6800	1481	0.22*	1618	0.24
EBR	D	1700	297	0.17	97	0.06
WBL	2	3400	443	0.13*	191	0.06
WBT	3	5100	1716	0.34	2093	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.63

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	183	0.11*	371	0.22*
NBT	0		0		0	
NBR	1	1700	34	0.02	276	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1607	0.32	2067	0.41
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	2015	0.42*	1952	0.41*
WBR	0		140		153	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.68

318 - Banting @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	32	0.01*	52	0.02*
NBT	1	1700	25	0.01	163	0.10
NBR	1	1700	22	0.01	178	0.10
SBL	2	3400	728	0.21	118	0.03
SBT	2	1700	510	0.30*	301	0.13*
SBR	0	1700	799	0.47	148	
EBL	1	1700	51	0.03*	237	0.14*
EBT	2	3400	467	0.14	997	0.29
EBR	D	1700	17	0.01	71	0.04
WBL	1	1700	22	0.01	46	0.03
WBT	2	3400	782	0.23*	919	0.27*
WBR	F		100		837	
Adjustment			SBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.77		0.61

319 - Banting @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00	6	0.00
NBT	1	1700	6	0.00*	43	0.03*
NBR	1	1700	13	0.01	70	0.04
SBL	2	3400	145	0.04*	289	0.09*
SBT	1	1700	61	0.04	6	0.00
SBR	1	1700	296	0.17	39	0.02
EBL	2	3400	32	0.01*	35	0.01*
EBT	2	3400	687	0.20	1184	0.35
EBR	D	1700	29	0.02	3	0.00
WBL	1	1700	59	0.03	11	0.01
WBT	2	3400	1612	0.47*	1227	0.36*
WBR	D	1700	129	0.08	250	0.15
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.69		0.54

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	922	0.18*	220	0.04
NBT	3	5100	2719	0.53	2845	0.56*
NBR	1	1700	8	0.00	14	0.01
SBL	2	3400	75	0.02	112	0.03*
SBT	3	5100	2061	0.40*	2662	0.52
SBR	1	1700	831	0.49	446	0.26
EBL	3	5100	288	0.06*	544	0.11*
EBT	1	1700	45	0.03	57	0.03
EBR	F		107		656	
WBL	1	1700	8	0.00	9	0.01
WBT	2	3400	145	0.04*	24	0.01*
WBR	D	1700	111	0.07	91	0.05
Adjustment			SBR	0.04	WBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.77		0.78

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	957	0.28*	1004	0.30
NBR	1	1700	312	0.18	123	0.07
SBL	1	1700	170	0.10*	250	0.15
SBT	3	5100	1413	0.28	2303	0.45*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	198	0.12*	66	0.04*
WBT	0		0		0	
WBR	1.5	3400	1544	0.45	946	0.28
Adjustment			WBR	0.25	WBR	0.13
Overlaps					Clearance	0.05
Total ICU				0.80		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1192	0.35*	936	0.28
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	900	0.26	936	0.28*
SBR	F		0		0	
EBL	0.5	1700	149	0.09*	206	0.12*
EBT	0		0		0	
EBR	1.5	1700	43	0.03	249	0.13
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.49		0.46

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	969	0.28*	1170	0.34*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	766	0.23	570	0.17
SBR	1	1700	49	0.03	47	0.03
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	224	0.13	149	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.46		0.48

325 - Portola Pkwy. @ SR-241 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	665	0.20*	957	0.28*
NBR	1.5	1700	0		4	0.00
SBL	1	1700	85	0.05*	148	0.09*
SBT	2	3400	499	0.15	436	0.13
SBR	0		0		0	
EBL	0.5	1700	90	0.05*	40	0.02*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.35 0.44

326 - Ada @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	90	0.05*	302	0.18*
NBT	2	3400	92	0.03	110	0.03
NBR	D	1700	94	0.06	225	0.13
SBL	2	3400	33	0.01	33	0.01
SBT	1	1700	130	0.08*	172	0.10*
SBR	1	1700	18	0.01	65	0.04
EBL	1	1700	10	0.01*	41	0.02
EBT	2	3400	480	0.14	1075	0.32*
EBR	D	1700	389	0.23	222	0.13
WBL	1	1700	216	0.13	94	0.06*
WBT	2	3400	1109	0.33*	705	0.21
WBR	1	1700	18	0.01	11	0.01

Adjustment
Overlaps Clearance 0.05

Total ICU 0.52 0.71

327 - Barranca Pkwy. @ Technology
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	474	0.14*	209	0.06
NBT	2	3400	809	0.24	952	0.28*
NBR	1	1700	476	0.28	1006	0.59
SBL	2	3400	71	0.02	213	0.06*
SBT	2	3400	1116	0.33*	832	0.24
SBR	1	1700	104	0.06	90	0.05
EBL	1	1700	53	0.03	206	0.12
EBT	1.5	2550	161	0.07*	394	0.18*
EBR	1.5	2550	197	0.07	547	0.18
WBL	2	3400	580	0.17*	571	0.17*
WBT	2	3400	433	0.13	245	0.07
WBR	D	1700	104	0.06	96	0.06

Adjustment NBR 0.18
Overlaps Clearance 0.05

Total ICU 0.76 0.92

328 - Barranca Pkwy. @ I-5 HOV Ramp
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	18	0.01	11	0.01
NBT	2	3400	1465	0.43*	1984	0.58*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1797	0.35	1656	0.32
SBR	D	1700	151	0.09	258	0.15
EBL	1	1700	263	0.15*	224	0.13*
EBT	0		0		0	
EBR	1	1700	32	0.02	3	0.00
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.63 0.76

329 - Barranca Pkwy. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	36	0.01
NBT	2	3400	831	0.24	1185	0.35*
NBR	1	1700	138	0.08	250	0.15
SBL	2	3400	215	0.06	296	0.09*
SBT	2	3400	1143	0.34*	1058	0.31
SBR	1	1700	510	0.30	345	0.20
EBL	2	3400	219	0.06*	484	0.14*
EBT	3	5100	633	0.12	1231	0.24
EBR	1	1700	95	0.06	233	0.14
WBL	2	3400	280	0.08	356	0.10
WBT	3	5100	1293	0.25*	1075	0.21*
WBR	1	1700	390	0.23	430	0.25

Adjustment
Overlaps Clearance 0.05

Total ICU 0.74 0.84

330 - Barranca Pkwy. @ Pacifica
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	157	0.09*	39	0.02*
NBT	2	3400	734	0.22	892	0.26
NBR	1	1700	389	0.23	465	0.27
SBL	1	1700	80	0.05	162	0.10
SBT	2	3400	1063	0.31*	1408	0.41*
SBR	D	1700	285	0.17	18	0.01
EBL	2	3400	8	0.00*	154	0.05
EBT	2	1700	14	0.01	113	0.07*
EBR	0	1700	20	0.01	267	0.16
WBL	2	3400	196	0.06	296	0.09*
WBT	1	1700	168	0.10*	31	0.02
WBR	1	1700	423	0.25	347	0.20

Adjustment WBR 0.01 EBR 0.07
Overlaps Clearance 0.05

Total ICU 0.56 0.71

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	190	0.06*	441	0.13*
NBT	2	3400	268	0.08	197	0.06
NBR	D	1700	21	0.01	20	0.01
SBL	2	3400	106	0.03	41	0.01
SBT	2	3400	262	0.08*	221	0.07*
SBR	D	1700	41	0.02	405	0.24
EBL	1	1700	452	0.27*	349	0.21*
EBT	2	3400	378	0.11	116	0.03
EBR	1	1700	395	0.23	405	0.24
WBL	1	1700	20	0.01	22	0.01
WBT	1	1700	68	0.04*	222	0.13*
WBR	1	1700	60	0.04	154	0.09
Adjustment					SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.50		0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	198	0.12*	286	0.17*
NBT	2	3400	24	0.01	118	0.03
NBR	F		266		435	
SBL	1	1700	219	0.13	111	0.07
SBT	2	3400	115	0.03*	31	0.01*
SBR	D	1700	27	0.02	11	0.01
EBL	2	3400	6	0.00	0	
EBT	2	3400	970	0.29*	886	0.26*
EBR	F		327		240	
WBL	2	3400	386	0.11*	202	0.06*
WBT	3	5100	931	0.18	861	0.17
WBR	F		88		217	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.55

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	218	0.13*	281	0.17*
NBT	3	5100	447	0.09	831	0.16
NBR	F		162		296	
SBL	1	1700	93	0.05	63	0.04
SBT	3	5100	630	0.12*	459	0.09*
SBR	F		296		225	
EBL	2	3400	183	0.05	244	0.07*
EBT	0		0	*	0	
EBR	F		470		139	
WBL	2	3400	384	0.11*	59	0.02
WBT	0		0		0	*
WBR	F		87		79	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.38

338 - Alton Pkwy. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	170	0.05*	496	0.15*
NBT	3	5100	611	0.12	1132	0.22
NBR	F		47		85	
SBL	2	3400	177	0.05	78	0.02
SBT	3	5100	1375	0.27*	577	0.11*
SBR	F		233		715	
EBL	3	5100	405	0.08*	273	0.05*
EBT	3	5100	533	0.10	411	0.08
EBR	D	1700	478	0.28	118	0.07
WBL	2	3400	138	0.04	75	0.02
WBT	3	5100	347	0.07*	618	0.12*
WBR	1	1700	38	0.02	130	0.08
Adjustment			EBR	0.13		
Overlaps					Clearance	0.05
Total ICU				0.65		0.48

339 - Alton Pkwy. @ Toledo Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05*	148	0.09
NBT	3	5100	668	0.13	1536	0.30*
NBR	F		91		182	
SBL	1	1700	87	0.05	60	0.04*
SBT	3	5100	1669	0.33*	701	0.14
SBR	0		12		27	
EBL	1	1700	34	0.02	9	0.01
EBT	1	1700	133	0.16*	66	0.08*
EBR	0		141		67	
WBL	1	1700	141	0.08*	49	0.03*
WBT	1	1700	72	0.04	89	0.05
WBR	1	1700	108	0.06	78	0.05
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				0.67		0.50

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	69	0.04*	135	0.08
NBT	3	5100	1022	0.20	1439	0.28*
NBR	F		262		351	
SBL	2	3400	141	0.04	86	0.03*
SBT	3	5100	1509	0.30*	1008	0.21
SBR	0		29		49	
EBL	1	1700	25	0.01	41	0.02
EBT	1	1700	54	0.03*	51	0.03*
EBR	F		113		97	
WBL	2	3400	390	0.11*	225	0.07*
WBT	1	1700	47	0.03	44	0.03
WBR	1	1700	96	0.06	114	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	8	0.00	7	0.00
NBT	3	5100	787	0.15*	993	0.19*
NBR	1	1700	241	0.14	351	0.21
SBL	2	3400	211	0.06*	119	0.04*
SBT	3	5100	1047	0.21	730	0.14
SBR	F		1022		563	
EBL	2	3400	549	0.16*	697	0.21*
EBT	2	3400	246	0.07	459	0.14
EBR	0		7		4	
WBL	2	3400	179	0.05	159	0.05
WBT	2	3400	304	0.11*	313	0.15*
WBR	0		81		184	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.53		0.64

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	67	0.04*	13	0.01
NBT	1	1700	18	0.01	5	0.00*
NBR	1	1700	359	0.21	300	0.18
SBL	1	1700	23	0.01	38	0.02*
SBT	1	1700	0	0.01*	5	0.01
SBR	0		19		18	
EBL	1	1700	29	0.02	8	0.00
EBT	3	5100	1266	0.25*	1139	0.22*
EBR	D	1700	18	0.01	17	0.01
WBL	1	1700	262	0.15*	142	0.08*
WBT	3	5100	1235	0.24	1336	0.26
WBR	D	1700	22	0.01	14	0.01
Adjustment			NBR	0.06	NBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.56		0.49

343 - Alton Pkwy. @ Ada
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	301	0.09*	512	0.15*
NBT	3	5100	1201	0.24	1043	0.20
NBR	D	1700	4	0.00	25	0.01
SBL	1	1700	4	0.00	26	0.02
SBT	3	5100	1255	0.25*	1312	0.26*
SBR	D	1700	115	0.07	168	0.10
EBL	1	1700	107	0.06*	86	0.05*
EBT	1	1700	59	0.03	46	0.03
EBR	1	1700	563	0.33	390	0.23
WBL	1	1700	19	0.01	13	0.01
WBT	1	1700	35	0.04*	39	0.02*
WBR	0		34		2	
Adjustment			EBR	0.17	EBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.66		0.59

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	550	0.16*	848	0.25*
NBT	3	5100	1204	0.24	1049	0.21
NBR	1	1700	744	0.44	649	0.38
SBL	1	1700	42	0.02	111	0.07
SBT	4	6800	1511	0.22*	1302	0.19*
SBR	1	1700	185	0.11	408	0.24
EBL	1.5	2550	314	0.11*	397	0.16*
EBT	1.5	2550	261	0.11	414	0.16
EBR	2	3400	807	0.24	1013	0.30
WBL	2.5	4250	917	0.19	887	0.19
WBT	1.5	2550	391	0.19*	403	0.19*
WBR	D	1700	78	0.05	28	0.02
Adjustment						
Overlaps		E		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.73		0.84

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2359	0.46*	2330	0.46*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	2315	0.45	1990	0.39
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	1059	0.25*	160	0.05*
WBT	0		0		0	
WBR	0.5	850	227	0.25	182	0.11
Adjustment					WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.76		0.62

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1295	0.25	1978	0.39*
NBR	1	1700	90	0.05	200	0.12
SBL	1	1700	524	0.31	531	0.31*
SBT	3	5100	3011	0.59*	1655	0.32
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	196	0.06*	148	0.04*
WBT	0		0		0	
WBR	2	3400	1290	0.38	1088	0.32
Adjustment						
Overlaps		W		Clearance		0.05
Total ICU				0.70		0.79

348 - Alton Pkwy. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	38	0.01	30	0.01
NBT	4	6800	454	0.07*	831	0.12*
NBR	F		163		145	
SBL	2	3400	820	0.24*	382	0.11*
SBT	3	5100	1108	0.22	928	0.18
SBR	1	1700	352	0.21	157	0.09
EBL	2	3400	71	0.02	471	0.14
EBT	3	5100	699	0.14*	1058	0.21*
EBR	1	1700	11	0.01	73	0.04
WBL	2	3400	256	0.08	370	0.11
WBT	2.5	4250	765	0.21*	1013	0.26*
WBR	1.5	2550	640	0.21	736	0.26

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.71 0.75

350 - Alton Pkwy. @ Pacifica
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	180	0.05*
NBT	3	5100	610	0.12	1137	0.22
NBR	D	1700	214	0.13	181	0.11
SBL	2	3400	22	0.01	61	0.02
SBT	2	3400	1449	0.43*	1288	0.38*
SBR	1	1700	200	0.12	134	0.08
EBL	2	3400	178	0.05	265	0.08*
EBT	2	3400	375	0.11*	275	0.08
EBR	D	1700	186	0.11	96	0.06
WBL	1	1700	184	0.11*	181	0.11
WBT	2	3400	237	0.07	379	0.11*
WBR	D	1700	47	0.03	56	0.03

Adjustment
Overlaps Clearance 0.05

Total ICU 0.72 0.67

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	29	0.01*	127	0.04*
NBT	2	1700	2	0.00	78	0.03
NBR	0	1700	15	0.01	40	
SBL	2	3400	161	0.05	456	0.13
SBT	1	1700	451	0.27*	381	0.22*
SBR	F		1382		768	
EBL	1	1700	119	0.07*	452	0.27*
EBT	2	3400	273	0.08	215	0.06
EBR	1	1700	202	0.12	67	0.04
WBL	1	1700	11	0.01	36	0.02
WBT	2	3400	85	0.03*	320	0.09*
WBR	1	1700	4	0.00	100	0.06

Adjustment EBR 0.02
Overlaps Clearance 0.05

Total ICU 0.45 0.67

356 - Pacifica @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	18	0.01*	155	0.05
NBT	2	3400	15	0.00	114	0.03*
NBR	D	1700	267	0.16	846	0.50
SBL	2	3400	83	0.02	258	0.08*
SBT	2	3400	232	0.07*	80	0.02
SBR	1	1700	45	0.03	131	0.08
EBL	2	3400	50	0.01	85	0.03*
EBT	3	5100	1492	0.29*	1404	0.28
EBR	D	1700	156	0.09	48	0.03
WBL	2	3400	321	0.09*	250	0.07
WBT	3	5100	1738	0.34	1660	0.33*
WBR	1	1700	141	0.08	117	0.07

Adjustment NBR 0.03 NBR 0.41
Overlaps Clearance 0.05

Total ICU 0.54 0.93

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	288	0.17	224	0.10*
NBT	0.5	1700	311	0.18*	125	0.10
NBR	F		32		161	
SBL	1	1700	13	0.01*	44	0.03
SBT	1	1700	22	0.01	166	0.10*
SBR	1	1700	38	0.02	192	0.11
EBL	1	1700	165	0.10*	228	0.13
EBT	1	1700	66	0.04	262	0.15*
EBR	F		356		656	
WBL	1	1700	23	0.01	126	0.07*
WBT	2	1700	31	0.02*	244	0.08
WBR	0	1700	32	0.02	28	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.36 0.47

358 - ICD @ Entertainment Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2025	0.40*	1774	0.35*
NBR	F		507		1133	
SBL	1	1700	10	0.01*	63	0.04*
SBT	3	5100	926	0.18	1887	0.37
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	76	0.02*	332	0.10*
WBT	0		0		0	
WBR	F		296		324	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.48 0.54

359 - ICD @ I-405 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1606	0.24*	2163	0.32
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	827	0.16	1797	0.35*
SBR	F		0		0	
EBL	3	5100	954	0.19*	747	0.15*
EBT	0		0		0	
EBR	F		948		798	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.55

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	103	0.06*	321	0.12
NBT	1	1700	159	0.06	197	0.12*
NBR	1.5	2550	113	0.06	300	0.12
SBL	1	1700	70	0.04	149	0.09*
SBT	2	3400	347	0.10*	178	0.05
SBR	D	1700	410	0.24	276	0.16
EBL	2	3400	455	0.13*	354	0.10*
EBT	3	5100	722	0.14	1043	0.20
EBR	D	1700	272	0.16	167	0.10
WBL	2	3400	424	0.12	218	0.06
WBT	3	5100	863	0.17*	949	0.19*
WBR	D	1700	42	0.02	25	0.01
Adjustment			SBR	0.04		
Overlaps				Clearance		0.05
Note: Assumes N/S Split Phase						
Total ICU				0.55		0.55

362 - Bake Pkwy. @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	240	0.07	165	0.05
NBT	3	5100	1541	0.33*	1209	0.36*
NBR	0		146		652	0.38
SBL	1	1700	73	0.04*	258	0.15*
SBT	3	5100	932	0.18	1335	0.26
SBR	1	1700	105	0.06	164	0.10
EBL	2	3400	129	0.04	148	0.04
EBT	2.5	4250	272	0.07*	790	0.16*
EBR	1.5	2550	202	0.07	292	0.16
WBL	2	3400	627	0.18*	377	0.11*
WBT	4	6800	612	0.09	384	0.06
WBR	D	1700	153	0.09	145	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.83

363 - Bake Pkwy. @ Toledo Wy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	342	0.20*	91	0.05*
NBT	3	5100	1888	0.37	1916	0.38
NBR	D	1700	55	0.03	400	0.24
SBL	1	1700	77	0.05	79	0.05
SBT	3	5100	1625	0.32*	1888	0.37*
SBR	D	1700	143	0.08	35	0.02
EBL	2	3400	41	0.01*	134	0.04
EBT	2	3400	42	0.01	274	0.08*
EBR	1	1700	60	0.04	228	0.13
WBL	2	3400	278	0.08	53	0.02*
WBT	2	3400	251	0.10*	47	0.03
WBR	0		80		88	0.05
Adjustment					EBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.68		0.58

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	525	0.15	77	0.02
NBT	3	5100	2145	0.42*	2289	0.45*
NBR	D	1700	82	0.05	562	0.33
SBL	1	1700	62	0.04*	113	0.07*
SBT	4	6800	1828	0.28	1997	0.30
SBR	0		77		18	
EBL	2	3400	11	0.00	71	0.02
EBT	2	3400	63	0.02*	486	0.14*
EBR	1	1700	117	0.07	469	0.28
WBL	1	1700	431	0.25*	181	0.11*
WBT	3	5100	581	0.13	99	0.03
WBR	0		89		62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.78		0.82

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	357	0.11*	85	0.03
NBT	4	6800	2583	0.38	2756	0.41*
NBR	F		193		373	
SBL	2	3400	49	0.01	212	0.06*
SBT	4	6800	2438	0.36*	2418	0.36
SBR	F		89		48	
EBL	2	3400	10	0.00	199	0.06
EBT	2	3400	85	0.03*	715	0.21*
EBR	F		145		256	
WBL	2	3400	326	0.10*	170	0.05*
WBT	2	3400	393	0.12	200	0.06
WBR	F		63		123	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	115	0.03
NBT	4	6800	2824	0.42	3331	0.49*
NBR	F		733		650	
SBL	2	3400	69	0.02	32	0.01*
SBT	4	6800	3172	0.47*	2723	0.40
SBR	1	1700	6	0.00	1	0.00
EBL	1	1700	1	0.00	2	0.00
EBT	2	3400	23	0.01*	14	0.00*
EBR	F		71		466	
WBL	3	5100	319	0.06*	993	0.19*
WBT	1	1700	50	0.03	19	0.01
WBR	D	1700	85	0.05	29	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3490	0.51*	3582	0.53*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1438	0.28	2081	0.41
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	173	0.10*	79	0.05*
WBT	0		0		0	
WBR	3	5100	795	0.16	544	0.11
Adjustment			WBR	0.06	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.72		0.69

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	830	0.16	1407	0.28*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1008	0.20*	1215	0.24
SBR	F		0		0	
EBL	3	5100	2990	0.59*	2868	0.56*
EBT	0		0		0	
EBR	1	1700	636	0.37	89	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.84		0.89

371 - Bake Pkwy. @ Research Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01	4	0.00
NBT	3	5100	443	0.09*	480	0.09*
NBR	D	1700	17	0.01	10	0.01
SBL	2	3400	525	0.15*	231	0.07*
SBT	3	5100	506	0.10	692	0.14
SBR	1	1700	610	0.36	374	0.22
EBL	2	3400	157	0.05*	457	0.13*
EBT	2	3400	84	0.02	116	0.03
EBR	D	1700	13	0.01	22	0.01
WBL	1	1700	7	0.00	10	0.01
WBT	1	1700	71	0.04*	96	0.06*
WBR	2	3400	315	0.09	648	0.19
Adjustment			SBR	0.09	WBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.47		0.48

372 - Bake Pkwy. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	160	0.05
NBT	3	5100	273	0.05*	209	0.04*
NBR	D	1700	86	0.05	45	0.03
SBL	2	3400	218	0.06*	380	0.11*
SBT	3	5100	233	0.05	311	0.06
SBR	D	1700	16	0.01	28	0.02
EBL	2	3400	17	0.01	22	0.01
EBT	3	5100	926	0.18*	1207	0.24*
EBR	F		161		210	
WBL	2	3400	52	0.02*	122	0.04*
WBT	4	6800	813	0.12	835	0.12
WBR	D	1700	202	0.12	270	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	200	0.06*	279	0.08
NBT	2	3400	658	0.19	988	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	582	0.17*	656	0.19
SBR	1	1700	225	0.13	123	0.07
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	28	0.02	146	0.09
NBT	2	3400	138	0.04*	206	0.06*
NBR	D	1700	156	0.09	251	0.15
SBL	1	1700	195	0.11*	155	0.09*
SBT	2	3400	238	0.07	148	0.04
SBR	D	1700	5	0.00	33	0.02
EBL	2	3400	39	0.01*	21	0.01
EBT	3	5100	753	0.15	1377	0.27*
EBR	D	1700	96	0.06	82	0.05
WBL	2	3400	336	0.10	168	0.05*
WBT	3	5100	1303	0.26*	1040	0.20
WBR	D	1700	280	0.16	144	0.08
Adjustment				NBR 0.05		
Overlaps				Clearance 0.05		
Total ICU				0.47		0.57

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	811	0.24*	1082	0.32*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	599	0.18	592	0.17
SBR	0		0		0	
EBL	2	3400	93	0.03*	161	0.05*
EBT	0		0		0	
EBR	1	1700	324	0.19	136	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR 0.11		
Overlaps				Clearance 0.05		
Total ICU				0.43		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	191	0.06*	330	0.10*
NBT	3	5100	842	0.17	1131	0.22
NBR	1	1700	123	0.07	311	0.18
SBL	2	3400	235	0.07	321	0.09
SBT	3	5100	1127	0.25*	1045	0.24*
SBR	0		143		160	
EBL	2	3400	177	0.05	540	0.16*
EBT	3	5100	560	0.11*	971	0.19
EBR	1	1700	282	0.17	147	0.09
WBL	2	3400	429	0.13*	162	0.05
WBT	3	5100	797	0.16	528	0.10*
WBR	1	1700	396	0.23	268	0.16
Adjustment				EBR 0.01		
Overlaps				Clearance 0.05		
Total ICU				0.61		0.65

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	79	0.05*	93	0.05
NBT	3	5100	1140	0.22	1734	0.34*
NBR	D	1700	88	0.05	149	0.09
SBL	1	1700	40	0.02	40	0.02*
SBT	3	5100	1602	0.31*	1274	0.25
SBR	D	1700	59	0.03	23	0.01
EBL	1	1700	23	0.01	108	0.06
EBT	2	1700	83	0.05*	324	0.12*
EBR	0	1700	98	0.06	80	
WBL	1	1700	138	0.08*	49	0.03*
WBT	2	3400	247	0.09	87	0.03
WBR	0		54		28	
Adjustment						
Overlaps				Clearance 0.05		
Total ICU				0.54		0.56

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	110	0.06*	96	0.06
NBT	3	5100	895	0.18	1549	0.30*
NBR	1	1700	141	0.08	230	0.14
SBL	2	3400	207	0.06	107	0.03*
SBT	3	5100	1236	0.24*	1083	0.21
SBR	1	1700	337	0.20	111	0.07
EBL	1	1700	92	0.05*	245	0.14
EBT	2	3400	175	0.05	589	0.17*
EBR	1	1700	79	0.05	120	0.07
WBL	1	1700	244	0.14	54	0.03*
WBT	2	3400	624	0.18*	158	0.05
WBR	1	1700	324	0.19	50	0.03
Adjustment						
Overlaps				Clearance 0.05		
Total ICU				0.58		0.58

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03*	75	0.02
NBT	4	6800	962	0.17	1760	0.31*
NBR	0		166		345	
SBL	2	3400	115	0.03	144	0.04*
SBT	3	5100	1310	0.26*	1146	0.22
SBR	1	1700	159	0.09	78	0.05
EBL	2	3400	67	0.02*	271	0.08
EBT	2	3400	190	0.06	865	0.25*
EBR	1	1700	53	0.03	138	0.08
WBL	2	3400	310	0.09	161	0.05*
WBT	2	3400	575	0.17*	302	0.09
WBR	1	1700	143	0.08	85	0.05
Adjustment						
Overlaps		E		Clearance 0.05		
Total ICU				0.53		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	464	0.14*	385	0.11
NBT	3	5100	1008	0.20	1930	0.38*
NBR	1	1700	142	0.08	496	0.29
SBL	2	3400	104	0.03	212	0.06*
SBT	4	6800	1446	0.23*	1265	0.21
SBR	0		122		148	
EBL	2	3400	57	0.02*	190	0.06*
EBT	2	3400	167	0.05	369	0.11
EBR	2	3400	350	0.10	428	0.13
WBL	3	5100	397	0.08	445	0.09
WBT	2	3400	345	0.14*	347	0.17*
WBR	0		133		220	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.72

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2319	0.45*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1218	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	202	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	487	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.64

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	842	0.14*	1349	0.22*
NBR	0		79		131	
SBL	2	3400	367	0.11*	497	0.15*
SBT	3	5100	1225	0.24	848	0.17
SBR	F		0		0	
EBL	3	5100	632	0.12	1724	0.34
EBT	0.5	850	342	0.30*	583	0.34*
EBR	1.5	2550	667	0.30	282	0.17
WBL	2	3400	161	0.05*	128	0.04*
WBT	0		0		0	
WBR	2	3400	145	0.04	316	0.09

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.65 0.80

385 - Lake Forest Dr. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	16	0.00	31	0.01
NBT	3	5100	278	0.05*	638	0.13*
NBR	1	1700	98	0.06	444	0.26
SBL	2	3400	655	0.19*	741	0.22*
SBT	3	5100	797	0.16	345	0.07
SBR	F		124		91	
EBL	2	3400	80	0.02	227	0.07
EBT	3	5100	676	0.13*	1340	0.26*
EBR	D	1700	27	0.02	17	0.01
WBL	2	3400	553	0.16*	174	0.05*
WBT	3	5100	1017	0.20	595	0.12
WBR	1	1700	373	0.22	263	0.15

Adjustment NBR 0.09
Overlaps Clearance 0.05

Total ICU 0.58 0.80

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	106	0.06*	178	0.10*
NBT	2	3400	158	0.05	272	0.08
NBR	D	1700	100	0.06	219	0.13
SBL	1	1700	113	0.07	131	0.08
SBT	2	3400	246	0.07*	227	0.07*
SBR	D	1700	105	0.06	66	0.04
EBL	1	1700	41	0.02*	47	0.03
EBT	2	3400	369	0.11	1122	0.33*
EBR	1	1700	46	0.03	63	0.04
WBL	1	1700	91	0.05	119	0.07*
WBT	2	3400	816	0.24*	434	0.13
WBR	1	1700	98	0.06	65	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.44 0.62

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	729	0.21*	627	0.22*
NBT	1.5	1700	318	0.19	482	0.22
NBR	1	1700	411	0.24	531	0.31
SBL	1.5	1700	0		47	0.03
SBT	1.5	3400	375	0.11*	299	0.09*
SBR	D	1700	1	0.00	53	0.03
EBL	1	1700	0		154	0.09
EBT	2	1700	2	0.00*	442	0.26*
EBR	0	1700	382	0.22	715	0.42
WBL	1	1700	551	0.32*	203	0.12*
WBT	2	3400	3	0.00	190	0.08
WBR	0		0		66	

Adjustment EBR 0.06
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.75 0.74

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		40	0.02
NBT	2	3400	339	0.10*	426	0.13*
NBR	1	1700	0		176	0.10
SBL	2	3400	650	0.19*	864	0.25*
SBT	2	3400	356	0.18	212	0.12
SBR	0		265		199	
EBL	1	1700	526	0.31*	966	0.57*
EBT	2	3400	0		399	0.15
EBR	0		0		98	
WBL	1	1700	0		48	0.03
WBT	2	1700	0	*	45	0.03*
WBR	0	1700	624	0.37	473	0.28
Adjustment			WBR	0.23	WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.88		1.09

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03	104	0.06
NBT	2	3400	153	0.05*	228	0.07*
NBR	1	1700	95	0.06	95	0.06
SBL	2	3400	158	0.05*	259	0.08*
SBT	2	3400	129	0.04	145	0.04
SBR	1	1700	45	0.03	58	0.03
EBL	2	3400	41	0.01*	90	0.03
EBT	4	6800	1060	0.18	2105	0.32*
EBR	0		179		87	
WBL	2	3400	101	0.03	77	0.02*
WBT	4	6800	1828	0.27*	822	0.12
WBR	1	1700	196	0.12	178	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.54

390 - Paseo de Valencia @ Avenida Carlota
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	258	0.08*
NBT	1	1700	36	0.02	127	0.07
NBR	1	1700	17	0.01	84	0.05
SBL	2.5	3400	746	0.22	809	0.18
SBT	1.5	3400	767	0.25*	373	0.18*
SBR	0		85		54	
EBL	2	3400	400	0.12*	496	0.15*
EBT	2	3400	241	0.07	586	0.17
EBR	1	1700	88	0.05	331	0.19
WBL	1	1700	6	0.00	16	0.01
WBT	2	3400	383	0.11*	305	0.09*
WBR	1	1700	535	0.31	545	0.32
Adjustment					WBR	0.04
Overlaps			N W		Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.57		0.59

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	147	0.08*	160	0.06*
NBT	0		0		0	
NBR	1.5	2550	285	0.08	171	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	1033	0.20	2290	0.45*
EBR	1	1700	161	0.09	138	0.08
WBL	1	1700	176	0.10	201	0.12*
WBT	3	5100	1979	0.39*	854	0.17
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.68

392 - El Toro Rd. @ Muirlands Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	75	0.02*	202	0.06
NBT	4	6800	922	0.15	1672	0.29*
NBR	0		93		330	
SBL	2	3400	300	0.09	217	0.06*
SBT	4	6800	1594	0.30*	1144	0.19
SBR	0		420		128	
EBL	2	3400	230	0.07*	261	0.08
EBT	2	3400	260	0.08	790	0.23*
EBR	1	1700	122	0.07	281	0.17
WBL	2	3400	324	0.10	321	0.09*
WBT	2	3400	620	0.18*	321	0.09
WBR	1	1700	320	0.19	210	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.72

393 - El Toro Rd. @ Rockfield Bl.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	303	0.09*	459	0.14*
NBT	4	6800	913	0.13	1650	0.24
NBR	D	1700	158	0.09	263	0.15
SBL	2	3400	197	0.06	178	0.05
SBT	4	6800	1706	0.26*	1432	0.22*
SBR	0		71		97	
EBL	2	3400	88	0.03	337	0.10
EBT	2	3400	211	0.06*	509	0.15*
EBR	F		157		205	
WBL	2	3400	387	0.11*	313	0.09*
WBT	2	3400	259	0.08	216	0.06
WBR	1	1700	173	0.10	125	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.65

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	876	0.25	1625	0.40*
NBR	1.5	2550	824	0.25	1111	0.40
SBL	0		0		0	*
SBT	5	8500	2202	0.26*	2074	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	582	0.24*	530	0.27*
WBT	0		0		0	
WBR	1.5	2550	630	0.24	841	0.27

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.55 0.72

396 - El Toro Rd. @ Avenida Carlota
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		4		2	
NBT	4	6800	1290	0.19*	2052	0.30*
NBR	D	1700	66	0.04	116	0.07
SBL	2	3400	61	0.02*	178	0.05*
SBT	3	5100	893	0.18	975	0.19
SBR	1	1700	746	0.44	686	0.40
EBL	3	5100	506	0.10*	768	0.15
EBT	2	3400	228	0.07	554	0.16*
EBR	1	1700	222	0.13	157	0.09
WBL	0.5	850	58	0.08	58	0.06*
WBT	1.5	2550	197	0.08*	130	0.06
WBR	2	3400	200	0.06	450	0.13

Adjustment Multi 0.14 WBR 0.01
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.58 0.63

397 - El Toro Rd. @ Paseo de Valencia
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02	222	0.07
NBT	3	5100	719	0.14*	1120	0.22*
NBR	1	1700	232	0.14	331	0.19
SBL	2	3400	343	0.10*	210	0.06*
SBT	3	5100	606	0.12	691	0.14
SBR	0		9		21	
EBL	1	1700	17	0.01	33	0.02
EBT	2	3400	558	0.16*	436	0.13*
EBR	1	1700	243	0.14	207	0.12
WBL	2	3400	304	0.09*	406	0.12*
WBT	2	3400	129	0.04	205	0.06
WBR	1	1700	308	0.18	381	0.22

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.54 0.58

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	344	0.10*	244	0.07
NBT	3	5100	587	0.12	1008	0.20*
NBR	1	1700	129	0.08	232	0.14
SBL	2	3400	272	0.08	336	0.10*
SBT	3	5100	683	0.13*	622	0.12
SBR	1	1700	204	0.12	217	0.13
EBL	2	3400	283	0.08*	351	0.10
EBT	3	5100	805	0.16	1963	0.38*
EBR	1	1700	312	0.18	358	0.21
WBL	2	3400	269	0.08	192	0.06*
WBT	3	5100	1635	0.32*	777	0.15
WBR	1	1700	299	0.18	403	0.24

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.68 0.79

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Pending With Project-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	555	0.11	863	0.17*
NBR	F		887		1296	
SBL	1	1700	74	0.04	135	0.08*
SBT	3	5100	805	0.16*	570	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1275	0.38*	1049	0.31*
WBT	0		0		0	
WBR	1	1700	109	0.06	85	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.61

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	1396	0.41	2190	0.64*
NBR	0		0		0	
SBL	0		0		0	*
SBT	1.5	1700	722	0.42*	705	0.33
SBR	1.5	3400	1544	0.45	997	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	135	0.04	131	0.04
WBT	2	3400	560	0.16*	236	0.07*
WBR	1	1700	11	0.01	5	0.00

Adjustment SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.66 0.76

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Pending With Project-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	680	0.20	803	0.24*
NBR	1	1700	144	0.08	109	0.06
SBL	1	1700	2	0.00	31	0.02*
SBT	2	3400	861	0.25*	823	0.24
SBR	0		0		0	
EBL	1.5	3400	732	0.22*	1396	0.41*
EBT	1.5	1700	120	0.07	275	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.72

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	615	0.18*	926	0.27*
NBT	0		0		0	
NBR	1.5	1700	32	0.02	45	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	660	0.19*	967	0.28*
EBR	F		337		269	
WBL	1	1700	251	0.15*	146	0.09*
WBT	2	3400	621	0.18	545	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.69

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	1	0.00*	0	*
NBT	0		0		0	
NBR	1.5	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	108	0.06*	343	0.20*
EBT	2	3400	0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	0	*	0	*
WBR	1	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.11		0.25

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	1700	1	0.00*	1	0.00*
SBT	0		0		0	
SBR	1.5	3400	540	0.16	98	0.03
EBL	0		0		0	
EBT	2	3400	107	0.03*	342	0.10*
EBR	1	1700	0		0	
WBL	1	1700	0	*	0	*
WBT	2	3400	1	0.00	0	
WBR	0		0		0	
Adjustment			SBR	0.14		
Overlaps				Clearance		0.05
Total ICU				0.22		0.15

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	752	0.44*	444	0.26*
NBT	2	3400	754	0.22	139	0.04
NBR	D	1700	57	0.03	20	0.01
SBL	1	1700	5	0.00	12	0.01
SBT	2	3400	114	0.03*	496	0.15*
SBR	D	1700	62	0.04	266	0.16
EBL	1	1700	175	0.10*	42	0.02
EBT	2	3400	13	0.00	6	0.00*
EBR	D	1700	322	0.19	252	0.15
WBL	1	1700	17	0.01	76	0.04*
WBT	2	3400	9	0.00*	41	0.01
WBR	D	1700	9	0.01	13	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.50

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	2536	0.37*	1834	0.27*
NBR	1	1700	163	0.10	191	0.11
SBL	3	5100	490	0.10*	825	0.16*
SBT	3	5100	1509	0.30	2192	0.43
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	218	0.06*	173	0.05*
WBT	0		0		0	
WBR	F		1491		1122	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.53

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05*	82	0.05
NBT	2	3400	922	0.27	1105	0.33*
NBR	D	1700	541	0.32	185	0.11
SBL	1	1700	24	0.01	10	0.01*
SBT	2	3400	944	0.28*	822	0.24
SBR	D	1700	126	0.07	151	0.09
EBL	1	1700	107	0.06	105	0.06*
EBT	2	3400	307	0.11*	116	0.06
EBR	0		68		97	
WBL	2	3400	115	0.03*	496	0.15
WBT	1	1700	75	0.05	425	0.26*
WBR	0		4		16	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.71

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	192	0.06*	128	0.04*
SBT	0		0		0	
SBR	2	3400	121	0.04	463	0.14
EBL	2	3400	85	0.03*	158	0.05*
EBT	2	3400	323	0.10	911	0.27
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	978	0.29*	977	0.29*
WBR	D	1700	51	0.03	50	0.03
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.43		0.49

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	196	0.12*	175	0.10*
NBT	0		0		0	
NBR	1	1700	257	0.15	250	0.15
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	670	0.13	1433	0.28*
EBR	D	1700	291	0.17	157	0.09
WBL	1	1700	185	0.11	146	0.09*
WBT	3	5100	1377	0.27*	784	0.15
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.52

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03*	30	0.02
NBT	2	3400	278	0.12	346	0.12*
NBR	0		129		58	
SBL	1	1700	106	0.06	71	0.04*
SBT	2	3400	454	0.16*	259	0.09
SBR	0		85		36	
EBL	1	1700	35	0.02	61	0.04
EBT	2	3400	145	0.05*	364	0.12*
EBR	0		39		28	
WBL	1	1700	193	0.11*	27	0.02*
WBT	2	3400	232	0.08	91	0.04
WBR	0		50		40	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.35

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	82	0.05	40	0.02
NBT	2	3400	262	0.08*	346	0.10*
NBR	D	1700	119	0.07	102	0.06
SBL	1	1700	144	0.08*	44	0.03*
SBT	2	3400	346	0.10	229	0.07
SBR	D	1700	253	0.15	32	0.02
EBL	1	1700	112	0.07*	74	0.04
EBT	2	3400	326	0.13	912	0.29*
EBR	0		123		64	
WBL	1	1700	83	0.05	86	0.05*
WBT	2	3400	789	0.25*	308	0.11
WBR	0		76		79	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.52

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	78	0.05	115	0.07
NBT	2	1700	23	0.01*	42	0.02*
NBR	0	1700	60	0.04	96	0.06
SBL	2	3400	362	0.11*	321	0.09*
SBT	2	3400	70	0.02	37	0.01
SBR	F		961		505	
EBL	2	3400	327	0.10*	1121	0.33*
EBT	3	5100	627	0.12	1239	0.24
EBR	1	1700	114	0.07	93	0.05
WBL	2	3400	130	0.04	59	0.02
WBT	3	5100	1387	0.27*	680	0.13*
WBR	1	1700	326	0.19	310	0.18
Adjustment						
Overlaps	W			Clearance		0.05
Total ICU				0.54		0.62

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	404	0.12	196	0.06*
NBT	3	5100	1220	0.24*	904	0.18
NBR	F		83		331	
SBL	2	3400	150	0.04*	332	0.10
SBT	3	5100	714	0.14	1225	0.24*
SBR	F		192		95	
EBL	1	1700	112	0.07	94	0.06*
EBT	0		0	*	0	
EBR	F		152		398	
WBL	2	3400	225	0.07*	134	0.04
WBT	0		0		0	*
WBR	F		453		124	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.41

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	320	0.09*	277	0.08*
NBT	3	5100	197	0.04	520	0.10
NBR	F		363		624	
SBL	1	1700	30	0.02	12	0.01
SBT	3	5100	675	0.13*	211	0.04*
SBR	2	3400	444	0.13	159	0.05
EBL	2	3400	80	0.02	346	0.10
EBT	3	5100	736	0.14*	1640	0.32*
EBR	1	1700	209	0.12	436	0.26
WBL	2	3400	476	0.14*	438	0.13*
WBT	4	6800	1641	0.24	912	0.13
WBR	D	1700	28	0.02	48	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.62

418 - El Toro Rd. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	249	0.07*	377	0.11*
NBT	4	6800	647	0.10	1283	0.19
NBR	1	1700	179	0.11	442	0.26
SBL	2	3400	216	0.06	238	0.07
SBT	4	6800	1683	0.29*	994	0.17*
SBR	0		305		133	
EBL	2	3400	181	0.05*	305	0.09
EBT	3	3400	393	0.12	935	0.24*
EBR	0	1700	275	0.16	296	
WBL	2	3400	332	0.10	197	0.06*
WBT	3	5100	850	0.17*	403	0.08
WBR	1	1700	190	0.11	175	0.10
Adjustment						
Overlaps	N			Clearance		0.05
Total ICU				0.63		0.63

419 - El Toro Rd. @ Toledo Wy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	236	0.14*	60	0.04
NBT	4	6800	1134	0.17	1921	0.29*
NBR	0		15		25	
SBL	1	1700	1	0.00	1	0.00*
SBT	4	6800	1972	0.32*	1429	0.22
SBR	0		208		34	
EBL	1.5	2550	52	0.02*	227	0.07*
EBT	0.5	850	3	0.02	16	0.07
EBR	1	1700	233	0.14	99	0.06
WBL	0		40		15	
WBT	1	1700	9	0.03*	3	0.01*
WBR	0		1		1	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.56		0.42

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	115	0.07*	110	0.06
NBT	4	6800	1037	0.19	1588	0.28*
NBR	0		277		332	
SBL	2	3400	280	0.08	325	0.10*
SBT	4	6800	1829	0.31*	1142	0.18
SBR	0		270		104	
EBL	1	1700	161	0.09*	185	0.11
EBT	2	3400	274	0.08	730	0.21*
EBR	1	1700	209	0.12	117	0.07
WBL	2	3400	419	0.12	218	0.06*
WBT	2	3400	524	0.15*	321	0.09
WBR	1	1700	264	0.16	293	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.70

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	240	0.14*	220	0.13
NBT	3	5100	453	0.09	1038	0.20*
NBR	D	1700	111	0.07	282	0.17
SBL	1	1700	140	0.08	148	0.09*
SBT	3	5100	1111	0.22*	549	0.11
SBR	D	1700	304	0.18	93	0.05
EBL	1	1700	137	0.08*	303	0.18*
EBT	2	3400	439	0.13	700	0.21
EBR	D	1700	280	0.16	209	0.12
WBL	1	1700	277	0.16	140	0.08
WBT	2	3400	719	0.21*	427	0.13*
WBR	D	1700	165	0.10	147	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.65

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	188	0.11*	197	0.12
NBT	3	5100	685	0.13	1311	0.26*
NBR	1	1700	182	0.11	297	0.17
SBL	1	1700	239	0.14	140	0.08*
SBT	3	5100	1283	0.25*	721	0.14
SBR	1	1700	351	0.21	168	0.10
EBL	2	3400	184	0.05*	415	0.12
EBT	2	3400	510	0.15	789	0.23*
EBR	1	1700	161	0.09	299	0.18
WBL	2	3400	216	0.06	265	0.08*
WBT	2	3400	621	0.18*	487	0.14
WBR	1	1700	102	0.06	188	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.64 0.70

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	214	0.06*	198	0.06*
NBT	2	3400	515	0.15	404	0.12
NBR	1	1700	117	0.07	159	0.09
SBL	2	3400	119	0.04	312	0.09
SBT	2	3400	467	0.20*	667	0.28*
SBR	0		196		277	
EBL	2	3400	228	0.07*	177	0.05
EBT	3	5100	755	0.15	1216	0.24*
EBR	1	1700	301	0.18	251	0.15
WBL	2	3400	207	0.06	146	0.04*
WBT	3	5100	1053	0.21*	937	0.18
WBR	D	1700	307	0.18	188	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.67

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	186	0.05*	167	0.05*
NBT	2	3400	863	0.25	1224	0.36
NBR	0		3		4	
SBL	1	1700	16	0.01	20	0.01
SBT	2	3400	910	0.27*	1180	0.35*
SBR	1	1700	504	0.30	309	0.18
EBL	1.5	2550	322	0.10*	388	0.12*
EBT	0.5	850	19	0.10	34	0.12
EBR	1	1700	185	0.11	361	0.21
WBL	0		5		13	
WBT	1	1700	45	0.03*	19	0.02*
WBR	D	1700	54	0.03	28	0.02

Adjustment EBR 0.03
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.50 0.62

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	224	0.07*	130	0.04*
NBT	3	5100	847	0.17	992	0.19
NBR	0		3		1	
SBL	1	1700	7	0.00	10	0.01
SBT	3	5100	915	0.18*	1255	0.25*
SBR	D	1700	276	0.16	232	0.14
EBL	1.5	2550	128	0.04*	459	0.14*
EBT	0.5	850	3	0.04	13	0.14
EBR	1	1700	73	0.04	271	0.16
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	8	0.00	15	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.35 0.48

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	676	0.13*	1277	0.25*
SBT	0		0		0	
SBR	1	1700	366	0.22	222	0.13
EBL	2	3400	127	0.04*	215	0.06
EBT	2	3400	438	0.13	856	0.25*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	807	0.24*	405	0.12
WBR	2	3400	814	0.24	916	0.27

Adjustment SBR 0.05
Overlaps S W Clearance 0.05

Total ICU 0.51 0.55

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Pending With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	268	0.08	326	0.10*
NBT	3	5100	1587	0.31*	929	0.18
NBR	D	1700	11	0.01	33	0.02
SBL	1	1700	7	0.00*	30	0.02
SBT	3	5100	728	0.14	1808	0.35*
SBR	1	1700	421	0.25	501	0.29
EBL	1.5	2550	419	0.12*	387	0.12*
EBT	0.5	850	1	0.12	11	0.12
EBR	1	1700	307	0.18	387	0.23
WBL	0		44		22	
WBT	1	1700	12	0.03*	4	0.02*
WBR	D	1700	24	0.01	16	0.01

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.65

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	647	0.19*	653	0.20*
NBT	0.5	850	14	0.19	13	0.20
NBR	1	1700	411	0.24	486	0.29
SBL	1	1700	116	0.07	51	0.03
SBT	1	1700	26	0.07*	26	0.04*
SBR	0		101		44	
EBL	1	1700	28	0.02	77	0.05
EBT	3	5100	483	0.09*	1217	0.24*
EBR	1	1700	642	0.38	920	0.54
WBL	2	3400	371	0.11*	345	0.10*
WBT	3	5100	756	0.16	528	0.12
WBR	0		62		83	
Adjustment			EBR	0.15	EBR	0.15
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.66		0.78

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Pending With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	407	0.12	201	0.06*
NBT	4	6800	1288	0.19*	759	0.11
NBR	1	1700	157	0.09	109	0.06
SBL	2	3400	218	0.06*	224	0.07
SBT	3	5100	606	0.12	1479	0.29*
SBR	1	1700	204	0.12	423	0.25
EBL	2	3400	344	0.10*	258	0.08*
EBT	3	5100	553	0.11	812	0.16
EBR	F		295		340	
WBL	1	1700	80	0.05	178	0.10
WBT	2	3400	832	0.24*	729	0.21*
WBR	1	1700	184	0.11	335	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.64		0.69

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	179	0.05	126	0.04
NBT	2	3400	460	0.14*	354	0.10*
NBR	D	1700	78	0.05	67	0.04
SBL	2	3400	180	0.05*	484	0.14*
SBT	2	3400	317	0.09	438	0.13
SBR	1	1700	151	0.09	155	0.09
EBL	1	1700	205	0.12*	148	0.09
EBT	3	5100	942	0.18	1574	0.31*
EBR	D	1700	68	0.04	127	0.07
WBL	1	1700	135	0.08	56	0.03*
WBT	3	5100	1731	0.34*	970	0.19
WBR	1	1700	386	0.23	185	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.63

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	565	0.17*	243	0.07*
NBT	2	3400	726	0.21	349	0.10
NBR	1	1700	156	0.09	91	0.05
SBL	2	3400	75	0.02	174	0.05
SBT	2	3400	420	0.12*	775	0.23*
SBR	1	1700	198	0.12	438	0.26
EBL	2	3400	358	0.11*	230	0.07
EBT	3	5100	1319	0.26	1863	0.37*
EBR	1	1700	220	0.13	418	0.25
WBL	2	3400	175	0.05	124	0.04*
WBT	3	5100	1988	0.39*	1349	0.26
WBR	1	1700	154	0.09	111	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.84		0.76

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	232	0.07*	369	0.11
NBT	3	5100	2008	0.39	2353	0.46*
NBR	1	1700	102	0.06	161	0.09
SBL	2	3400	109	0.03	101	0.03*
SBT	4	6800	2480	0.38*	2096	0.32
SBR	0		108		81	
EBL	2	3400	79	0.02	101	0.03
EBT	2	3400	391	0.12*	410	0.12*
EBR	1	1700	544	0.32	495	0.29
WBL	2	3400	141	0.04*	105	0.03*
WBT	2	3400	396	0.12	351	0.10
WBR	1	1700	216	0.13	153	0.09
Adjustment			EBR	0.13	EBR	0.01
Overlaps	E				Clearance	0.05
Total ICU				0.79		0.70

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Pending With Project-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	286	0.15*	227	0.13*
NBT	0		0		0	
NBR	1.5	2550	487	0.15	839	0.25
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2043	0.40*	2350	0.46*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1773	0.35	1657	0.32
WBR	F		0		0	
Adjustment					NBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.60		0.76

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1252	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	864	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2325	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1083	0.21	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Pending With Project-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	320	0.09	314	0.09
NBT	3	5100	1721	0.35*	1536	0.31*
NBR	0		63		57	
SBL	1	1700	68	0.04*	117	0.07*
SBT	3	5100	1334	0.26	1438	0.28
SBR	1	1700	411	0.24	372	0.22
EBL	2	3400	413	0.12*	515	0.15*
EBT	2	3400	253	0.07	480	0.14
EBR	2	3400	256	0.08	620	0.18
WBL	2	3400	88	0.03	102	0.03
WBT	3	5100	450	0.09*	249	0.05*
WBR	1	1700	69	0.04	59	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.63

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Pending With Project-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01	70	0.02*
NBT	4	6800	1185	0.17*	668	0.10
NBR	F		470		345	
SBL	2	3400	170	0.05*	223	0.07
SBT	3	5100	678	0.13	1123	0.22*
SBR	1	1700	266	0.16	617	0.36
EBL	2	3400	411	0.12*	330	0.10*
EBT	3	5100	1330	0.26	1196	0.23
EBR	1	1700	96	0.06	52	0.03
WBL	2	3400	238	0.07	343	0.10
WBT	3	5100	1086	0.21*	1420	0.28*
WBR	1	1700	146	0.09	164	0.10
Adjustment						
Overlaps				SBR		0.06
				Clearance		0.05
Total ICU				0.60		0.73

437 - Scientific Wy. @ ICD
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	57	0.02*
NBT	2	3400	14	0.00	17	0.01
NBR	1	1700	1	0.00	1	0.00
SBL	2	3400	2	0.00	3	0.00
SBT	2	3400	11	0.00*	3	0.00*
SBR	1	1700	25	0.01	50	0.03
EBL	1	1700	52	0.03*	61	0.04
EBT	3	5100	717	0.14	1554	0.30*
EBR	1	1700	94	0.06	29	0.02
WBL	1	1700	0		0	*
WBT	3	5100	1006	0.20*	804	0.16
WBR	1	1700	47	0.03	17	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.37

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Pending With Project-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	79	0.02	692	0.20*
NBR	1	1700	38	0.02	72	0.04
SBL	1	1700	7	0.00	30	0.02*
SBT	2	3400	260	0.08*	229	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	936	0.28*	614	0.18*
WBT	0		0		0	
WBR	1	1700	4	0.00	148	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.45

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	164	0.10*	38	0.02*
SBT	0		0		0	
SBR	1.5	2550	295	0.14	874	0.27
EBL	2	3400	1057	0.31*	1324	0.39*
EBT	1	1700	731	0.43	421	0.25
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	383	0.20*	837	0.28*
WBR	0		308		115	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.74

444 - Sand Canyon Av. @ Burt Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	39	0.01
NBT	3	5100	814	0.16	1804	0.35*
NBR	D	1700	57	0.03	83	0.05
SBL	1	1700	102	0.06	163	0.10*
SBT	3	5100	2769	0.54*	1414	0.28
SBR	1	1700	92	0.05	72	0.04
EBL	2	3400	134	0.04*	36	0.01
EBT	1	1700	26	0.02	2	0.00*
EBR	1	1700	92	0.05	23	0.01
WBL	1	1700	39	0.02	64	0.04*
WBT	1	1700	10	0.01*	6	0.00
WBR	1	1700	62	0.04	139	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.54

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	682	0.20*	1745	0.51*
NBT	1	1700	55	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	144	0.04*
SBR	D	1700	26	0.02	94	0.06
EBL	1	1700	35	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1549	0.46	563	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.29	SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Pending With Project-ITAM TC V1.8
COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	*
NBT	0		0		0	
NBR	D	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	538	0.16	798	0.23*
EBR	D	1700	0		0	
WBL	1	1700	0		0	*
WBT	2	3400	884	0.26*	532	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.28

463 - Jamboree Rd. @ Chapman Ave.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	119	0.04	322	0.09
NBT	2	3400	251	0.07*	878	0.26*
NBR	2	3400	180	0.05	154	0.05
SBL	2	3400	745	0.22*	369	0.11*
SBT	3	5100	793	0.16	341	0.07
SBR	1	1700	36	0.02	78	0.05
EBL	2	3400	39	0.01	42	0.01*
EBT	3	5100	908	0.18*	358	0.07
EBR	1	1700	223	0.13	138	0.08
WBL	2	3400	259	0.08*	296	0.09
WBT	3	5100	511	0.10	1337	0.26*
WBR	2	3400	457	0.13	767	0.23
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.69

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	499	0.29*	98	0.06*
SBT	1	1700	370	0.22	18	0.01
SBR	2	3400	704	0.21	227	0.07
EBL	0		0		0	*
EBT	3	5100	1027	0.20*	757	0.15
EBR	1	1700	761	0.45	138	0.08
WBL	2	3400	331	0.10*	169	0.05
WBT	3	5100	629	0.12	2134	0.42*
WBR	0		0		0	
Adjustment			EBR	0.20	SBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.84		0.54

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	676	0.20*
NBT	2	3400	25	0.01	238	0.07
NBR	D	1700	144	0.08	261	0.15
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	219	0.13*	427	0.25*
EBT	3	5100	1272	0.25	469	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	847	0.17*	1588	0.31*
WBR	D	1700	148	0.09	559	0.33
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.81

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	387	0.11*	960	0.28*
NBT	0		0		0	
NBR	1	1700	23	0.01	89	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	453	0.13*	422	0.12*
EBR	1.5	3400	889	0.26	889	0.26
WBL	1	1700	85	0.05*	139	0.08*
WBT	3	5100	720	0.14	713	0.14
WBR	0		0		0	
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.39		0.53

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	122	0.04*	881	0.26*
NBT	3	5100	385	0.08	1658	0.33
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1474	0.29*	488	0.10*
SBR	1	1700	131	0.08	253	0.15
EBL	1	1700	108	0.06*	136	0.08*
EBT	0		0		0	
EBR	2	3400	612	0.18	255	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.53		0.49

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	1220	0.24*	1591	0.31*
NBR	D	1700	512	0.30	777	0.46
SBL	1	1700	239	0.14*	230	0.14*
SBT	3	5100	1601	0.31	866	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	904	0.53*	399	0.23*
WBT	0		0		0	
WBR	1	1700	322	0.19	217	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.96		0.73

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		34		15	
SBT	1	1700	65	0.06*	1	0.01*
SBR	1	1700	1221	0.72	289	0.17
EBL	0		0		0	
EBT	1	1700	258	0.15*	968	0.57*
EBR	1	1700	494	0.29	39	0.02
WBL	0		0	*	1	*
WBT	1	1700	5	0.00	326	0.19
WBR	0		0		0	
Adjustment			Multi	0.69		
Overlaps					Clearance	0.05
Total ICU				0.95		0.63

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Pending With Project-ITAM TC V1.8
ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00	327	0.19*
NBT	1	1700	19	0.01*	98	0.06
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	292	0.17*	983	0.58*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.82

477 - El Camino Real N. @ Bryan Ave.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	8	0.00*	106	0.06*
NBT	0		0		0	
NBR	1.5	3400	54	0.02	403	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	369	0.11	815	0.24
EBR	D	1700	118	0.07	33	0.02
WBL	2	3400	232	0.07	107	0.03
WBT	2	3400	657	0.19*	1383	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.52

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00	62	0.04
NBT	2	3400	34	0.01*	46	0.01*
NBR	D	1700	9	0.01	34	0.02
SBL	2	3400	86	0.03*	392	0.12*
SBT	2	3400	43	0.01	46	0.01
SBR	D	1700	56	0.03	711	0.42
EBL	1	1700	502	0.30*	94	0.06*
EBT	1	1700	133	0.08	71	0.04
EBR	1	1700	67	0.04	8	0.00
WBL	1	1700	78	0.05	16	0.01
WBT	1	1700	102	0.06*	251	0.15*
WBR	2	3400	585	0.17	185	0.05
Adjustment			WBR	0.09	SBR	0.28
Overlaps					Clearance	0.05
Total ICU				0.54		0.67

482 - Visions @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	11	0.01*	12	0.01*
NBT	1	1700	0		0	
NBR	1	1700	103	0.06	22	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	444	0.13*	778	0.23*
EBR	1	1700	183	0.11	16	0.01
WBL	1	1700	309	0.18*	20	0.01*
WBT	2	3400	759	0.22	619	0.18
WBR	D	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.30

484 - Sand Canyon Av. @ Roosevelt
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02*	115	0.03
NBT	4	6800	671	0.10	1978	0.29*
NBR	D	1700	70	0.04	217	0.13
SBL	2	3400	49	0.01	119	0.04*
SBT	4	6800	1733	0.25*	870	0.13
SBR	D	1700	75	0.04	100	0.06
EBL	2	3400	99	0.03*	92	0.03*
EBT	2	3400	48	0.01	92	0.03
EBR	D	1700	143	0.08	98	0.06
WBL	2	3400	253	0.07	88	0.03
WBT	1	1700	129	0.08*	47	0.03*
WBR	D	1700	95	0.06	113	0.07
Adjustment			EBR	0.02	WBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.45		0.45

485 - Sand Canyon Av. @ Nightmist
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	144	0.04*	217	0.06
NBT	4	6800	697	0.10	2152	0.32*
NBR	D	1700	54	0.03	89	0.05
SBL	1	1700	48	0.03	31	0.02*
SBT	4	6800	2116	0.31*	980	0.14
SBR	D	1700	56	0.03	63	0.04
EBL	2	3400	57	0.02*	42	0.01
EBT	1	1700	29	0.02	9	0.01*
EBR	1	1700	266	0.16	95	0.06
WBL	2	3400	41	0.01	140	0.04*
WBT	1	1700	51	0.03*	7	0.00
WBR	D	1700	57	0.03	66	0.04
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.54		0.44

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	476	0.28*	231	0.14*
SBT	0		0		0	
SBR	2	3400	866	0.25	156	0.05
EBL	0		0		0	
EBT	2	3400	211	0.06*	733	0.22*
EBR	1	1700	857	0.50	589	0.35
WBL	2	3400	1134	0.33*	861	0.25*
WBT	2	3400	507	0.15	721	0.21
WBR	0		0		0	
Adjustment			EBR	0.23	EBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.95		0.68

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	514	0.15*	786	0.23*
NBT	0		0		0	
NBR	2	3400	933	0.27	1110	0.33
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	625	0.18	609	0.18*
EBR	F		53		329	
WBL	1	1700	189	0.11	614	0.36*
WBT	2	3400	1220	0.36*	806	0.24
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.82

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03*	184	0.05
NBT	3	5100	625	0.12	1147	0.22*
NBR	1	1700	120	0.07	121	0.07
SBL	2	3400	139	0.04	26	0.01*
SBT	3	5100	1218	0.24*	557	0.11
SBR	1	1700	63	0.04	64	0.04
EBL	1	1700	81	0.05*	29	0.02
EBT	2	3400	45	0.01	32	0.01*
EBR	D	1700	252	0.15	158	0.09
WBL	2	3400	158	0.05	145	0.04*
WBT	2	3400	45	0.01*	72	0.02
WBR	1	1700	37	0.02	156	0.09

Adjustment EBR 0.12 WBR 0.05
Overlaps Clearance 0.05

Total ICU 0.50 0.38

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	588	0.17	1098	0.32*
NBR	D	1700	288	0.17	669	0.39
SBL	1	1700	154	0.09	291	0.17*
SBT	2	3400	1016	0.30*	665	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	515	0.15*	273	0.08*
WBT	0		0		0	
WBR	2	3400	203	0.06	275	0.08

Adjustment NBR 0.01
Overlaps Clearance 0.05

Total ICU 0.50 0.63

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	128	0.08*	225	0.13
NBT	2	3400	673	0.20	901	0.27*
NBR	D	1700	119	0.07	422	0.25
SBL	1	1700	140	0.08	133	0.08*
SBT	2	3400	735	0.22*	588	0.17
SBR	D	1700	80	0.05	58	0.03
EBL	1	1700	44	0.03*	57	0.03
EBT	2	3400	273	0.08	684	0.20*
EBR	1	1700	67	0.04	158	0.09
WBL	2	3400	239	0.07	159	0.05*
WBT	2	3400	617	0.18*	317	0.09
WBR	D	1700	77	0.05	72	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.56 0.65

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	518	0.15*	303	0.09*
NBT	3	5100	1473	0.29	969	0.19
NBR	D	1700	11	0.01	2	0.00
SBL	2	3400	26	0.01	20	0.01
SBT	3	5100	833	0.16*	1447	0.28*
SBR	1	1700	257	0.15	195	0.11
EBL	1.5	2550	118	0.04*	417	0.13*
EBT	0.5	850	11	0.04	32	0.13
EBR	F		220		752	
WBL	1.5	2550	6	0.01	13	0.01
WBT	1	1700	22	0.01*	25	0.01*
WBR	1.5	2550	16	0.01	28	0.01

Adjustment
Overlaps S Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.41 0.56

518 - Alton Pkwy. @ Commercentre
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	638	0.13	1422	0.28*
NBR	D	1700	329	0.19	271	0.16
SBL	1	1700	237	0.14	62	0.04*
SBT	3	5100	1537	0.30*	798	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	238	0.07*	537	0.16*
WBT	0		0		0	
WBR	1.5	1700	89	0.05	263	0.15

Adjustment
Overlaps Clearance 0.05

Total ICU 0.42 0.53

520 - Keystone @ Trabuco Rd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	127	0.04*	33	0.01*
SBT	0		0		0	
SBR	1	1700	417	0.25	181	0.11
EBL	2	3400	157	0.05*	316	0.09*
EBT	2	3400	401	0.12	376	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	794	0.23*	584	0.17*
WBR	1	1700	38	0.02	78	0.05

Adjustment SBR 0.17 SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.54 0.35

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Pending With Project-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	250	0.15*	147	0.09
NBT	2	3400	712	0.21	1365	0.40*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1159	0.34*	859	0.25
SBR	1	1700	308	0.18	158	0.09
EBL	2	3400	119	0.04*	333	0.10*
EBT	0		0		0	
EBR	1	1700	151	0.09	140	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	145	0.04	162	0.05*
NBT	1	1700	11	0.01*	32	0.02
NBR	D	1700	49	0.03	94	0.06
SBL	1	1700	105	0.06*	14	0.01
SBT	2	3400	55	0.02	12	0.00*
SBR	D	1700	22	0.01	31	0.02
EBL	1	1700	6	0.00	41	0.02*
EBT	2	3400	996	0.29*	934	0.27
EBR	D	1700	183	0.11	95	0.06
WBL	1	1700	134	0.08*	40	0.02
WBT	2	3400	782	0.23	945	0.28*
WBR	D	1700	36	0.02	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.40

558 - Ridge Valley @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	350	0.10*	292	0.09*
NBT	2	3400	200	0.06	147	0.04
NBR	D	1700	96	0.06	95	0.06
SBL	1	1700	195	0.11	85	0.05
SBT	2	3400	286	0.08*	77	0.02*
SBR	F		468		241	
EBL	2	3400	106	0.03*	394	0.12*
EBT	3	5100	1284	0.25	1307	0.26
EBR	1	1700	143	0.08	301	0.18
WBL	2	3400	37	0.01	90	0.03
WBT	3	5100	1365	0.27*	1631	0.32*
WBR	1	1700	85	0.05	84	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.60

559 - Ridge Valley @ Great Park Blvd.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	261	0.08*	430	0.13*
NBT	2	1700	9	0.01	67	0.04
NBR	0	1700	34	0.02	105	0.06
SBL	1	1700	65	0.04	89	0.05
SBT	2	3400	17	0.01*	25	0.01*
SBR	F		502		364	
EBL	2	3400	250	0.07*	551	0.16*
EBT	2	3400	954	0.28	855	0.25
EBR	F		243		242	
WBL	1	1700	25	0.01	47	0.03
WBT	2	3400	752	0.23*	682	0.23*
WBR	0		26		107	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.44		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	258	0.15*
NBT	1	1700	3	0.02*	38	0.06
NBR	0		23		60	
SBL	1	1700	109	0.06*	57	0.03
SBT	1	1700	22	0.01	5	0.00*
SBR	1	1700	273	0.16	248	0.15
EBL	2	3400	145	0.04*	855	0.25*
EBT	2	3400	1011	0.30	1342	0.39
EBR	D	1700	201	0.12	118	0.07
WBL	1	1700	106	0.06	14	0.01
WBT	2	3400	1342	0.39*	682	0.20*
WBR	1	1700	77	0.05	101	0.06
Adjustment			SBR	0.07		
Overlaps		S		Clearance		0.05
Total ICU				0.63		0.65

561 - Bosque @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	138	0.08*	145	0.09*
NBT	0		0		0	
NBR	1	1700	321	0.19	305	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1481	0.29*	1187	0.23
EBR	1	1700	134	0.08	92	0.05
WBL	1	1700	261	0.15*	217	0.13
WBT	3	5100	1628	0.32	1943	0.38*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.52

562 - Skyhawk @ Marine Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		59	0.03*
SBT	1	1700	0	*	0	
SBR	1	1700	479	0.28	210	0.12
EBL	1	1700	159	0.09*	595	0.35*
EBT	2	3400	1099	0.32	1043	0.31
EBR	0		0		0	
WBL	1	1700	0		0	
WBT	2	3400	1122	0.33*	825	0.24*
WBR	1	1700	0		132	0.08
Adjustment			SBR	0.21		
Overlaps					Clearance	0.05
Total ICU				0.68		0.67

563 - Chinon @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	318	0.12*	89	0.05*
NBT	0		0		0	
NBR	0.5	850	94	0.12	99	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1673	0.33*	828	0.16
EBR	1	1700	289	0.17	45	0.03
WBL	1	1700	37	0.02*	99	0.06
WBT	3	5100	724	0.14	1654	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.42

565 - Treble @ Marine Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	299	0.18*	95	0.06*
NBT	1	1700	63	0.12	35	0.05
NBR	0		140		43	
SBL	2	3400	296	0.09	180	0.05
SBT	1	1700	24	0.39*	48	0.26*
SBR	0		631		398	
EBL	1	1700	384	0.23*	575	0.34*
EBT	2	3400	849	0.25	702	0.21
EBR	D	1700	67	0.04	185	0.11
WBL	1	1700	24	0.01	96	0.06
WBT	2	3400	643	0.19*	801	0.24*
WBR	1	1700	136	0.08	298	0.18
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				1.04		0.95

566 - Marine Wy. @ Barranca Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	62	0.02*	182	0.05
NBT	2	3400	222	0.07	749	0.22*
NBR	1	1700	58	0.03	149	0.09
SBL	2	3400	624	0.18	435	0.13*
SBT	2	3400	973	0.29*	313	0.09
SBR	1	1700	667	0.39	534	0.31
EBL	2	3400	253	0.07*	633	0.19*
EBT	2	3400	66	0.02	126	0.04
EBR	1	1700	103	0.06	90	0.05
WBL	2	3400	129	0.04	101	0.03
WBT	2	3400	88	0.03*	173	0.05*
WBR	1	1700	318	0.19	709	0.42
Adjustment			SBR	0.05	WBR	0.27
Overlaps					Clearance	0.05
Total ICU				0.51		0.91

567 - Marine Wy. @ Alton Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	642	0.19*	744	0.22*
NBT	2	3400	67	0.02	24	0.01
NBR	1	1700	562	0.33	650	0.38
SBL	2	3400	12	0.00	77	0.02
SBT	2	3400	18	0.01*	140	0.04*
SBR	1	1700	14	0.01	88	0.05
EBL	2	3400	80	0.02	15	0.00
EBT	3	5100	671	0.13*	399	0.08*
EBR	F		992		725	
WBL	2	3400	416	0.12*	573	0.17*
WBT	3	5100	322	0.06	361	0.07
WBR	1	1700	34	0.02	12	0.01
Adjustment			NBR	0.04	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.54		0.57

568 - Ada @ Marine Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	427	0.25*	420	0.25*
NBT	0		0		0	
NBR	1	1700	552	0.32	509	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0	*	0	
EBT	2	3400	748	0.32	953	0.42*
EBR	0		349		462	
WBL	0		592		479	*
WBT	2	3400	981	0.46*	815	0.38
WBR	1	1700	0		0	
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.76		0.77

569 - Bake Pkwy @ Marine Wy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1038	0.31*	693	0.20*
NBT	4	6800	3096	0.46	3344	0.49
NBR	1	1700	163	0.10	65	0.04
SBL	1	1700	124	0.07	48	0.03
SBT	4	6800	2843	0.42*	3566	0.52*
SBR	F		790		514	
EBL	2	3400	443	0.13*	710	0.21*
EBT	1	1700	23	0.01	14	0.01
EBR	2	3400	534	0.16	1021	0.30
WBL	1	1700	33	0.02	138	0.08
WBT	2	3400	9	0.00*	20	0.01*
WBR	D	1700	28	0.02	96	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.91		0.99

571 - Portola Springs @ Portola Pkwy.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	209	0.06
NBT	1	1700	55	0.08	48	0.09*
NBR	0		76		105	
SBL	1	1700	21	0.01	36	0.02*
SBT	1	1700	80	0.05*	27	0.02
SBR	D	1700	169	0.10	69	0.04
EBL	1	1700	63	0.04	116	0.07
EBT	2	3400	487	0.14*	750	0.22*
EBR	1	1700	286	0.17	88	0.05
WBL	1	1700	63	0.04*	65	0.04*
WBT	2	3400	364	0.11	627	0.18
WBR	D	1700	8	0.00	45	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.42

572 - Modjeska @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	56	0.03
NBT	1	1700	24	0.01*	36	0.02*
NBR	1	1700	69	0.04	38	0.02
SBL	2	3400	541	0.16*	162	0.05*
SBT	1	1700	95	0.06	22	0.01
SBR	1	1700	468	0.28	336	0.20
EBL	2	3400	176	0.05	505	0.15*
EBT	3	5100	1348	0.26*	830	0.16
EBR	1	1700	57	0.03	62	0.04
WBL	1	1700	76	0.04*	41	0.02
WBT	3	5100	899	0.18	1353	0.27*
WBR	1	1700	270	0.16	265	0.16
Adjustment			SBR	0.05	SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.57		0.59

575 - Ridge Valley @ Hornet
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	54	0.03
NBT	2	3400	49	0.03	440	0.16*
NBR	0		47		115	
SBL	1	1700	60	0.04	94	0.06*
SBT	2	3400	348	0.10*	121	0.04
SBR	D	1700	49	0.03	37	0.02
EBL	1	1700	93	0.05*	50	0.03*
EBT	1	1700	29	0.04	4	0.01
EBR	0		36		16	
WBL	1	1700	58	0.03	55	0.03
WBT	1	1700	9	0.02*	6	0.09*
WBR	0		33		142	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.39

576 - Ridge Valley @ Phantom
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	29	0.02
NBT	2	3400	140	0.05	680	0.25*
NBR	0		36		157	
SBL	1	1700	14	0.01	30	0.02*
SBT	2	3400	384	0.11*	244	0.07
SBR	0		5		6	
EBL	1	1700	4	0.00	7	0.00
EBT	1	1700	1	0.02*	2	0.01*
EBR	0		29		13	
WBL	1	1700	39	0.02*	67	0.04*
WBT	1	1700	1	0.00	2	0.02
WBR	0		5		36	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.21		0.37

577 - Pusan Way @ Irvine Bl.
Buildout Pending With Project-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	29	0.02
NBT	1	1700	54	0.03	53	0.03*
NBR	1	1700	66	0.04	47	0.03
SBL	1	1700	23	0.01	39	0.02*
SBT	1	1700	62	0.04*	30	0.02
SBR	1	1700	158	0.09	150	0.09
EBL	1	1700	100	0.06	184	0.11*
EBT	3	5100	1855	0.36*	868	0.17
EBR	1	1700	48	0.03	23	0.01
WBL	1	1700	49	0.03*	49	0.03
WBT	3	5100	1095	0.21	1646	0.32*
WBR	1	1700	48	0.03	65	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.53

579 - Merit @ Irvine Bl.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05*	83	0.02*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	200	0.12	99	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	28	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1351	0.26*	821	0.16
EBR	1	1700	372	0.22	43	0.03
WBL	2	3400	191	0.06*	109	0.03
WBT	3	5100	545	0.11	1726	0.34*
WBR	1	1700	35	0.02	42	0.02
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.50		0.43

581 - Lynx @ Irvine Bl.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	93	0.05*	24	0.01*
NBT	1	1700	0		0	
NBR	1	1700	81	0.05	20	0.01
SBL	1	1700	4	0.00	5	0.00
SBT	1	1700	0	0.00*	0	0.00*
SBR	0		5		5	
EBL	1	1700	7	0.00	4	0.00*
EBT	3	5100	1474	0.29*	943	0.18
EBR	1	1700	144	0.08	11	0.01
WBL	1	1700	58	0.03*	19	0.01
WBT	3	5100	684	0.13	1917	0.38*
WBR	0		3		6	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	218	0.10*	114	0.06*
SBT	0		0		0	
SBR	1.5	2550	315	0.10	215	0.06
EBL	1	1700	65	0.04*	395	0.23*
EBT	3	5100	1530	0.30	1396	0.27
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1947	0.38*	1451	0.28*
WBR	D	1700	57	0.03	218	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.62

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	96	0.04*	139	0.06*
NBR	0		27		59	
SBL	2	3400	401	0.12*	782	0.23*
SBT	1	1700	91	0.05	116	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	49	0.03*	63	0.04*
WBT	0		0		0	
WBR	2	3400	1272	0.37	423	0.12
Adjustment			WBR	0.25		
Overlaps					Clearance	0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	146	0.09*	257	0.15*
NBT	3	3400	317	0.09	897	0.20
NBR	0	1700	165	0.10	110	
SBL	1	1700	4	0.00	2	0.00
SBT	3	5100	1159	0.30*	349	0.10*
SBR	0		381		412	0.24
EBL	1	1700	527	0.31*	389	0.23*
EBT	1	1700	198	0.20	245	0.27
EBR	0		145		216	
WBL	1	1700	86	0.05	26	0.02
WBT	1	1700	230	0.14*	146	0.09*
WBR	0		3		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.89		0.62

595 - Skyhawk @ Great Park Blvd
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	129	
NBT	2	1700	0		0	0.08*
NBR	0	1700	264	0.16	473	0.28
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	908	0.27	855	0.26
EBR	0		0		43	
WBL	0		236		199	
WBT	2	3400	704	0.28*	1092	0.38*
WBR	0		0		0	
Adjustment			NBR	0.15	NBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.48		0.62

637 - Sterling @ Muirlands Bl.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	91	0.05*
NBT	1	1700	66	0.04*	9	0.03
NBR	0		5		43	
SBL	1	1700	9	0.01*	69	0.04
SBT	1	1700	4	0.01	91	0.08*
SBR	0		12		37	
EBL	1	1700	69	0.04*	3	0.00
EBT	2	3400	329	0.12	941	0.31*
EBR	0		85		116	
WBL	1	1700	4	0.00	15	0.01*
WBT	2	3400	517	0.17*	347	0.10
WBR	0		53		9	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.50

640 - Thomas @ Muirlands Bl.
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	34	0.02*	76	0.04*
NBT	1	1700	29	0.02	8	0.00
NBR	D	1700	4	0.00	22	0.01
SBL	1	1700	14	0.01	27	0.02
SBT	1	1700	10	0.01*	18	0.01*
SBR	D	1700	4	0.00	53	0.03
EBL	1	1700	22	0.01*	3	0.00
EBT	2	3400	199	0.06	970	0.29*
EBR	D	1700	94	0.06	79	0.05
WBL	1	1700	50	0.03	1	0.00*
WBT	2	3400	616	0.18*	334	0.10
WBR	D	1700	15	0.01	2	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.39

641 - Thomas @ Rockfield
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	36	0.02*	304	0.18*
SBT	1	1700	0	0.01	0	0.01
SBR	0		9		23	
EBL	1	1700	51	0.03*	62	0.04*
EBT	2	3400	11	0.00	81	0.02
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	146	0.09*	77	0.03*
WBR	0	1700	254	0.15	31	
Adjustment			WBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.23		0.30

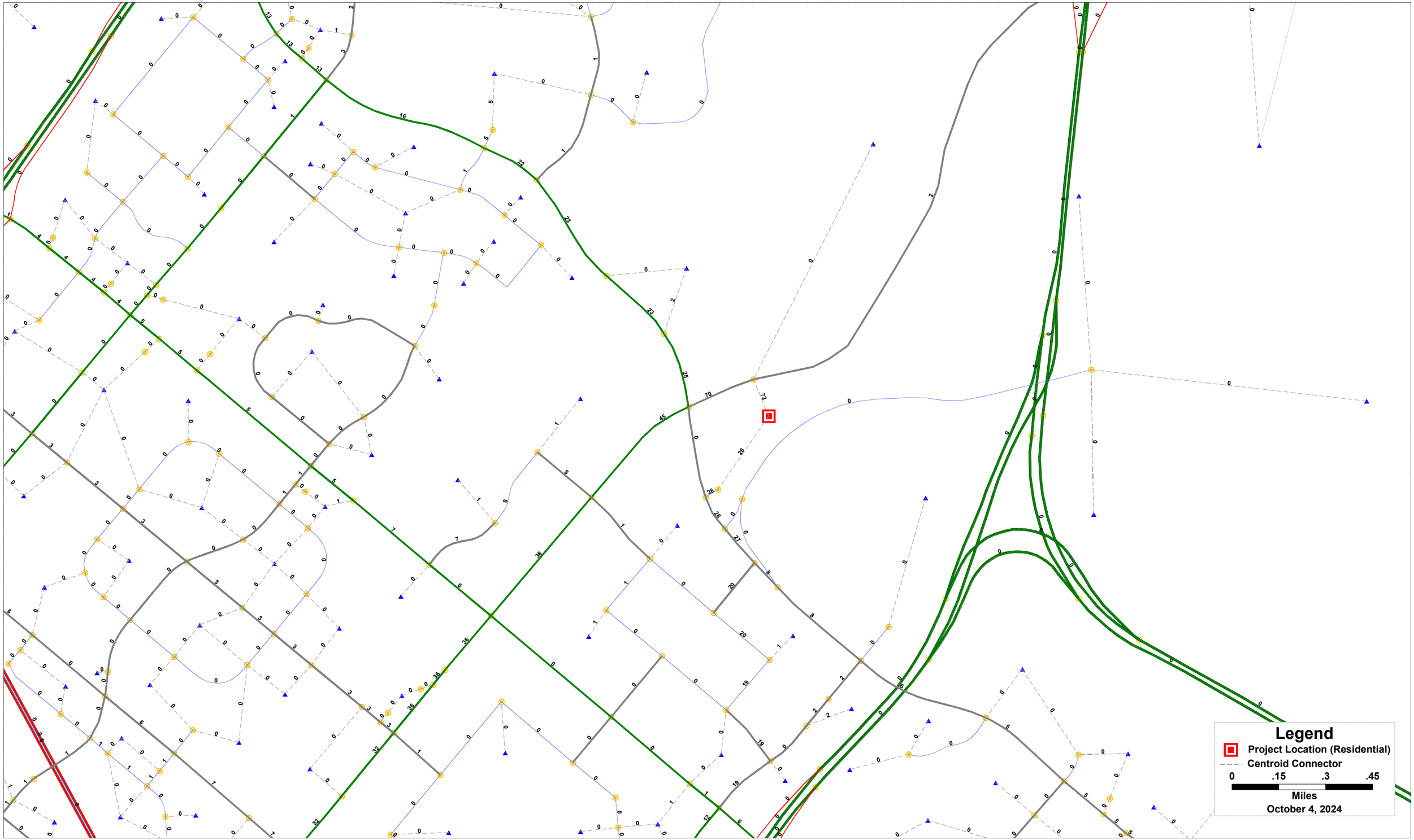
655 - Ridge Valley @ Corsair
Buildout Pending With Project-ITAM
TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	43	0.03
NBT	2	3400	67	0.03	573	0.21*
NBR	0		38		138	
SBL	1	1700	17	0.01	34	0.02*
SBT	2	3400	402	0.12*	154	0.05
SBR	D	1700	17	0.01	0	
EBL	1	1700	11	0.01	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		80		23	
WBL	1	1700	93	0.05*	76	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	26	0.02	19	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.33

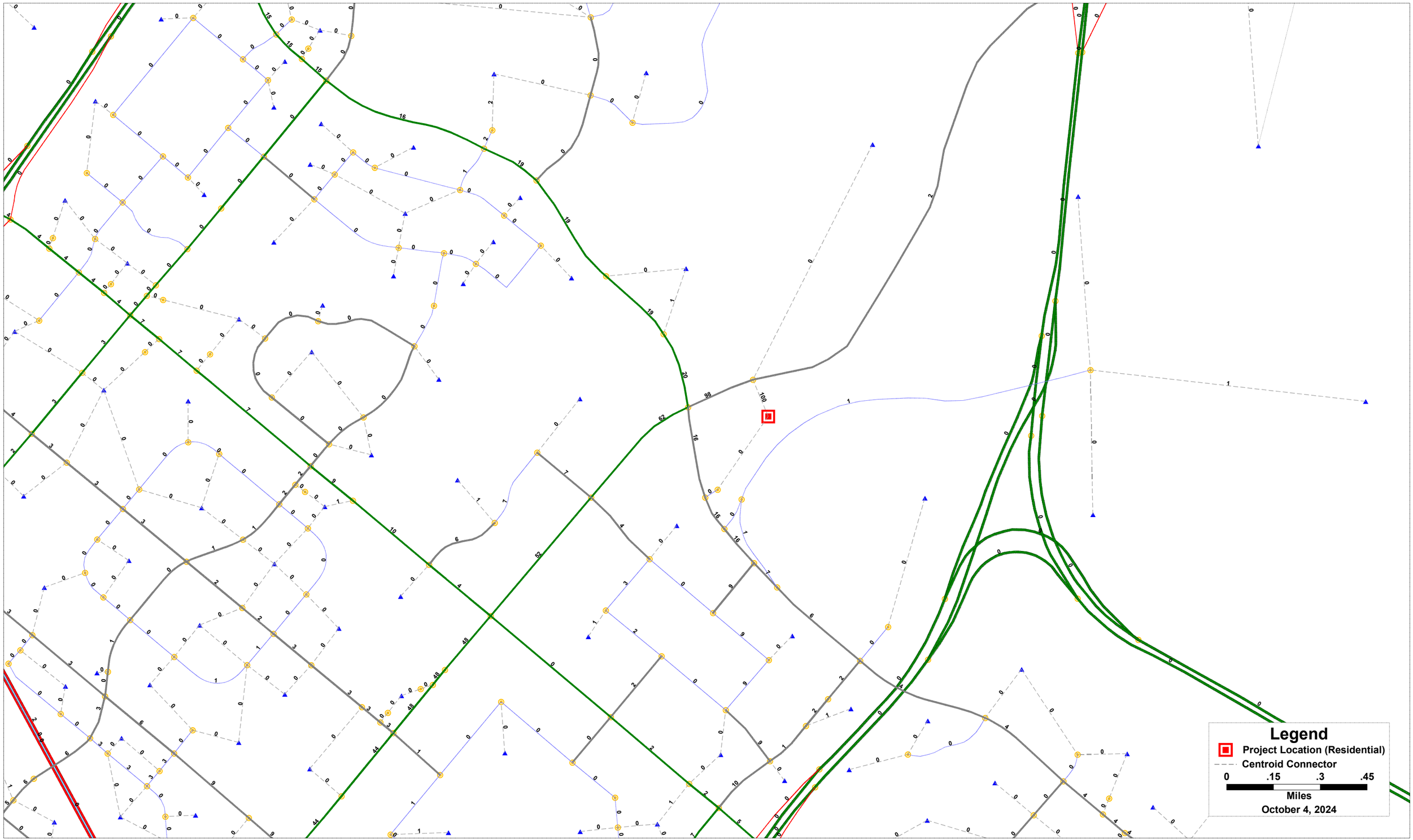
APPENDIX C

ITAM SELECT ZONE ASSIGNMENTS

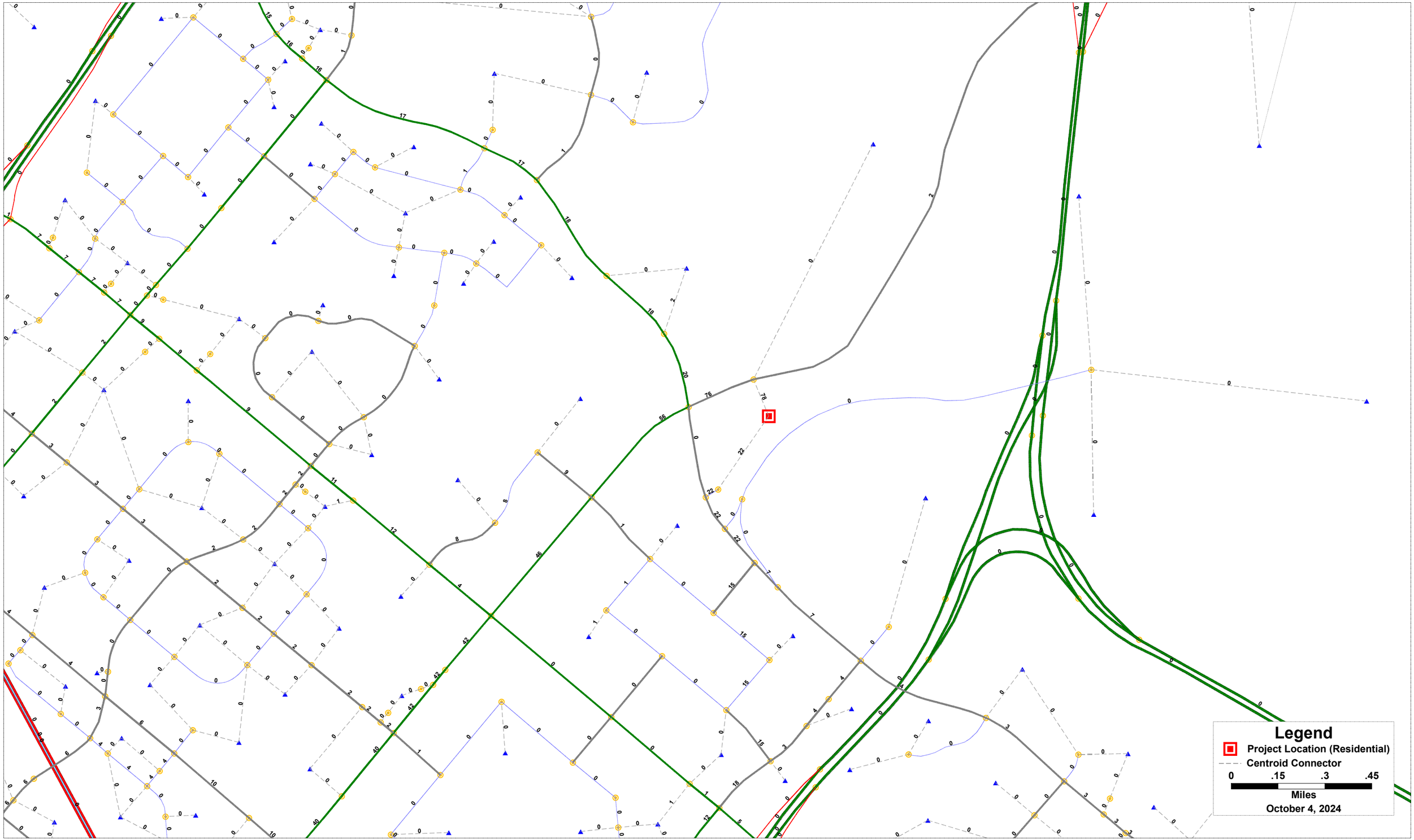
Irvine Gateway Village Project (Residential) AM Inbound Select Zone Distribution Percentages



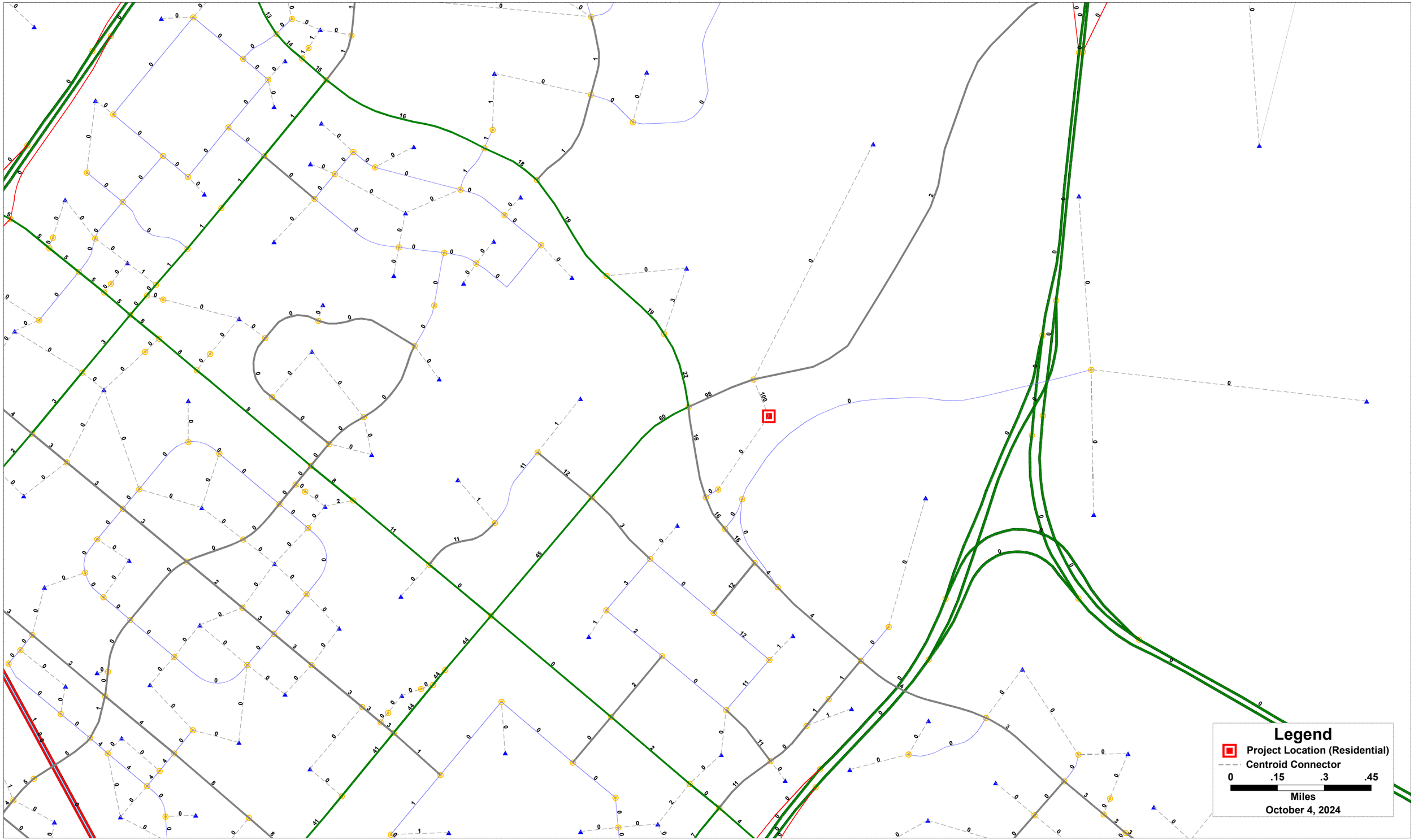
Irvine Gateway Village Project (Residential) AM Outbound Select Zone Distribution Percentages



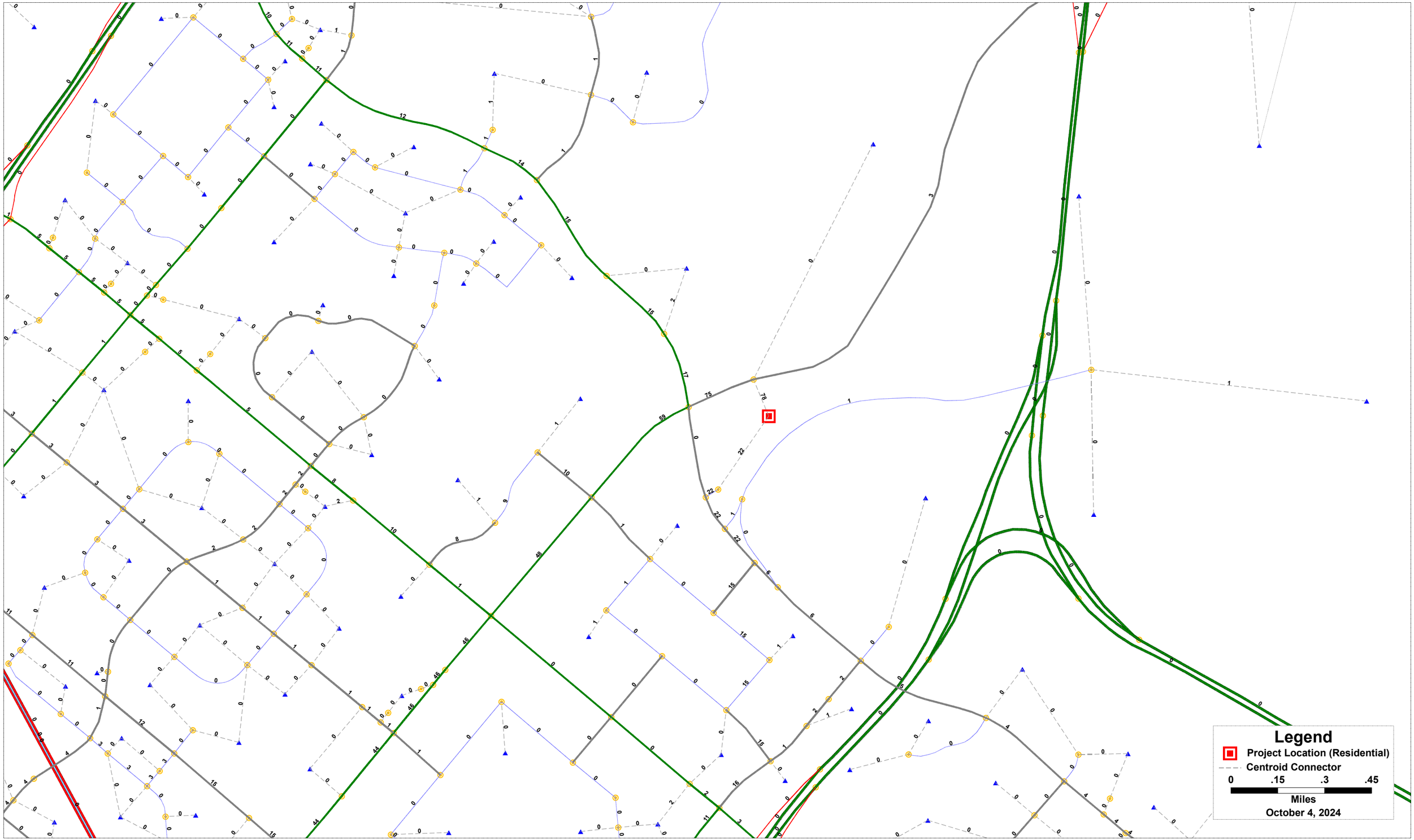
Irvine Gateway Village Project (Residential) PM Inbound Select Zone Distribution Percentages



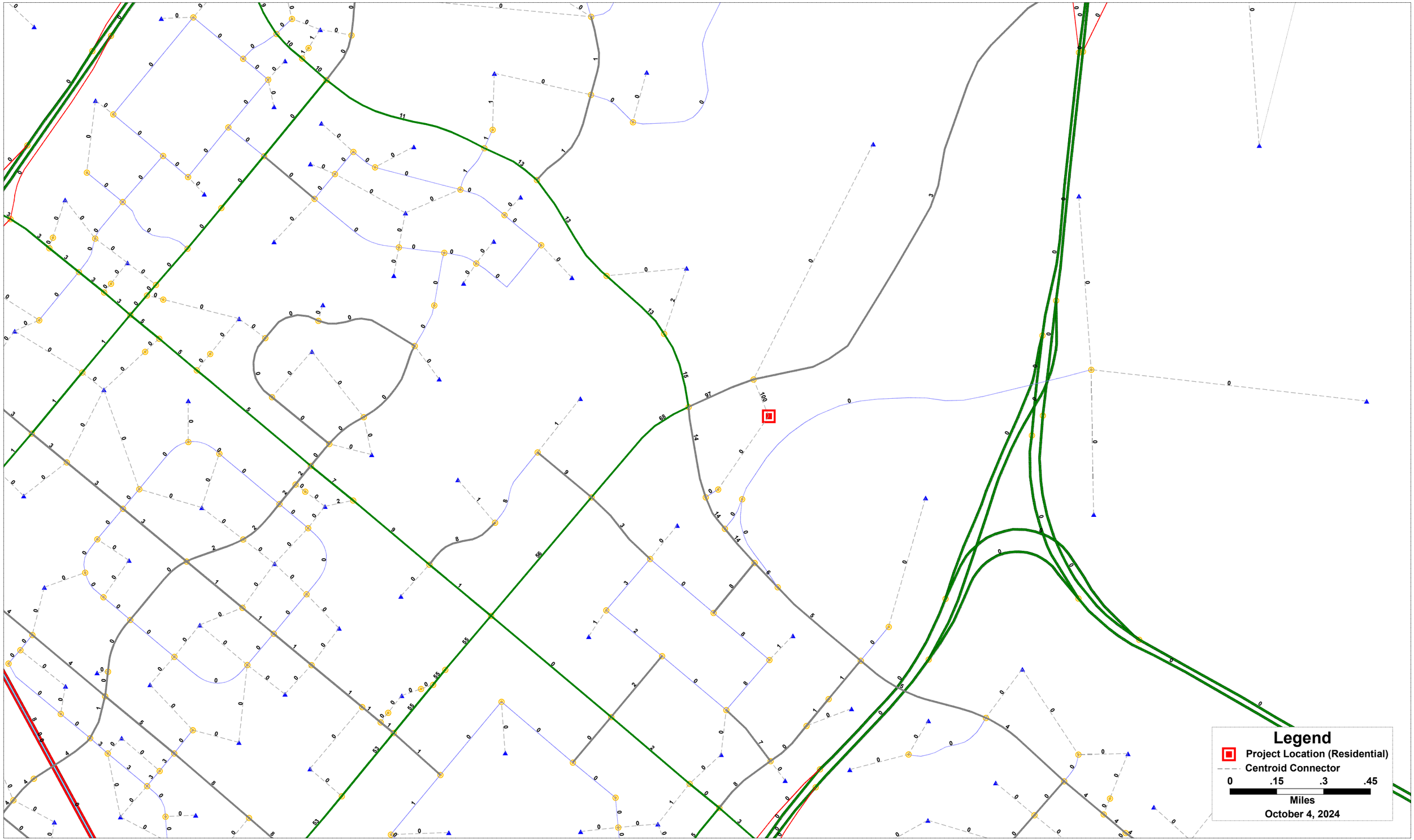
Irvine Gateway Village Project (Residential) PM Outbound Select Zone Distribution Percentages



Irvine Gateway Village Project (Residential) Daily Inbound Select Zone Distribution Percentages



Irvine Gateway Village Project (Residential) Daily Outbound Select Zone Distribution Percentages



APPENDIX D

EXISTING TRAFFIC COUNTS

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Tustin
N/S: Newport Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 16_TUS_NP_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Newport Avenue Southbound				Irvine Boulevard Westbound				Newport Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	20	143	23	186	32	82	7	121	6	89	24	119	18	94	5	117	543
07:15 AM	25	220	35	280	36	123	4	163	20	90	26	136	25	144	7	176	755
07:30 AM	30	248	53	331	39	200	2	241	31	64	32	127	18	169	6	193	892
07:45 AM	23	239	45	307	46	240	9	295	22	142	56	220	38	214	12	264	1086
Total	98	850	156	1104	153	645	22	820	79	385	138	602	99	621	30	750	3276
08:00 AM	25	198	51	274	87	286	7	380	19	156	38	213	39	234	11	284	1151
08:15 AM	37	285	76	398	83	292	8	383	18	118	38	174	34	154	9	197	1152
08:30 AM	18	225	46	289	80	205	6	291	25	71	39	135	24	140	15	179	894
08:45 AM	19	197	59	275	43	176	9	228	26	62	41	129	37	143	7	187	819
Total	99	905	232	1236	293	959	30	1282	88	407	156	651	134	671	42	847	4016
Grand Total	197	1755	388	2340	446	1604	52	2102	167	792	294	1253	233	1292	72	1597	7292
Apprch %	8.4	75	16.6		21.2	76.3	2.5		13.3	63.2	23.5		14.6	80.9	4.5		
Total %	2.7	24.1	5.3	32.1	6.1	22	0.7	28.8	2.3	10.9	4	17.2	3.2	17.7	1	21.9	

	Newport Avenue Southbound				Irvine Boulevard Westbound				Newport Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	23	239	45	307	46	240	9	295	22	142	56	220	38	214	12	264	1086
08:00 AM	25	198	51	274	87	286	7	380	19	156	38	213	39	234	11	284	1151
08:15 AM	37	285	76	398	83	292	8	383	18	118	38	174	34	154	9	197	1152
08:30 AM	18	225	46	289	80	205	6	291	25	71	39	135	24	140	15	179	894
Total Volume	103	947	218	1268	296	1023	30	1349	84	487	171	742	135	742	47	924	4283
% App. Total	8.1	74.7	17.2		21.9	75.8	2.2		11.3	65.6	23		14.6	80.3	5.1		
PHF	.696	.831	.717	.796	.851	.876	.833	.881	.840	.780	.763	.843	.865	.793	.783	.813	.929

Counts Unlimited, Inc.
PO Box 1178
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City of Tustin
N/S: Newport Avenue
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Weather: Clear

File Name : 16_TUS_NP_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
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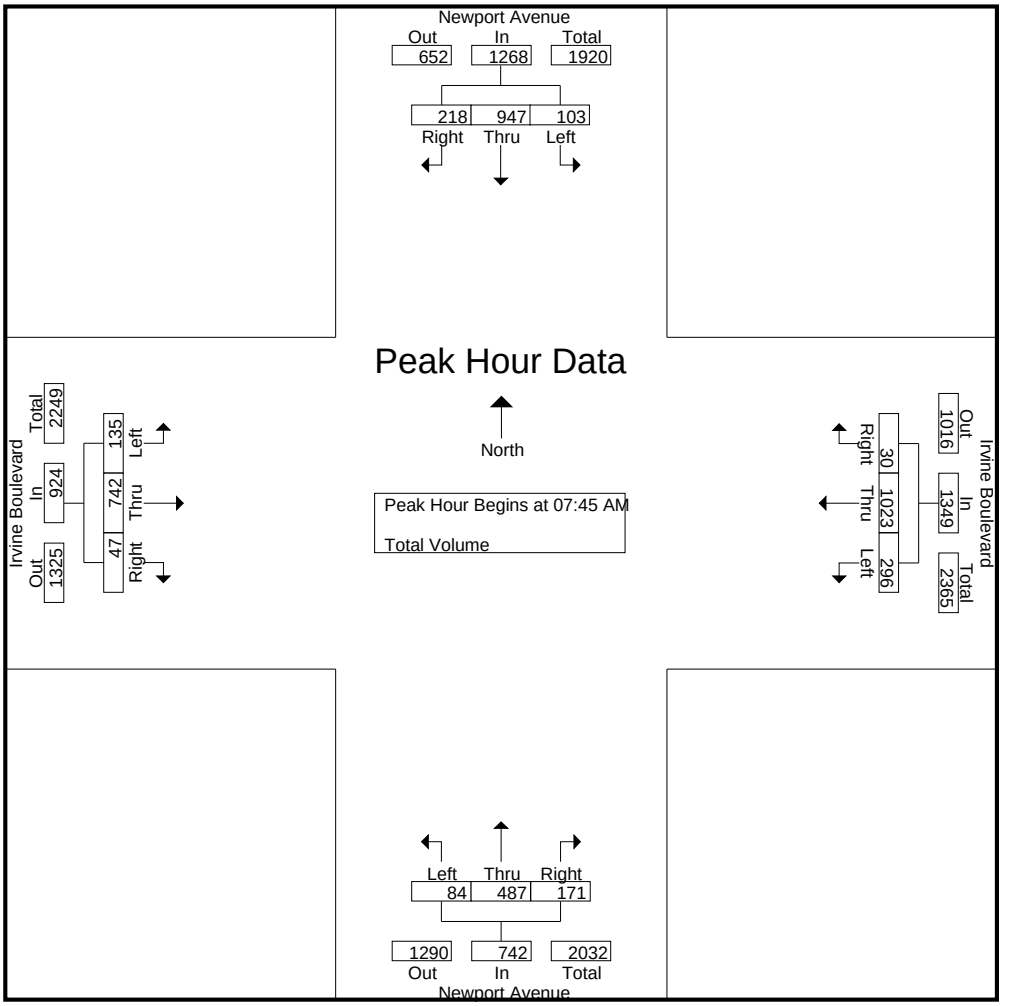

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	30	248	53	331	46	240	9	295	22	142	56	220	18	169	6	193
+15 mins.	23	239	45	307	87	286	7	380	19	156	38	213	38	214	12	264
+30 mins.	25	198	51	274	83	292	8	383	18	118	38	174	39	234	11	284
+45 mins.	37	285	76	398	80	205	6	291	25	71	39	135	34	154	9	197
Total Volume	115	970	225	1310	296	1023	30	1349	84	487	171	742	129	771	38	938
% App. Total	8.8	74	17.2		21.9	75.8	2.2		11.3	65.6	23		13.8	82.2	4.1	
PHF	.777	.851	.740	.823	.851	.876	.833	.881	.840	.780	.763	.843	.827	.824	.792	.826

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City of Tustin
N/S: Newport Avenue
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Weather: Clear

File Name : 16_TUS_NP_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Newport Avenue Southbound				Irvine Boulevard Westbound				Newport Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	27	127	68	222	52	328	11	391	37	166	77	280	49	151	4	204	1097
04:15 PM	26	111	47	184	57	338	11	406	29	178	76	283	63	160	15	238	1111
04:30 PM	39	141	74	254	55	369	12	436	31	168	72	271	44	149	9	202	1163
04:45 PM	27	112	64	203	62	333	10	405	33	177	84	294	47	182	12	241	1143
Total	119	491	253	863	226	1368	44	1638	130	689	309	1128	203	642	40	885	4514
05:00 PM	21	116	68	205	49	350	6	405	36	176	76	288	41	230	10	281	1179
05:15 PM	25	86	51	162	61	304	8	373	39	211	67	317	49	178	10	237	1089
05:30 PM	42	128	46	216	35	340	7	382	25	152	92	269	50	214	12	276	1143
05:45 PM	20	100	49	169	62	318	2	382	36	165	73	274	53	208	8	269	1094
Total	108	430	214	752	207	1312	23	1542	136	704	308	1148	193	830	40	1063	4505
Grand Total	227	921	467	1615	433	2680	67	3180	266	1393	617	2276	396	1472	80	1948	9019
Apprch %	14.1	57	28.9		13.6	84.3	2.1		11.7	61.2	27.1		20.3	75.6	4.1		
Total %	2.5	10.2	5.2	17.9	4.8	29.7	0.7	35.3	2.9	15.4	6.8	25.2	4.4	16.3	0.9	21.6	

	Newport Avenue Southbound				Irvine Boulevard Westbound				Newport Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	26	111	47	184	57	338	11	406	29	178	76	283	63	160	15	238	1111
04:30 PM	39	141	74	254	55	369	12	436	31	168	72	271	44	149	9	202	1163
04:45 PM	27	112	64	203	62	333	10	405	33	177	84	294	47	182	12	241	1143
05:00 PM	21	116	68	205	49	350	6	405	36	176	76	288	41	230	10	281	1179
Total Volume	113	480	253	846	223	1390	39	1652	129	699	308	1136	195	721	46	962	4596
% App. Total	13.4	56.7	29.9		13.5	84.1	2.4		11.4	61.5	27.1		20.3	74.9	4.8		
PHF	.724	.851	.855	.833	.899	.942	.813	.947	.896	.982	.917	.966	.774	.784	.767	.856	.975

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City of Tustin
N/S: Newport Avenue
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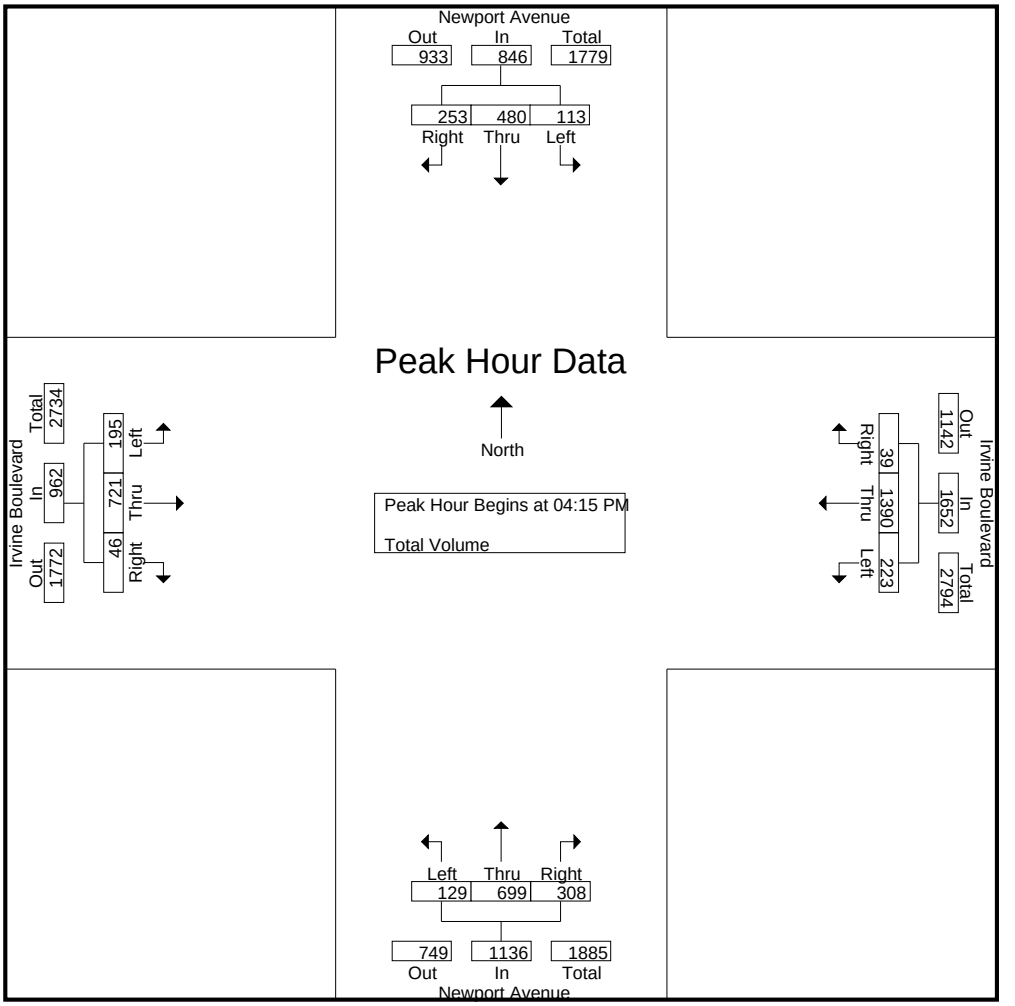
File Name : 16_TUS_NP_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				04:30 PM				05:00 PM			
+0 mins.	27	127	68	222	57	338	11	406	31	168	72	271	41	230	10	281
+15 mins.	26	111	47	184	55	369	12	436	33	177	84	294	49	178	10	237
+30 mins.	39	141	74	254	62	333	10	405	36	176	76	288	50	214	12	276
+45 mins.	27	112	64	203	49	350	6	405	39	211	67	317	53	208	8	269
Total Volume	119	491	253	863	223	1390	39	1652	139	732	299	1170	193	830	40	1063
% App. Total	13.8	56.9	29.3		13.5	84.1	2.4		11.9	62.6	25.6		18.2	78.1	3.8	
PHF	.763	.871	.855	.849	.899	.942	.813	.947	.891	.867	.890	.923	.910	.902	.833	.946

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City of Tustin
N/S: Red Hill Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 34_TUS_RH_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Red Hill Avenue Southbound				Irvine Boulevard Westbound				Red Hill Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	47	9	81	22	121	11	154	36	21	16	73	2	117	43	162	470
07:15 AM	25	60	6	91	33	189	9	231	31	21	9	61	5	192	47	244	627
07:30 AM	37	70	22	129	33	216	16	265	49	52	22	123	9	215	55	279	796
07:45 AM	54	80	12	146	42	391	34	467	52	51	26	129	10	307	62	379	1121
Total	141	257	49	447	130	917	70	1117	168	145	73	386	26	831	207	1064	3014
08:00 AM	66	110	24	200	67	349	21	437	89	59	65	213	13	265	78	356	1206
08:15 AM	44	88	22	154	68	408	20	496	56	40	47	143	8	246	78	332	1125
08:30 AM	25	71	17	113	43	273	11	327	42	32	31	105	12	179	60	251	796
08:45 AM	21	59	18	98	49	255	19	323	34	32	22	88	13	177	38	228	737
Total	156	328	81	565	227	1285	71	1583	221	163	165	549	46	867	254	1167	3864
Grand Total	297	585	130	1012	357	2202	141	2700	389	308	238	935	72	1698	461	2231	6878
Apprch %	29.3	57.8	12.8		13.2	81.6	5.2		41.6	32.9	25.5		3.2	76.1	20.7		
Total %	4.3	8.5	1.9	14.7	5.2	32	2.1	39.3	5.7	4.5	3.5	13.6	1	24.7	6.7	32.4	

	Red Hill Avenue Southbound				Irvine Boulevard Westbound				Red Hill Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	37	70	22	129	33	216	16	265	49	52	22	123	9	215	55	279	796
07:45 AM	54	80	12	146	42	391	34	467	52	51	26	129	10	307	62	379	1121
08:00 AM	66	110	24	200	67	349	21	437	89	59	65	213	13	265	78	356	1206
08:15 AM	44	88	22	154	68	408	20	496	56	40	47	143	8	246	78	332	1125
Total Volume	201	348	80	629	210	1364	91	1665	246	202	160	608	40	1033	273	1346	4248
% App. Total	32	55.3	12.7		12.6	81.9	5.5		40.5	33.2	26.3		3	76.7	20.3		
PHF	.761	.791	.833	.786	.772	.836	.669	.839	.691	.856	.615	.714	.769	.841	.875	.888	.881

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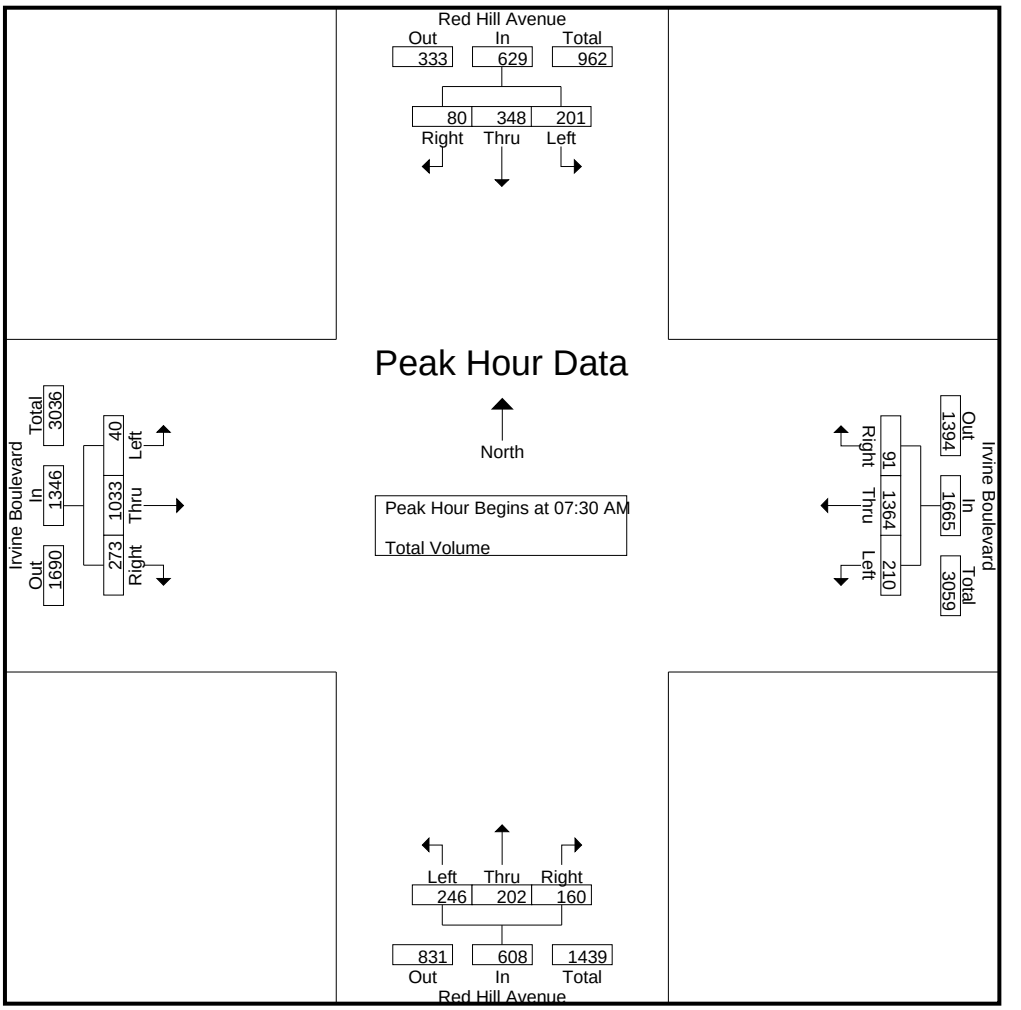
File Name : 34_TUS_RH_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	37	70	22	129	42	391	34	467	49	52	22	123	9	215	55	279
+15 mins.	54	80	12	146	67	349	21	437	52	51	26	129	10	307	62	379
+30 mins.	66	110	24	200	68	408	20	496	89	59	65	213	13	265	78	356
+45 mins.	44	88	22	154	43	273	11	327	56	40	47	143	8	246	78	332
Total Volume	201	348	80	629	220	1421	86	1727	246	202	160	608	40	1033	273	1346
% App. Total	32	55.3	12.7		12.7	82.3	5		40.5	33.2	26.3		3	76.7	20.3	
PHF	.761	.791	.833	.786	.809	.871	.632	.870	.691	.856	.615	.714	.769	.841	.875	.888

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City of Tustin
N/S: Red Hill Avenue
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File Name : 34_TUS_RH_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Red Hill Avenue Southbound				Irvine Boulevard Westbound				Red Hill Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	15	43	14	72	55	426	25	506	105	62	26	193	11	205	46	262	1033
04:15 PM	25	31	17	73	52	532	31	615	89	48	31	168	15	256	46	317	1173
04:30 PM	21	44	9	74	32	462	38	532	92	50	33	175	17	290	44	351	1132
04:45 PM	26	49	19	94	46	484	27	557	98	61	36	195	17	292	46	355	1201
Total	87	167	59	313	185	1904	121	2210	384	221	126	731	60	1043	182	1285	4539
05:00 PM	28	36	14	78	35	426	31	492	108	58	33	199	29	282	46	357	1126
05:15 PM	24	38	13	75	45	485	33	563	90	60	31	181	12	222	35	269	1088
05:30 PM	27	38	11	76	44	432	38	514	119	60	35	214	17	259	48	324	1128
05:45 PM	25	27	10	62	49	476	42	567	102	62	34	198	21	274	52	347	1174
Total	104	139	48	291	173	1819	144	2136	419	240	133	792	79	1037	181	1297	4516
Grand Total	191	306	107	604	358	3723	265	4346	803	461	259	1523	139	2080	363	2582	9055
Apprch %	31.6	50.7	17.7		8.2	85.7	6.1		52.7	30.3	17		5.4	80.6	14.1		
Total %	2.1	3.4	1.2	6.7	4	41.1	2.9	48	8.9	5.1	2.9	16.8	1.5	23	4	28.5	

	Red Hill Avenue Southbound				Irvine Boulevard Westbound				Red Hill Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	25	31	17	73	52	532	31	615	89	48	31	168	15	256	46	317	1173
04:30 PM	21	44	9	74	32	462	38	532	92	50	33	175	17	290	44	351	1132
04:45 PM	26	49	19	94	46	484	27	557	98	61	36	195	17	292	46	355	1201
05:00 PM	28	36	14	78	35	426	31	492	108	58	33	199	29	282	46	357	1126
Total Volume	100	160	59	319	165	1904	127	2196	387	217	133	737	78	1120	182	1380	4632
% App. Total	31.3	50.2	18.5		7.5	86.7	5.8		52.5	29.4	18		5.7	81.2	13.2		
PHF	.893	.816	.776	.848	.793	.895	.836	.893	.896	.889	.924	.926	.672	.959	.989	.966	.964

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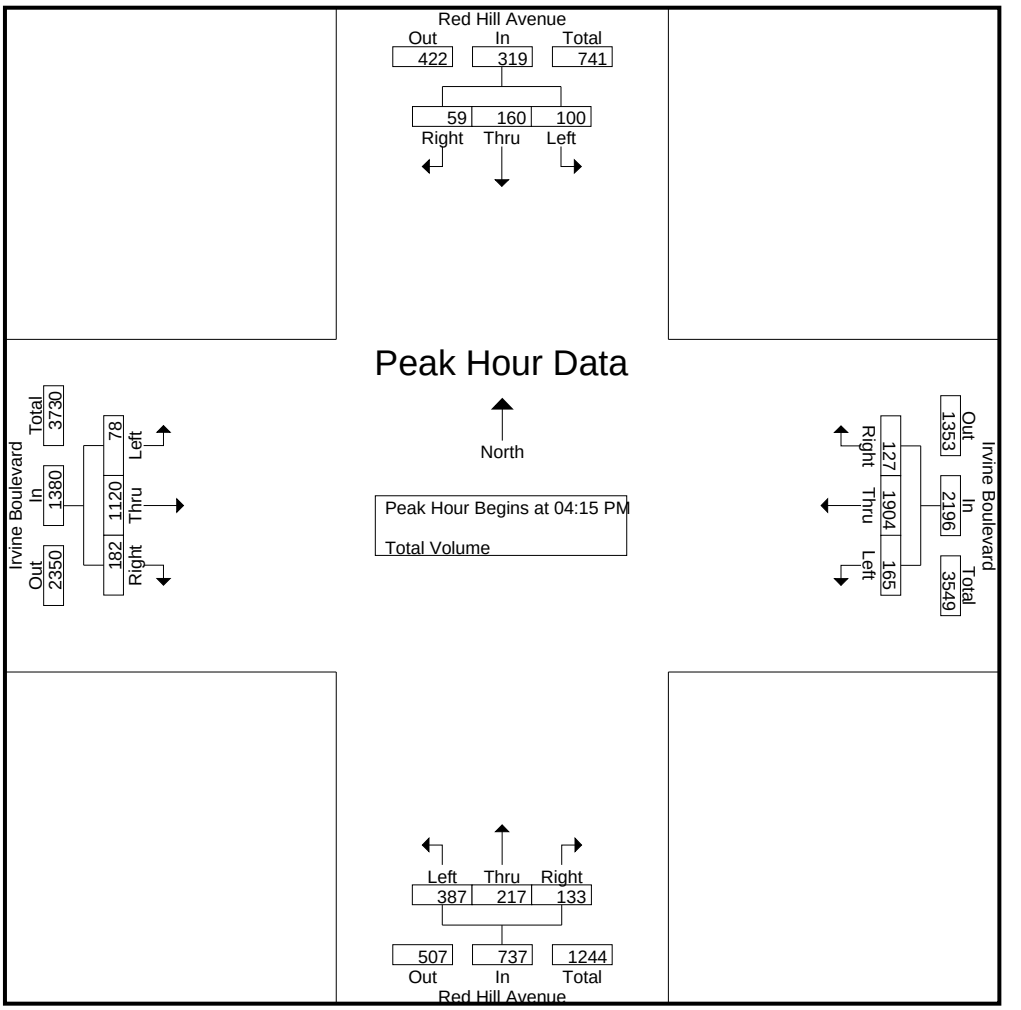

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				05:00 PM				04:15 PM			
+0 mins.	26	49	19	94	55	426	25	506	108	58	33	199	15	256	46	317
+15 mins.	28	36	14	78	52	532	31	615	90	60	31	181	17	290	44	351
+30 mins.	24	38	13	75	32	462	38	532	119	60	35	214	17	292	46	355
+45 mins.	27	38	11	76	46	484	27	557	102	62	34	198	29	282	46	357
Total Volume	105	161	57	323	185	1904	121	2210	419	240	133	792	78	1120	182	1380
% App. Total	32.5	49.8	17.6		8.4	86.2	5.5		52.9	30.3	16.8		5.7	81.2	13.2	
PHF	.938	.821	.750	.859	.841	.895	.796	.898	.880	.968	.950	.925	.672	.959	.989	.966

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City of Tustin
N/S: Browning Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 54_TUS_BRO_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Browning Avenue Southbound				Irvine Boulevard Westbound				Browning Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	1	3	7	3	132	2	137	8	1	2	11	5	156	7	168	323
07:15 AM	0	1	11	12	3	206	4	213	5	2	4	11	5	218	9	232	468
07:30 AM	2	5	11	18	1	261	8	270	14	6	9	29	15	256	7	278	595
07:45 AM	4	10	19	33	7	377	18	402	21	25	18	64	25	322	14	361	860
Total	9	17	44	70	14	976	32	1022	48	34	33	115	50	952	37	1039	2246
08:00 AM	7	17	14	38	15	389	19	423	24	27	24	75	27	369	38	434	970
08:15 AM	32	24	43	99	29	491	2	522	9	6	8	23	4	288	24	316	960
08:30 AM	6	5	9	20	12	323	4	339	3	2	5	10	5	238	8	251	620
08:45 AM	2	6	7	15	5	260	2	267	8	4	5	17	5	206	8	219	518
Total	47	52	73	172	61	1463	27	1551	44	39	42	125	41	1101	78	1220	3068
Grand Total	56	69	117	242	75	2439	59	2573	92	73	75	240	91	2053	115	2259	5314
Apprch %	23.1	28.5	48.3		2.9	94.8	2.3		38.3	30.4	31.2		4	90.9	5.1		
Total %	1.1	1.3	2.2	4.6	1.4	45.9	1.1	48.4	1.7	1.4	1.4	4.5	1.7	38.6	2.2	42.5	

	Browning Avenue Southbound				Irvine Boulevard Westbound				Browning Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	4	10	19	33	7	377	18	402	21	25	18	64	25	322	14	361	860
08:00 AM	7	17	14	38	15	389	19	423	24	27	24	75	27	369	38	434	970
08:15 AM	32	24	43	99	29	491	2	522	9	6	8	23	4	288	24	316	960
08:30 AM	6	5	9	20	12	323	4	339	3	2	5	10	5	238	8	251	620
Total Volume	49	56	85	190	63	1580	43	1686	57	60	55	172	61	1217	84	1362	3410
% App. Total	25.8	29.5	44.7		3.7	93.7	2.6		33.1	34.9	32		4.5	89.4	6.2		
PHF	.383	.583	.494	.480	.543	.804	.566	.807	.594	.556	.573	.573	.565	.825	.553	.785	.879

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City of Tustin
N/S: Browning Avenue
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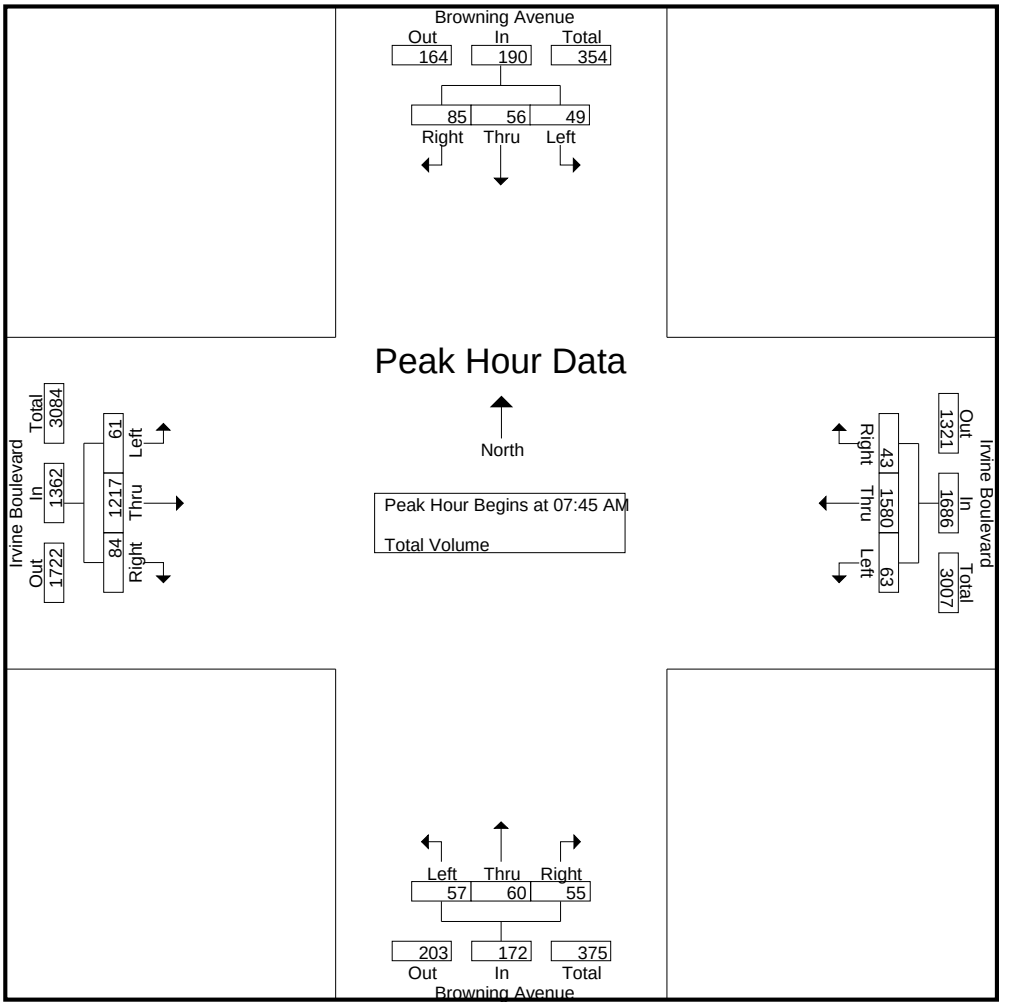
Weather: Clear

File Name : 54_TUS_BRO_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	4	10	19	33	7	377	18	402	14	6	9	29	15	256	7	278
+15 mins.	7	17	14	38	15	389	19	423	21	25	18	64	25	322	14	361
+30 mins.	32	24	43	99	29	491	2	522	24	27	24	75	27	369	38	434
+45 mins.	6	5	9	20	12	323	4	339	9	6	8	23	4	288	24	316
Total Volume	49	56	85	190	63	1580	43	1686	68	64	59	191	71	1235	83	1389
% App. Total	25.8	29.5	44.7		3.7	93.7	2.6		35.6	33.5	30.9		5.1	88.9	6	
PHF	.383	.583	.494	.480	.543	.804	.566	.807	.708	.593	.615	.637	.657	.837	.546	.800

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City of Tustin
N/S: Browning Avenue
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Weather: Clear

File Name : 54_TUS_BRO_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Browning Avenue Southbound				Irvine Boulevard Westbound				Browning Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	10	13	28	12	509	5	526	11	3	4	18	8	245	14	267	839
04:15 PM	6	5	11	22	10	555	10	575	11	2	11	24	8	271	9	288	909
04:30 PM	8	4	8	20	8	551	10	569	12	4	5	21	6	294	16	316	926
04:45 PM	5	9	8	22	20	458	6	484	13	4	8	25	13	308	16	337	868
Total	24	28	40	92	50	2073	31	2154	47	13	28	88	35	1118	55	1208	3542
05:00 PM	6	7	8	21	11	517	11	539	9	5	9	23	6	345	9	360	943
05:15 PM	10	7	8	25	11	546	11	568	12	4	7	23	0	275	12	287	903
05:30 PM	4	9	9	22	9	523	6	538	15	4	9	28	6	311	20	337	925
05:45 PM	6	9	13	28	13	497	4	514	17	10	7	34	6	298	11	315	891
Total	26	32	38	96	44	2083	32	2159	53	23	32	108	18	1229	52	1299	3662
Grand Total	50	60	78	188	94	4156	63	4313	100	36	60	196	53	2347	107	2507	7204
Apprch %	26.6	31.9	41.5		2.2	96.4	1.5		51	18.4	30.6		2.1	93.6	4.3		
Total %	0.7	0.8	1.1	2.6	1.3	57.7	0.9	59.9	1.4	0.5	0.8	2.7	0.7	32.6	1.5	34.8	

	Browning Avenue Southbound				Irvine Boulevard Westbound				Browning Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	6	7	8	21	11	517	11	539	9	5	9	23	6	345	9	360	943
05:15 PM	10	7	8	25	11	546	11	568	12	4	7	23	0	275	12	287	903
05:30 PM	4	9	9	22	9	523	6	538	15	4	9	28	6	311	20	337	925
05:45 PM	6	9	13	28	13	497	4	514	17	10	7	34	6	298	11	315	891
Total Volume	26	32	38	96	44	2083	32	2159	53	23	32	108	18	1229	52	1299	3662
% App. Total	27.1	33.3	39.6		2	96.5	1.5		49.1	21.3	29.6		1.4	94.6	4		
PHF	.650	.889	.731	.857	.846	.954	.727	.950	.779	.575	.889	.794	.750	.891	.650	.902	.971

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City of Tustin
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File Name : 54_TUS_BRO_IRV B PM
Site Code : 05124139
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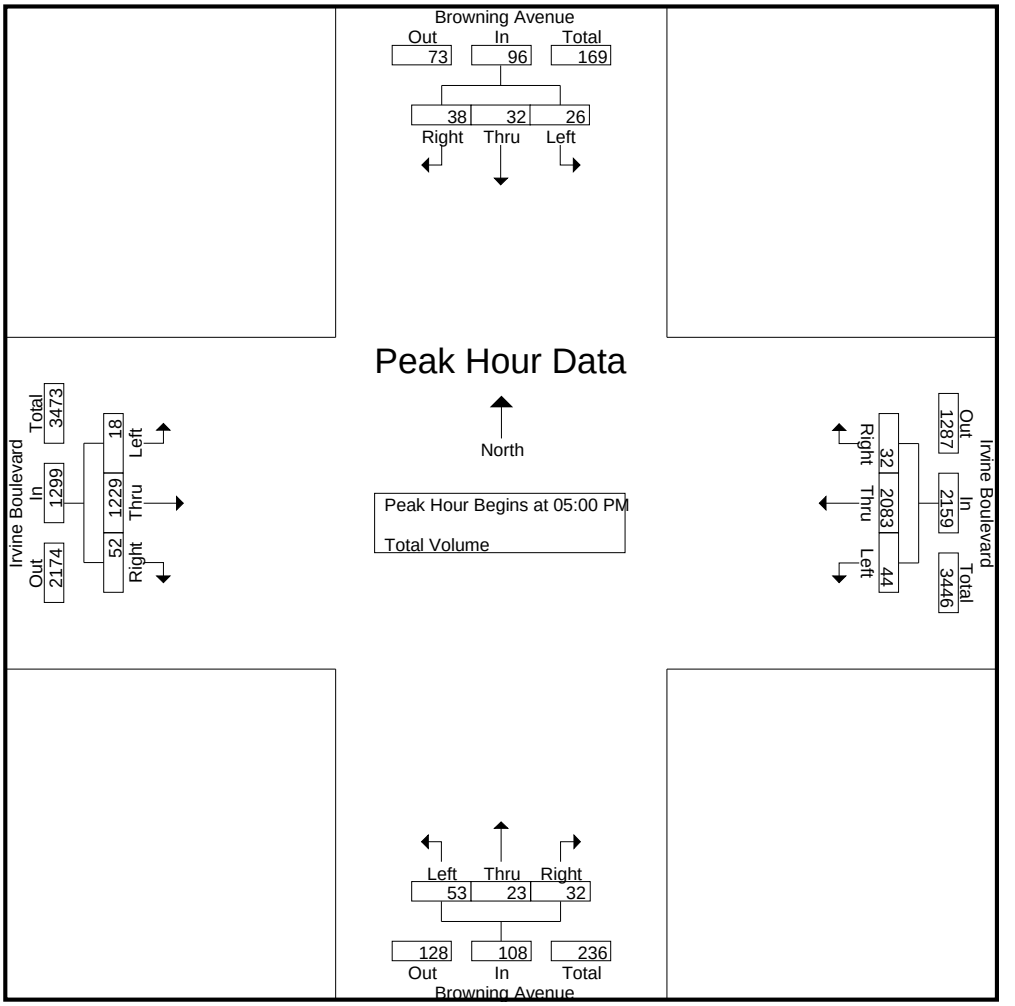

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				05:00 PM				04:45 PM			
+0 mins.	6	7	8	21	10	555	10	575	9	5	9	23	13	308	16	337
+15 mins.	10	7	8	25	8	551	10	569	12	4	7	23	6	345	9	360
+30 mins.	4	9	9	22	20	458	6	484	15	4	9	28	0	275	12	287
+45 mins.	6	9	13	28	11	517	11	539	17	10	7	34	6	311	20	337
Total Volume	26	32	38	96	49	2081	37	2167	53	23	32	108	25	1239	57	1321
% App. Total	27.1	33.3	39.6		2.3	96	1.7		49.1	21.3	29.6		1.9	93.8	4.3	
PHF	.650	.889	.731	.857	.613	.937	.841	.942	.779	.575	.889	.794	.481	.898	.713	.917

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City of Tustin
N/S: Tustin Ranch Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 91_TUS_TR_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Tustin Ranch Road Southbound				Irvine Boulevard Westbound				Tustin Ranch Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	29	148	27	204	36	88	1	125	23	51	12	86	20	86	51	157	572
07:15 AM	30	203	42	275	33	136	24	193	37	59	28	124	22	105	69	196	788
07:30 AM	25	214	67	306	67	180	32	279	50	140	31	221	38	147	99	284	1090
07:45 AM	46	306	110	462	45	248	26	319	62	167	70	299	67	173	98	338	1418
Total	130	871	246	1247	181	652	83	916	172	417	141	730	147	511	317	975	3868
08:00 AM	52	324	116	492	86	308	34	428	70	144	55	269	74	202	122	398	1587
08:15 AM	81	321	132	534	72	241	40	353	48	143	35	226	58	168	94	320	1433
08:30 AM	39	250	95	384	63	201	30	294	43	121	22	186	67	129	78	274	1138
08:45 AM	25	193	67	285	44	191	25	260	51	78	30	159	41	94	36	171	875
Total	197	1088	410	1695	265	941	129	1335	212	486	142	840	240	593	330	1163	5033
Grand Total	327	1959	656	2942	446	1593	212	2251	384	903	283	1570	387	1104	647	2138	8901
Apprch %	11.1	66.6	22.3		19.8	70.8	9.4		24.5	57.5	18		18.1	51.6	30.3		
Total %	3.7	22	7.4	33.1	5	17.9	2.4	25.3	4.3	10.1	3.2	17.6	4.3	12.4	7.3	24	

	Tustin Ranch Road Southbound				Irvine Boulevard Westbound				Tustin Ranch Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	46	306	110	462	45	248	26	319	62	167	70	299	67	173	98	338	1418
08:00 AM	52	324	116	492	86	308	34	428	70	144	55	269	74	202	122	398	1587
08:15 AM	81	321	132	534	72	241	40	353	48	143	35	226	58	168	94	320	1433
08:30 AM	39	250	95	384	63	201	30	294	43	121	22	186	67	129	78	274	1138
Total Volume	218	1201	453	1872	266	998	130	1394	223	575	182	980	266	672	392	1330	5576
% App. Total	11.6	64.2	24.2		19.1	71.6	9.3		22.8	58.7	18.6		20	50.5	29.5		
PHF	.673	.927	.858	.876	.773	.810	.813	.814	.796	.861	.650	.819	.899	.832	.803	.835	.878

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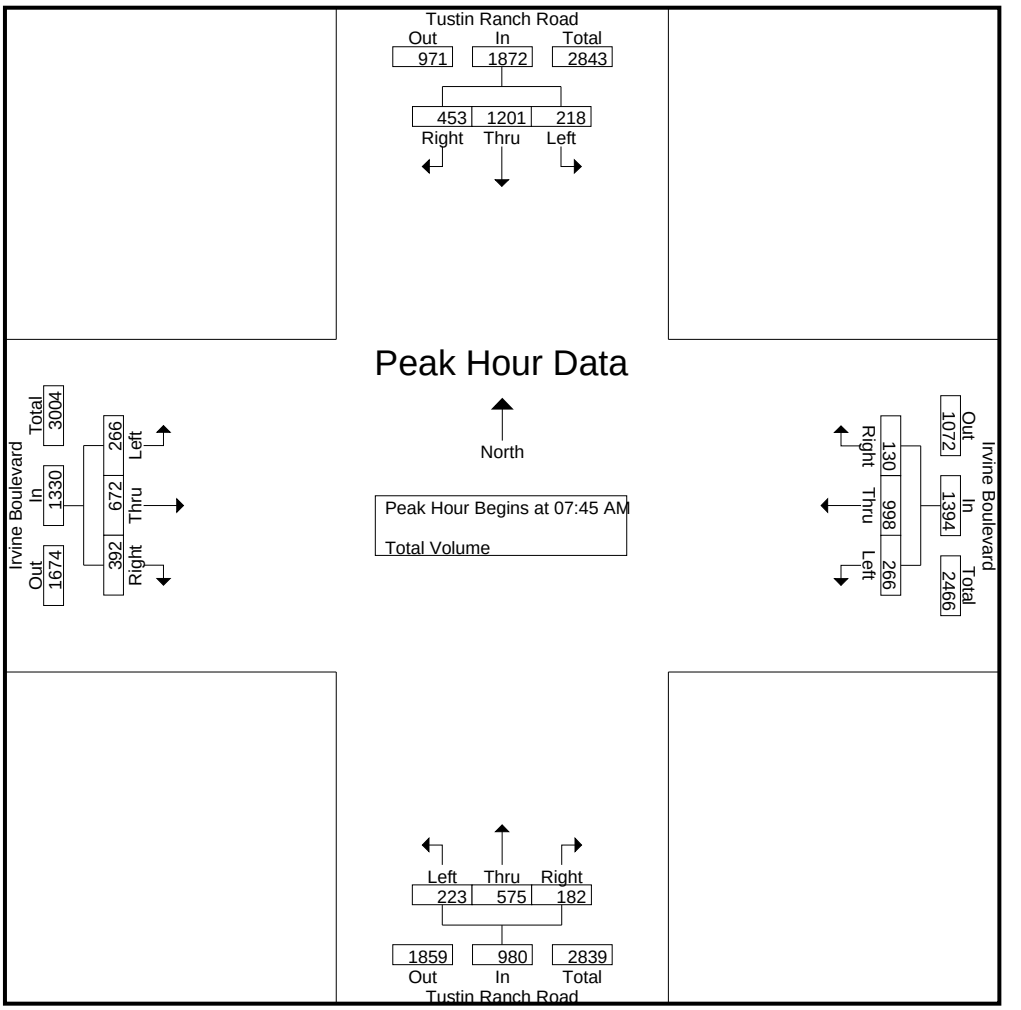
City of Tustin
N/S: Tustin Ranch Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 91_TUS_TR_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	46	306	110	462	45	248	26	319	50	140	31	221	38	147	99	284
+15 mins.	52	324	116	492	86	308	34	428	62	167	70	299	67	173	98	338
+30 mins.	81	321	132	534	72	241	40	353	70	144	55	269	74	202	122	398
+45 mins.	39	250	95	384	63	201	30	294	48	143	35	226	58	168	94	320
Total Volume	218	1201	453	1872	266	998	130	1394	230	594	191	1015	237	690	413	1340
% App. Total	11.6	64.2	24.2		19.1	71.6	9.3		22.7	58.5	18.8		17.7	51.5	30.8	
PHF	.673	.927	.858	.876	.773	.810	.813	.814	.821	.889	.682	.849	.801	.854	.846	.842

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City of Tustin
N/S: Tustin Ranch Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 91_TUS_TR_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
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Groups Printed- Total Volume

	Tustin Ranch Road Southbound				Irvine Boulevard Westbound				Tustin Ranch Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	28	127	64	219	33	369	51	453	111	170	62	343	36	157	58	251	1266
04:15 PM	25	109	105	239	46	342	47	435	137	185	59	381	51	169	60	280	1335
04:30 PM	34	120	88	242	39	374	61	474	123	179	51	353	38	190	82	310	1379
04:45 PM	29	103	78	210	47	310	56	413	101	195	75	371	68	178	61	307	1301
Total	116	459	335	910	165	1395	215	1775	472	729	247	1448	193	694	261	1148	5281
05:00 PM	19	130	71	220	28	364	51	443	120	226	57	403	66	224	68	358	1424
05:15 PM	24	90	68	182	35	341	51	427	152	216	83	451	62	155	69	286	1346
05:30 PM	27	113	59	199	45	353	56	454	141	239	75	455	55	223	64	342	1450
05:45 PM	34	107	80	221	42	301	50	393	137	221	71	429	52	182	58	292	1335
Total	104	440	278	822	150	1359	208	1717	550	902	286	1738	235	784	259	1278	5555
Grand Total	220	899	613	1732	315	2754	423	3492	1022	1631	533	3186	428	1478	520	2426	10836
Apprch %	12.7	51.9	35.4		9	78.9	12.1		32.1	51.2	16.7		17.6	60.9	21.4		
Total %	2	8.3	5.7	16	2.9	25.4	3.9	32.2	9.4	15.1	4.9	29.4	3.9	13.6	4.8	22.4	

	Tustin Ranch Road Southbound				Irvine Boulevard Westbound				Tustin Ranch Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	19	130	71	220	28	364	51	443	120	226	57	403	66	224	68	358	1424
05:15 PM	24	90	68	182	35	341	51	427	152	216	83	451	62	155	69	286	1346
05:30 PM	27	113	59	199	45	353	56	454	141	239	75	455	55	223	64	342	1450
05:45 PM	34	107	80	221	42	301	50	393	137	221	71	429	52	182	58	292	1335
Total Volume	104	440	278	822	150	1359	208	1717	550	902	286	1738	235	784	259	1278	5555
% App. Total	12.7	53.5	33.8		8.7	79.1	12.1		31.6	51.9	16.5		18.4	61.3	20.3		
PHF	.765	.846	.869	.930	.833	.933	.929	.945	.905	.944	.861	.955	.890	.875	.938	.892	.958

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City of Tustin
N/S: Tustin Ranch Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 91_TUS_TR_IRV B PM
Site Code : 05124139
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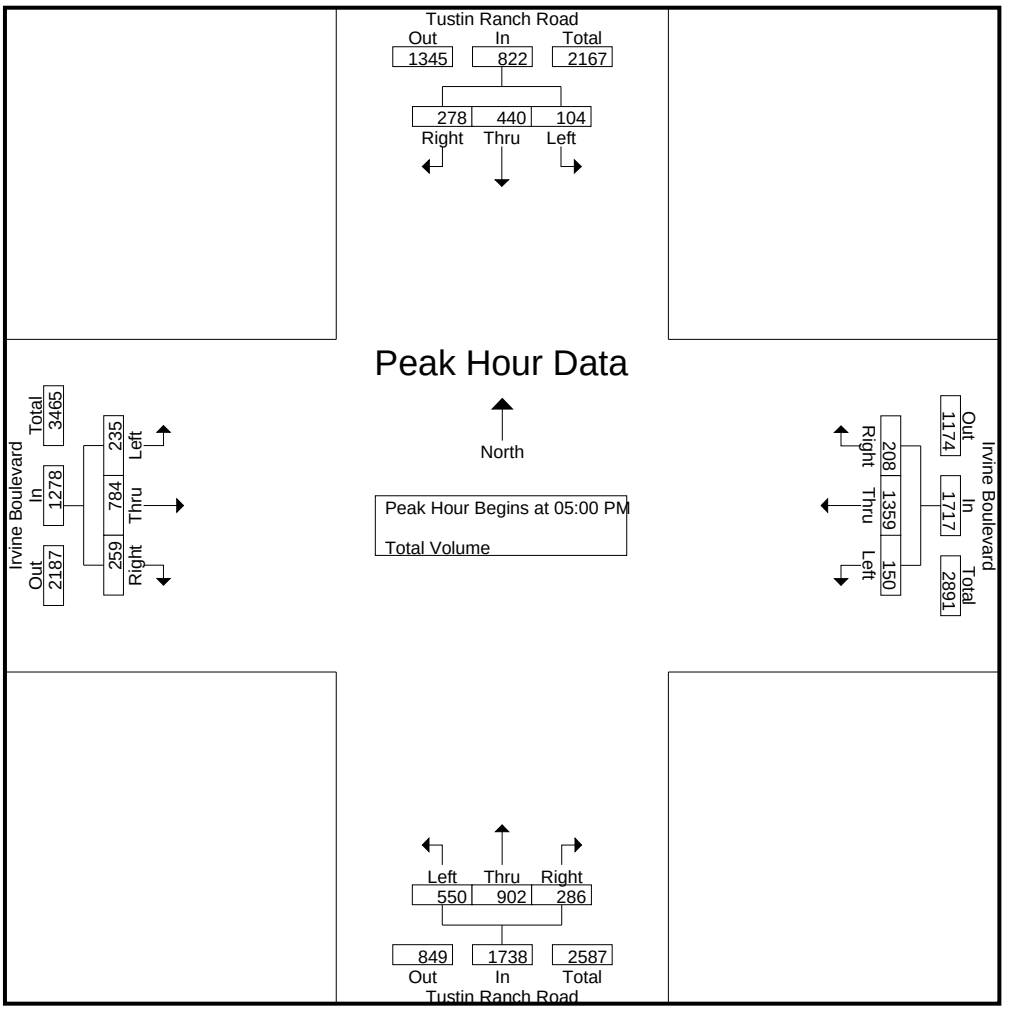

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				05:00 PM				04:45 PM			
+0 mins.	25	109	105	239	33	369	51	453	120	226	57	403	68	178	61	307
+15 mins.	34	120	88	242	46	342	47	435	152	216	83	451	66	224	68	358
+30 mins.	29	103	78	210	39	374	61	474	141	239	75	455	62	155	69	286
+45 mins.	19	130	71	220	47	310	56	413	137	221	71	429	55	223	64	342
Total Volume	107	462	342	911	165	1395	215	1775	550	902	286	1738	251	780	262	1293
% App. Total	11.7	50.7	37.5		9.3	78.6	12.1		31.6	51.9	16.5		19.4	60.3	20.3	
PHF	.787	.888	.814	.941	.878	.932	.881	.936	.905	.944	.861	.955	.923	.871	.949	.903

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City of Tustin
N/S: Jamboree Road
E/W: Tustin Ranch Road
Weather: Clear

File Name : 123_TUS_Jam_TR AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				OCFABA Driveway Westbound				Jamboree Road Northbound				Tustin Ranch Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	279	29	321	1	2	2	5	5	48	14	67	4	5	4	13	406
07:15 AM	5	340	66	411	3	0	2	5	11	65	9	85	12	1	4	17	518
07:30 AM	2	422	75	499	0	1	0	1	21	81	5	107	14	4	6	24	631
07:45 AM	6	294	97	397	2	3	0	5	62	102	8	172	19	3	8	30	604
Total	26	1335	267	1628	6	6	4	16	99	296	36	431	49	13	22	84	2159
08:00 AM	3	309	65	377	1	3	1	5	16	104	6	126	22	4	9	35	543
08:15 AM	5	324	96	425	5	2	4	11	10	95	5	110	27	3	6	36	582
08:30 AM	0	280	72	352	11	2	4	17	7	86	8	101	18	2	4	24	494
08:45 AM	4	231	46	281	0	1	0	1	7	76	3	86	16	1	2	19	387
Total	12	1144	279	1435	17	8	9	34	40	361	22	423	83	10	21	114	2006
Grand Total	38	2479	546	3063	23	14	13	50	139	657	58	854	132	23	43	198	4165
Apprch %	1.2	80.9	17.8		46	28	26		16.3	76.9	6.8		66.7	11.6	21.7		
Total %	0.9	59.5	13.1	73.5	0.6	0.3	0.3	1.2	3.3	15.8	1.4	20.5	3.2	0.6	1	4.8	

	Jamboree Road Southbound				OCFABA Driveway Westbound				Jamboree Road Northbound				Tustin Ranch Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	2	**422**	75	**499**	0	1	0	1	21	81	5	107	14	**4**	6	24	**631**
07:45 AM	**6**	294	**97**	397	2	**3**	0	5	**62**	102	**8**	**172**	19	3	8	30	604
08:00 AM	3	309	65	377	1	3	1	5	16	**104**	6	126	22	4	**9**	35	543
08:15 AM	5	324	96	425	**5**	2	**4**	**11**	10	95	5	110	**27**	3	6	**36**	582
Total Volume	16	1349	333	1698	8	9	5	22	109	382	24	515	82	14	29	125	2360
% App. Total	0.9	79.4	19.6		36.4	40.9	22.7		21.2	74.2	4.7		65.6	11.2	23.2		
PHF	.667	.799	.858	.851	.400	.750	.313	.500	.440	.918	.750	.749	.759	.875	.806	.868	.935

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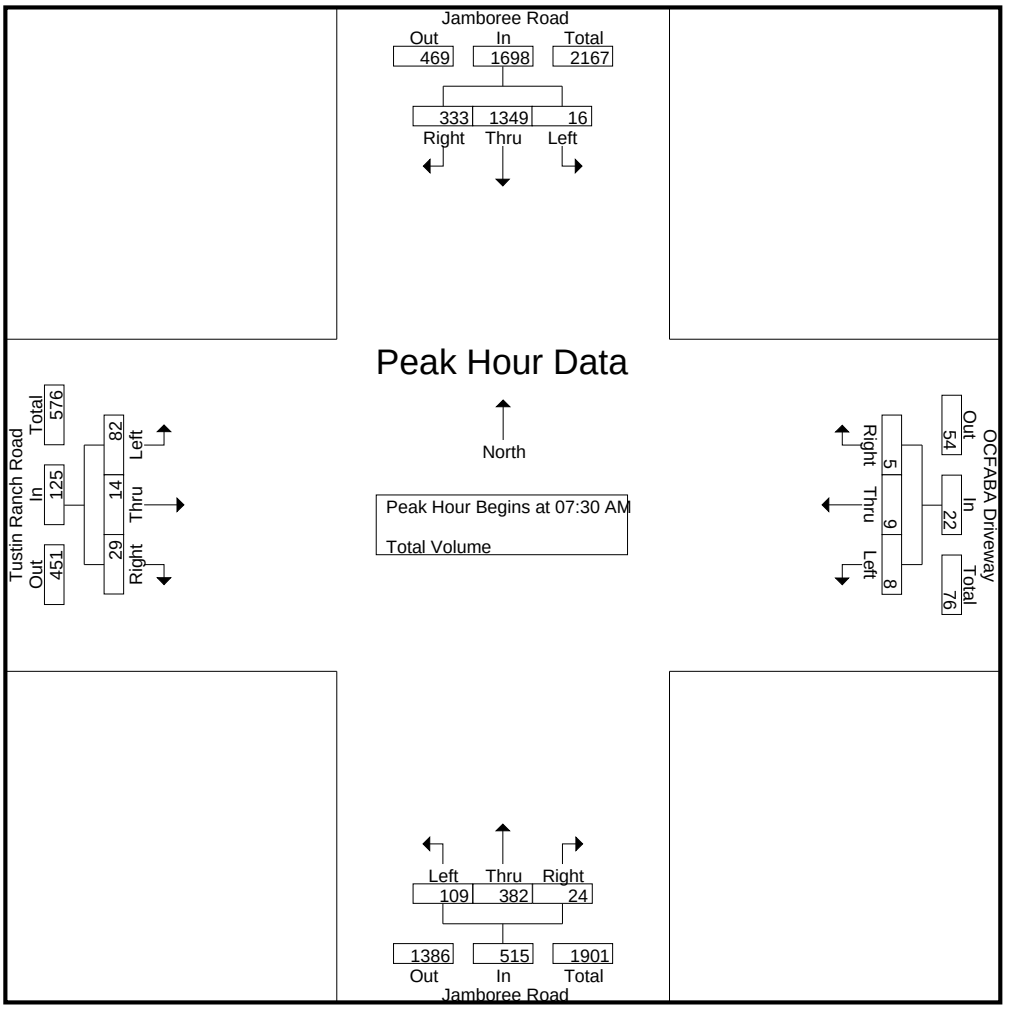
City of Tustin
N/S: Jamboree Road
E/W: Tustin Ranch Road
Weather: Clear

File Name : 123_TUS_Jam_TR AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	2	**422**	75	**499**	2	**3**	0	5	21	81	5	107	14	**4**	6	24
+15 mins.	**6**	294	**97**	397	1	3	1	5	**62**	102	**8**	**172**	19	3	8	30
+30 mins.	3	309	65	377	5	2	**4**	11	16	**104**	6	126	22	4	**9**	35
+45 mins.	5	324	96	425	**11**	2	4	**17**	10	95	5	110	**27**	3	6	**36**
Total Volume	16	1349	333	1698	19	10	9	38	109	382	24	515	82	14	29	125
% App. Total	0.9	79.4	19.6		50	26.3	23.7		21.2	74.2	4.7		65.6	11.2	23.2	
PHF	.667	.799	.858	.851	.432	.833	.563	.559	.440	.918	.750	.749	.759	.875	.806	.868

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City of Tustin
N/S: Jamboree Road
E/W: Tustin Ranch Road
Weather: Clear

File Name : 123_TUS_Jam_TR PM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Jamboree Road Southbound				OCFABA Driveway Westbound				Jamboree Road Northbound				Tustin Ranch Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	79	18	97	9	2	5	16	8	260	4	272	51	0	3	54	439
04:15 PM	0	95	17	112	8	7	6	21	4	328	2	334	55	3	2	60	527
04:30 PM	2	107	17	126	2	2	11	15	14	346	0	360	66	0	2	68	569
04:45 PM	1	111	18	130	8	10	8	26	9	331	1	341	59	1	4	64	561
Total	3	392	70	465	27	21	30	78	35	1265	7	1307	231	4	11	246	2096
05:00 PM	1	109	21	131	28	22	26	76	10	347	1	358	57	2	5	64	629
05:15 PM	1	91	18	110	9	5	7	21	7	391	0	398	54	0	3	57	586
05:30 PM	0	115	25	140	5	6	9	20	7	362	0	369	63	3	4	70	599
05:45 PM	0	105	17	122	6	4	2	12	7	296	3	306	52	1	3	56	496
Total	2	420	81	503	48	37	44	129	31	1396	4	1431	226	6	15	247	2310
Grand Total	5	812	151	968	75	58	74	207	66	2661	11	2738	457	10	26	493	4406
Apprch %	0.5	83.9	15.6		36.2	28	35.7		2.4	97.2	0.4		92.7	2	5.3		
Total %	0.1	18.4	3.4	22	1.7	1.3	1.7	4.7	1.5	60.4	0.2	62.1	10.4	0.2	0.6	11.2	

	Jamboree Road Southbound				OCFABA Driveway Westbound				Jamboree Road Northbound				Tustin Ranch Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**1**	111	18	130	8	10	8	26	9	331	**1**	341	59	1	4	64	561
05:00 PM	1	109	21	131	**28**	**22**	**26**	**76**	**10**	347	1	358	57	2	**5**	64	**629**
05:15 PM	1	91	18	110	9	5	7	21	7	**391**	0	**398**	54	0	3	57	586
05:30 PM	0	**115**	**25**	**140**	5	6	9	20	7	362	0	369	**63**	**3**	4	**70**	599
Total Volume	3	426	82	511	50	43	50	143	33	1431	2	1466	233	6	16	255	2375
% App. Total	0.6	83.4	16		35	30.1	35		2.3	97.6	0.1		91.4	2.4	6.3		
PHF	.750	.926	.820	.913	.446	.489	.481	.470	.825	.915	.500	.921	.925	.500	.800	.911	.944

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City of Tustin
N/S: Jamboree Road
E/W: Tustin Ranch Road
Weather: Clear

File Name : 123_TUS_Jam_TR PM1
Site Code : 05124139
Start Date : 2/27/2024
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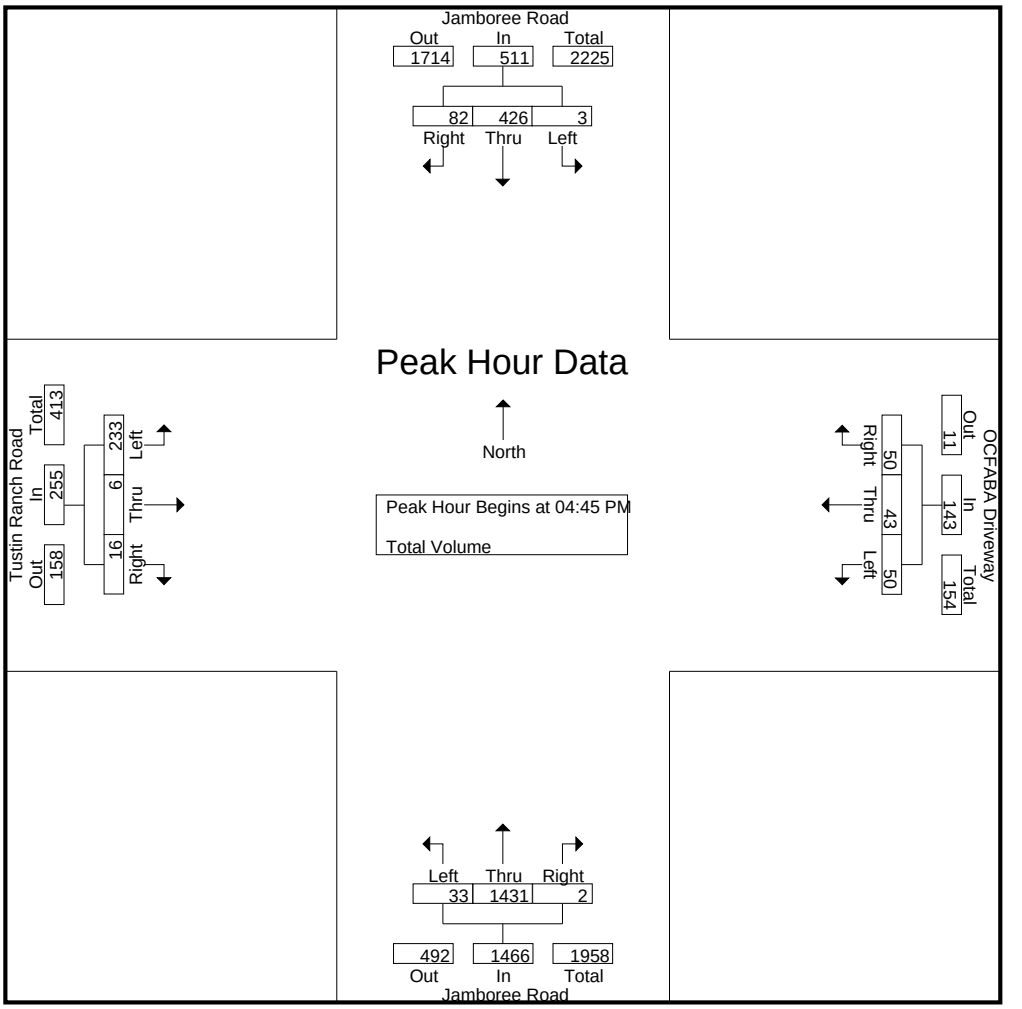

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:15 PM			
+0 mins.	**1**	111	18	130	8	10	8	26	9	331	**1**	341	55	**3**	2	60
+15 mins.	1	109	21	131	**28**	**22**	**26**	**76**	**10**	347	1	358	**66**	0	2	**68**
+30 mins.	1	91	18	110	9	5	7	21	7	**391**	0	**398**	59	1	4	64
+45 mins.	0	**115**	**25**	**140**	5	6	9	20	7	362	0	369	57	2	**5**	64
Total Volume	3	426	82	511	50	43	50	143	33	1431	2	1466	237	6	13	256
% App. Total	0.6	83.4	16		35	30.1	35		2.3	97.6	0.1		92.6	2.3	5.1	
PHF	.750	.926	.820	.913	.446	.489	.481	.470	.825	.915	.500	.921	.898	.500	.650	.941

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City of Tustin
N/S: Jamboree Road
E/W: Portola Parkway
Weather: Clear

File Name : 124_TUS_JAM_POR AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Portola Parkway Westbound				Jamboree Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	87	169	0	256	37	40	24	101	7	39	16	62	0	42	31	73	492
07:15 AM	135	158	1	294	41	70	35	146	13	47	24	84	0	50	18	68	592
07:30 AM	151	179	2	332	55	95	29	179	43	64	37	144	3	78	21	102	757
07:45 AM	99	213	0	312	72	166	54	292	50	90	38	178	11	56	80	147	929
Total	472	719	3	1194	205	371	142	718	113	240	115	468	14	226	150	390	2770
08:00 AM	113	180	0	293	94	115	51	260	43	101	38	182	11	92	73	176	911
08:15 AM	135	167	3	305	70	102	44	216	42	66	40	148	6	91	44	141	810
08:30 AM	104	151	0	255	65	74	49	188	18	74	31	123	5	78	17	100	666
08:45 AM	105	144	0	249	48	62	22	132	11	47	35	93	0	50	10	60	534
Total	457	642	3	1102	277	353	166	796	114	288	144	546	22	311	144	477	2921
Grand Total	929	1361	6	2296	482	724	308	1514	227	528	259	1014	36	537	294	867	5691
Apprch %	40.5	59.3	0.3		31.8	47.8	20.3		22.4	52.1	25.5		4.2	61.9	33.9		
Total %	16.3	23.9	0.1	40.3	8.5	12.7	5.4	26.6	4	9.3	4.6	17.8	0.6	9.4	5.2	15.2	

	Jamboree Road Southbound				Portola Parkway Westbound				Jamboree Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	151	179	2	332	55	95	29	179	43	64	37	144	3	78	21	102	757
07:45 AM	99	213	0	312	72	166	54	292	50	90	38	178	11	56	80	147	929
08:00 AM	113	180	0	293	94	115	51	260	43	101	38	182	11	92	73	176	911
08:15 AM	135	167	3	305	70	102	44	216	42	66	40	148	6	91	44	141	810
Total Volume	498	739	5	1242	291	478	178	947	178	321	153	652	31	317	218	566	3407
% App. Total	40.1	59.5	0.4		30.7	50.5	18.8		27.3	49.2	23.5		5.5	56	38.5		
PHF	.825	.867	.417	.935	.774	.720	.824	.811	.890	.795	.956	.896	.705	.861	.681	.804	.917

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City of Tustin
N/S: Jamboree Road
E/W: Portola Parkway
Weather: Clear

File Name : 124_TUS_JAM_POR AM
Site Code : 05124139
Start Date : 4/18/2024
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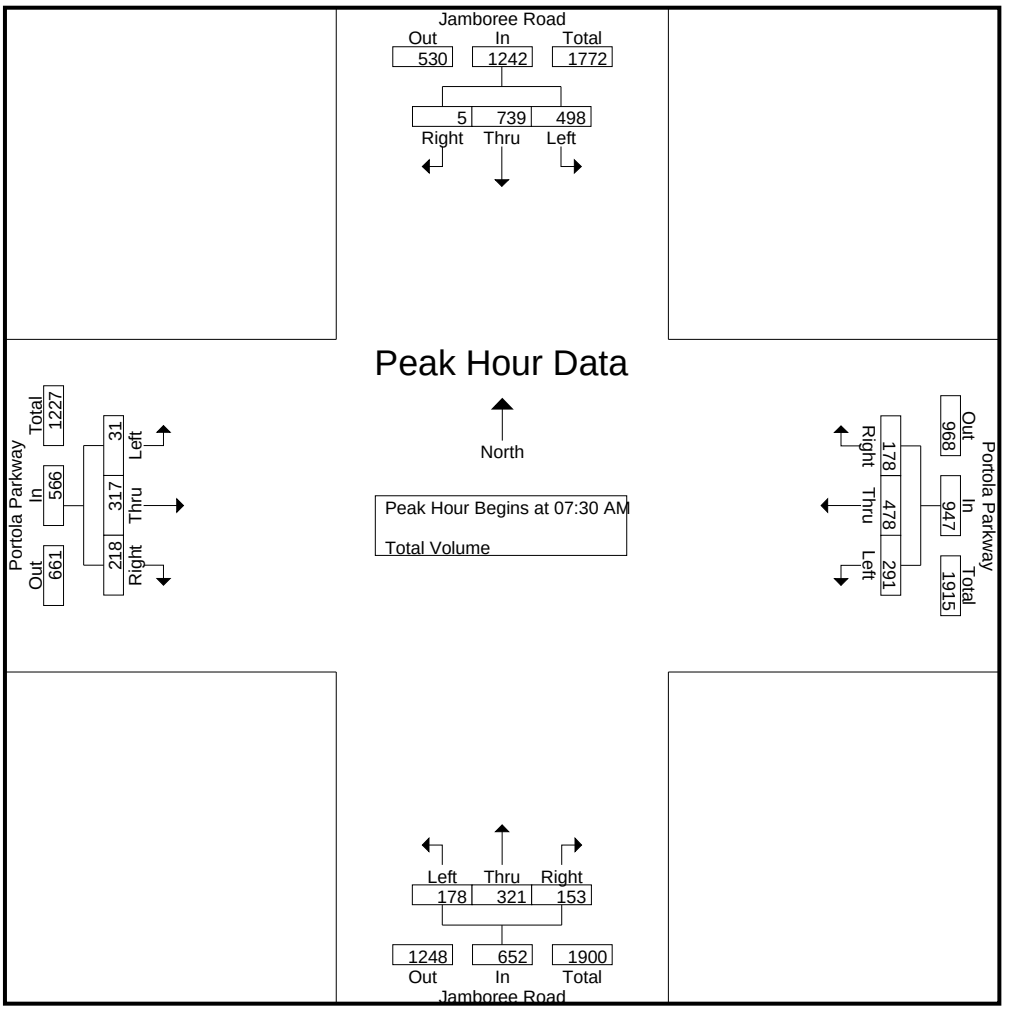

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	151	179	2	332	72	166	54	292	43	64	37	144	3	78	21	102
+15 mins.	99	213	0	312	94	115	51	260	50	90	38	178	11	56	80	147
+30 mins.	113	180	0	293	70	102	44	216	43	101	38	182	11	92	73	176
+45 mins.	135	167	3	305	65	74	49	188	42	66	40	148	6	91	44	141
Total Volume	498	739	5	1242	301	457	198	956	178	321	153	652	31	317	218	566
% App. Total	40.1	59.5	0.4		31.5	47.8	20.7		27.3	49.2	23.5		5.5	56	38.5	
PHF	.825	.867	.417	.935	.801	.688	.917	.818	.890	.795	.956	.896	.705	.861	.681	.804

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City of Tustin
N/S: Jamboree Road
E/W: Portola Parkway
Weather: Clear

File Name : 124_TUS_JAM_POR PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Portola Parkway Westbound				Jamboree Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	42	77	1	120	205	113	47	365	17	215	48	280	8	65	18	91	856
04:15 PM	43	84	0	127	199	145	49	393	13	179	42	234	4	62	20	86	840
04:30 PM	39	70	0	109	201	103	42	346	20	199	53	272	7	62	15	84	811
04:45 PM	49	66	3	118	194	101	55	350	31	196	58	285	5	71	18	94	847
Total	173	297	4	474	799	462	193	1454	81	789	201	1071	24	260	71	355	3354
05:00 PM	47	81	0	128	168	118	59	345	17	182	59	258	13	85	28	126	857
05:15 PM	43	76	2	121	185	116	47	348	27	152	54	233	9	91	25	125	827
05:30 PM	61	84	0	145	170	114	56	340	26	159	51	236	5	73	13	91	812
05:45 PM	42	76	3	121	136	94	61	291	17	187	62	266	10	61	19	90	768
Total	193	317	5	515	659	442	223	1324	87	680	226	993	37	310	85	432	3264
Grand Total	366	614	9	989	1458	904	416	2778	168	1469	427	2064	61	570	156	787	6618
Apprch %	37	62.1	0.9		52.5	32.5	15		8.1	71.2	20.7		7.8	72.4	19.8		
Total %	5.5	9.3	0.1	14.9	22	13.7	6.3	42	2.5	22.2	6.5	31.2	0.9	8.6	2.4	11.9	

	Jamboree Road Southbound				Portola Parkway Westbound				Jamboree Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	43	84	0	127	199	145	49	393	13	179	42	234	4	62	20	86	840
04:30 PM	39	70	0	109	201	103	42	346	20	199	53	272	7	62	15	84	811
04:45 PM	49	66	3	118	194	101	55	350	31	196	58	285	5	71	18	94	847
05:00 PM	47	81	0	128	168	118	59	345	17	182	59	258	13	85	28	126	857
Total Volume	178	301	3	482	762	467	205	1434	81	756	212	1049	29	280	81	390	3355
% App. Total	36.9	62.4	0.6		53.1	32.6	14.3		7.7	72.1	20.2		7.4	71.8	20.8		
PHF	.908	.896	.250	.941	.948	.805	.869	.912	.653	.950	.898	.920	.558	.824	.723	.774	.979

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City of Tustin
N/S: Jamboree Road
E/W: Portola Parkway
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File Name : 124_TUS_JAM_POR PM
Site Code : 05124139
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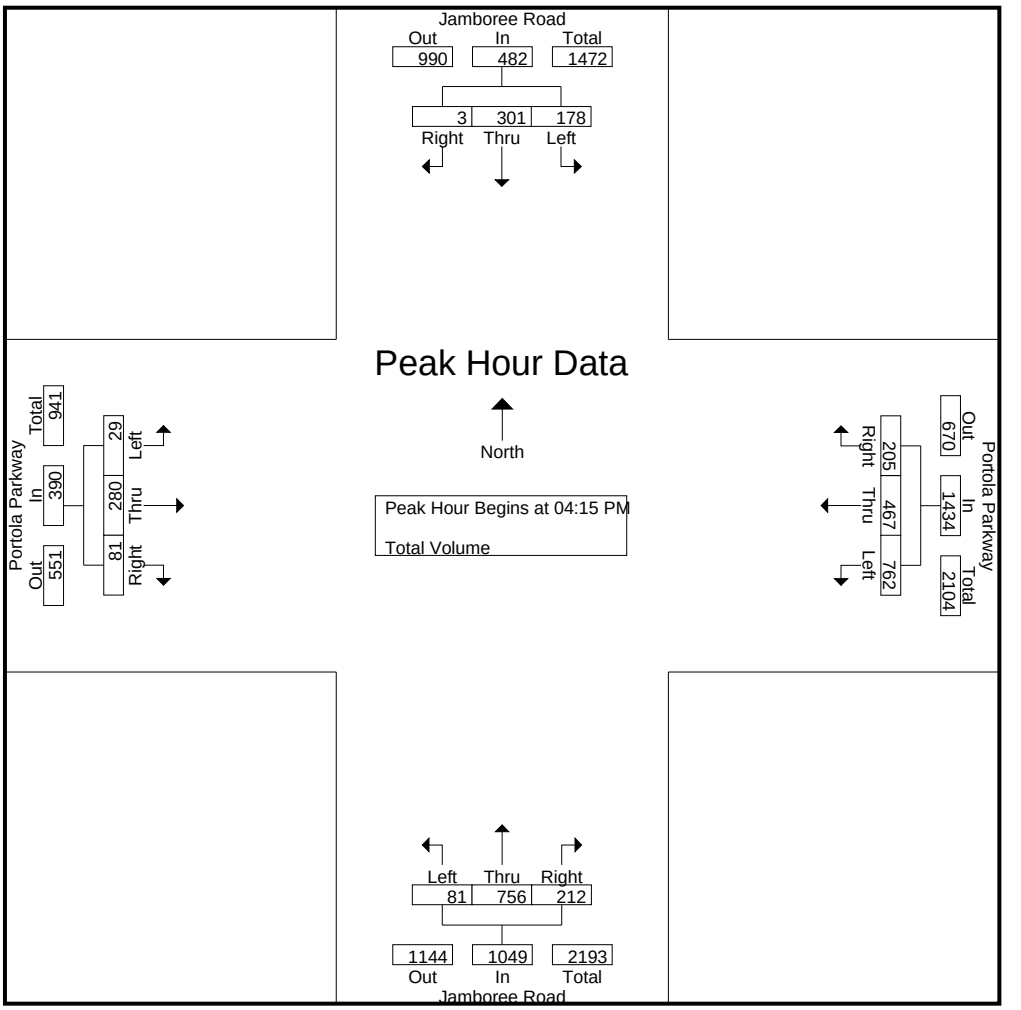

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				04:00 PM				04:45 PM			
+0 mins.	47	81	0	128	205	113	47	365	17	215	48	280	5	71	18	94
+15 mins.	43	76	2	121	199	145	49	393	13	179	42	234	13	85	28	126
+30 mins.	61	84	0	145	201	103	42	346	20	199	53	272	9	91	25	125
+45 mins.	42	76	3	121	194	101	55	350	31	196	58	285	5	73	13	91
Total Volume	193	317	5	515	799	462	193	1454	81	789	201	1071	32	320	84	436
% App. Total	37.5	61.6	1		55	31.8	13.3		7.6	73.7	18.8		7.3	73.4	19.3	
PHF	.791	.943	.417	.888	.974	.797	.877	.925	.653	.917	.866	.939	.615	.879	.750	.865

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City of Tustin
N/S: Jamboree Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 125_TUS_JAM_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Irvine Boulevard Westbound				Jamboree Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	37	336	17	390	41	54	3	98	10	58	18	86	11	93	28	132	706
07:15 AM	54	335	19	408	60	106	21	187	29	106	20	155	20	114	39	173	923
07:30 AM	44	364	22	430	64	113	23	200	33	110	22	165	26	93	43	162	957
07:45 AM	69	314	31	414	64	179	52	295	33	112	32	177	57	162	27	246	1132
Total	204	1349	89	1642	229	452	99	780	105	386	92	583	114	462	137	713	3718
08:00 AM	78	407	61	546	81	211	64	356	29	117	27	173	63	163	47	273	1348
08:15 AM	109	425	54	588	94	146	33	273	32	140	27	199	43	150	54	247	1307
08:30 AM	39	282	25	346	94	191	36	321	40	110	38	188	31	149	43	223	1078
08:45 AM	34	268	25	327	54	191	21	266	40	87	37	164	26	122	25	173	930
Total	260	1382	165	1807	323	739	154	1216	141	454	129	724	163	584	169	916	4663
Grand Total	464	2731	254	3449	552	1191	253	1996	246	840	221	1307	277	1046	306	1629	8381
Apprch %	13.5	79.2	7.4		27.7	59.7	12.7		18.8	64.3	16.9		17	64.2	18.8		
Total %	5.5	32.6	3	41.2	6.6	14.2	3	23.8	2.9	10	2.6	15.6	3.3	12.5	3.7	19.4	

	Jamboree Road Southbound				Irvine Boulevard Westbound				Jamboree Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	69	314	31	414	64	179	52	295	33	112	32	177	57	162	27	246	1132
08:00 AM	78	407	61	546	81	211	64	356	29	117	27	173	63	163	47	273	1348
08:15 AM	109	425	54	588	94	146	33	273	32	140	27	199	43	150	54	247	1307
08:30 AM	39	282	25	346	94	191	36	321	40	110	38	188	31	149	43	223	1078
Total Volume	295	1428	171	1894	333	727	185	1245	134	479	124	737	194	624	171	989	4865
% App. Total	15.6	75.4	9		26.7	58.4	14.9		18.2	65	16.8		19.6	63.1	17.3		
PHF	.677	.840	.701	.805	.886	.861	.723	.874	.838	.855	.816	.926	.770	.957	.792	.906	.902

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City of Tustin
N/S: Jamboree Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 125_TUS_JAM_IRV B AM
Site Code : 05124139
Start Date : 4/18/2024
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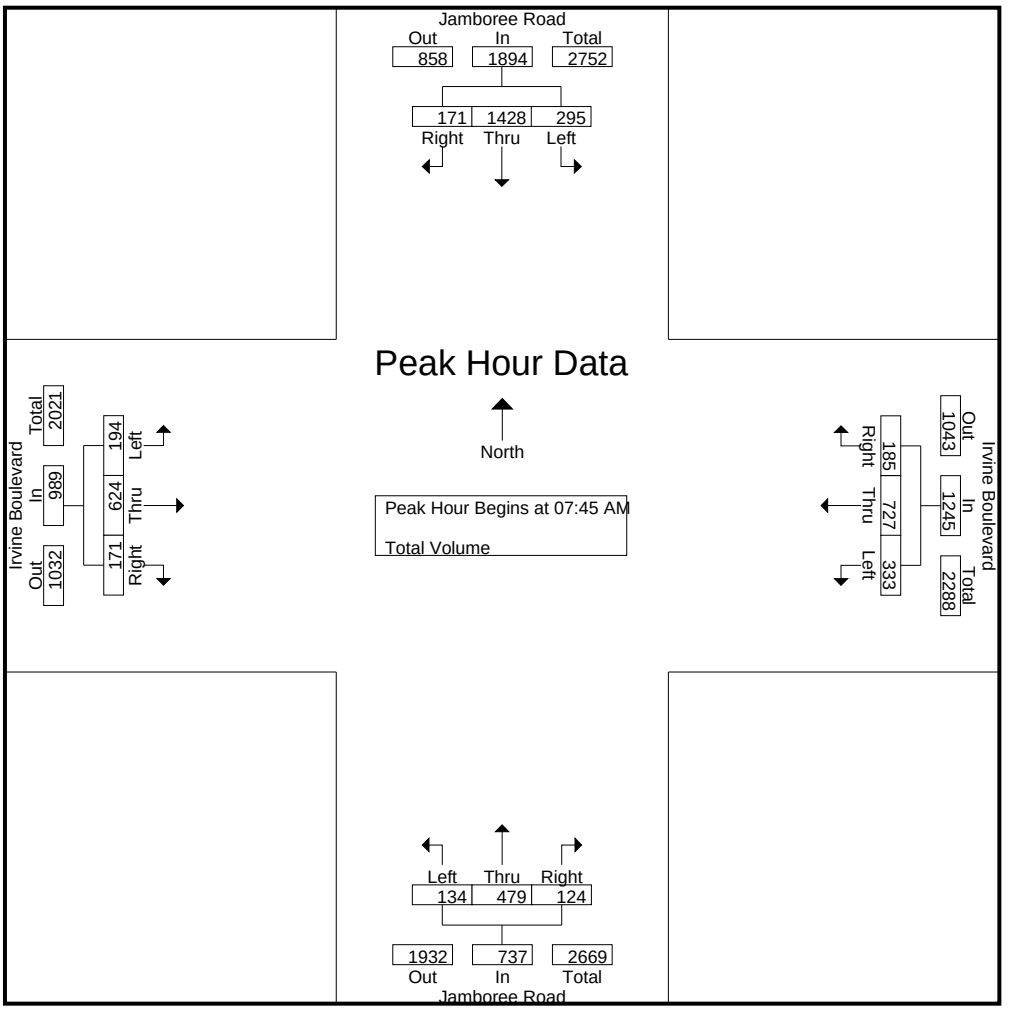

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	44	364	22	430	64	179	52	295	33	112	32	177	57	162	27	246
+15 mins.	69	314	31	414	81	211	64	356	29	117	27	173	63	163	47	273
+30 mins.	78	407	61	546	94	146	33	273	32	140	27	199	43	150	54	247
+45 mins.	109	425	54	588	94	191	36	321	40	110	38	188	31	149	43	223
Total Volume	300	1510	168	1978	333	727	185	1245	134	479	124	737	194	624	171	989
% App. Total	15.2	76.3	8.5		26.7	58.4	14.9		18.2	65	16.8		19.6	63.1	17.3	
PHF	.688	.888	.689	.841	.886	.861	.723	.874	.838	.855	.816	.926	.770	.957	.792	.906

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City of Tustin
N/S: Jamboree Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 125_TUS_JAM_IRV B PM
Site Code : 05124139
Start Date : 4/18/2024
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Groups Printed- Total Volume

	Jamboree Road Southbound				Irvine Boulevard Westbound				Jamboree Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	40	177	21	238	72	311	53	436	70	292	71	433	54	137	34	225	1332
04:15 PM	47	142	20	209	70	285	51	406	76	285	70	431	59	167	30	256	1302
04:30 PM	33	161	22	216	72	335	68	475	91	268	91	450	82	165	47	294	1435
04:45 PM	26	168	23	217	84	299	79	462	71	292	69	432	85	153	50	288	1399
Total	146	648	86	880	298	1230	251	1779	308	1137	301	1746	280	622	161	1063	5468
05:00 PM	44	181	18	243	69	275	73	417	83	287	91	461	65	161	40	266	1387
05:15 PM	27	153	35	215	80	315	75	470	83	300	109	492	69	175	35	279	1456
05:30 PM	38	176	22	236	81	260	68	409	101	289	94	484	58	170	38	266	1395
05:45 PM	43	159	17	219	76	264	62	402	87	317	81	485	88	172	34	294	1400
Total	152	669	92	913	306	1114	278	1698	354	1193	375	1922	280	678	147	1105	5638
Grand Total	298	1317	178	1793	604	2344	529	3477	662	2330	676	3668	560	1300	308	2168	11106
Apprch %	16.6	73.5	9.9		17.4	67.4	15.2		18	63.5	18.4		25.8	60	14.2		
Total %	2.7	11.9	1.6	16.1	5.4	21.1	4.8	31.3	6	21	6.1	33	5	11.7	2.8	19.5	

	Jamboree Road Southbound				Irvine Boulevard Westbound				Jamboree Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	33	161	22	216	72	335	68	475	91	268	91	450	82	165	47	294	1435
04:45 PM	26	168	23	217	84	299	79	462	71	292	69	432	85	153	50	288	1399
05:00 PM	44	181	18	243	69	275	73	417	83	287	91	461	65	161	40	266	1387
05:15 PM	27	153	35	215	80	315	75	470	83	300	109	492	69	175	35	279	1456
Total Volume	130	663	98	891	305	1224	295	1824	328	1147	360	1835	301	654	172	1127	5677
% App. Total	14.6	74.4	11		16.7	67.1	16.2		17.9	62.5	19.6		26.7	58	15.3		
PHF	.739	.916	.700	.917	.908	.913	.934	.960	.901	.956	.826	.932	.885	.934	.860	.958	.975

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City of Tustin
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File Name : 125_TUS_JAM_IRV B PM
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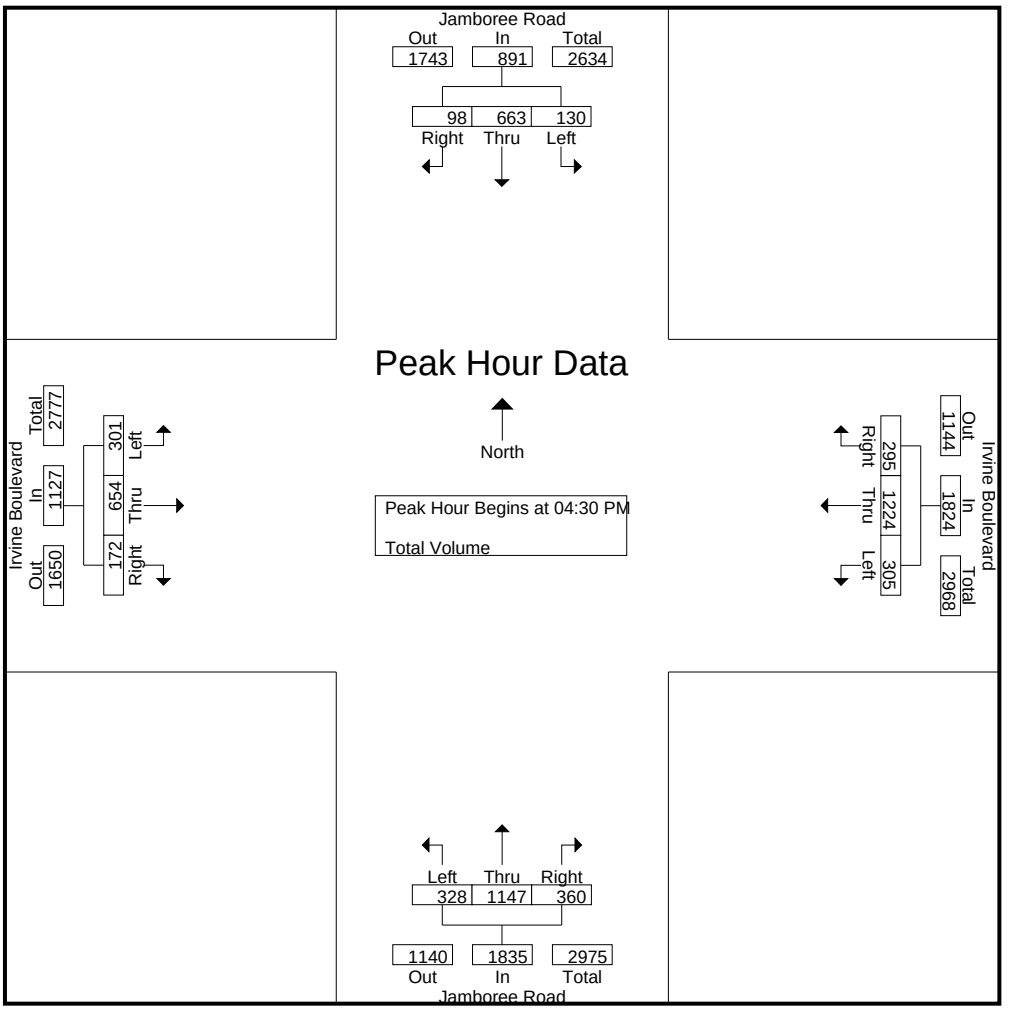

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				05:00 PM				04:30 PM			
+0 mins.	44	181	18	243	72	335	68	475	83	287	91	461	82	165	47	294
+15 mins.	27	153	35	215	84	299	79	462	83	300	109	492	85	153	50	288
+30 mins.	38	176	22	236	69	275	73	417	101	289	94	484	65	161	40	266
+45 mins.	43	159	17	219	80	315	75	470	87	317	81	485	69	175	35	279
Total Volume	152	669	92	913	305	1224	295	1824	354	1193	375	1922	301	654	172	1127
% App. Total	16.6	73.3	10.1		16.7	67.1	16.2		18.4	62.1	19.5		26.7	58	15.3	
PHF	.864	.924	.657	.939	.908	.913	.934	.960	.876	.941	.860	.977	.885	.934	.860	.958

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City of Tustin
N/S: Jamboree Road
E/W: Bryan Avenue
Weather: Clear

File Name : 126_TUS_JAM_BRY AM
Site Code : 05124139
Start Date : 3/14/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Bryan Avenue Westbound				Jamboree Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	99	330	17	446	51	29	17	97	9	99	28	136	9	63	20	92	771
07:15 AM	57	320	16	393	97	89	82	268	12	102	22	136	11	96	20	127	924
07:30 AM	25	379	18	422	101	76	25	202	17	119	15	151	15	46	32	93	868
07:45 AM	33	393	13	439	56	56	13	125	17	146	25	188	25	50	31	106	858
Total	214	1422	64	1700	305	250	137	692	55	466	90	611	60	255	103	418	3421
08:00 AM	80	399	35	514	89	74	29	192	16	191	38	245	19	89	29	137	1088
08:15 AM	88	381	21	490	81	124	58	263	10	153	40	203	7	103	45	155	1111
08:30 AM	33	349	25	407	76	126	37	239	19	164	35	218	12	56	28	96	960
08:45 AM	13	235	25	273	66	74	9	149	18	156	30	204	19	57	11	87	713
Total	214	1364	106	1684	312	398	133	843	63	664	143	870	57	305	113	475	3872
Grand Total	428	2786	170	3384	617	648	270	1535	118	1130	233	1481	117	560	216	893	7293
Apprch %	12.6	82.3	5		40.2	42.2	17.6		8	76.3	15.7		13.1	62.7	24.2		
Total %	5.9	38.2	2.3	46.4	8.5	8.9	3.7	21	1.6	15.5	3.2	20.3	1.6	7.7	3	12.2	

	Jamboree Road Southbound				Bryan Avenue Westbound				Jamboree Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	33	393	13	439	56	56	13	125	17	146	25	188	25	50	31	106	858
08:00 AM	80	399	35	514	89	74	29	192	16	191	38	245	19	89	29	137	1088
08:15 AM	88	381	21	490	81	124	58	263	10	153	40	203	7	103	45	155	1111
08:30 AM	33	349	25	407	76	126	37	239	19	164	35	218	12	56	28	96	960
Total Volume	234	1522	94	1850	302	380	137	819	62	654	138	854	63	298	133	494	4017
% App. Total	12.6	82.3	5.1		36.9	46.4	16.7		7.3	76.6	16.2		12.8	60.3	26.9		
PHF	.665	.954	.671	.900	.848	.754	.591	.779	.816	.856	.863	.871	.630	.723	.739	.797	.904

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City of Tustin
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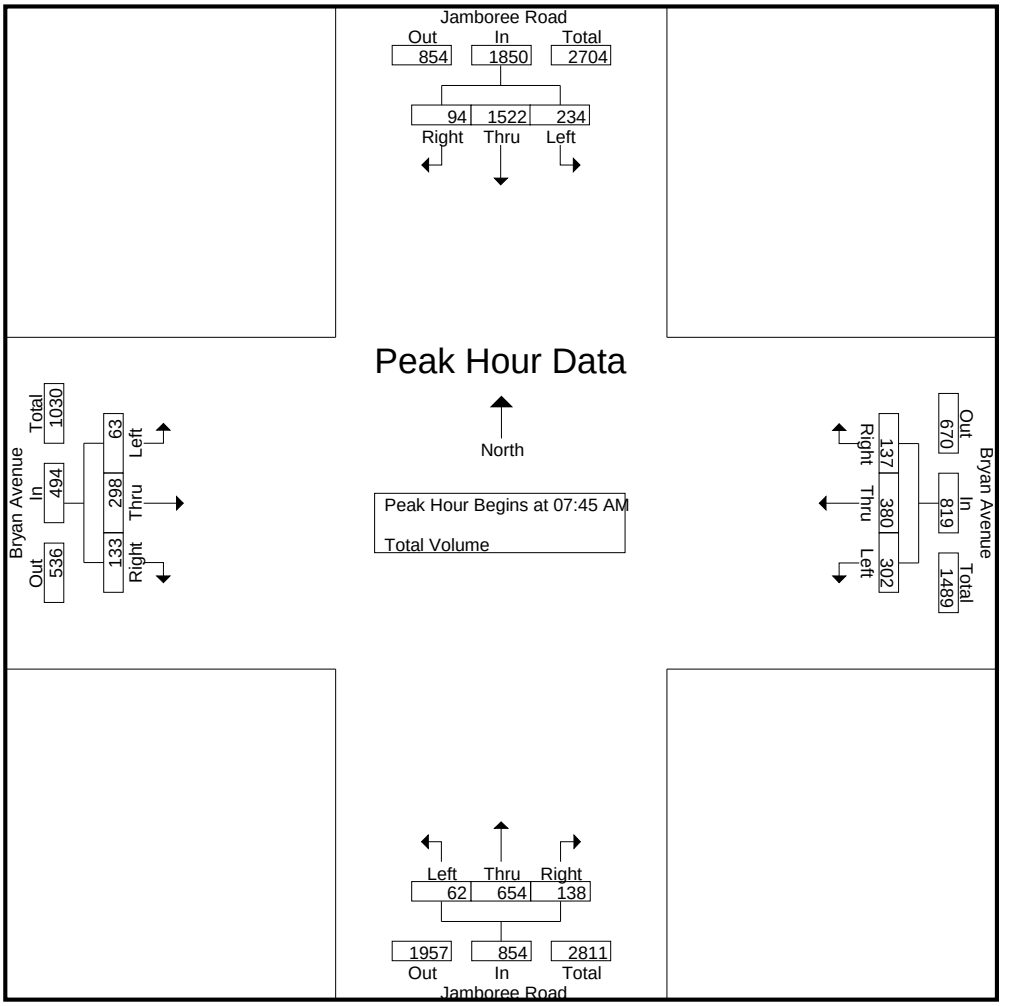

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	25	379	18	422	89	74	29	192	16	191	38	245	25	50	31	106
+15 mins.	33	393	13	439	81	124	58	263	10	153	40	203	19	89	29	137
+30 mins.	80	399	35	514	76	126	37	239	19	164	35	218	7	103	45	155
+45 mins.	88	381	21	490	66	74	9	149	18	156	30	204	12	56	28	96
Total Volume	226	1552	87	1865	312	398	133	843	63	664	143	870	63	298	133	494
% App. Total	12.1	83.2	4.7		37	47.2	15.8		7.2	76.3	16.4		12.8	60.3	26.9	
PHF	.642	.972	.621	.907	.876	.790	.573	.801	.829	.869	.894	.888	.630	.723	.739	.797

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City of Tustin
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Groups Printed- Total Volume

	Jamboree Road Southbound				Bryan Avenue Westbound				Jamboree Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	32	224	46	302	85	119	36	240	62	377	70	509	45	74	32	151	1202
04:15 PM	29	207	42	278	83	98	30	211	59	423	77	559	33	84	31	148	1196
04:30 PM	39	233	48	320	82	134	33	249	53	440	70	563	42	74	22	138	1270
04:45 PM	29	206	53	288	62	111	42	215	67	435	89	591	48	89	34	171	1265
Total	129	870	189	1188	312	462	141	915	241	1675	306	2222	168	321	119	608	4933
05:00 PM	39	247	49	335	84	139	42	265	61	437	83	581	50	90	33	173	1354
05:15 PM	38	192	41	271	79	129	45	253	88	515	84	687	58	108	49	215	1426
05:30 PM	34	238	51	323	85	150	58	293	57	468	77	602	50	95	39	184	1402
05:45 PM	40	191	43	274	73	107	43	223	52	446	89	587	46	106	27	179	1263
Total	151	868	184	1203	321	525	188	1034	258	1866	333	2457	204	399	148	751	5445
Grand Total	280	1738	373	2391	633	987	329	1949	499	3541	639	4679	372	720	267	1359	10378
Apprch %	11.7	72.7	15.6		32.5	50.6	16.9		10.7	75.7	13.7		27.4	53	19.6		
Total %	2.7	16.7	3.6	23	6.1	9.5	3.2	18.8	4.8	34.1	6.2	45.1	3.6	6.9	2.6	13.1	

	Jamboree Road Southbound				Bryan Avenue Westbound				Jamboree Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	29	206	53	288	62	111	42	215	67	435	89	591	48	89	34	171	1265
05:00 PM	39	247	49	335	84	139	42	265	61	437	83	581	50	90	33	173	1354
05:15 PM	38	192	41	271	79	129	45	253	88	515	84	687	58	108	49	215	1426
05:30 PM	34	238	51	323	85	150	58	293	57	468	77	602	50	95	39	184	1402
Total Volume	140	883	194	1217	310	529	187	1026	273	1855	333	2461	206	382	155	743	5447
% App. Total	11.5	72.6	15.9		30.2	51.6	18.2		11.1	75.4	13.5		27.7	51.4	20.9		
PHF	.897	.894	.915	.908	.912	.882	.806	.875	.776	.900	.935	.896	.888	.884	.791	.864	.955

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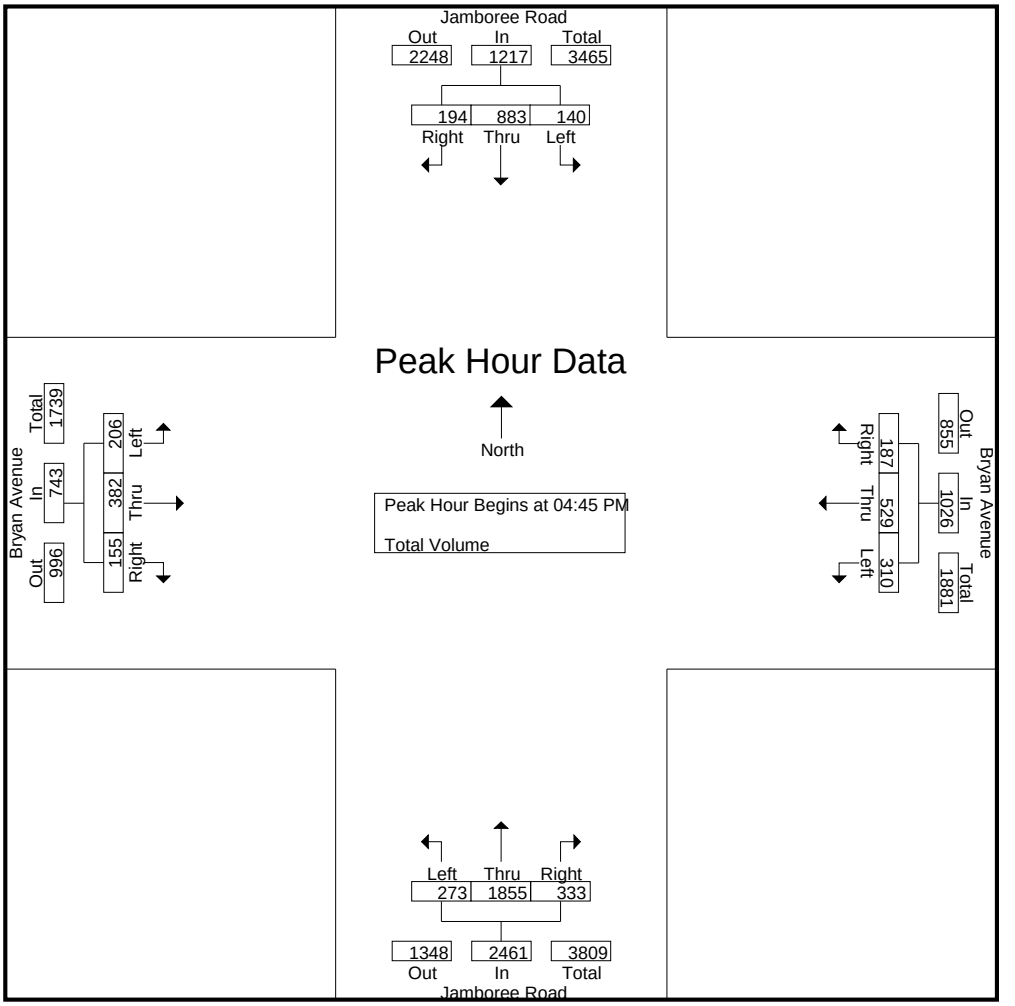

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	29	207	42	278	84	139	42	265	67	435	89	591	50	90	33	173
+15 mins.	39	233	48	320	79	129	45	253	61	437	83	581	58	108	49	215
+30 mins.	29	206	53	288	85	150	58	293	88	515	84	687	50	95	39	184
+45 mins.	39	247	49	335	73	107	43	223	57	468	77	602	46	106	27	179
Total Volume	136	893	192	1221	321	525	188	1034	273	1855	333	2461	204	399	148	751
% App. Total	11.1	73.1	15.7		31	50.8	18.2		11.1	75.4	13.5		27.2	53.1	19.7	
PHF	.872	.904	.906	.911	.944	.875	.810	.882	.776	.900	.935	.896	.879	.924	.755	.873

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City of Tustin
N/S: Jamboree Road
E/W: El Camino Real
Weather: Clear

File Name : 127_TUS_Jam_ECR AM
Site Code : 05124139
Start Date : 4/18/2024
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Groups Printed- Total Volume

	Jamboree Road Southbound				El Camino Real Westbound				Jamboree Road Northbound				El Camino Real Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	52	280	16	348	58	27	7	92	59	124	105	288	14	44	44	102	830
07:15 AM	59	397	16	472	101	57	36	194	54	144	139	337	11	57	51	119	1122
07:30 AM	41	509	17	567	70	15	9	94	59	197	41	297	23	18	63	104	1062
07:45 AM	41	431	19	491	59	17	20	96	49	228	89	366	29	25	51	105	1058
Total	193	1617	68	1878	288	116	72	476	221	693	374	1288	77	144	209	430	4072
08:00 AM	67	472	17	556	74	34	27	135	62	169	118	349	17	56	51	124	1164
08:15 AM	69	444	38	551	75	44	27	146	68	189	145	402	11	67	70	148	1247
08:30 AM	63	425	35	523	95	41	29	165	54	193	126	373	16	32	53	101	1162
08:45 AM	40	357	36	433	59	22	20	101	67	199	113	379	20	41	65	126	1039
Total	239	1698	126	2063	303	141	103	547	251	750	502	1503	64	196	239	499	4612
Grand Total	432	3315	194	3941	591	257	175	1023	472	1443	876	2791	141	340	448	929	8684
Apprch %	11	84.1	4.9		57.8	25.1	17.1		16.9	51.7	31.4		15.2	36.6	48.2		
Total %	5	38.2	2.2	45.4	6.8	3	2	11.8	5.4	16.6	10.1	32.1	1.6	3.9	5.2	10.7	

	Jamboree Road Southbound				El Camino Real Westbound				Jamboree Road Northbound				El Camino Real Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	41	431	19	491	59	17	20	96	49	**228**	89	366	**29**	25	51	105	1058
08:00 AM	67	**472**	17	**556**	74	34	27	135	62	169	118	349	17	56	51	124	1164
08:15 AM	**69**	444	**38**	551	75	**44**	27	146	**68**	189	**145**	**402**	11	**67**	**70**	**148**	**1247**
08:30 AM	63	425	35	523	**95**	41	**29**	**165**	54	193	126	373	16	32	53	101	1162
Total Volume	240	1772	109	2121	303	136	103	542	233	779	478	1490	73	180	225	478	4631
% App. Total	11.3	83.5	5.1		55.9	25.1	19		15.6	52.3	32.1		15.3	37.7	47.1		
PHF	.870	.939	.717	.954	.797	.773	.888	.821	.857	.854	.824	.927	.629	.672	.804	.807	.928

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City of Tustin
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E/W: El Camino Real
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Site Code : 05124139
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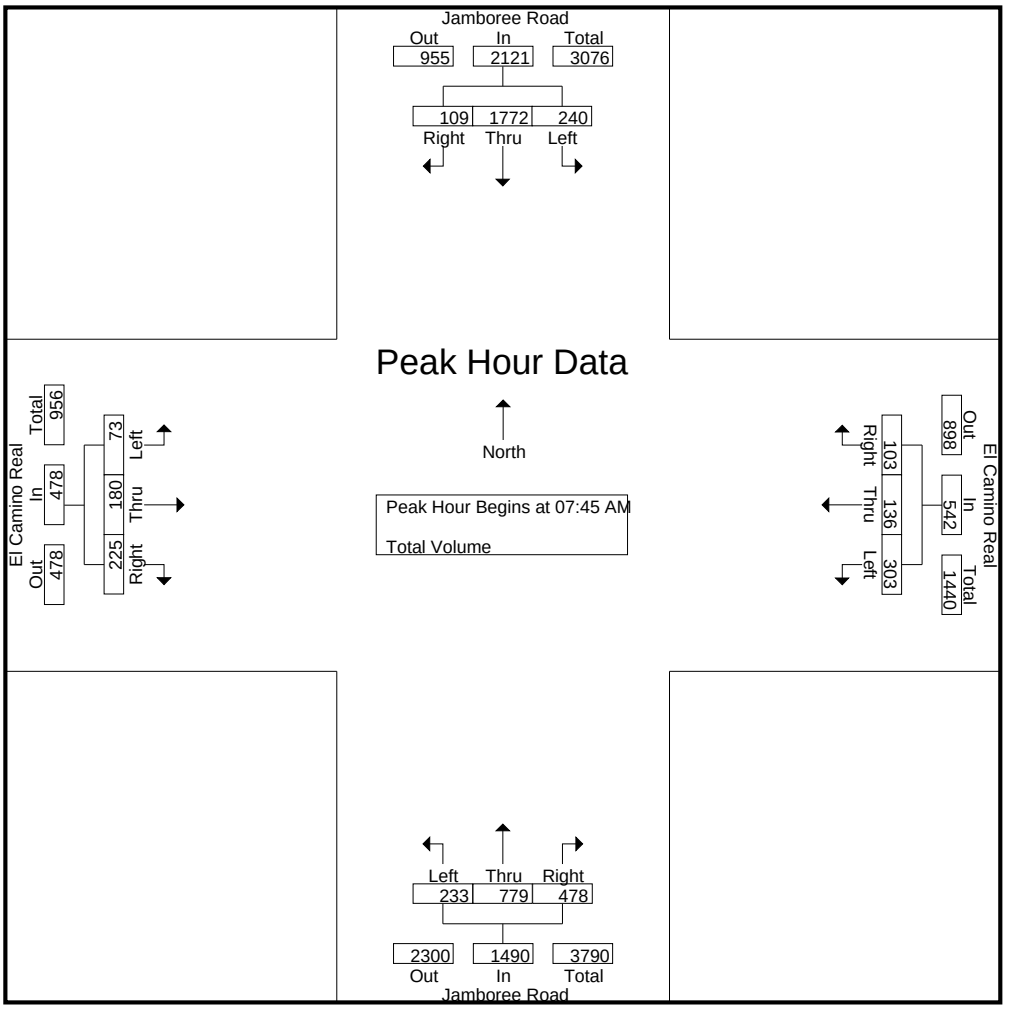

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	41	**509**	17	**567**	74	34	27	135	62	169	118	349	17	56	51	124
+15 mins.	41	431	19	491	75	**44**	27	146	**68**	189	**145**	**402**	11	**67**	**70**	**148**
+30 mins.	67	472	17	556	**95**	41	**29**	**165**	54	193	126	373	16	32	53	101
+45 mins.	**69**	444	**38**	551	59	22	20	101	67	**199**	113	379	**20**	41	65	126
Total Volume	218	1856	91	2165	303	141	103	547	251	750	502	1503	64	196	239	499
% App. Total	10.1	85.7	4.2		55.4	25.8	18.8		16.7	49.9	33.4		12.8	39.3	47.9	
PHF	.790	.912	.599	.955	.797	.801	.888	.829	.923	.942	.866	.935	.800	.731	.854	.843

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City of Tustin
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Weather: Clear

File Name : 127_TUS_Jam_ECR PM
Site Code : 05124139
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Groups Printed- Total Volume

	Jamboree Road Southbound				El Camino Real Westbound				Jamboree Road Northbound				El Camino Real Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	41	263	44	348	112	51	37	200	164	504	46	714	52	28	108	188	1450
04:15 PM	39	211	57	307	90	44	39	173	113	459	48	620	51	45	72	168	1268
04:30 PM	35	259	64	358	92	39	44	175	164	508	62	734	50	38	100	188	1455
04:45 PM	29	221	61	311	93	39	51	183	138	501	48	687	63	52	100	215	1396
Total	144	954	226	1324	387	173	171	731	579	1972	204	2755	216	163	380	759	5569
05:00 PM	33	238	60	331	109	54	53	216	159	522	54	735	66	49	106	221	1503
05:15 PM	54	220	44	318	106	67	55	228	166	457	62	685	60	48	106	214	1445
05:30 PM	36	255	56	347	88	49	45	182	165	551	70	786	60	32	91	183	1498
05:45 PM	46	208	82	336	94	50	51	195	129	526	75	730	77	44	109	230	1491
Total	169	921	242	1332	397	220	204	821	619	2056	261	2936	263	173	412	848	5937
Grand Total	313	1875	468	2656	784	393	375	1552	1198	4028	465	5691	479	336	792	1607	11506
Apprch %	11.8	70.6	17.6		50.5	25.3	24.2		21.1	70.8	8.2		29.8	20.9	49.3		
Total %	2.7	16.3	4.1	23.1	6.8	3.4	3.3	13.5	10.4	35	4	49.5	4.2	2.9	6.9	14	

	Jamboree Road Southbound				El Camino Real Westbound				Jamboree Road Northbound				El Camino Real Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	33	238	60	331	**109**	54	53	216	159	522	54	735	66	**49**	106	221	**1503**
05:15 PM	**54**	220	44	318	106	**67**	**55**	**228**	**166**	457	62	685	60	48	106	214	1445
05:30 PM	36	**255**	56	**347**	88	49	45	182	165	**551**	70	**786**	60	32	91	183	1498
05:45 PM	46	208	**82**	336	94	50	51	195	129	526	**75**	730	**77**	44	**109**	**230**	1491
Total Volume	169	921	242	1332	397	220	204	821	619	2056	261	2936	263	173	412	848	5937
% App. Total	12.7	69.1	18.2		48.4	26.8	24.8		21.1	70	8.9		31	20.4	48.6		
PHF	.782	.903	.738	.960	.911	.821	.927	.900	.932	.933	.870	.934	.854	.883	.945	.922	.988

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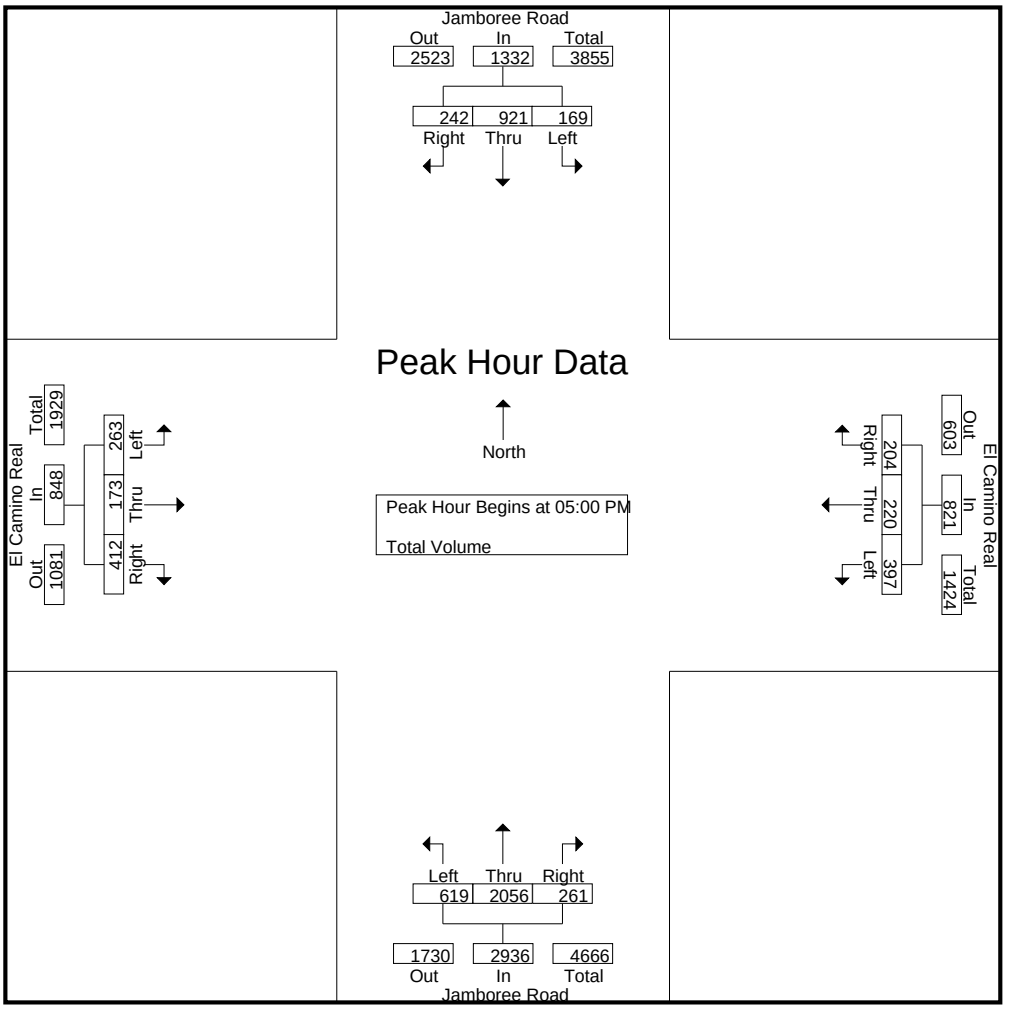
City of Tustin
N/S: Jamboree Road
E/W: El Camino Real
Weather: Clear

File Name : 127_TUS_Jam_ECR PM
Site Code : 05124139
Start Date : 4/18/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	33	238	60	331	**109**	54	53	216	159	522	54	735	66	**49**	106	221
+15 mins.	**54**	220	44	318	106	**67**	**55**	**228**	**166**	457	62	685	60	48	106	214
+30 mins.	36	**255**	56	**347**	88	49	45	182	165	**551**	70	**786**	60	32	91	183
+45 mins.	46	208	**82**	336	94	50	51	195	129	526	**75**	730	**77**	44	**109**	**230**
Total Volume	169	921	242	1332	397	220	204	821	619	2056	261	2936	263	173	412	848
% App. Total	12.7	69.1	18.2		48.4	26.8	24.8		21.1	70	8.9		31	20.4	48.6	
PHF	.782	.903	.738	.960	.911	.821	.927	.900	.932	.933	.870	.934	.854	.883	.945	.922

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City of Irvine
N/S: Jamboree Road
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 128_IRV_Jam_5N AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				I-5 Northbound Ramps Westbound				Jamboree Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	273	141	414	79	0	69	148	0	201	97	298	0	0	0	0	860
07:15 AM	0	412	187	599	144	0	86	230	0	218	140	358	0	0	0	0	1187
07:30 AM	0	522	196	718	172	0	97	269	0	249	115	364	0	0	0	0	1351
07:45 AM	0	568	194	762	208	0	90	298	0	266	116	382	0	0	0	0	1442
Total	0	1775	718	2493	603	0	342	945	0	934	468	1402	0	0	0	0	4840
08:00 AM	0	476	187	663	198	0	106	304	0	281	111	392	0	0	0	0	1359
08:15 AM	0	544	215	759	243	0	103	346	0	302	136	438	0	0	0	0	1543
08:30 AM	0	612	178	790	233	0	91	324	0	236	110	346	0	0	0	0	1460
08:45 AM	0	507	169	676	238	0	124	362	0	281	105	386	0	0	0	0	1424
Total	0	2139	749	2888	912	0	424	1336	0	1100	462	1562	0	0	0	0	5786
Grand Total	0	3914	1467	5381	1515	0	766	2281	0	2034	930	2964	0	0	0	0	10626
Apprch %	0	72.7	27.3		66.4	0	33.6		0	68.6	31.4		0	0	0		
Total %	0	36.8	13.8	50.6	14.3	0	7.2	21.5	0	19.1	8.8	27.9	0	0	0	0	

	Jamboree Road Southbound				I-5 Northbound Ramps Westbound				Jamboree Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	568	194	762	208	0	90	298	0	266	116	382	0	0	0	0	1442
08:00 AM	0	476	187	663	198	0	**106**	304	0	281	111	392	0	0	0	0	1359
08:15 AM	0	544	**215**	759	**243**	0	103	**346**	0	**302**	**136**	**438**	0	0	0	0	**1543**
08:30 AM	0	**612**	178	**790**	233	0	91	324	0	236	110	346	0	0	0	0	1460
Total Volume	0	2200	774	2974	882	0	390	1272	0	1085	473	1558	0	0	0	0	5804
% App. Total	0	74	26		69.3	0	30.7		0	69.6	30.4		0	0	0		
PHF	.000	.899	.900	.941	.907	.000	.920	.919	.000	.898	.869	.889	.000	.000	.000	.000	.940

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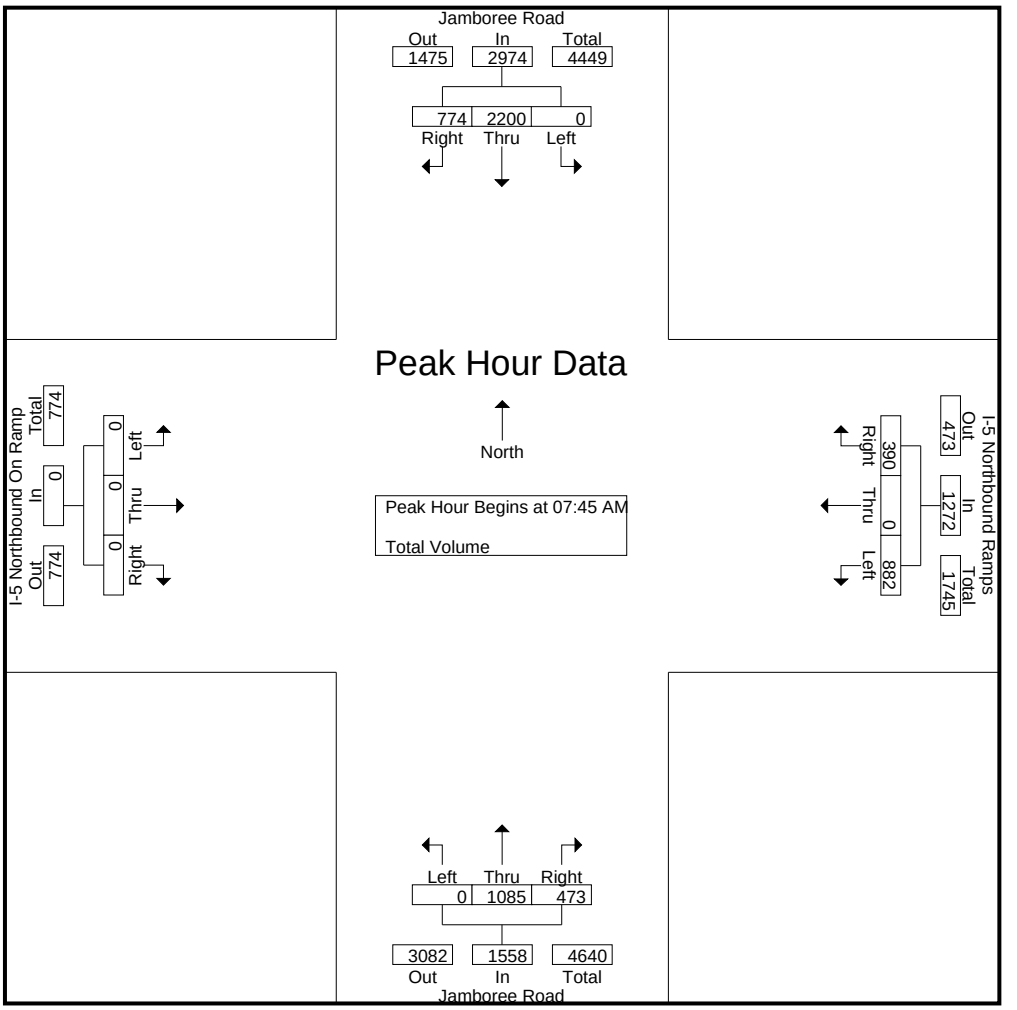
City of Irvine
N/S: Jamboree Road
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 128_IRV_Jam_5N AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:30 AM				07:00 AM			
+0 mins.	0	568	194	762	198	0	106	304	0	249	115	364	0	0	0	0
+15 mins.	0	476	187	663	**243**	0	103	346	0	266	116	382	0	0	0	0
+30 mins.	0	544	**215**	759	233	0	91	324	0	281	111	392	0	0	0	0
+45 mins.	0	**612**	178	**790**	238	0	**124**	**362**	0	**302**	**136**	**438**	0	0	0	0
Total Volume	0	2200	774	2974	912	0	424	1336	0	1098	478	1576	0	0	0	0
% App. Total	0	74	26		68.3	0	31.7		0	69.7	30.3		0	0	0	
PHF	.000	.899	.900	.941	.938	.000	.855	.923	.000	.909	.879	.900	.000	.000	.000	.000

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City of Irvine
N/S: Jamboree Road
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 128_IRV_Jam_5N PM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				I-5 Northbound Ramps Westbound				Jamboree Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	329	103	432	91	0	177	268	0	517	138	655	0	0	0	0	1355
04:15 PM	0	331	95	426	70	0	174	244	0	572	125	697	0	0	0	0	1367
04:30 PM	0	338	116	454	85	0	167	252	0	574	104	678	0	0	0	0	1384
04:45 PM	0	329	85	414	75	0	181	256	0	634	107	741	0	0	0	0	1411
Total	0	1327	399	1726	321	0	699	1020	0	2297	474	2771	0	0	0	0	5517
05:00 PM	0	325	112	437	76	0	227	303	0	632	88	720	0	0	0	0	1460
05:15 PM	0	371	90	461	96	0	198	294	0	640	83	723	0	0	0	0	1478
05:30 PM	0	360	75	435	127	0	237	364	0	582	70	652	0	0	0	0	1451
05:45 PM	0	348	82	430	125	0	238	363	0	633	72	705	0	0	0	0	1498
Total	0	1404	359	1763	424	0	900	1324	0	2487	313	2800	0	0	0	0	5887
Grand Total	0	2731	758	3489	745	0	1599	2344	0	4784	787	5571	0	0	0	0	11404
Apprch %	0	78.3	21.7		31.8	0	68.2		0	85.9	14.1		0	0	0		
Total %	0	23.9	6.6	30.6	6.5	0	14	20.6	0	42	6.9	48.9	0	0	0	0	

	Jamboree Road Southbound				I-5 Northbound Ramps Westbound				Jamboree Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	325	**112**	437	76	0	227	303	0	632	**88**	720	0	0	0	0	1460
05:15 PM	0	**371**	90	**461**	96	0	198	294	0	**640**	83	**723**	0	0	0	0	1478
05:30 PM	0	360	75	435	**127**	0	237	**364**	0	582	70	652	0	0	0	0	1451
05:45 PM	0	348	82	430	125	0	**238**	363	0	633	72	705	0	0	0	0	**1498**
Total Volume	0	1404	359	1763	424	0	900	1324	0	2487	313	2800	0	0	0	0	5887
% App. Total	0	79.6	20.4		32	0	68		0	88.8	11.2		0	0	0		
PHF	.000	.946	.801	.956	.835	.000	.945	.909	.000	.971	.889	.968	.000	.000	.000	.000	.982

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City of Irvine
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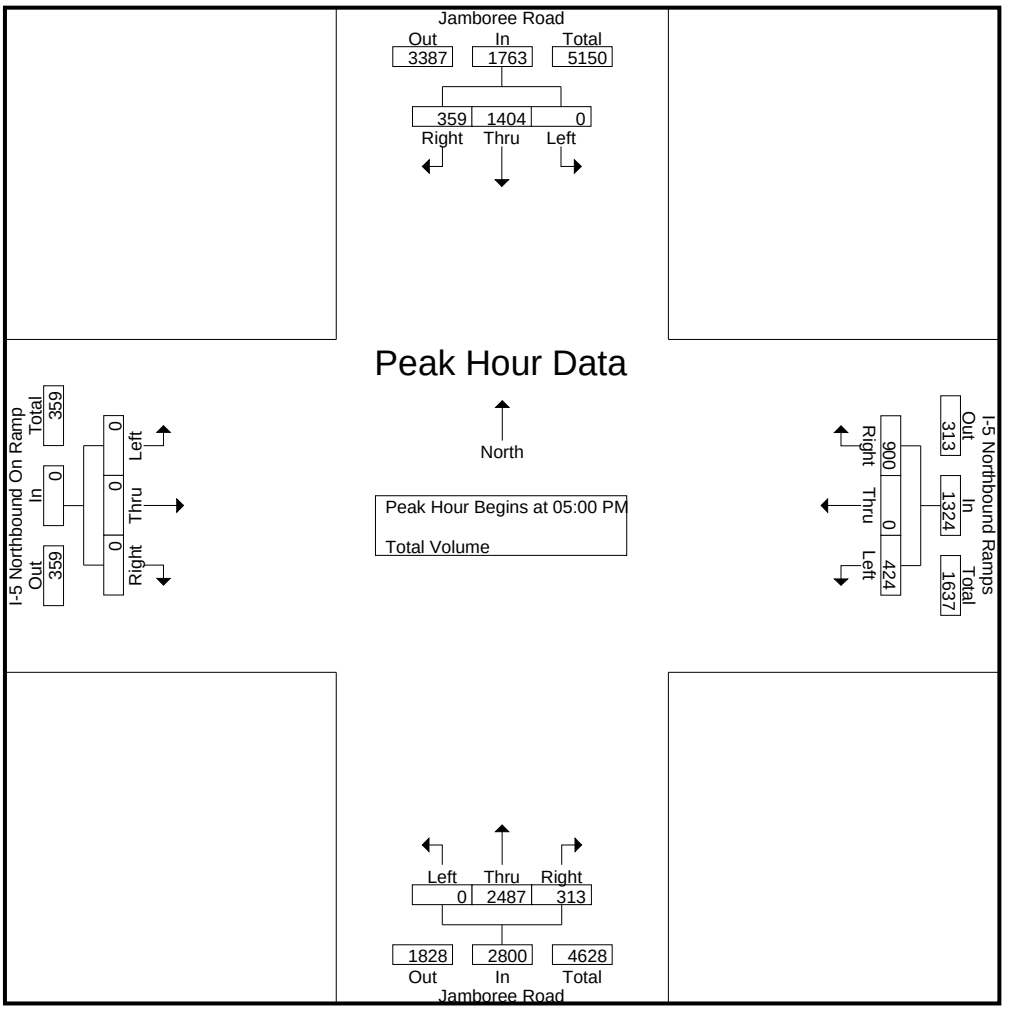
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 128_IRV_Jam_5N PM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:30 PM				04:00 PM			
+0 mins.	0	338	**116**	454	76	0	227	303	0	574	104	678	0	0	0	0
+15 mins.	0	329	85	414	96	0	198	294	0	634	**107**	**741**	0	0	0	0
+30 mins.	0	325	112	437	**127**	0	237	**364**	0	632	88	720	0	0	0	0
+45 mins.	0	**371**	90	**461**	125	0	**238**	363	0	**640**	83	723	0	0	0	0
Total Volume	0	1363	403	1766	424	0	900	1324	0	2480	382	2862	0	0	0	0
% App. Total	0	77.2	22.8		32	0	68		0	86.7	13.3		0	0	0	
PHF	.000	.918	.869	.958	.835	.000	.945	.909	.000	.969	.893	.966	.000	.000	.000	.000

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City of Irvine
N/S: Jamboree Road
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 129_IRV_Jam_5S AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				I-5 Southbound On Ramp Westbound				Jamboree Road Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	261	100	361	0	0	0	0	0	196	91	287	99	0	170	269	917
07:15 AM	0	414	143	557	0	0	0	0	0	243	60	303	102	0	161	263	1123
07:30 AM	0	538	160	698	0	0	0	0	0	240	63	303	112	0	161	273	1274
07:45 AM	0	601	172	773	0	0	0	0	0	250	81	331	128	0	201	329	1433
Total	0	1814	575	2389	0	0	0	0	0	929	295	1224	441	0	693	1134	4747
08:00 AM	0	520	138	658	0	0	0	0	0	251	74	325	141	0	204	345	1328
08:15 AM	0	641	157	798	0	0	0	0	0	299	102	401	136	0	189	325	1524
08:30 AM	0	691	162	853	0	0	0	0	0	225	84	309	106	0	188	294	1456
08:45 AM	0	613	136	749	0	0	0	0	0	268	100	368	113	0	195	308	1425
Total	0	2465	593	3058	0	0	0	0	0	1043	360	1403	496	0	776	1272	5733
Grand Total	0	4279	1168	5447	0	0	0	0	0	1972	655	2627	937	0	1469	2406	10480
Apprch %	0	78.6	21.4		0	0	0		0	75.1	24.9		38.9	0	61.1		
Total %	0	40.8	11.1	52	0	0	0	0	0	18.8	6.2	25.1	8.9	0	14	23	

	Jamboree Road Southbound				I-5 Southbound On Ramp Westbound				Jamboree Road Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	601	**172**	773	0	0	0	0	0	250	81	331	128	0	201	329	1433
08:00 AM	0	520	138	658	0	0	0	0	0	251	74	325	**141**	0	**204**	**345**	1328
08:15 AM	0	641	157	798	0	0	0	0	0	**299**	**102**	**401**	136	0	189	325	**1524**
08:30 AM	0	**691**	162	**853**	0	0	0	0	0	225	84	309	106	0	188	294	1456
Total Volume	0	2453	629	3082	0	0	0	0	0	1025	341	1366	511	0	782	1293	5741
% App. Total	0	79.6	20.4		0	0	0		0	75	25		39.5	0	60.5		
PHF	.000	.887	.914	.903	.000	.000	.000	.000	.000	.857	.836	.852	.906	.000	.958	.937	.942

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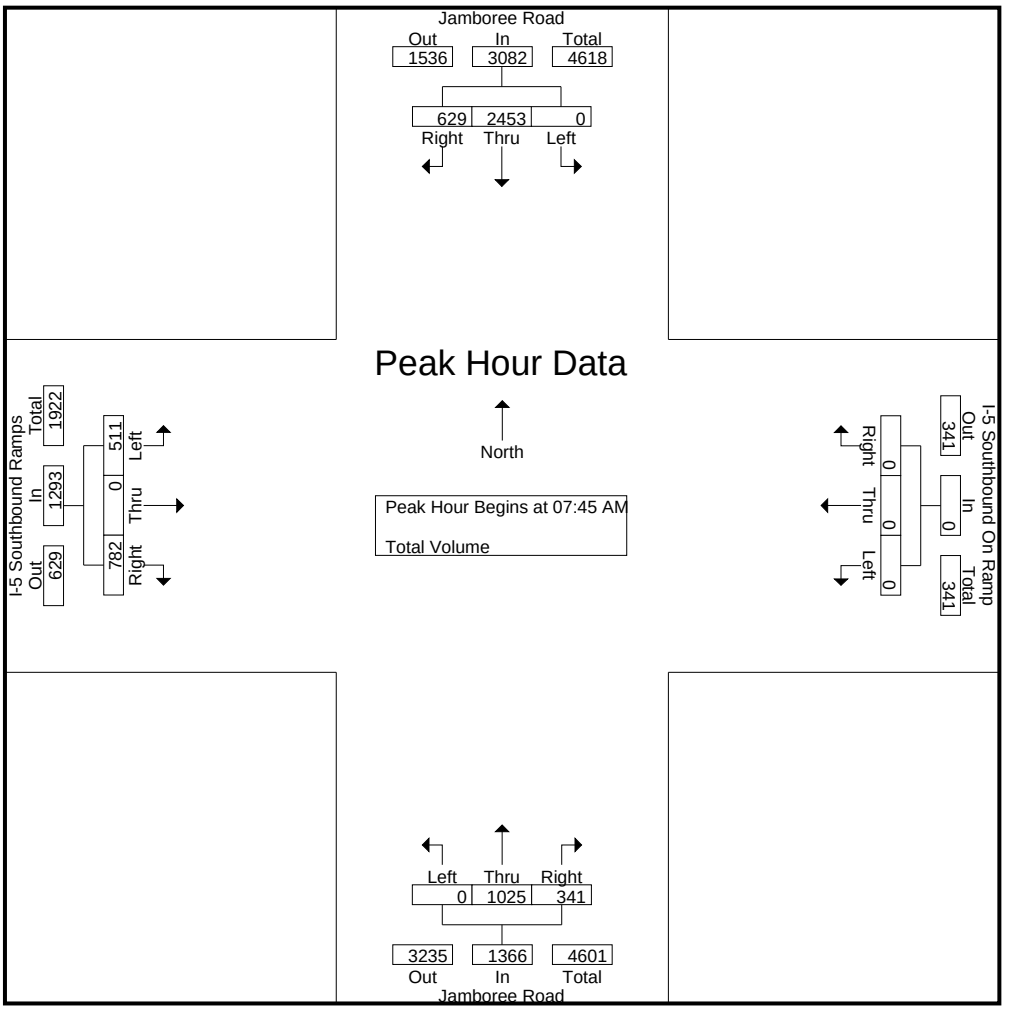
City of Irvine
N/S: Jamboree Road
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 129_IRV_Jam_5S AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:00 AM				08:00 AM				07:45 AM			
+0 mins.	0	601	**172**	773	0	0	0	0	0	251	74	325	128	0	201	329
+15 mins.	0	520	138	658	0	0	0	0	0	**299**	**102**	**401**	**141**	0	**204**	**345**
+30 mins.	0	641	157	798	0	0	0	0	0	225	84	309	136	0	189	325
+45 mins.	0	**691**	162	**853**	0	0	0	0	0	268	100	368	106	0	188	294
Total Volume	0	2453	629	3082	0	0	0	0	0	1043	360	1403	511	0	782	1293
% App. Total	0	79.6	20.4		0	0	0		0	74.3	25.7		39.5	0	60.5	
PHF	.000	.887	.914	.903	.000	.000	.000	.000	.000	.872	.882	.875	.906	.000	.958	.937

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City of Irvine
N/S: Jamboree Road
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 129_IRV_Jam_5S PM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				I-5 Southbound On Ramp Westbound				Jamboree Road Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	301	110	411	0	0	0	0	0	511	242	753	152	0	121	273	1437
04:15 PM	0	299	115	414	0	0	0	0	0	558	279	837	134	0	122	256	1507
04:30 PM	0	298	117	415	0	0	0	0	0	540	292	832	144	0	132	276	1523
04:45 PM	0	308	110	418	0	0	0	0	0	587	285	872	146	0	155	301	1591
Total	0	1206	452	1658	0	0	0	0	0	2196	1098	3294	576	0	530	1106	6058
05:00 PM	0	285	113	398	0	0	0	0	0	570	281	851	153	0	124	277	1526
05:15 PM	0	340	126	466	0	0	0	0	0	573	291	864	131	0	105	236	1566
05:30 PM	0	349	129	478	0	0	0	0	0	535	295	830	104	0	117	221	1529
05:45 PM	0	363	111	474	0	0	0	0	0	621	257	878	98	0	101	199	1551
Total	0	1337	479	1816	0	0	0	0	0	2299	1124	3423	486	0	447	933	6172
Grand Total	0	2543	931	3474	0	0	0	0	0	4495	2222	6717	1062	0	977	2039	12230
Apprch %	0	73.2	26.8		0	0	0		0	66.9	33.1		52.1	0	47.9		
Total %	0	20.8	7.6	28.4	0	0	0	0	0	36.8	18.2	54.9	8.7	0	8	16.7	

	Jamboree Road Southbound				I-5 Southbound On Ramp Westbound				Jamboree Road Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	308	110	418	0	0	0	0	0	**587**	285	**872**	146	0	**155**	**301**	**1591**
05:00 PM	0	285	113	398	0	0	0	0	0	570	281	851	**153**	0	124	277	1526
05:15 PM	0	340	126	466	0	0	0	0	0	573	291	864	131	0	105	236	1566
05:30 PM	0	**349**	**129**	**478**	0	0	0	0	0	535	**295**	830	104	0	117	221	1529
Total Volume	0	1282	478	1760	0	0	0	0	0	2265	1152	3417	534	0	501	1035	6212
% App. Total	0	72.8	27.2		0	0	0		0	66.3	33.7		51.6	0	48.4		
PHF	.000	.918	.926	.921	.000	.000	.000	.000	.000	.965	.976	.980	.873	.000	.808	.860	.976

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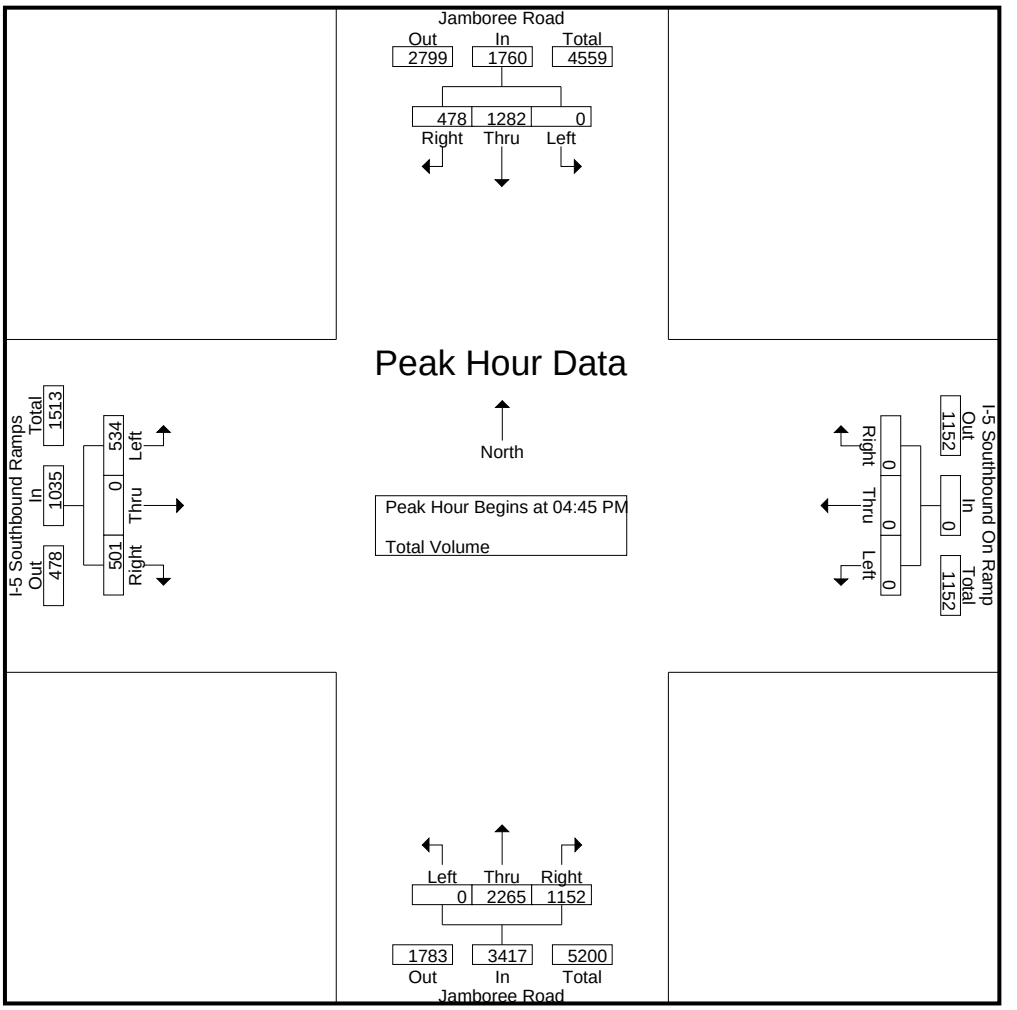
City of Irvine
N/S: Jamboree Road
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 129_IRV_Jam_5S PM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				04:15 PM			
+0 mins.	0	285	113	398	0	0	0	0	0	570	281	851	134	0	122	256
+15 mins.	0	340	126	466	0	0	0	0	0	573	291	864	144	0	132	276
+30 mins.	0	349	**129**	**478**	0	0	0	0	0	535	**295**	830	146	0	**155**	**301**
+45 mins.	0	**363**	111	474	0	0	0	0	0	**621**	257	**878**	**153**	0	124	277
Total Volume	0	1337	479	1816	0	0	0	0	0	2299	1124	3423	577	0	533	1110
% App. Total	0	73.6	26.4		0	0	0		0	67.2	32.8		52	0	48	
PHF	.000	.921	.928	.950	.000	.000	.000	.000	.000	.926	.953	.975	.943	.000	.860	.922

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City of Irvine
N/S: Jamboree Road (Southbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 131_IRV_Jam SB_Wal AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	41	70	45	156	24	48	0	72	0	0	0	0	0	37	29	66	294
07:15 AM	63	144	57	264	39	66	0	105	0	0	0	0	0	50	26	76	445
07:30 AM	48	152	84	284	46	70	0	116	0	0	0	0	0	54	40	94	494
07:45 AM	58	156	91	305	53	100	0	153	0	0	0	0	0	64	42	106	564
Total	210	522	277	1009	162	284	0	446	0	0	0	0	0	205	137	342	1797
08:00 AM	63	158	89	310	65	120	0	185	0	0	0	0	0	68	43	111	606
08:15 AM	75	164	93	332	56	104	0	160	0	0	0	0	0	61	39	100	592
08:30 AM	71	180	91	342	63	92	0	155	0	0	0	0	0	53	43	96	593
08:45 AM	50	144	96	290	70	104	0	174	0	0	0	0	0	50	37	87	551
Total	259	646	369	1274	254	420	0	674	0	0	0	0	0	232	162	394	2342
Grand Total	469	1168	646	2283	416	704	0	1120	0	0	0	0	0	437	299	736	4139
Apprch %	20.5	51.2	28.3		37.1	62.9	0		0	0	0		0	59.4	40.6		
Total %	11.3	28.2	15.6	55.2	10.1	17	0	27.1	0	0	0	0	0	10.6	7.2	17.8	

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	58	156	91	305	53	100	0	153	0	0	0	0	0	64	42	106	564
08:00 AM	63	158	89	310	**65**	**120**	0	**185**	0	0	0	0	0	**68**	**43**	**111**	**606**
08:15 AM	**75**	164	**93**	332	56	104	0	160	0	0	0	0	0	61	39	100	592
08:30 AM	71	**180**	91	**342**	63	92	0	155	0	0	0	0	0	53	43	96	593
Total Volume	267	658	364	1289	237	416	0	653	0	0	0	0	0	246	167	413	2355
% App. Total	20.7	51	28.2		36.3	63.7	0		0	0	0		0	59.6	40.4		
PHF	.890	.914	.978	.942	.912	.867	.000	.882	.000	.000	.000	.000	.000	.904	.971	.930	.972

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City of Irvine
N/S: Jamboree Road (Southbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 131_IRV_Jam SB_Wal AM
Site Code : 05122767
Start Date : 9/1/2022
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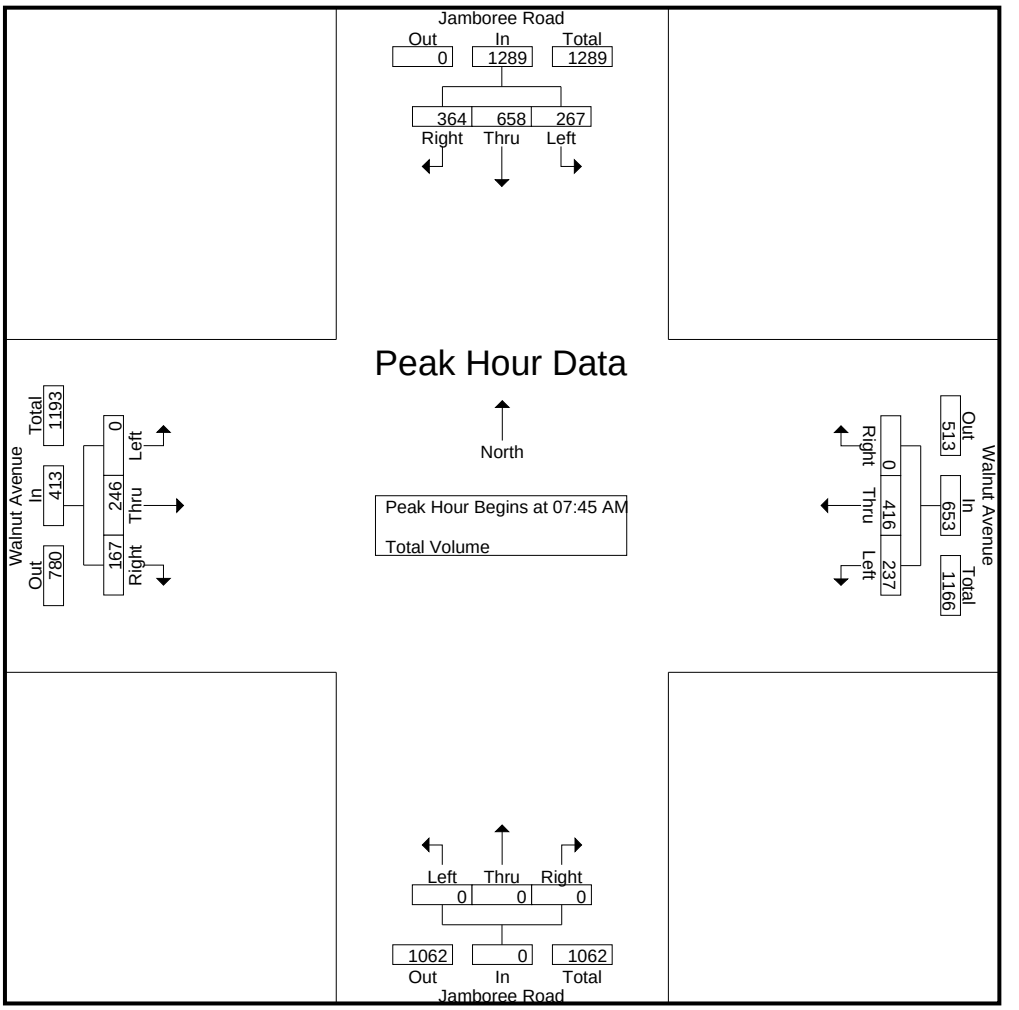

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:00 AM				07:45 AM			
+0 mins.	58	156	91	305	65	**120**	0	**185**	0	0	0	0	0	64	42	106
+15 mins.	63	158	89	310	56	104	0	160	0	0	0	0	0	**68**	**43**	**111**
+30 mins.	**75**	164	**93**	332	63	92	0	155	0	0	0	0	0	61	39	100
+45 mins.	71	**180**	91	**342**	**70**	104	0	174	0	0	0	0	0	53	43	96
Total Volume	267	658	364	1289	254	420	0	674	0	0	0	0	0	246	167	413
% App. Total	20.7	51	28.2		37.7	62.3	0		0	0	0		0	59.6	40.4	
PHF	.890	.914	.978	.942	.907	.875	.000	.911	.000	.000	.000	.000	.000	.904	.971	.930

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City of Irvine
N/S: Jamboree Road (Southbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 131_IRV_Jam SB_Wal PM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	51	87	42	180	48	139	0	187	0	0	0	0	0	106	62	168	535
04:15 PM	55	99	40	194	53	125	0	178	0	0	0	0	0	100	61	161	533
04:30 PM	63	86	33	182	77	152	0	229	0	0	0	0	0	108	83	191	602
04:45 PM	61	90	29	180	42	138	0	180	0	0	0	0	0	113	60	173	533
Total	230	362	144	736	220	554	0	774	0	0	0	0	0	427	266	693	2203
05:00 PM	81	88	30	199	61	143	0	204	0	0	0	0	0	164	106	270	673
05:15 PM	62	104	39	205	63	165	0	228	0	0	0	0	0	141	91	232	665
05:30 PM	70	111	36	217	50	142	0	192	0	0	0	0	0	132	71	203	612
05:45 PM	63	109	41	213	73	152	0	225	0	0	0	0	0	102	69	171	609
Total	276	412	146	834	247	602	0	849	0	0	0	0	0	539	337	876	2559
Grand Total	506	774	290	1570	467	1156	0	1623	0	0	0	0	0	966	603	1569	4762
Apprch %	32.2	49.3	18.5		28.8	71.2	0		0	0	0		0	61.6	38.4		
Total %	10.6	16.3	6.1	33	9.8	24.3	0	34.1	0	0	0	0	0	20.3	12.7	32.9	

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**81**	88	30	199	61	143	0	204	0	0	0	0	0	**164**	**106**	**270**	**673**
05:15 PM	62	104	39	205	63	**165**	0	**228**	0	0	0	0	0	141	91	232	665
05:30 PM	70	**111**	36	**217**	50	142	0	192	0	0	0	0	0	132	71	203	612
05:45 PM	63	109	**41**	213	**73**	152	0	225	0	0	0	0	0	102	69	171	609
Total Volume	276	412	146	834	247	602	0	849	0	0	0	0	0	539	337	876	2559
% App. Total	33.1	49.4	17.5		29.1	70.9	0		0	0	0		0	61.5	38.5		
PHF	.852	.928	.890	.961	.846	.912	.000	.931	.000	.000	.000	.000	.000	.822	.795	.811	.951

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City of Irvine
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E/W: Walnut Avenue
Weather: Clear

File Name : 131_IRV_Jam SB_Wal PM
Site Code : 05122767
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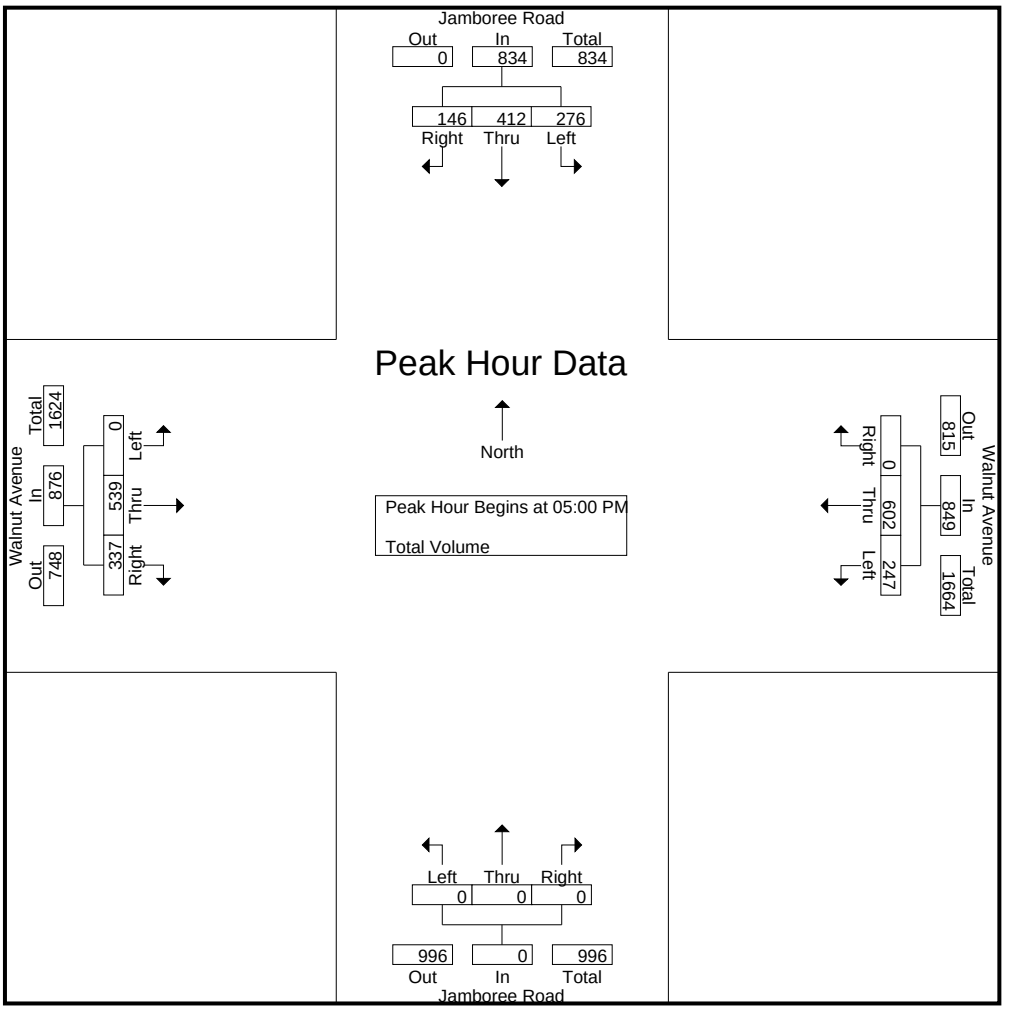

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:00 PM				04:45 PM			
+0 mins.	**81**	88	30	199	61	143	0	204	0	0	0	0	0	113	60	173
+15 mins.	62	104	39	205	63	**165**	0	**228**	0	0	0	0	0	**164**	**106**	**270**
+30 mins.	70	**111**	36	**217**	50	142	0	192	0	0	0	0	0	141	91	232
+45 mins.	63	109	**41**	213	**73**	152	0	225	0	0	0	0	0	132	71	203
Total Volume	276	412	146	834	247	602	0	849	0	0	0	0	0	550	328	878
% App. Total	33.1	49.4	17.5		29.1	70.9	0		0	0	0		0	62.6	37.4	
PHF	.852	.928	.890	.961	.846	.912	.000	.931	.000	.000	.000	.000	.000	.838	.774	.813

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City of Irvine
N/S: Jamboree Road (Northbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 132_IRV_Jam NB_Wal AM
Site Code : 05122767
Start Date : 9/1/2022
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	45	49	94	27	45	25	97	19	62	0	81	272
07:15 AM	0	0	0	0	0	62	73	135	34	55	27	116	19	93	0	112	363
07:30 AM	0	0	0	0	0	70	59	129	44	71	11	126	14	94	0	108	363
07:45 AM	0	0	0	0	0	99	65	164	54	61	30	145	17	109	0	126	435
Total	0	0	0	0	0	276	246	522	159	232	93	484	69	358	0	427	1433
08:00 AM	0	0	0	0	0	142	65	207	47	78	23	148	20	111	0	131	486
08:15 AM	0	0	0	0	0	129	71	200	34	86	34	154	32	110	0	142	496
08:30 AM	0	0	0	0	0	104	51	155	46	88	38	172	16	99	0	115	442
08:45 AM	0	0	0	0	0	125	50	175	45	70	30	145	15	85	0	100	420
Total	0	0	0	0	0	500	237	737	172	322	125	619	83	405	0	488	1844
Grand Total	0	0	0	0	0	776	483	1259	331	554	218	1103	152	763	0	915	3277
Apprch %	0	0	0		0	61.6	38.4		30	50.2	19.8		16.6	83.4	0		
Total %	0	0	0	0	0	23.7	14.7	38.4	10.1	16.9	6.7	33.7	4.6	23.3	0	27.9	

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	99	65	164	**54**	61	30	145	17	109	0	126	435
08:00 AM	0	0	0	0	0	**142**	65	**207**	47	78	23	148	20	**111**	0	131	486
08:15 AM	0	0	0	0	0	129	**71**	200	34	86	34	154	**32**	110	0	**142**	**496**
08:30 AM	0	0	0	0	0	104	51	155	46	**88**	**38**	**172**	16	99	0	115	442
Total Volume	0	0	0	0	0	474	252	726	181	313	125	619	85	429	0	514	1859
% App. Total	0	0	0		0	65.3	34.7		29.2	50.6	20.2		16.5	83.5	0		
PHF	.000	.000	.000	.000	.000	.835	.887	.877	.838	.889	.822	.900	.664	.966	.000	.905	.937

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City of Irvine
N/S: Jamboree Road (Northbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 132_IRV_Jam NB_Wal AM
Site Code : 05122767
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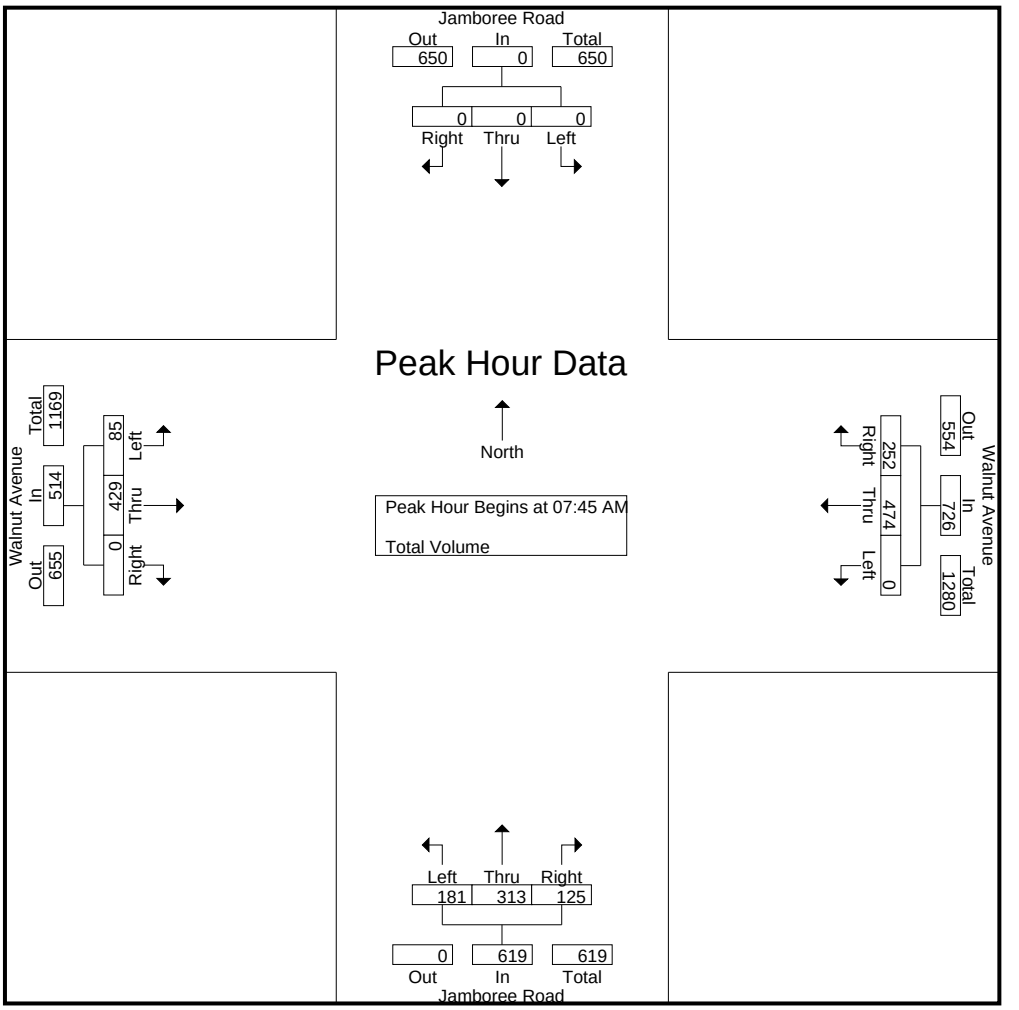

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	0	0	0	0	0	**142**	65	**207**	**54**	61	30	145	17	109	0	126
+15 mins.	0	0	0	0	0	129	**71**	200	47	78	23	148	20	**111**	0	131
+30 mins.	0	0	0	0	0	104	51	155	34	86	34	154	**32**	110	0	**142**
+45 mins.	0	0	0	0	0	125	50	175	46	**88**	**38**	**172**	16	99	0	115
Total Volume	0	0	0	0	0	500	237	737	181	313	125	619	85	429	0	514
% App. Total	0	0	0		0	67.8	32.2		29.2	50.6	20.2		16.5	83.5	0	
PHF	.000	.000	.000	.000	.000	.880	.835	.890	.838	.889	.822	.900	.664	.966	.000	.905

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City of Irvine
N/S: Jamboree Road (Northbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 132_IRV_Jam NB_Wal PM
Site Code : 05122767
Start Date : 9/1/2022
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Groups Printed- Total Volume

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	136	81	217	43	124	42	209	61	103	0	164	590
04:15 PM	0	0	0	0	0	130	74	204	35	94	68	197	64	94	0	158	559
04:30 PM	0	0	0	0	0	185	85	270	33	107	71	211	46	135	0	181	662
04:45 PM	0	0	0	0	0	134	78	212	43	114	104	261	55	117	0	172	645
Total	0	0	0	0	0	585	318	903	154	439	285	878	226	449	0	675	2456
05:00 PM	0	0	0	0	0	159	66	225	38	110	80	228	85	160	0	245	698
05:15 PM	0	0	0	0	0	174	65	239	46	112	93	251	61	138	0	199	689
05:30 PM	0	0	0	0	0	156	83	239	26	120	103	249	66	138	0	204	692
05:45 PM	0	0	0	0	0	161	83	244	57	103	98	258	51	116	0	167	669
Total	0	0	0	0	0	650	297	947	167	445	374	986	263	552	0	815	2748
Grand Total	0	0	0	0	0	1235	615	1850	321	884	659	1864	489	1001	0	1490	5204
Apprch %	0	0	0		0	66.8	33.2		17.2	47.4	35.4		32.8	67.2	0		
Total %	0	0	0	0	0	23.7	11.8	35.5	6.2	17	12.7	35.8	9.4	19.2	0	28.6	

	Jamboree Road Southbound				Walnut Avenue Westbound				Jamboree Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	159	66	225	38	110	80	228	**85**	**160**	0	**245**	**698**
05:15 PM	0	0	0	0	0	**174**	65	239	46	112	93	251	61	138	0	199	689
05:30 PM	0	0	0	0	0	156	**83**	239	26	**120**	**103**	249	66	138	0	204	692
05:45 PM	0	0	0	0	0	161	83	**244**	**57**	103	98	**258**	51	116	0	167	669
Total Volume	0	0	0	0	0	650	297	947	167	445	374	986	263	552	0	815	2748
% App. Total	0	0	0		0	68.6	31.4		16.9	45.1	37.9		32.3	67.7	0		
PHF	.000	.000	.000	.000	.000	.934	.895	.970	.732	.927	.908	.955	.774	.863	.000	.832	.984

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City of Irvine
N/S: Jamboree Road (Northbound)
E/W: Walnut Avenue
Weather: Clear

File Name : 132_IRV_Jam NB_Wal PM
Site Code : 05122767
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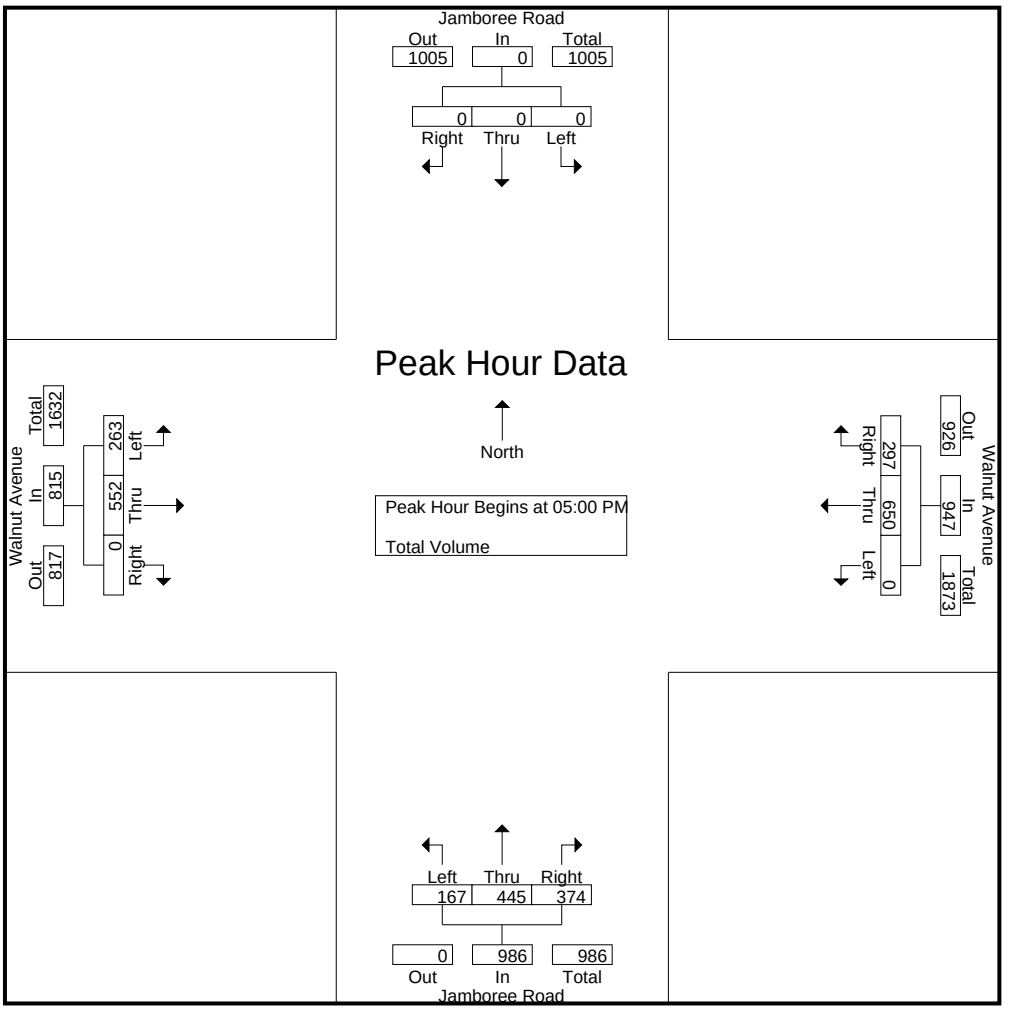

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:45 PM				04:45 PM			
+0 mins.	0	0	0	0	0	159	66	225	43	114	**104**	**261**	55	117	0	172
+15 mins.	0	0	0	0	0	**174**	65	239	38	110	80	228	**85**	**160**	0	**245**
+30 mins.	0	0	0	0	0	156	**83**	239	**46**	112	93	251	61	138	0	199
+45 mins.	0	0	0	0	0	161	83	**244**	26	**120**	103	249	66	138	0	204
Total Volume	0	0	0	0	0	650	297	947	153	456	380	989	267	553	0	820
% App. Total	0	0	0		0	68.6	31.4		15.5	46.1	38.4		32.6	67.4	0	
PHF	.000	.000	.000	.000	.000	.934	.895	.970	.832	.950	.913	.947	.785	.864	.000	.837

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City of Tustin
N/S: Jamboree Road Ramps
E/W: Edinger Avenue
Weather: Clear

File Name : 133_TUS_JAMR_EDIN AM
Site Code : 05124139
Start Date : 5/23/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Ramps Southbound				Edinger Avenue Westbound				Jamboree Road Ramps Northbound				Edinger Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	0	69	94	25	60	39	124	10	0	10	20	24	98	12	134	372
07:15 AM	42	0	97	139	27	92	44	163	11	0	7	18	27	96	15	138	458
07:30 AM	70	0	95	165	38	116	49	203	8	0	9	17	44	137	21	202	587
07:45 AM	60	0	118	178	42	130	63	235	16	0	10	26	51	140	19	210	649
Total	197	0	379	576	132	398	195	725	45	0	36	81	146	471	67	684	2066
08:00 AM	58	0	103	161	40	142	68	250	15	0	14	29	44	159	23	226	666
08:15 AM	68	0	101	169	48	147	68	263	28	0	13	41	50	108	16	174	647
08:30 AM	42	0	88	130	47	124	47	218	13	0	15	28	48	161	27	236	612
08:45 AM	60	0	86	146	27	109	49	185	17	0	17	34	33	115	20	168	533
Total	228	0	378	606	162	522	232	916	73	0	59	132	175	543	86	804	2458
Grand Total	425	0	757	1182	294	920	427	1641	118	0	95	213	321	1014	153	1488	4524
Apprch %	36	0	64		17.9	56.1	26		55.4	0	44.6		21.6	68.1	10.3		
Total %	9.4	0	16.7	26.1	6.5	20.3	9.4	36.3	2.6	0	2.1	4.7	7.1	22.4	3.4	32.9	

	Jamboree Road Ramps Southbound				Edinger Avenue Westbound				Jamboree Road Ramps Northbound				Edinger Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	60	0	118	178	42	130	63	235	16	0	10	26	51	140	19	210	649
08:00 AM	58	0	103	161	40	142	68	250	15	0	14	29	44	159	23	226	666
08:15 AM	68	0	101	169	48	147	68	263	28	0	13	41	50	108	16	174	647
08:30 AM	42	0	88	130	47	124	47	218	13	0	15	28	48	161	27	236	612
Total Volume	228	0	410	638	177	543	246	966	72	0	52	124	193	568	85	846	2574
% App. Total	35.7	0	64.3		18.3	56.2	25.5		58.1	0	41.9		22.8	67.1	10		
PHF	.838	.000	.869	.896	.922	.923	.904	.918	.643	.000	.867	.756	.946	.882	.787	.896	.966

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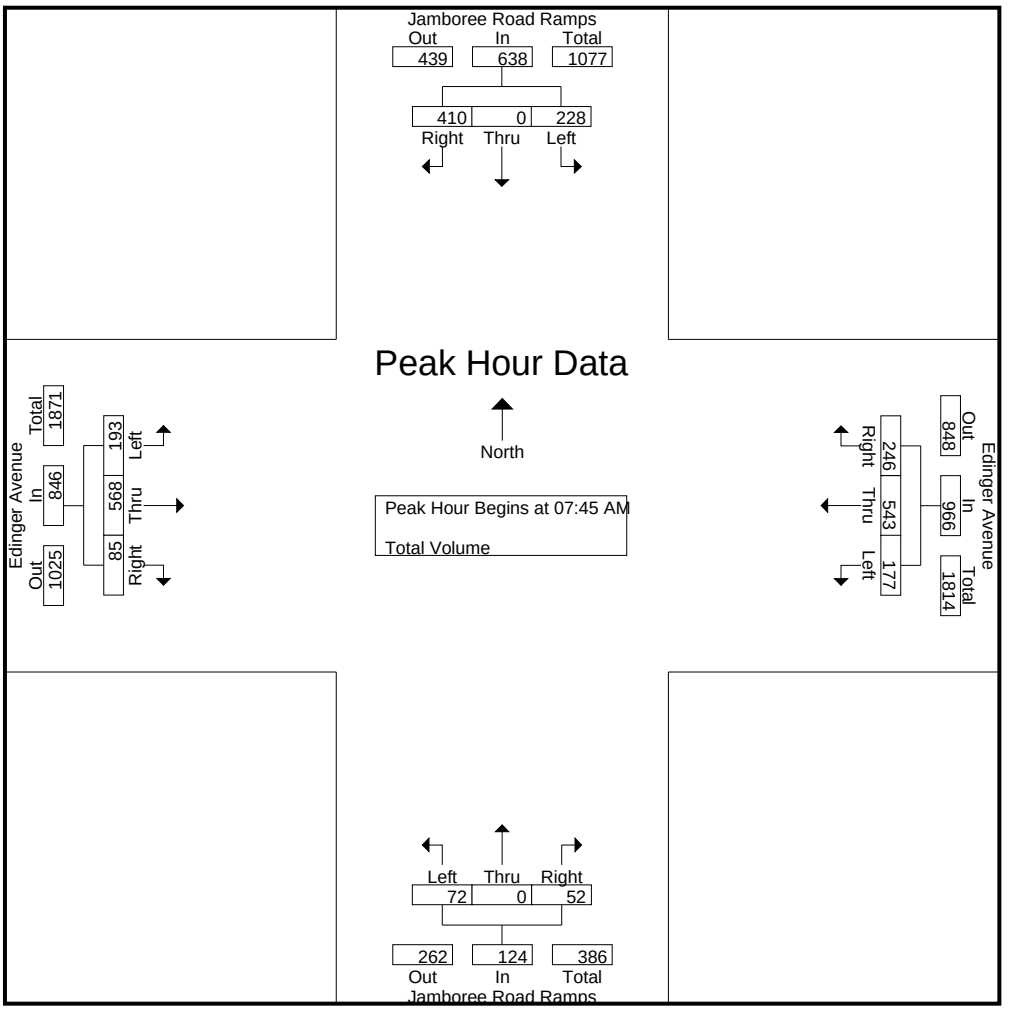
City of Tustin
N/S: Jamboree Road Ramps
E/W: Edinger Avenue
Weather: Clear

File Name : 133_TUS_JAMR_EDIN AM
Site Code : 05124139
Start Date : 5/23/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	70	0	95	165	42	130	63	235	15	0	14	29	51	140	19	210
+15 mins.	60	0	118	178	40	142	68	250	28	0	13	41	44	159	23	226
+30 mins.	58	0	103	161	48	147	68	263	13	0	15	28	50	108	16	174
+45 mins.	68	0	101	169	47	124	47	218	17	0	17	34	48	161	27	236
Total Volume	256	0	417	673	177	543	246	966	73	0	59	132	193	568	85	846
% App. Total	38	0	62		18.3	56.2	25.5		55.3	0	44.7		22.8	67.1	10	
PHF	.914	.000	.883	.945	.922	.923	.904	.918	.652	.000	.868	.805	.946	.882	.787	.896

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City of Tustin
N/S: Jamboree Road Ramps
E/W: Edinger Avenue
Weather: Clear

File Name : 133_TUS_JAMR_EDIN PM
Site Code : 05124139
Start Date : 5/23/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Ramps Southbound				Edinger Avenue Westbound				Jamboree Road Ramps Northbound				Edinger Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	0	66	110	29	208	68	305	38	0	27	65	68	121	30	219	699
04:15 PM	59	0	58	117	29	260	47	336	36	0	42	78	70	105	16	191	722
04:30 PM	71	0	73	144	26	275	44	345	42	0	37	79	96	132	26	254	822
04:45 PM	72	0	74	146	42	257	70	369	48	0	44	92	72	139	23	234	841
Total	246	0	271	517	126	1000	229	1355	164	0	150	314	306	497	95	898	3084
05:00 PM	70	0	59	129	34	254	70	358	52	0	61	113	100	215	32	347	947
05:15 PM	75	0	53	128	43	222	61	326	47	0	47	94	87	192	22	301	849
05:30 PM	86	0	55	141	35	220	52	307	51	0	58	109	78	167	39	284	841
05:45 PM	84	0	50	134	35	298	58	391	30	0	51	81	90	168	24	282	888
Total	315	0	217	532	147	994	241	1382	180	0	217	397	355	742	117	1214	3525
Grand Total	561	0	488	1049	273	1994	470	2737	344	0	367	711	661	1239	212	2112	6609
Apprch %	53.5	0	46.5		10	72.9	17.2		48.4	0	51.6		31.3	58.7	10		
Total %	8.5	0	7.4	15.9	4.1	30.2	7.1	41.4	5.2	0	5.6	10.8	10	18.7	3.2	32	

	Jamboree Road Ramps Southbound				Edinger Avenue Westbound				Jamboree Road Ramps Northbound				Edinger Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	70	0	59	129	34	254	70	358	52	0	61	113	100	215	32	347	947
05:15 PM	75	0	53	128	43	222	61	326	47	0	47	94	87	192	22	301	849
05:30 PM	86	0	55	141	35	220	52	307	51	0	58	109	78	167	39	284	841
05:45 PM	84	0	50	134	35	298	58	391	30	0	51	81	90	168	24	282	888
Total Volume	315	0	217	532	147	994	241	1382	180	0	217	397	355	742	117	1214	3525
% App. Total	59.2	0	40.8		10.6	71.9	17.4		45.3	0	54.7		29.2	61.1	9.6		
PHF	.916	.000	.919	.943	.855	.834	.861	.884	.865	.000	.889	.878	.888	.863	.750	.875	.931

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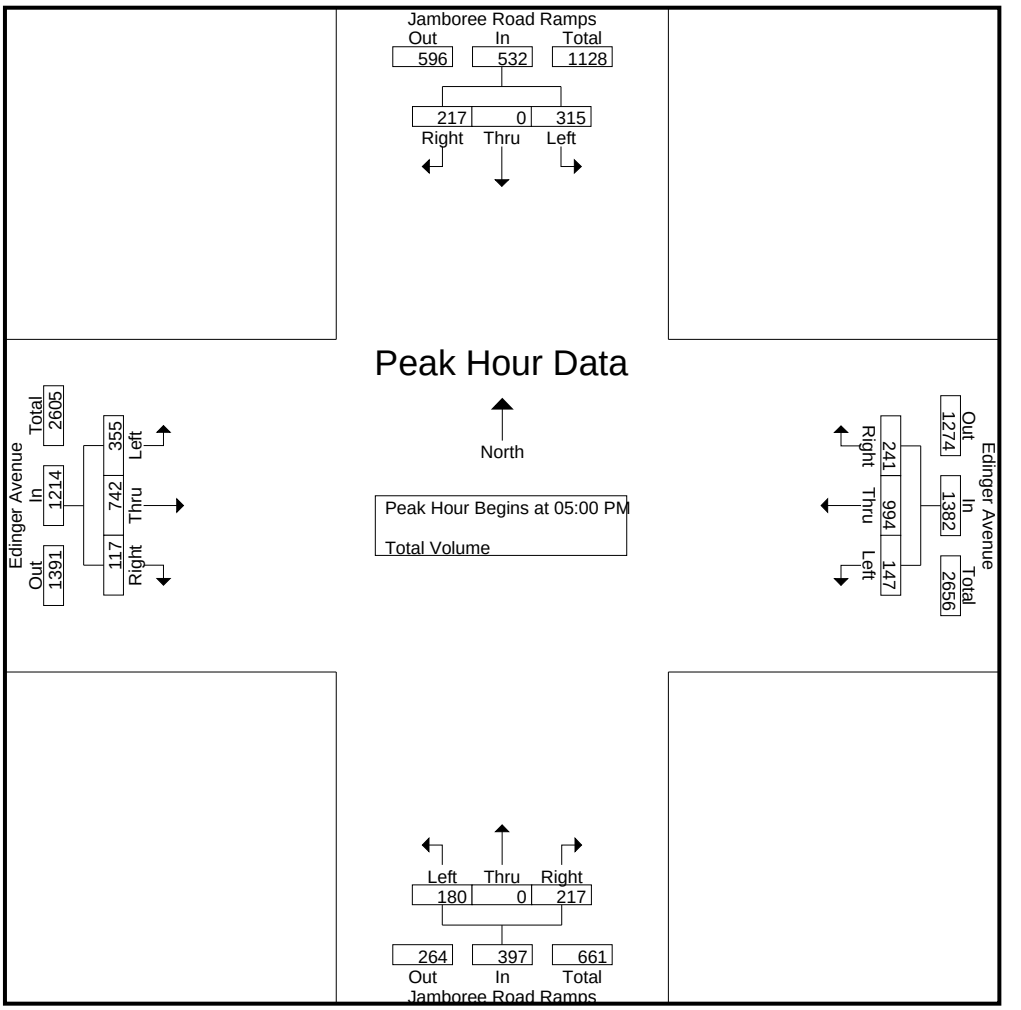
City of Tustin
N/S: Jamboree Road Ramps
E/W: Edinger Avenue
Weather: Clear

File Name : 133_TUS_JAMR_EDIN PM
Site Code : 05124139
Start Date : 5/23/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				04:45 PM				05:00 PM			
+0 mins.	71	0	73	144	29	260	47	336	48	0	44	92	100	215	32	347
+15 mins.	72	0	74	146	26	275	44	345	52	0	61	113	87	192	22	301
+30 mins.	70	0	59	129	42	257	70	369	47	0	47	94	78	167	39	284
+45 mins.	75	0	53	128	34	254	70	358	51	0	58	109	90	168	24	282
Total Volume	288	0	259	547	131	1046	231	1408	198	0	210	408	355	742	117	1214
% App. Total	52.7	0	47.3		9.3	74.3	16.4		48.5	0	51.5		29.2	61.1	9.6	
PHF	.960	.000	.875	.937	.780	.951	.825	.954	.952	.000	.861	.903	.888	.863	.750	.875

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 135_IRV_JAMR_WAR AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Ramps Southbound				Warner Avenue Westbound				ExtraSpace Storage Driveway Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	6	7	0	37	33	70	0	0	0	0	65	46	1	112	189
07:15 AM	0	0	1	1	0	61	50	111	0	1	0	1	39	63	1	103	216
07:30 AM	1	0	6	7	0	63	58	121	0	0	0	0	49	106	1	156	284
07:45 AM	1	0	3	4	1	78	78	157	0	0	0	0	50	129	1	180	341
Total	3	0	16	19	1	239	219	459	0	1	0	1	203	344	4	551	1030
08:00 AM	2	0	7	9	1	66	64	131	0	0	0	0	50	121	0	171	311
08:15 AM	0	0	7	7	1	114	52	167	0	0	1	1	39	136	3	178	353
08:30 AM	1	0	3	4	1	102	61	164	0	0	0	0	37	132	2	171	339
08:45 AM	1	0	7	8	2	101	45	148	0	0	0	0	49	113	0	162	318
Total	4	0	24	28	5	383	222	610	0	0	1	1	175	502	5	682	1321
Grand Total	7	0	40	47	6	622	441	1069	0	1	1	2	378	846	9	1233	2351
Apprch %	14.9	0	85.1		0.6	58.2	41.3		0	50	50		30.7	68.6	0.7		
Total %	0.3	0	1.7	2	0.3	26.5	18.8	45.5	0	0	0	0.1	16.1	36	0.4	52.4	

	Jamboree Road Ramps Southbound				Warner Avenue Westbound				ExtraSpace Storage Driveway Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	1	0	3	4	1	78	78	157	0	0	0	0	50	129	1	180	341
08:00 AM	2	0	7	9	1	66	64	131	0	0	0	0	50	121	0	171	311
08:15 AM	0	0	7	7	1	114	52	167	0	0	1	1	39	136	3	178	353
08:30 AM	1	0	3	4	1	102	61	164	0	0	0	0	37	132	2	171	339
Total Volume	4	0	20	24	4	360	255	619	0	0	1	1	176	518	6	700	1344
% App. Total	16.7	0	83.3		0.6	58.2	41.2		0	0	100		25.1	74	0.9		
PHF	.500	.000	.714	.667	1.00	.789	.817	.927	.000	.000	.250	.250	.880	.952	.500	.972	.952

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 135_IRV_JAMR_WAR AM
Site Code : 05124139
Start Date : 4/30/2024
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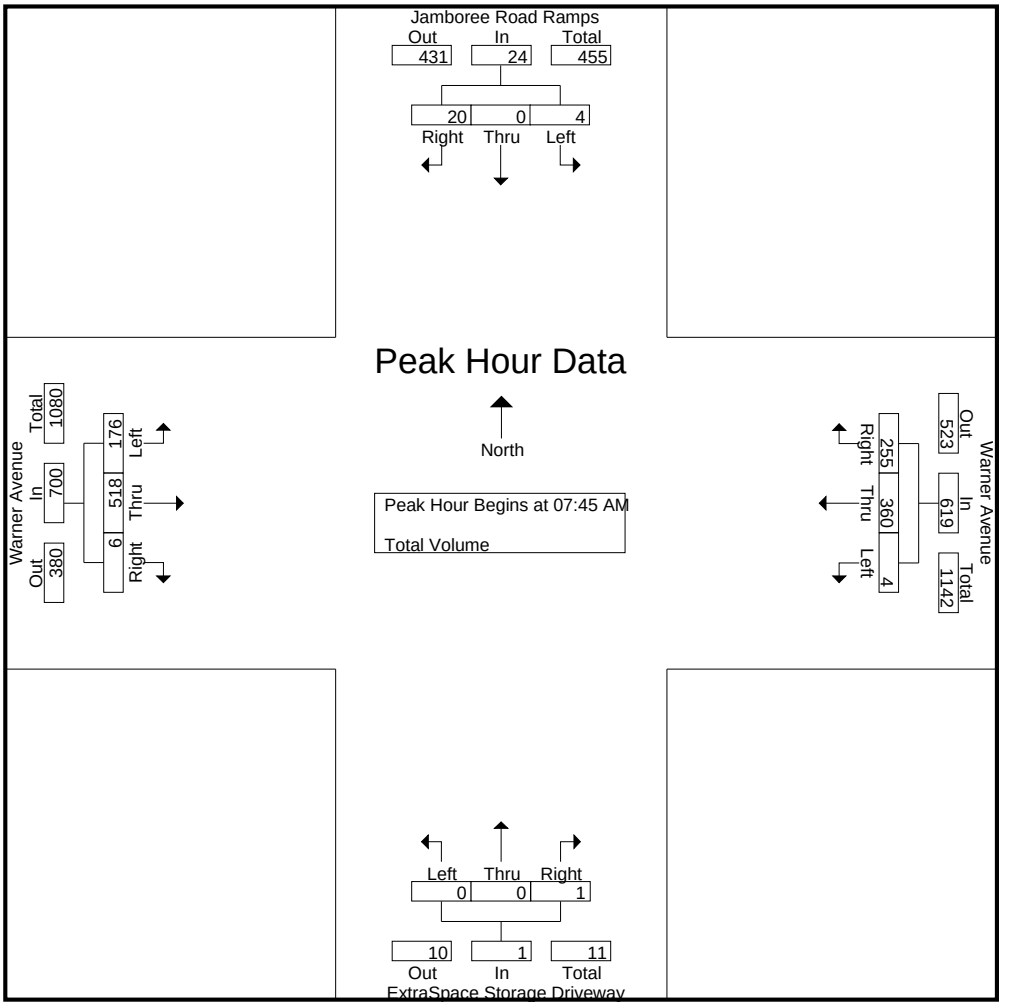

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:00 AM				07:45 AM			
+0 mins.	2	0	7	9	1	78	78	157	0	0	0	0	50	129	1	180
+15 mins.	0	0	7	7	1	66	64	131	0	1	0	1	50	121	0	171
+30 mins.	1	0	3	4	1	114	52	167	0	0	0	0	39	136	3	178
+45 mins.	1	0	7	8	1	102	61	164	0	0	0	0	37	132	2	171
Total Volume	4	0	24	28	4	360	255	619	0	1	0	1	176	518	6	700
% App. Total	14.3	0	85.7		0.6	58.2	41.2		0	100	0		25.1	74	0.9	
PHF	.500	.000	.857	.778	1.000	.789	.817	.927	.000	.250	.000	.250	.880	.952	.500	.972

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 135_IRV_JAMR_WAR PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Ramps Southbound				Warner Avenue Westbound				ExtraSpace Storage Driveway Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	0	26	28	5	154	62	221	1	1	0	2	107	173	0	280	531
04:15 PM	4	1	25	30	0	192	52	244	0	0	0	0	110	151	3	264	538
04:30 PM	4	1	27	32	2	172	66	240	1	0	0	1	137	166	0	303	576
04:45 PM	2	0	13	15	1	138	48	187	1	0	1	2	130	172	3	305	509
Total	12	2	91	105	8	656	228	892	3	1	1	5	484	662	6	1152	2154
05:00 PM	4	0	25	29	2	165	61	228	2	1	0	3	107	192	3	302	562
05:15 PM	5	0	22	27	0	190	60	250	1	0	0	1	136	174	1	311	589
05:30 PM	2	1	22	25	2	195	53	250	0	0	0	0	112	152	3	267	542
05:45 PM	2	1	18	21	1	139	37	177	0	1	0	1	103	169	2	274	473
Total	13	2	87	102	5	689	211	905	3	2	0	5	458	687	9	1154	2166
Grand Total	25	4	178	207	13	1345	439	1797	6	3	1	10	942	1349	15	2306	4320
Apprch %	12.1	1.9	86		0.7	74.8	24.4		60	30	10		40.8	58.5	0.7		
Total %	0.6	0.1	4.1	4.8	0.3	31.1	10.2	41.6	0.1	0.1	0	0.2	21.8	31.2	0.3	53.4	

	Jamboree Road Ramps Southbound				Warner Avenue Westbound				ExtraSpace Storage Driveway Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	4	1	27	32	2	172	66	240	1	0	0	1	137	166	0	303	576
04:45 PM	2	0	13	15	1	138	48	187	1	0	1	2	130	172	3	305	509
05:00 PM	4	0	25	29	2	165	61	228	2	1	0	3	107	192	3	302	562
05:15 PM	5	0	22	27	0	190	60	250	1	0	0	1	136	174	1	311	589
Total Volume	15	1	87	103	5	665	235	905	5	1	1	7	510	704	7	1221	2236
% App. Total	14.6	1	84.5		0.6	73.5	26		71.4	14.3	14.3		41.8	57.7	0.6		
PHF	.750	.250	.806	.805	.625	.875	.890	.905	.625	.250	.250	.583	.931	.917	.583	.982	.949

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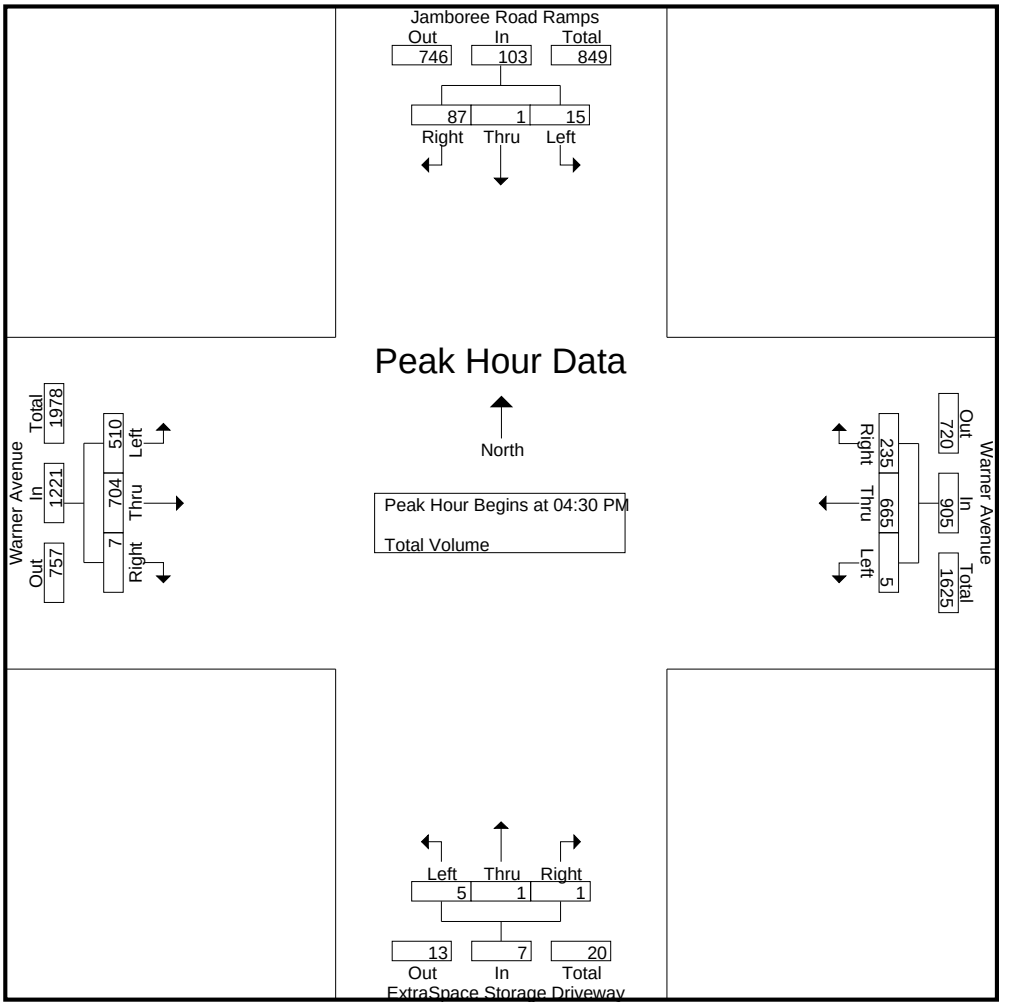
City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 135_IRV_JAMR_WAR PM
Site Code : 05124139
Start Date : 4/30/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				04:30 PM				04:30 PM			
+0 mins.	4	1	25	30	1	138	48	187	1	0	0	1	137	166	0	303
+15 mins.	4	1	27	32	2	165	61	228	1	0	1	2	130	172	3	305
+30 mins.	2	0	13	15	0	190	60	250	2	1	0	3	107	192	3	302
+45 mins.	4	0	25	29	2	195	53	250	1	0	0	1	136	174	1	311
Total Volume	14	2	90	106	5	688	222	915	5	1	1	7	510	704	7	1221
% App. Total	13.2	1.9	84.9		0.5	75.2	24.3		71.4	14.3	14.3		41.8	57.7	0.6	
PHF	.875	.500	.833	.828	.625	.882	.910	.915	.625	.250	.250	.583	.931	.917	.583	.982

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Barranca Pkwy
Weather: Clear

File Name : 136_IRV_JAM_BAR AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Barranca Parkway Westbound				Jamboree Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	42	298	92	432	31	41	52	124	26	94	20	140	22	37	22	81	777
07:15 AM	53	473	157	683	21	40	33	94	19	93	11	123	14	38	16	68	968
07:30 AM	81	522	227	830	28	44	26	98	37	82	12	131	35	59	29	123	1182
07:45 AM	69	669	273	1011	31	74	29	134	34	132	20	186	30	73	23	126	1457
Total	245	1962	749	2956	111	199	140	450	116	401	63	580	101	207	90	398	4384
08:00 AM	108	530	306	944	43	77	31	151	33	111	12	156	42	94	35	171	1422
08:15 AM	96	634	301	1031	36	93	39	168	29	147	10	186	27	68	19	114	1499
08:30 AM	108	544	350	1002	41	96	29	166	36	119	18	173	43	116	36	195	1536
08:45 AM	87	614	285	986	35	78	25	138	40	111	17	168	42	112	36	190	1482
Total	399	2322	1242	3963	155	344	124	623	138	488	57	683	154	390	126	670	5939
Grand Total	644	4284	1991	6919	266	543	264	1073	254	889	120	1263	255	597	216	1068	10323
Apprch %	9.3	61.9	28.8		24.8	50.6	24.6		20.1	70.4	9.5		23.9	55.9	20.2		
Total %	6.2	41.5	19.3	67	2.6	5.3	2.6	10.4	2.5	8.6	1.2	12.2	2.5	5.8	2.1	10.3	

	Jamboree Road Southbound				Barranca Parkway Westbound				Jamboree Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	108	530	306	944	43	77	31	151	33	111	12	156	42	94	35	171	1422
08:15 AM	96	634	301	1031	36	93	39	168	29	147	10	186	27	68	19	114	1499
08:30 AM	108	544	350	1002	41	96	29	166	36	119	18	173	43	116	36	195	1536
08:45 AM	87	614	285	986	35	78	25	138	40	111	17	168	42	112	36	190	1482
Total Volume	399	2322	1242	3963	155	344	124	623	138	488	57	683	154	390	126	670	5939
% App. Total	10.1	58.6	31.3		24.9	55.2	19.9		20.2	71.4	8.3		23	58.2	18.8		
PHF	.924	.916	.887	.961	.901	.896	.795	.927	.863	.830	.792	.918	.895	.841	.875	.859	.967

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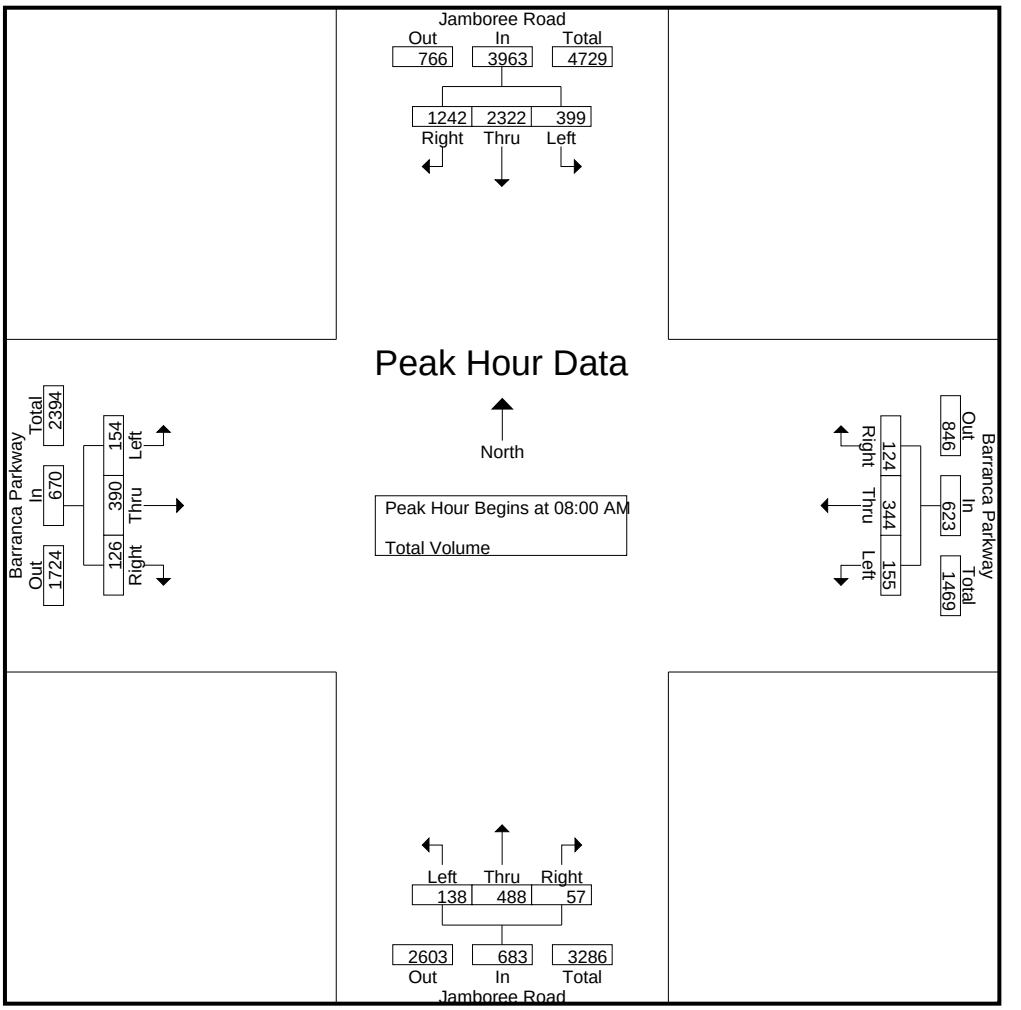
City of Irvine
N/S: Jamboree Road Ramps
E/W: Barranca Pkwy
Weather: Clear

File Name : 136_IRV_JAM_BAR AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	69	669	273	1011	43	77	31	151	34	132	20	186	42	94	35	171
+15 mins.	108	530	306	944	36	93	39	168	33	111	12	156	27	68	19	114
+30 mins.	96	634	301	1031	41	96	29	166	29	147	10	186	43	116	36	195
+45 mins.	108	544	350	1002	35	78	25	138	36	119	18	173	42	112	36	190
Total Volume	381	2377	1230	3988	155	344	124	623	132	509	60	701	154	390	126	670
% App. Total	9.6	59.6	30.8		24.9	55.2	19.9		18.8	72.6	8.6		23	58.2	18.8	
PHF	.882	.888	.879	.967	.901	.896	.795	.927	.917	.866	.750	.942	.895	.841	.875	.859

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 136_IRV_JAM_BAR PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound				Barranca Parkway Westbound				Jamboree Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	51	200	71	322	45	140	103	288	103	549	6	658	126	133	49	308	1576
04:15 PM	29	208	73	310	34	156	107	297	134	612	4	750	134	167	69	370	1727
04:30 PM	33	155	78	266	27	146	92	265	83	522	10	615	138	167	56	361	1507
04:45 PM	49	216	104	369	26	112	86	224	92	643	18	753	97	170	64	331	1677
Total	162	779	326	1267	132	554	388	1074	412	2326	38	2776	495	637	238	1370	6487
05:00 PM	39	190	91	320	36	153	120	309	58	502	12	572	129	205	56	390	1591
05:15 PM	46	218	116	380	29	114	78	221	104	569	18	691	122	171	52	345	1637
05:30 PM	38	181	101	320	22	159	75	256	76	463	13	552	186	160	44	390	1518
05:45 PM	42	207	117	366	19	99	58	176	109	509	38	656	105	144	66	315	1513
Total	165	796	425	1386	106	525	331	962	347	2043	81	2471	542	680	218	1440	6259
Grand Total	327	1575	751	2653	238	1079	719	2036	759	4369	119	5247	1037	1317	456	2810	12746
Apprch %	12.3	59.4	28.3		11.7	53	35.3		14.5	83.3	2.3		36.9	46.9	16.2		
Total %	2.6	12.4	5.9	20.8	1.9	8.5	5.6	16	6	34.3	0.9	41.2	8.1	10.3	3.6	22	

	Jamboree Road Southbound				Barranca Parkway Westbound				Jamboree Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	29	208	73	310	34	156	107	297	134	612	4	750	134	167	69	370	1727
04:30 PM	33	155	78	266	27	146	92	265	83	522	10	615	138	167	56	361	1507
04:45 PM	49	216	104	369	26	112	86	224	92	643	18	753	97	170	64	331	1677
05:00 PM	39	190	91	320	36	153	120	309	58	502	12	572	129	205	56	390	1591
Total Volume	150	769	346	1265	123	567	405	1095	367	2279	44	2690	498	709	245	1452	6502
% App. Total	11.9	60.8	27.4		11.2	51.8	37		13.6	84.7	1.6		34.3	48.8	16.9		
PHF	.765	.890	.832	.857	.854	.909	.844	.886	.685	.886	.611	.893	.902	.865	.888	.931	.941

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City of Irvine
N/S: Jamboree Road Ramps
E/W: Warner Avenue
Weather: Clear

File Name : 136_IRV_JAM_BAR PM
Site Code : 05124139
Start Date : 4/30/2024
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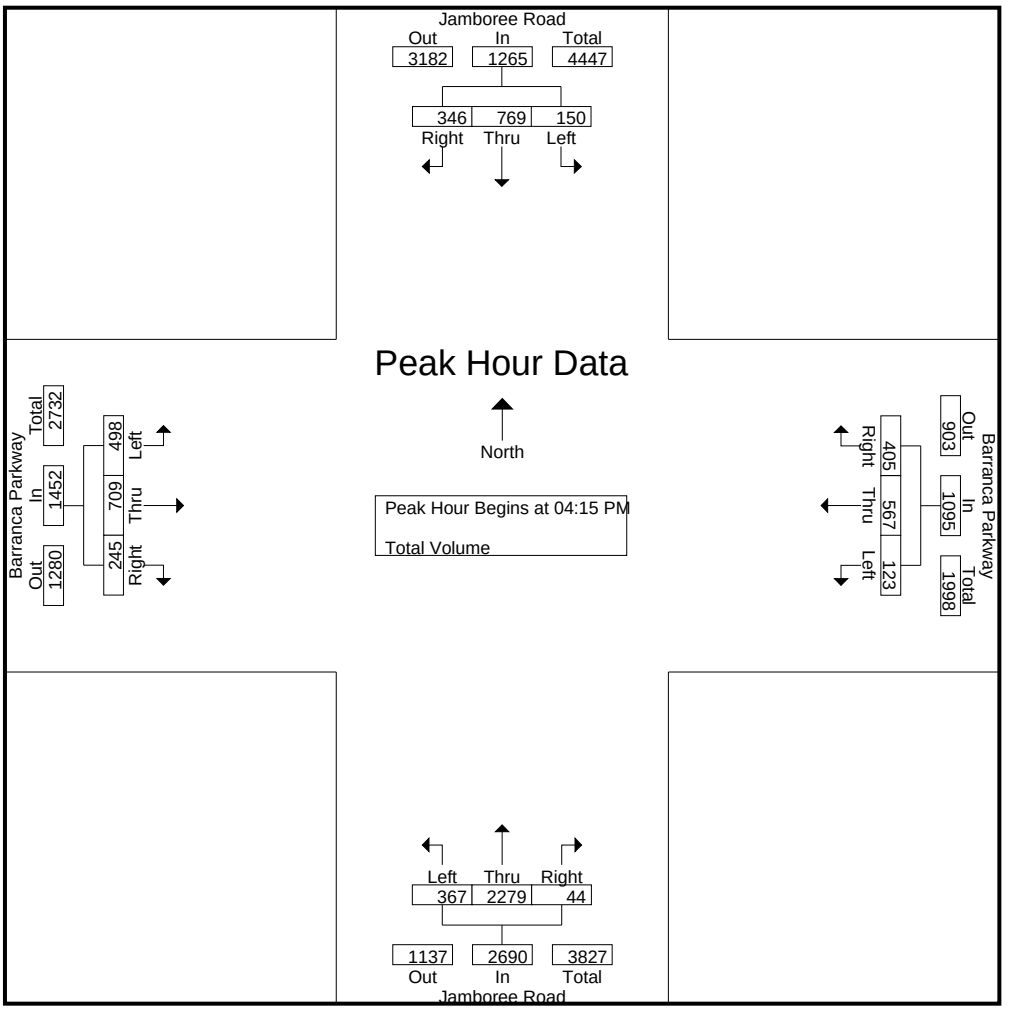

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				04:00 PM				04:45 PM			
+0 mins.	49	216	104	369	34	156	107	297	103	549	6	658	97	170	64	331
+15 mins.	39	190	91	320	27	146	92	265	134	612	4	750	129	205	56	390
+30 mins.	46	218	116	380	26	112	86	224	83	522	10	615	122	171	52	345
+45 mins.	38	181	101	320	36	153	120	309	92	643	18	753	186	160	44	390
Total Volume	172	805	412	1389	123	567	405	1095	412	2326	38	2776	534	706	216	1456
% App. Total	12.4	58	29.7		11.2	51.8	37		14.8	83.8	1.4		36.7	48.5	14.8	
PHF	.878	.923	.888	.914	.854	.909	.844	.886	.769	.904	.528	.922	.718	.861	.844	.933

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 157_IRV_261S_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Southbound Off Ramp Southbound				Portola Parkway Westbound				SR-261 Southbound On Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	10	0	8	18	14	71	0	85	0	0	0	0	0	134	13	147	250
07:15 AM	17	0	8	25	25	101	0	126	0	0	0	0	0	207	17	224	375
07:30 AM	15	0	5	20	55	163	0	218	0	0	0	0	0	294	37	331	569
07:45 AM	13	0	8	21	38	226	0	264	0	0	0	0	0	252	31	283	568
Total	55	0	29	84	132	561	0	693	0	0	0	0	0	887	98	985	1762
08:00 AM	15	0	17	32	52	204	0	256	0	0	0	0	0	226	35	261	549
08:15 AM	11	0	12	23	66	197	0	263	0	0	0	0	0	263	57	320	606
08:30 AM	17	0	12	29	51	161	0	212	0	0	0	0	0	232	29	261	502
08:45 AM	10	0	11	21	36	158	0	194	0	0	0	0	0	177	37	214	429
Total	53	0	52	105	205	720	0	925	0	0	0	0	0	898	158	1056	2086
Grand Total	108	0	81	189	337	1281	0	1618	0	0	0	0	0	1785	256	2041	3848
Apprch %	57.1	0	42.9		20.8	79.2	0		0	0	0		0	87.5	12.5		
Total %	2.8	0	2.1	4.9	8.8	33.3	0	42	0	0	0	0	0	46.4	6.7	53	

	SR-261 Southbound Off Ramp Southbound				Portola Parkway Westbound				SR-261 Southbound On Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	**15**	0	5	20	55	163	0	218	0	0	0	0	0	**294**	37	**331**	569
07:45 AM	13	0	8	21	38	**226**	0	**264**	0	0	0	0	0	252	31	283	568
08:00 AM	15	0	**17**	**32**	52	204	0	256	0	0	0	0	0	226	35	261	549
08:15 AM	11	0	12	23	**66**	197	0	263	0	0	0	0	0	263	**57**	320	**606**
Total Volume	54	0	42	96	211	790	0	1001	0	0	0	0	0	1035	160	1195	2292
% App. Total	56.2	0	43.8		21.1	78.9	0		0	0	0		0	86.6	13.4		
PHF	.900	.000	.618	.750	.799	.874	.000	.948	.000	.000	.000	.000	.000	.880	.702	.903	.946

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 157_IRV_261S_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
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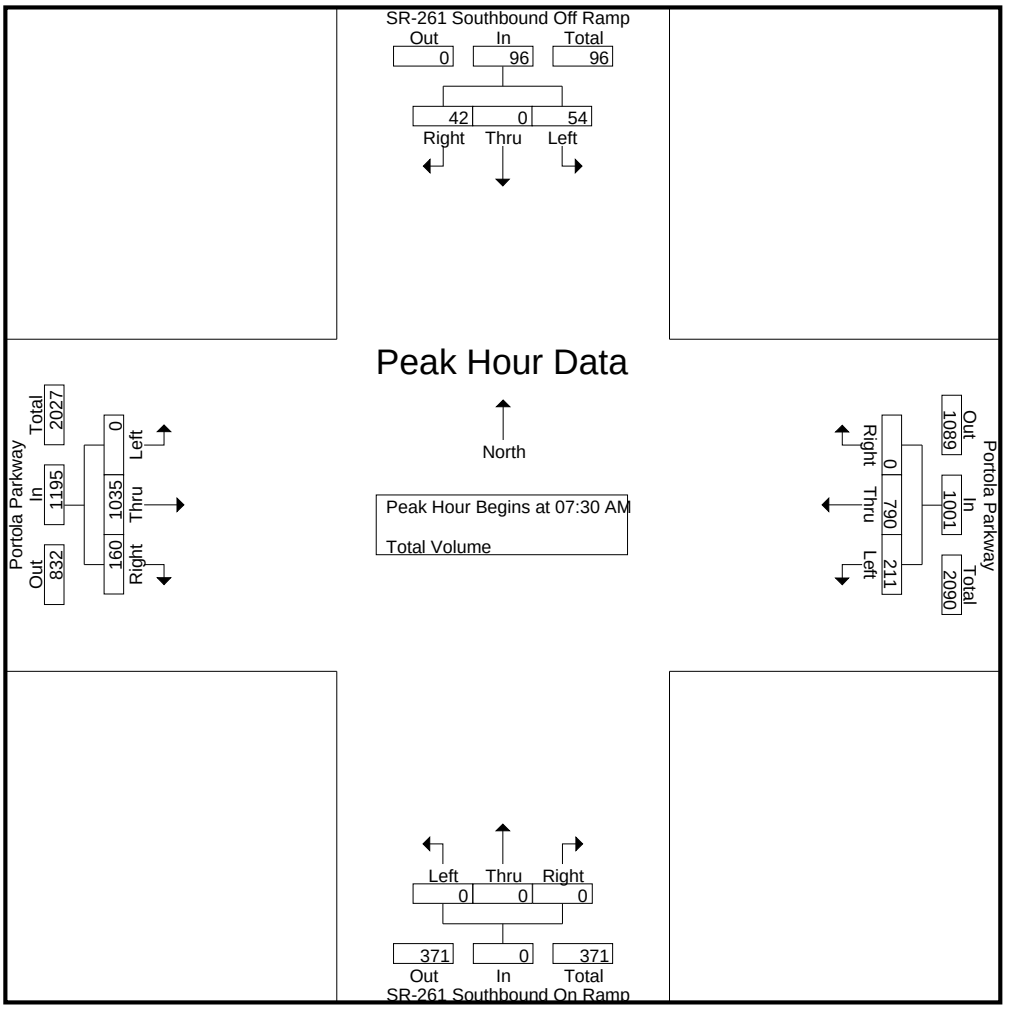

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:00 AM				07:30 AM			
+0 mins.	13	0	8	21	55	163	0	218	0	0	0	0	0	**294**	37	**331**
+15 mins.	15	0	**17**	**32**	38	**226**	0	**264**	0	0	0	0	0	252	31	283
+30 mins.	11	0	12	23	52	204	0	256	0	0	0	0	0	226	35	261
+45 mins.	**17**	0	12	29	**66**	197	0	263	0	0	0	0	0	263	**57**	320
Total Volume	56	0	49	105	211	790	0	1001	0	0	0	0	0	1035	160	1195
% App. Total	53.3	0	46.7		21.1	78.9	0		0	0	0		0	86.6	13.4	
PHF	.824	.000	.721	.820	.799	.874	.000	.948	.000	.000	.000	.000	.000	.880	.702	.903

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 157_IRV_261S_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Southbound Off Ramp Southbound				Portola Parkway Westbound				SR-261 Southbound On Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	0	12	19	16	290	0	306	0	0	0	0	0	149	8	157	482
04:15 PM	12	0	11	23	22	333	0	355	0	0	0	0	0	137	6	143	521
04:30 PM	13	0	11	24	17	338	0	355	0	0	0	0	0	152	10	162	541
04:45 PM	13	0	7	20	15	330	0	345	0	0	0	0	0	154	11	165	530
Total	45	0	41	86	70	1291	0	1361	0	0	0	0	0	592	35	627	2074
05:00 PM	13	0	7	20	10	330	0	340	0	0	0	0	0	182	15	197	557
05:15 PM	18	0	8	26	21	323	0	344	0	0	0	0	0	173	11	184	554
05:30 PM	20	0	11	31	28	273	0	301	0	0	0	0	0	185	4	189	521
05:45 PM	8	0	3	11	22	302	0	324	0	0	0	0	0	169	5	174	509
Total	59	0	29	88	81	1228	0	1309	0	0	0	0	0	709	35	744	2141
Grand Total	104	0	70	174	151	2519	0	2670	0	0	0	0	0	1301	70	1371	4215
Apprch %	59.8	0	40.2		5.7	94.3	0		0	0	0		0	94.9	5.1		
Total %	2.5	0	1.7	4.1	3.6	59.8	0	63.3	0	0	0	0	0	30.9	1.7	32.5	

	SR-261 Southbound Off Ramp Southbound				Portola Parkway Westbound				SR-261 Southbound On Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	13	0	**11**	24	17	**338**	0	**355**	0	0	0	0	0	152	10	162	541
04:45 PM	13	0	7	20	15	330	0	345	0	0	0	0	0	154	11	165	530
05:00 PM	13	0	7	20	10	330	0	340	0	0	0	0	0	**182**	**15**	**197**	**557**
05:15 PM	**18**	0	8	**26**	**21**	323	0	344	0	0	0	0	0	173	11	184	554
Total Volume	57	0	33	90	63	1321	0	1384	0	0	0	0	0	661	47	708	2182
% App. Total	63.3	0	36.7		4.6	95.4	0		0	0	0		0	93.4	6.6		
PHF	.792	.000	.750	.865	.750	.977	.000	.975	.000	.000	.000	.000	.000	.908	.783	.898	.979

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 157_IRV_261S_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
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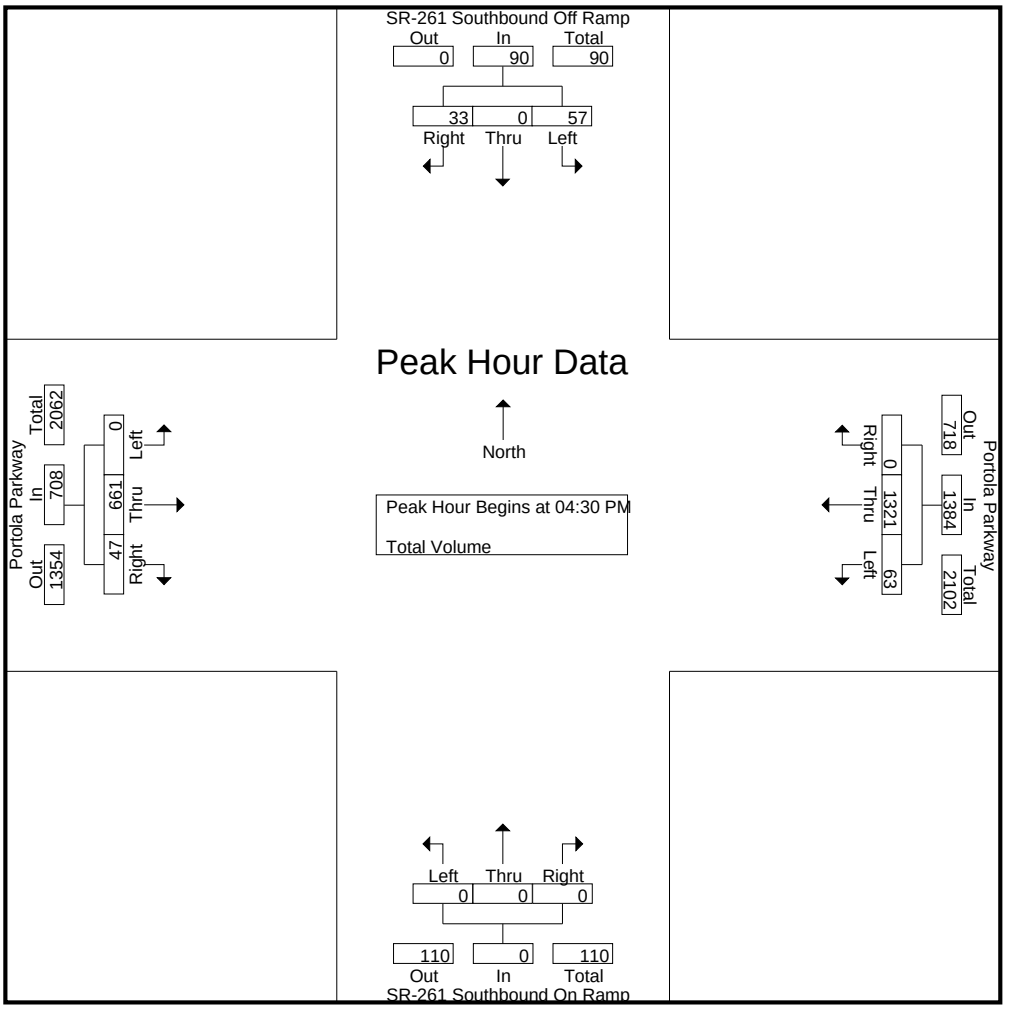

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				04:00 PM				05:00 PM			
+0 mins.	13	0	7	20	**22**	333	0	**355**	0	0	0	0	0	182	**15**	**197**
+15 mins.	13	0	7	20	17	**338**	0	355	0	0	0	0	0	173	11	184
+30 mins.	18	0	8	26	15	330	0	345	0	0	0	0	0	**185**	4	189
+45 mins.	**20**	0	**11**	**31**	10	330	0	340	0	0	0	0	0	169	5	174
Total Volume	64	0	33	97	64	1331	0	1395	0	0	0	0	0	709	35	744
% App. Total	66	0	34		4.6	95.4	0		0	0	0		0	95.3	4.7	
PHF	.800	.000	.750	.782	.727	.984	.000	.982	.000	.000	.000	.000	.000	.958	.583	.944

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City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 158_IRV_261N_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Northbound On Ramp Southbound				Portola Parkway Westbound				SR-261 Northbound Off Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	89	23	112	1	0	5	6	7	139	0	146	264
07:15 AM	0	0	0	0	0	136	21	157	1	0	11	12	12	219	0	231	400
07:30 AM	0	0	0	0	0	204	22	226	6	0	3	9	8	305	0	313	548
07:45 AM	0	0	0	0	0	256	24	280	9	0	9	18	11	254	0	265	563
Total	0	0	0	0	0	685	90	775	17	0	28	45	38	917	0	955	1775
08:00 AM	0	0	0	0	0	250	31	281	6	0	12	18	5	233	0	238	537
08:15 AM	0	0	0	0	0	252	30	282	8	0	16	24	10	269	0	279	585
08:30 AM	0	0	0	0	0	208	18	226	1	0	7	8	8	245	0	253	487
08:45 AM	0	0	0	0	0	190	14	204	2	0	13	15	9	179	0	188	407
Total	0	0	0	0	0	900	93	993	17	0	48	65	32	926	0	958	2016
Grand Total	0	0	0	0	0	1585	183	1768	34	0	76	110	70	1843	0	1913	3791
Apprch %	0	0	0		0	89.6	10.4		30.9	0	69.1		3.7	96.3	0		
Total %	0	0	0	0	0	41.8	4.8	46.6	0.9	0	2	2.9	1.8	48.6	0	50.5	

	SR-261 Northbound On Ramp Southbound				Portola Parkway Westbound				SR-261 Northbound Off Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	204	22	226	6	0	3	9	8	**305**	0	**313**	548
07:45 AM	0	0	0	0	0	**256**	24	280	**9**	0	9	18	**11**	254	0	265	563
08:00 AM	0	0	0	0	0	250	**31**	281	6	0	12	18	5	233	0	238	537
08:15 AM	0	0	0	0	0	252	30	**282**	8	0	**16**	**24**	10	269	0	279	**585**
Total Volume	0	0	0	0	0	962	107	1069	29	0	40	69	34	1061	0	1095	2233
% App. Total	0	0	0		0	90	10		42	0	58		3.1	96.9	0		
PHF	.000	.000	.000	.000	.000	.939	.863	.948	.806	.000	.625	.719	.773	.870	.000	.875	.954

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City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 158_IRV_261N_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
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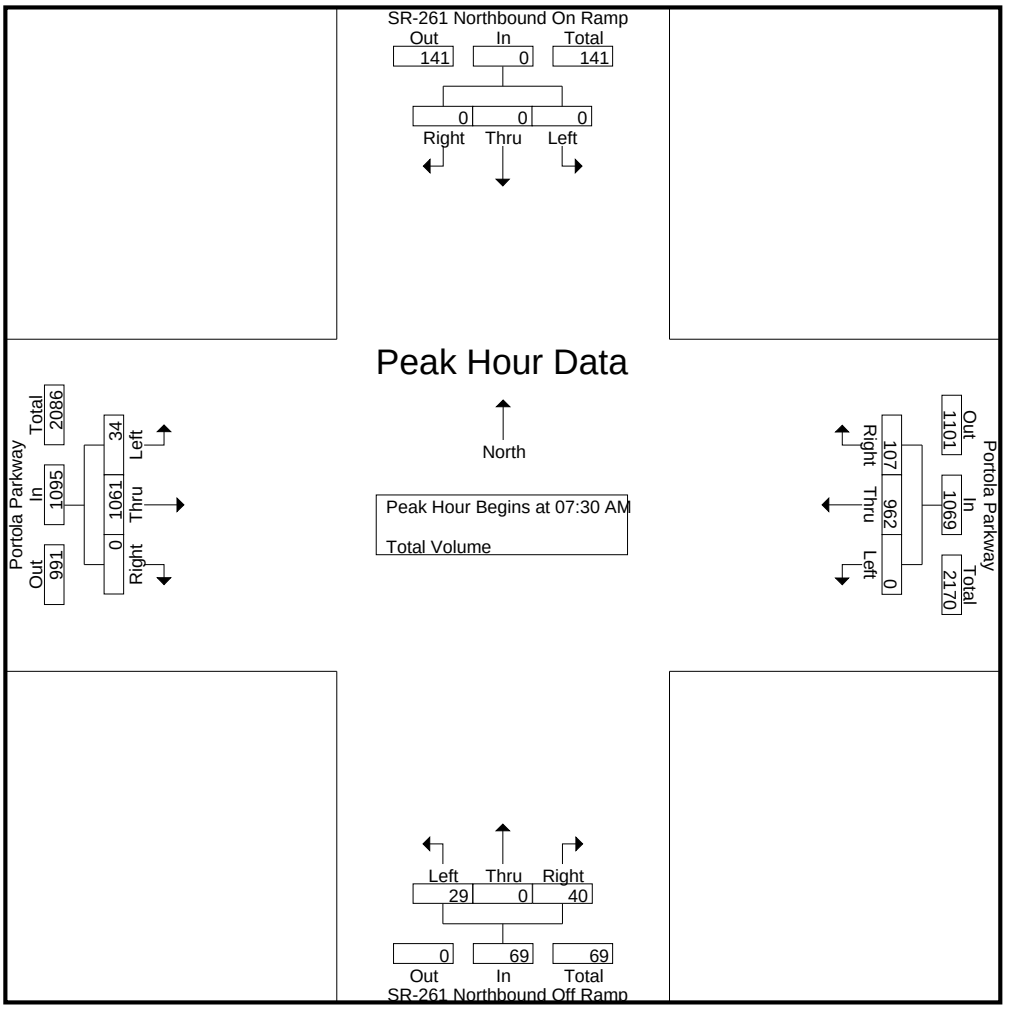

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	204	22	226	6	0	3	9	8	**305**	0	**313**
+15 mins.	0	0	0	0	0	**256**	24	280	**9**	0	9	18	**11**	254	0	265
+30 mins.	0	0	0	0	0	250	**31**	281	6	0	12	18	5	233	0	238
+45 mins.	0	0	0	0	0	252	30	**282**	8	0	**16**	**24**	10	269	0	279
Total Volume	0	0	0	0	0	962	107	1069	29	0	40	69	34	1061	0	1095
% App. Total	0	0	0		0	90	10		42	0	58		3.1	96.9	0	
PHF	.000	.000	.000	.000	.000	.939	.863	.948	.806	.000	.625	.719	.773	.870	.000	.875

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 158_IRV_261N_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Northbound On Ramp Southbound				Portola Parkway Westbound				SR-261 Northbound Off Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	289	14	303	13	0	28	41	6	146	0	152	496
04:15 PM	0	0	0	0	0	332	11	343	19	0	28	47	7	147	0	154	544
04:30 PM	0	0	0	0	0	322	11	333	15	0	35	50	6	166	0	172	555
04:45 PM	0	0	0	0	0	319	13	332	23	0	38	61	2	167	0	169	562
Total	0	0	0	0	0	1262	49	1311	70	0	129	199	21	626	0	647	2157
05:00 PM	0	0	0	0	0	327	14	341	19	0	39	58	7	191	0	198	597
05:15 PM	0	0	0	0	0	307	17	324	27	0	42	69	11	183	0	194	587
05:30 PM	0	0	0	0	0	256	11	267	34	0	56	90	11	167	0	178	535
05:45 PM	0	0	0	0	0	304	6	310	23	0	47	70	6	197	0	203	583
Total	0	0	0	0	0	1194	48	1242	103	0	184	287	35	738	0	773	2302
Grand Total	0	0	0	0	0	2456	97	2553	173	0	313	486	56	1364	0	1420	4459
Apprch %	0	0	0		0	96.2	3.8		35.6	0	64.4		3.9	96.1	0		
Total %	0	0	0	0	0	55.1	2.2	57.3	3.9	0	7	10.9	1.3	30.6	0	31.8	

	SR-261 Northbound On Ramp Southbound				Portola Parkway Westbound				SR-261 Northbound Off Ramp Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	**327**	14	**341**	19	0	39	58	7	191	0	198	**597**
05:15 PM	0	0	0	0	0	307	**17**	324	27	0	42	69	**11**	183	0	194	587
05:30 PM	0	0	0	0	0	256	11	267	**34**	0	**56**	**90**	11	167	0	178	535
05:45 PM	0	0	0	0	0	304	6	310	23	0	47	70	6	**197**	0	**203**	583
Total Volume	0	0	0	0	0	1194	48	1242	103	0	184	287	35	738	0	773	2302
% App. Total	0	0	0		0	96.1	3.9		35.9	0	64.1		4.5	95.5	0		
PHF	.000	.000	.000	.000	.000	.913	.706	.911	.757	.000	.821	.797	.795	.937	.000	.952	.964

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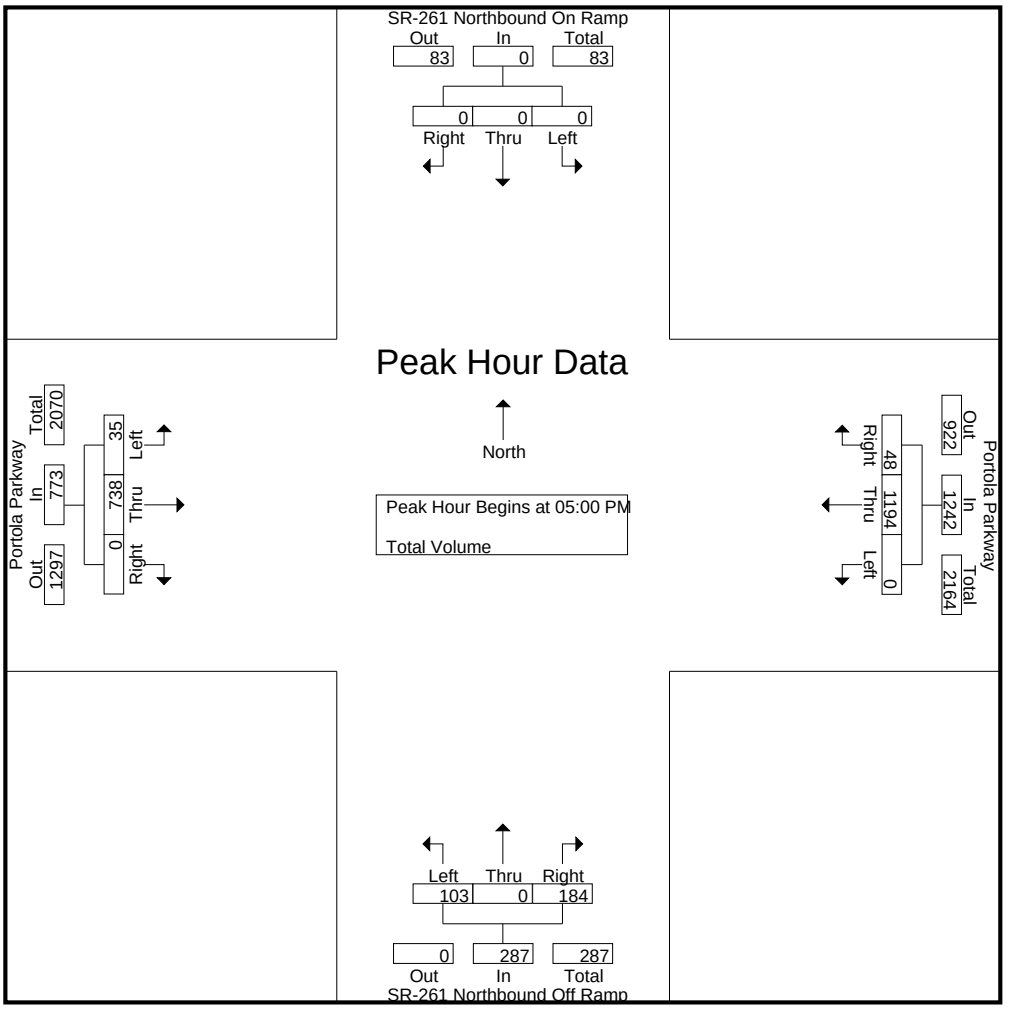
City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Portola Parkway
Weather: Clear

File Name : 158_IRV_261N_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	**332**	11	**343**	19	0	39	58	7	191	0	198
+15 mins.	0	0	0	0	0	322	11	333	27	0	42	69	**11**	183	0	194
+30 mins.	0	0	0	0	0	319	13	332	**34**	0	**56**	**90**	11	167	0	178
+45 mins.	0	0	0	0	0	327	**14**	341	23	0	47	70	6	**197**	0	**203**
Total Volume	0	0	0	0	0	1300	49	1349	103	0	184	287	35	738	0	773
% App. Total	0	0	0		0	96.4	3.6		35.9	0	64.1		4.5	95.5	0	
PHF	.000	.000	.000	.000	.000	.979	.875	.983	.757	.000	.821	.797	.795	.937	.000	.952

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 159_IRV_261S_IRVB AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-261 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	0	30	37	10	112	0	122	0	0	0	0	0	88	7	95	254
07:15 AM	9	0	33	42	37	139	0	176	0	0	0	0	0	141	13	154	372
07:30 AM	16	0	49	65	34	183	0	217	0	0	0	0	0	158	25	183	465
07:45 AM	10	0	53	63	50	270	0	320	0	0	0	0	0	175	10	185	568
Total	42	0	165	207	131	704	0	835	0	0	0	0	0	562	55	617	1659
08:00 AM	20	0	38	58	62	275	0	337	0	0	0	0	0	180	26	206	601
08:15 AM	18	0	44	62	85	321	0	406	0	0	0	0	0	242	28	270	738
08:30 AM	10	0	31	41	89	232	0	321	0	0	0	0	0	191	26	217	579
08:45 AM	10	0	46	56	67	211	0	278	0	0	0	0	0	178	14	192	526
Total	58	0	159	217	303	1039	0	1342	0	0	0	0	0	791	94	885	2444
Grand Total	100	0	324	424	434	1743	0	2177	0	0	0	0	0	1353	149	1502	4103
Apprch %	23.6	0	76.4		19.9	80.1	0		0	0	0		0	90.1	9.9		
Total %	2.4	0	7.9	10.3	10.6	42.5	0	53.1	0	0	0	0	0	33	3.6	36.6	

	SR-261 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-261 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	10	0	53	63	50	270	0	320	0	0	0	0	0	175	10	185	568
08:00 AM	20	0	38	58	62	275	0	337	0	0	0	0	0	180	26	206	601
08:15 AM	18	0	44	62	85	321	0	406	0	0	0	0	0	242	28	270	738
08:30 AM	10	0	31	41	89	232	0	321	0	0	0	0	0	191	26	217	579
Total Volume	58	0	166	224	286	1098	0	1384	0	0	0	0	0	788	90	878	2486
% App. Total	25.9	0	74.1		20.7	79.3	0		0	0	0		0	89.7	10.3		
PHF	.725	.000	.783	.889	.803	.855	.000	.852	.000	.000	.000	.000	.000	.814	.804	.813	.842

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 159_IRV_261S_IRVB AM
Site Code : 05124139
Start Date : 4/30/2024
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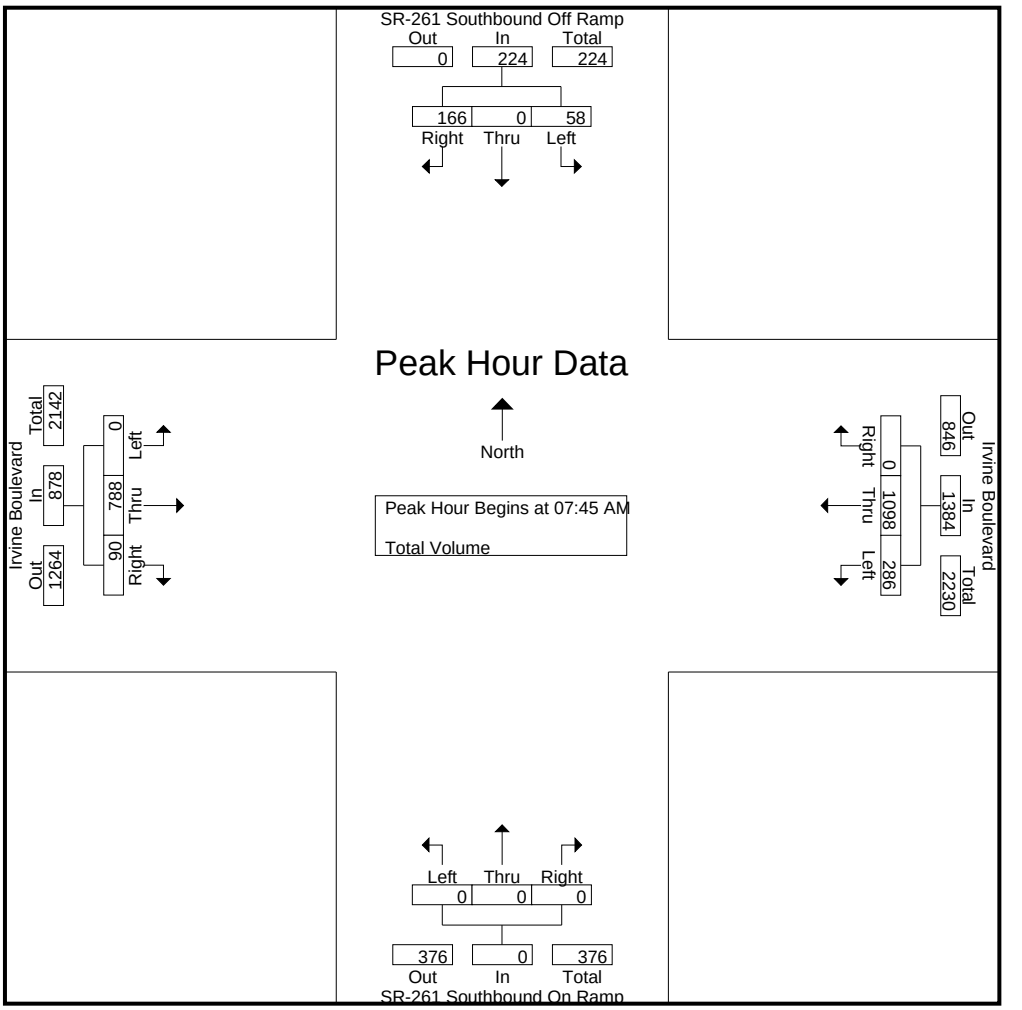

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:00 AM				08:00 AM			
+0 mins.	16	0	49	65	50	270	0	320	0	0	0	0	0	180	26	206
+15 mins.	10	0	53	63	62	275	0	337	0	0	0	0	0	242	28	270
+30 mins.	20	0	38	58	85	321	0	406	0	0	0	0	0	191	26	217
+45 mins.	18	0	44	62	89	232	0	321	0	0	0	0	0	178	14	192
Total Volume	64	0	184	248	286	1098	0	1384	0	0	0	0	0	791	94	885
% App. Total	25.8	0	74.2		20.7	79.3	0		0	0	0		0	89.4	10.6	
PHF	.800	.000	.868	.954	.803	.855	.000	.852	.000	.000	.000	.000	.000	.817	.839	.819

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City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 159_IRV_261S_IRVB PM
Site Code : 05124139
Start Date : 4/30/2024
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Groups Printed- Total Volume

	SR-261 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-261 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	9	0	3	12	26	379	0	405	0	0	0	0	0	368	12	380	797
04:15 PM	4	0	12	16	40	452	0	492	0	0	0	0	0	228	2	230	738
04:30 PM	8	0	10	18	29	443	0	472	0	0	0	0	0	252	4	256	746
04:45 PM	6	0	7	13	46	448	0	494	0	0	0	0	0	249	4	253	760
Total	27	0	32	59	141	1722	0	1863	0	0	0	0	0	1097	22	1119	3041
05:00 PM	8	0	12	20	26	380	0	406	0	0	0	0	0	270	6	276	702
05:15 PM	16	0	14	30	34	461	0	495	0	0	0	0	0	283	8	291	816
05:30 PM	7	0	7	14	21	468	0	489	0	0	0	0	0	288	8	296	799
05:45 PM	11	0	13	24	43	403	0	446	0	0	0	0	0	287	5	292	762
Total	42	0	46	88	124	1712	0	1836	0	0	0	0	0	1128	27	1155	3079
Grand Total	69	0	78	147	265	3434	0	3699	0	0	0	0	0	2225	49	2274	6120
Apprch %	46.9	0	53.1		7.2	92.8	0		0	0	0		0	97.8	2.2		
Total %	1.1	0	1.3	2.4	4.3	56.1	0	60.4	0	0	0	0	0	36.4	0.8	37.2	

	SR-261 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-261 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	8	0	12	20	26	380	0	406	0	0	0	0	0	270	6	276	702
05:15 PM	16	0	14	30	34	461	0	495	0	0	0	0	0	283	8	291	816
05:30 PM	7	0	7	14	21	468	0	489	0	0	0	0	0	288	8	296	799
05:45 PM	11	0	13	24	43	403	0	446	0	0	0	0	0	287	5	292	762
Total Volume	42	0	46	88	124	1712	0	1836	0	0	0	0	0	1128	27	1155	3079
% App. Total	47.7	0	52.3		6.8	93.2	0		0	0	0		0	97.7	2.3		
PHF	.656	.000	.821	.733	.721	.915	.000	.927	.000	.000	.000	.000	.000	.979	.844	.976	.943

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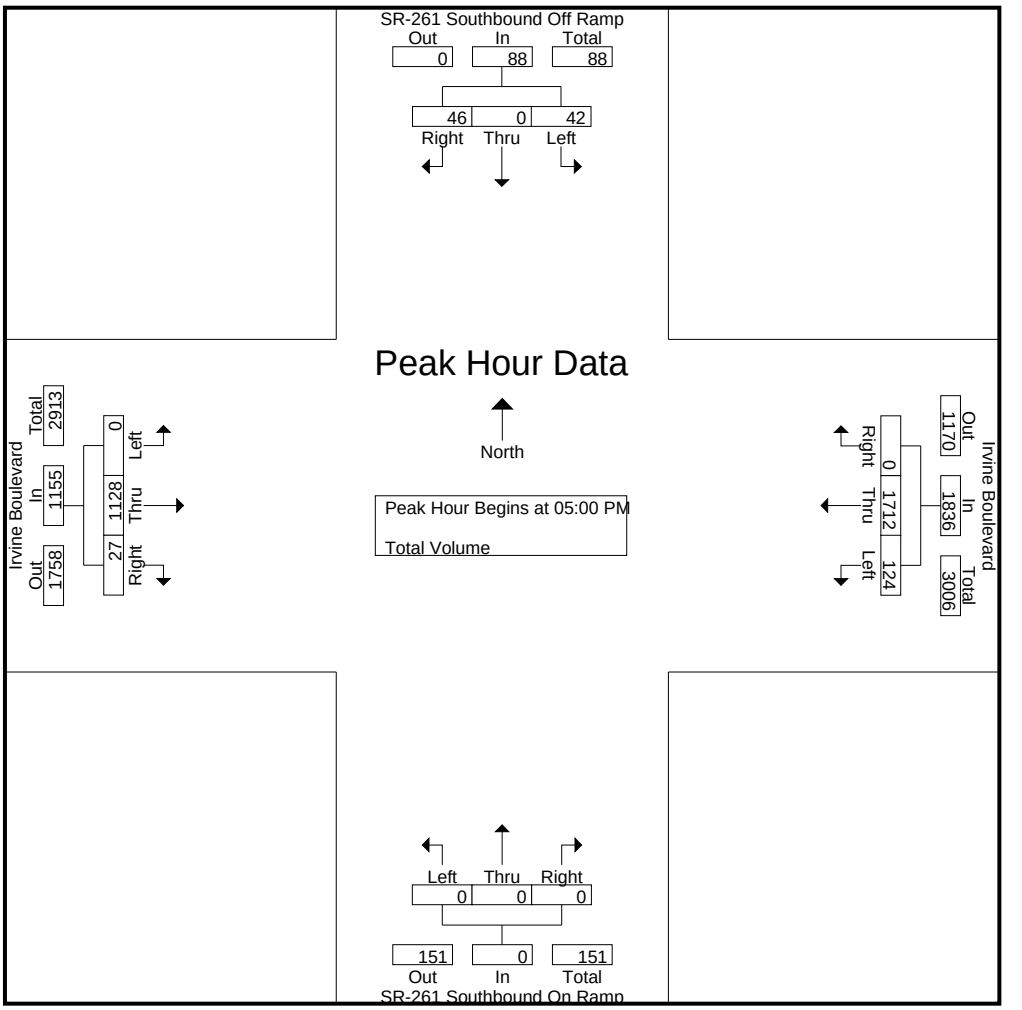
City of Irvine
N/S: SR-261 Southbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 159_IRV_261S_IRVB PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	8	0	12	20	46	448	0	494	0	0	0	0	0	270	6	276
+15 mins.	16	0	14	30	26	380	0	406	0	0	0	0	0	283	8	291
+30 mins.	7	0	7	14	34	461	0	495	0	0	0	0	0	288	8	296
+45 mins.	11	0	13	24	21	468	0	489	0	0	0	0	0	287	5	292
Total Volume	42	0	46	88	127	1757	0	1884	0	0	0	0	0	1128	27	1155
% App. Total	47.7	0	52.3		6.7	93.3	0		0	0	0		0	97.7	2.3	
PHF	.656	.000	.821	.733	.690	.939	.000	.952	.000	.000	.000	.000	.000	.979	.844	.976

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City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 160_IRV_261N_IRVB AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-261 Northbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	126	5	131	0	0	3	3	6	89	0	95	229
07:15 AM	0	0	0	0	0	173	12	185	4	0	8	12	8	144	0	152	349
07:30 AM	0	0	0	0	0	235	11	246	3	0	7	10	7	172	0	179	435
07:45 AM	0	0	0	0	0	313	15	328	3	0	10	13	4	178	0	182	523
Total	0	0	0	0	0	847	43	890	10	0	28	38	25	583	0	608	1536
08:00 AM	0	0	0	0	0	335	11	346	4	0	9	13	9	198	0	207	566
08:15 AM	0	0	0	0	0	410	11	421	1	0	8	9	11	253	0	264	694
08:30 AM	0	0	0	0	0	314	14	328	1	0	16	17	12	217	0	229	574
08:45 AM	0	0	0	0	0	275	7	282	1	0	8	9	1	198	0	199	490
Total	0	0	0	0	0	1334	43	1377	7	0	41	48	33	866	0	899	2324
Grand Total	0	0	0	0	0	2181	86	2267	17	0	69	86	58	1449	0	1507	3860
Apprch %	0	0	0		0	96.2	3.8		19.8	0	80.2		3.8	96.2	0		
Total %	0	0	0	0	0	56.5	2.2	58.7	0.4	0	1.8	2.2	1.5	37.5	0	39	

	SR-261 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-261 Northbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	313	15	328	3	0	10	13	4	178	0	182	523
08:00 AM	0	0	0	0	0	335	11	346	4	0	9	13	9	198	0	207	566
08:15 AM	0	0	0	0	0	410	11	421	1	0	8	9	11	253	0	264	694
08:30 AM	0	0	0	0	0	314	14	328	1	0	16	17	12	217	0	229	574
Total Volume	0	0	0	0	0	1372	51	1423	9	0	43	52	36	846	0	882	2357
% App. Total	0	0	0		0	96.4	3.6		17.3	0	82.7		4.1	95.9	0		
PHF	.000	.000	.000	.000	.000	.837	.850	.845	.563	.000	.672	.765	.750	.836	.000	.835	.849

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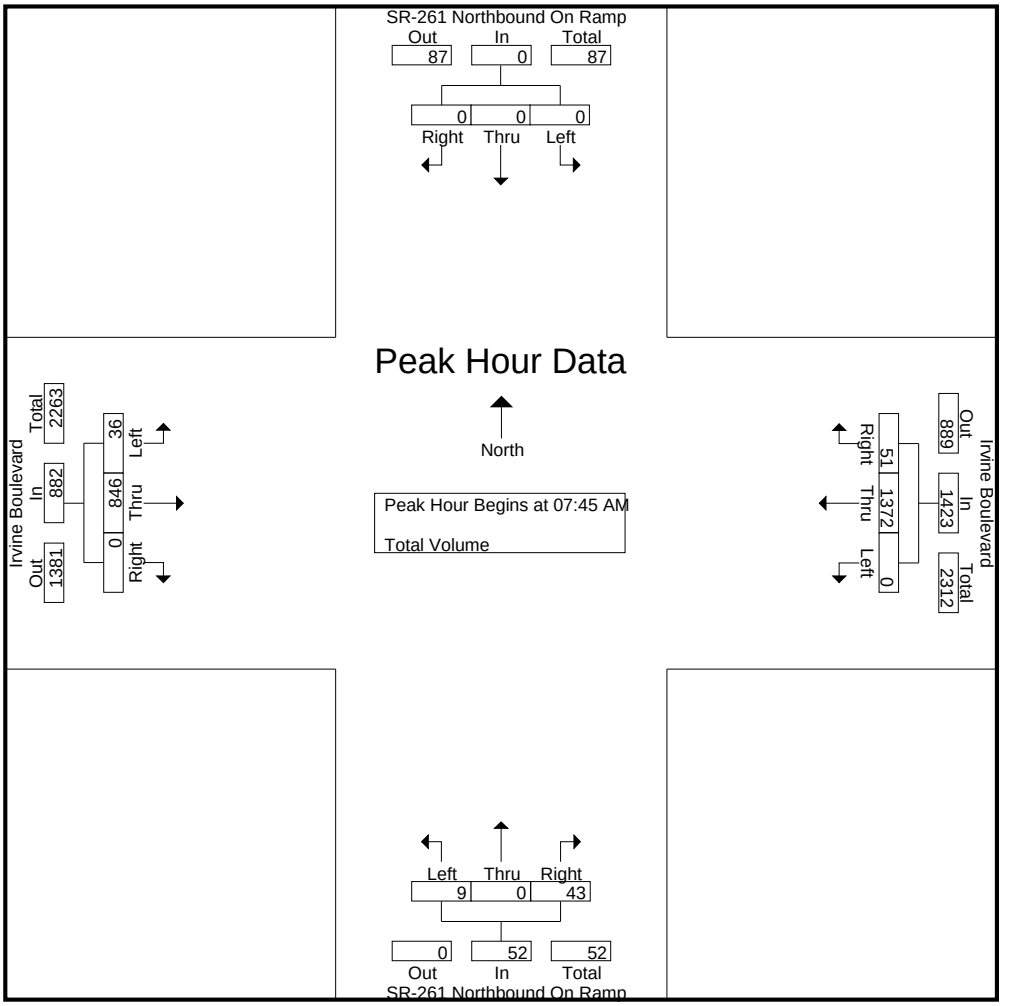
City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 160_IRV_261N_IRVB AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	0	0	0	0	0	313	15	328	3	0	10	13	9	198	0	207
+15 mins.	0	0	0	0	0	335	11	346	4	0	9	13	11	253	0	264
+30 mins.	0	0	0	0	0	410	11	421	1	0	8	9	12	217	0	229
+45 mins.	0	0	0	0	0	314	14	328	1	0	16	17	1	198	0	199
Total Volume	0	0	0	0	0	1372	51	1423	9	0	43	52	33	866	0	899
% App. Total	0	0	0		0	96.4	3.6		17.3	0	82.7		3.7	96.3	0	
PHF	.000	.000	.000	.000	.000	.837	.850	.845	.563	.000	.672	.765	.688	.856	.000	.851

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City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 160_IRV_261N_IRVB PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	SR-261 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-261 Northbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	400	17	417	20	0	31	51	15	230	0	245	713
04:15 PM	0	0	0	0	0	458	19	477	21	0	34	55	16	229	0	245	777
04:30 PM	0	0	0	0	0	447	21	468	24	0	38	62	19	259	0	278	808
04:45 PM	0	0	0	0	0	440	11	451	30	0	50	80	18	247	0	265	796
Total	0	0	0	0	0	1745	68	1813	95	0	153	248	68	965	0	1033	3094
05:00 PM	0	0	0	0	0	398	15	413	28	0	52	80	11	266	0	277	770
05:15 PM	0	0	0	0	0	436	17	453	49	0	91	140	28	271	0	299	892
05:30 PM	0	0	0	0	0	448	16	464	47	0	81	128	15	300	0	315	907
05:45 PM	0	0	0	0	0	404	11	415	33	0	77	110	24	273	0	297	822
Total	0	0	0	0	0	1686	59	1745	157	0	301	458	78	1110	0	1188	3391
Grand Total	0	0	0	0	0	3431	127	3558	252	0	454	706	146	2075	0	2221	6485
Apprch %	0	0	0		0	96.4	3.6		35.7	0	64.3		6.6	93.4	0		
Total %	0	0	0	0	0	52.9	2	54.9	3.9	0	7	10.9	2.3	32	0	34.2	

	SR-261 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-261 Northbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	398	15	413	28	0	52	80	11	266	0	277	770
05:15 PM	0	0	0	0	0	436	17	453	49	0	91	140	28	271	0	299	892
05:30 PM	0	0	0	0	0	448	16	464	47	0	81	128	15	300	0	315	907
05:45 PM	0	0	0	0	0	404	11	415	33	0	77	110	24	273	0	297	822
Total Volume	0	0	0	0	0	1686	59	1745	157	0	301	458	78	1110	0	1188	3391
% App. Total	0	0	0		0	96.6	3.4		34.3	0	65.7		6.6	93.4	0		
PHF	.000	.000	.000	.000	.000	.941	.868	.940	.801	.000	.827	.818	.696	.925	.000	.943	.935

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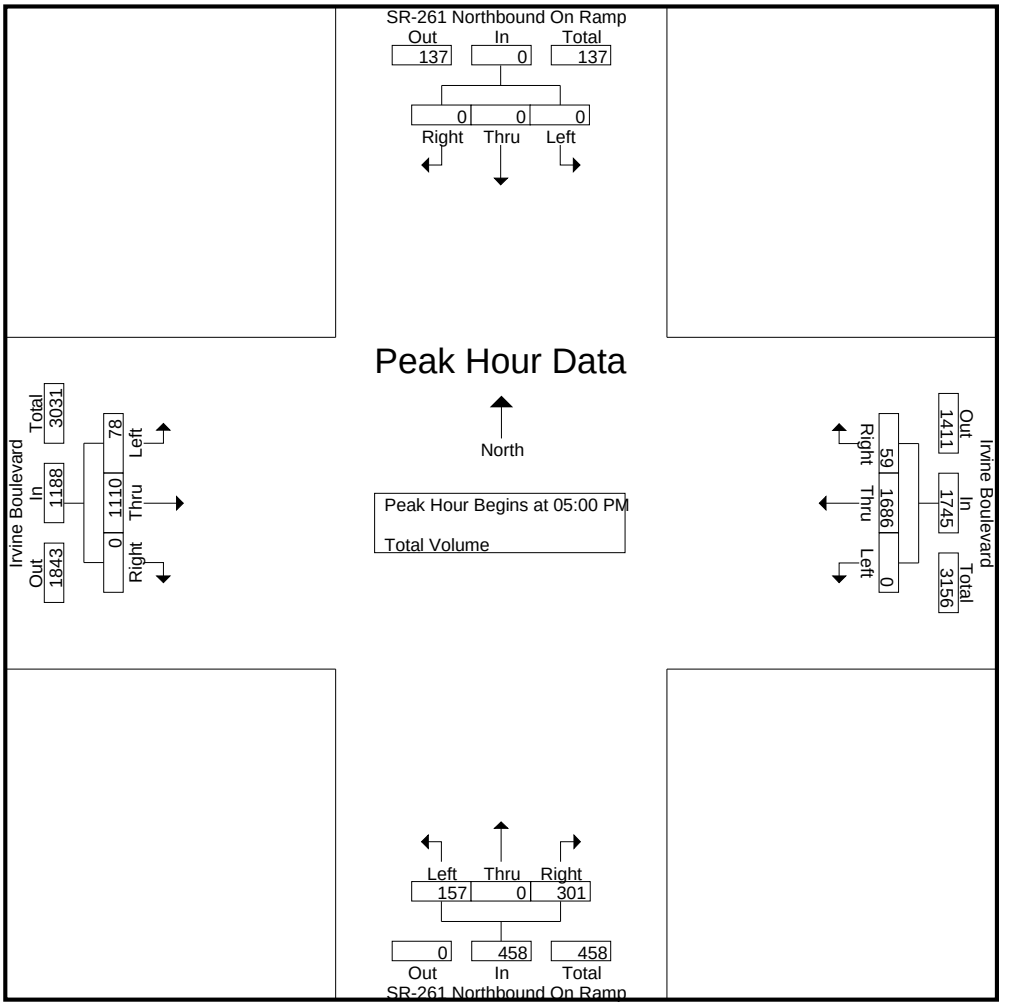
City of Irvine
N/S: SR-261 Northbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 160_IRV_261N_IRVB PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	400	17	417	28	0	52	80	11	266	0	277
+15 mins.	0	0	0	0	0	458	19	477	49	0	91	140	28	271	0	299
+30 mins.	0	0	0	0	0	447	21	468	47	0	81	128	15	300	0	315
+45 mins.	0	0	0	0	0	440	11	451	33	0	77	110	24	273	0	297
Total Volume	0	0	0	0	0	1745	68	1813	157	0	301	458	78	1110	0	1188
% App. Total	0	0	0		0	96.2	3.8		34.3	0	65.7		6.6	93.4	0	
PHF	.000	.000	.000	.000	.000	.953	.810	.950	.801	.000	.827	.818	.696	.925	.000	.943

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City of Irvine
N/S: Culver Drive
E/W: Portola Parkway
Weather: Clear

File Name : 218_IRV_Cul_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Portola Parkway Westbound				Culver Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	110	40	159	18	38	4	60	25	47	22	94	24	77	37	138	451
07:15 AM	11	109	48	168	27	55	4	86	22	57	21	100	36	110	43	189	543
07:30 AM	11	159	69	239	32	93	2	127	31	128	32	191	79	197	62	338	895
07:45 AM	22	226	118	366	46	100	5	151	40	139	96	275	124	107	68	299	1091
Total	53	604	275	932	123	286	15	424	118	371	171	660	263	491	210	964	2980
08:00 AM	33	256	109	398	93	115	7	215	48	123	118	289	66	116	68	250	1152
08:15 AM	29	199	88	316	112	100	10	222	50	102	60	212	49	107	77	233	983
08:30 AM	19	202	53	274	80	135	10	225	44	71	22	137	42	153	71	266	902
08:45 AM	22	110	61	193	22	77	13	112	48	65	14	127	33	101	46	180	612
Total	103	767	311	1181	307	427	40	774	190	361	214	765	190	477	262	929	3649
Grand Total	156	1371	586	2113	430	713	55	1198	308	732	385	1425	453	968	472	1893	6629
Apprch %	7.4	64.9	27.7		35.9	59.5	4.6		21.6	51.4	27		23.9	51.1	24.9		
Total %	2.4	20.7	8.8	31.9	6.5	10.8	0.8	18.1	4.6	11	5.8	21.5	6.8	14.6	7.1	28.6	

	Culver Drive Southbound				Portola Parkway Westbound				Culver Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	22	226	**118**	366	46	100	5	151	40	**139**	96	275	**124**	107	68	**299**	1091
08:00 AM	**33**	**256**	109	**398**	93	115	7	215	48	123	**118**	**289**	66	116	68	250	**1152**
08:15 AM	29	199	88	316	**112**	100	**10**	222	**50**	102	60	212	49	107	**77**	233	983
08:30 AM	19	202	53	274	80	**135**	10	**225**	44	71	22	137	42	**153**	71	266	902
Total Volume	103	883	368	1354	331	450	32	813	182	435	296	913	281	483	284	1048	4128
% App. Total	7.6	65.2	27.2		40.7	55.4	3.9		19.9	47.6	32.4		26.8	46.1	27.1		
PHF	.780	.862	.780	.851	.739	.833	.800	.903	.910	.782	.627	.790	.567	.789	.922	.876	.896

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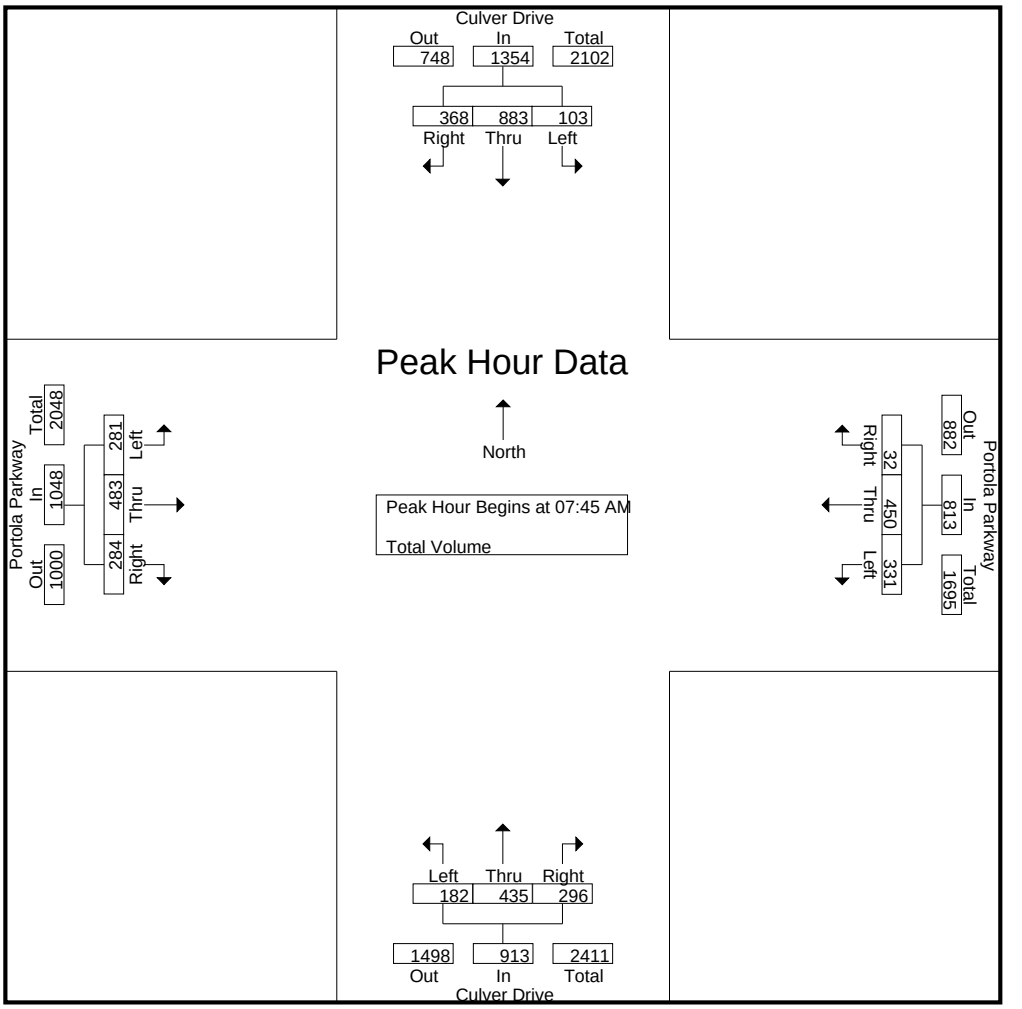
City of Irvine
N/S: Culver Drive
E/W: Portola Parkway
Weather: Clear

File Name : 218_IRV_Cul_Por AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	22	226	**118**	366	46	100	5	151	31	128	32	191	79	**197**	62	**338**
+15 mins.	**33**	**256**	109	**398**	93	115	7	215	40	**139**	96	275	**124**	107	68	299
+30 mins.	29	199	88	316	**112**	100	**10**	222	48	123	**118**	**289**	66	116	68	250
+45 mins.	19	202	53	274	80	**135**	10	**225**	**50**	102	60	212	49	107	**77**	233
Total Volume	103	883	368	1354	331	450	32	813	169	492	306	967	318	527	275	1120
% App. Total	7.6	65.2	27.2		40.7	55.4	3.9		17.5	50.9	31.6		28.4	47.1	24.6	
PHF	.780	.862	.780	.851	.739	.833	.800	.903	.845	.885	.648	.837	.641	.669	.893	.828

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City of Irvine
N/S: Culver Drive
E/W: Portola Parkway
Weather: Clear

File Name : 218_IRV_Cul_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Portola Parkway Westbound				Culver Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	21	97	60	178	47	189	17	253	63	88	49	200	56	75	29	160	791
04:15 PM	32	87	62	181	42	216	9	267	87	84	40	211	35	78	27	140	799
04:30 PM	19	79	40	138	34	230	15	279	76	81	48	205	43	83	36	162	784
04:45 PM	22	80	52	154	38	172	10	220	74	106	39	219	56	80	29	165	758
Total	94	343	214	651	161	807	51	1019	300	359	176	835	190	316	121	627	3132
05:00 PM	27	55	49	131	29	223	18	270	85	97	30	212	58	83	42	183	796
05:15 PM	17	95	47	159	34	186	14	234	83	128	39	250	52	93	47	192	835
05:30 PM	24	86	34	144	31	188	9	228	91	101	45	237	43	107	35	185	794
05:45 PM	21	84	36	141	39	193	13	245	73	117	44	234	61	114	37	212	832
Total	89	320	166	575	133	790	54	977	332	443	158	933	214	397	161	772	3257
Grand Total	183	663	380	1226	294	1597	105	1996	632	802	334	1768	404	713	282	1399	6389
Apprch %	14.9	54.1	31		14.7	80	5.3		35.7	45.4	18.9		28.9	51	20.2		
Total %	2.9	10.4	5.9	19.2	4.6	25	1.6	31.2	9.9	12.6	5.2	27.7	6.3	11.2	4.4	21.9	

	Culver Drive Southbound				Portola Parkway Westbound				Culver Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**27**	55	**49**	131	29	**223**	**18**	**270**	85	97	30	212	58	83	42	183	796
05:15 PM	17	**95**	47	**159**	34	186	14	234	83	**128**	39	**250**	52	93	**47**	192	**835**
05:30 PM	24	86	34	144	31	188	9	228	**91**	101	**45**	237	43	107	35	185	794
05:45 PM	21	84	36	141	**39**	193	13	245	73	117	44	234	**61**	**114**	37	**212**	832
Total Volume	89	320	166	575	133	790	54	977	332	443	158	933	214	397	161	772	3257
% App. Total	15.5	55.7	28.9		13.6	80.9	5.5		35.6	47.5	16.9		27.7	51.4	20.9		
PHF	.824	.842	.847	.904	.853	.886	.750	.905	.912	.865	.878	.933	.877	.871	.856	.910	.975

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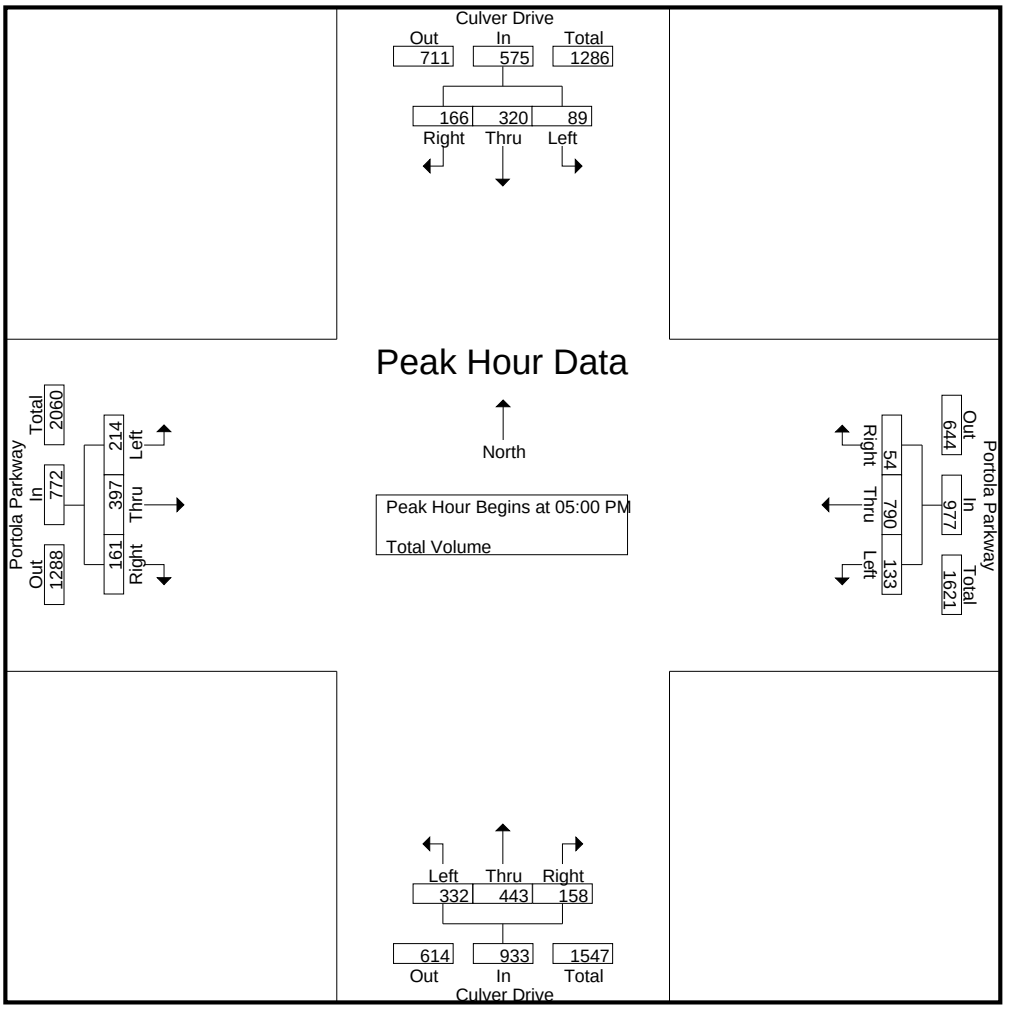
City of Irvine
N/S: Culver Drive
E/W: Portola Parkway
Weather: Clear

File Name : 218_IRV_Cul_Por PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				05:00 PM				05:00 PM			
+0 mins.	21	**97**	60	178	**42**	216	9	267	85	97	30	212	58	83	42	183
+15 mins.	**32**	87	**62**	**181**	34	**230**	15	**279**	83	**128**	39	**250**	52	93	**47**	192
+30 mins.	19	79	40	138	38	172	10	220	**91**	101	**45**	237	43	107	35	185
+45 mins.	22	80	52	154	29	223	**18**	270	73	117	44	234	**61**	**114**	37	**212**
Total Volume	94	343	214	651	143	841	52	1036	332	443	158	933	214	397	161	772
% App. Total	14.4	52.7	32.9		13.8	81.2	5		35.6	47.5	16.9		27.7	51.4	20.9	
PHF	.734	.884	.863	.899	.851	.914	.722	.928	.912	.865	.878	.933	.877	.871	.856	.910

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City of Irvine
N/S: Culver Drive
E/W: Irvine Boulevard
Weather: Clear

File Name : 220_IRV_Cul_IrB AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Irvine Boulevard Westbound				Culver Drive Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	21	220	8	249	64	74	7	145	20	89	25	134	11	66	31	108	636
07:15 AM	24	244	15	283	108	98	6	212	30	128	35	193	19	81	26	126	814
07:30 AM	38	305	21	364	134	147	19	300	18	144	42	204	17	107	66	190	1058
07:45 AM	65	320	23	408	166	172	37	375	36	240	40	316	37	74	61	172	1271
Total	148	1089	67	1304	472	491	69	1032	104	601	142	847	84	328	184	596	3779
08:00 AM	24	312	43	379	106	166	22	294	52	245	35	332	5	89	52	146	1151
08:15 AM	24	399	47	470	177	225	27	429	55	158	45	258	29	146	76	251	1408
08:30 AM	53	409	36	498	138	190	11	339	38	104	36	178	14	148	73	235	1250
08:45 AM	37	250	26	313	145	165	20	330	40	114	51	205	26	119	57	202	1050
Total	138	1370	152	1660	566	746	80	1392	185	621	167	973	74	502	258	834	4859
Grand Total	286	2459	219	2964	1038	1237	149	2424	289	1222	309	1820	158	830	442	1430	8638
Apprch %	9.6	83	7.4		42.8	51	6.1		15.9	67.1	17		11	58	30.9		
Total %	3.3	28.5	2.5	34.3	12	14.3	1.7	28.1	3.3	14.1	3.6	21.1	1.8	9.6	5.1	16.6	

	Culver Drive Southbound				Irvine Boulevard Westbound				Culver Drive Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**65**	320	23	408	166	172	**37**	375	36	240	40	316	**37**	74	61	172	1271
08:00 AM	24	312	43	379	106	166	22	294	52	**245**	35	**332**	5	89	52	146	1151
08:15 AM	24	399	**47**	470	**177**	**225**	27	**429**	**55**	158	**45**	258	29	146	**76**	**251**	**1408**
08:30 AM	53	**409**	36	**498**	138	190	11	339	38	104	36	178	14	**148**	73	235	1250
Total Volume	166	1440	149	1755	587	753	97	1437	181	747	156	1084	85	457	262	804	5080
% App. Total	9.5	82.1	8.5		40.8	52.4	6.8		16.7	68.9	14.4		10.6	56.8	32.6		
PHF	.638	.880	.793	.881	.829	.837	.655	.837	.823	.762	.867	.816	.574	.772	.862	.801	.902

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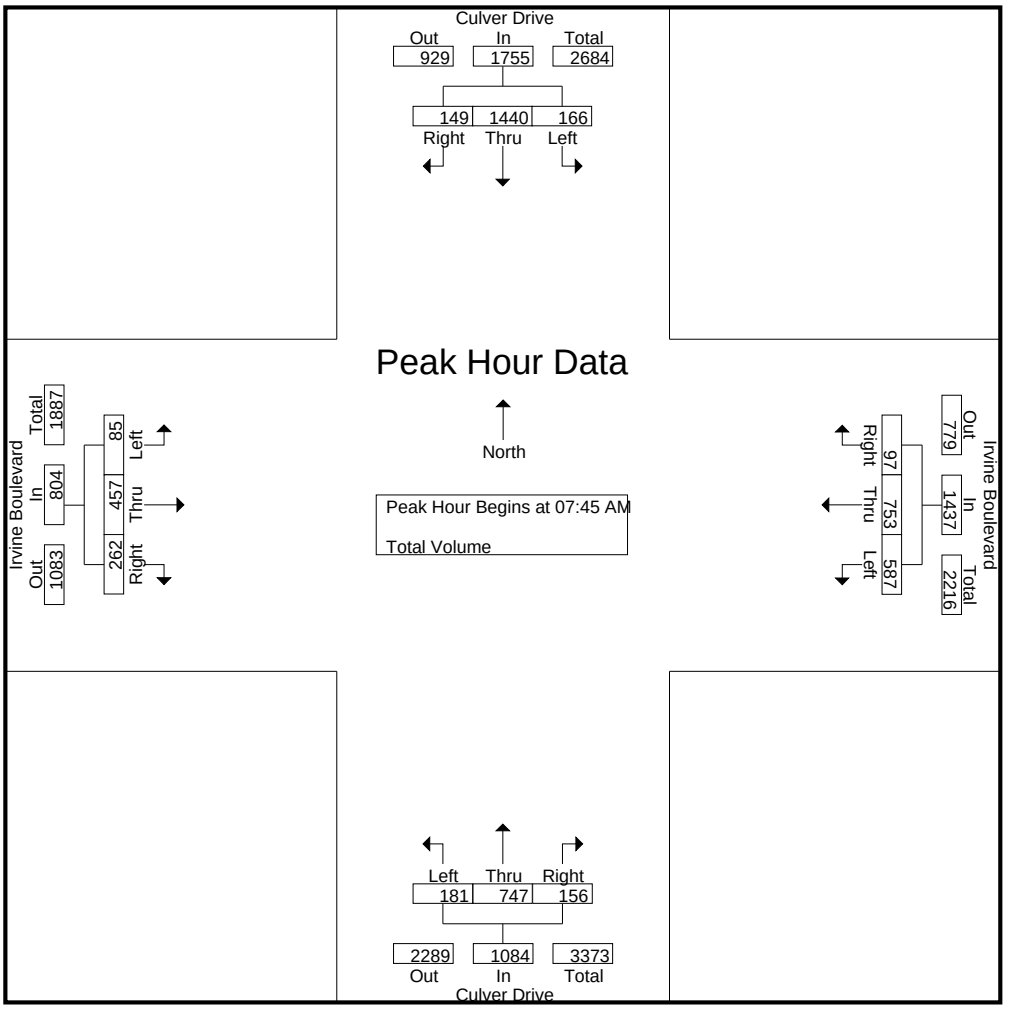
City of Irvine
N/S: Culver Drive
E/W: Irvine Boulevard
Weather: Clear

File Name : 220_IRV_Cul_IrB AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				08:00 AM			
+0 mins.	**65**	320	23	408	166	172	**37**	375	18	144	42	204	5	89	52	146
+15 mins.	24	312	43	379	106	166	22	294	36	240	40	316	**29**	146	**76**	**251**
+30 mins.	24	399	**47**	470	**177**	**225**	27	**429**	52	**245**	35	**332**	14	**148**	73	235
+45 mins.	53	**409**	36	**498**	138	190	11	339	**55**	158	**45**	258	26	119	57	202
Total Volume	166	1440	149	1755	587	753	97	1437	161	787	162	1110	74	502	258	834
% App. Total	9.5	82.1	8.5		40.8	52.4	6.8		14.5	70.9	14.6		8.9	60.2	30.9	
PHF	.638	.880	.793	.881	.829	.837	.655	.837	.732	.803	.900	.836	.638	.848	.849	.831

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City of Irvine
N/S: Culver Drive
E/W: Irvine Boulevard
Weather: Clear

File Name : 220_IRV_Cul_IrB PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Irvine Boulevard Westbound				Culver Drive Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	46	131	27	204	66	286	23	375	78	232	81	391	25	162	33	220	1190
04:15 PM	59	203	27	289	90	266	31	387	82	241	98	421	28	125	35	188	1285
04:30 PM	48	154	22	224	94	302	48	444	71	234	87	392	28	156	49	233	1293
04:45 PM	46	168	30	244	91	248	29	368	100	241	103	444	39	153	45	237	1293
Total	199	656	106	961	341	1102	131	1574	331	948	369	1648	120	596	162	878	5061
05:00 PM	42	129	32	203	87	271	35	393	101	267	163	531	46	112	36	194	1321
05:15 PM	71	202	31	304	83	241	33	357	96	311	100	507	48	199	30	277	1445
05:30 PM	44	146	32	222	79	319	34	432	88	259	118	465	54	181	38	273	1392
05:45 PM	49	181	32	262	86	204	36	326	99	295	110	504	42	158	46	246	1338
Total	206	658	127	991	335	1035	138	1508	384	1132	491	2007	190	650	150	990	5496
Grand Total	405	1314	233	1952	676	2137	269	3082	715	2080	860	3655	310	1246	312	1868	10557
Apprch %	20.7	67.3	11.9		21.9	69.3	8.7		19.6	56.9	23.5		16.6	66.7	16.7		
Total %	3.8	12.4	2.2	18.5	6.4	20.2	2.5	29.2	6.8	19.7	8.1	34.6	2.9	11.8	3	17.7	

	Culver Drive Southbound				Irvine Boulevard Westbound				Culver Drive Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	42	129	**32**	203	**87**	271	35	393	**101**	267	**163**	**531**	46	112	36	194	1321
05:15 PM	**71**	**202**	31	**304**	83	241	33	357	96	**311**	100	507	48	**199**	30	**277**	**1445**
05:30 PM	44	146	32	222	79	**319**	34	**432**	88	259	118	465	**54**	181	38	273	1392
05:45 PM	49	181	32	262	86	204	**36**	326	99	295	110	504	42	158	**46**	246	1338
Total Volume	206	658	127	991	335	1035	138	1508	384	1132	491	2007	190	650	150	990	5496
% App. Total	20.8	66.4	12.8		22.2	68.6	9.2		19.1	56.4	24.5		19.2	65.7	15.2		
PHF	.725	.814	.992	.815	.963	.811	.958	.873	.950	.910	.753	.945	.880	.817	.815	.894	.951

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City of Irvine
N/S: Culver Drive
E/W: Irvine Boulevard
Weather: Clear

File Name : 220_IRV_Cul_IrB PM1
Site Code : 05124139
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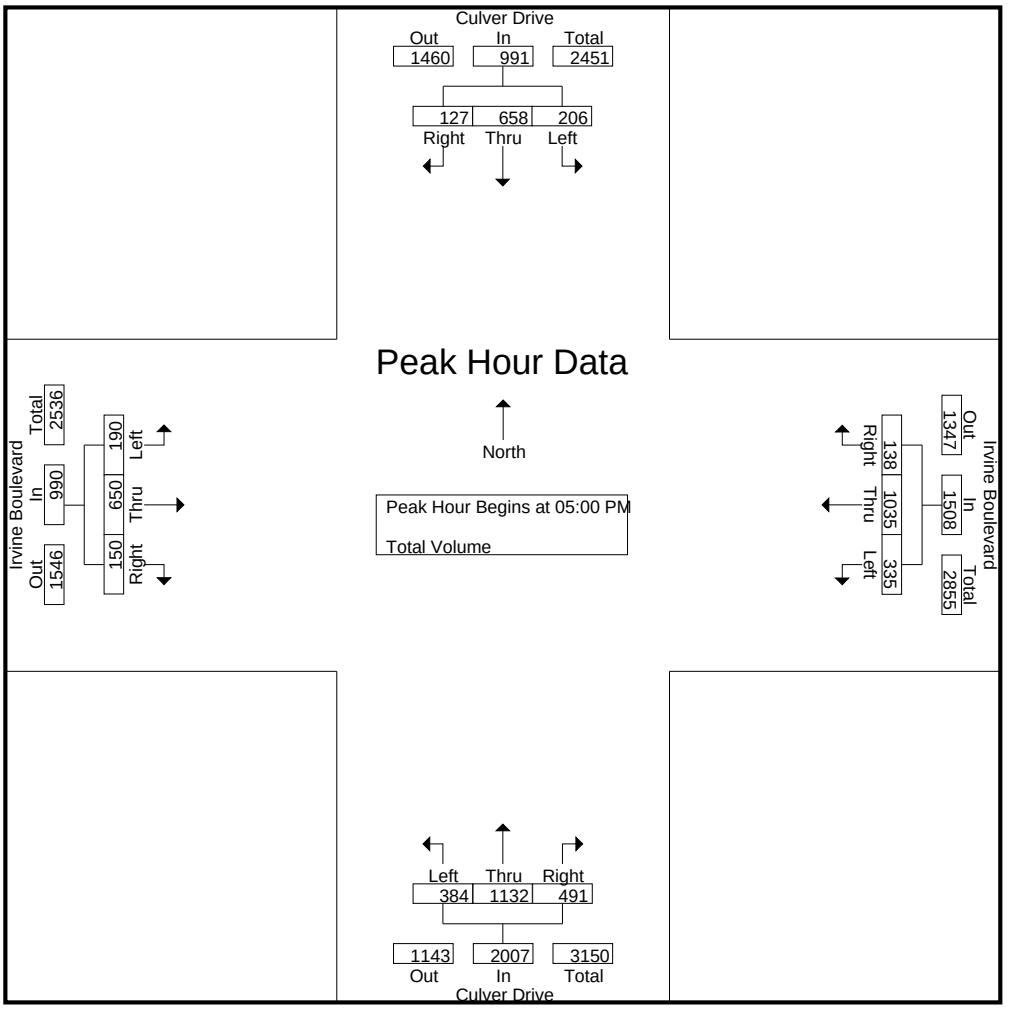

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				05:00 PM				05:00 PM			
+0 mins.	42	129	**32**	203	90	266	31	387	**101**	267	**163**	**531**	46	112	36	194
+15 mins.	**71**	**202**	31	**304**	**94**	**302**	**48**	**444**	96	**311**	100	507	48	**199**	30	**277**
+30 mins.	44	146	32	222	91	248	29	368	88	259	118	465	**54**	181	38	273
+45 mins.	49	181	32	262	87	271	35	393	99	295	110	504	42	158	**46**	246
Total Volume	206	658	127	991	362	1087	143	1592	384	1132	491	2007	190	650	150	990
% App. Total	20.8	66.4	12.8		22.7	68.3	9		19.1	56.4	24.5		19.2	65.7	15.2	
PHF	.725	.814	.992	.815	.963	.900	.745	.896	.950	.910	.753	.945	.880	.817	.815	.894

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City of Irvine
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Weather: Clear

File Name : 221_IRV_Cul_Bry AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Bryan Avenue Westbound				Culver Drive Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	268	66	337	47	27	8	82	11	105	30	146	22	12	25	59	624
07:15 AM	3	331	87	421	48	26	14	88	25	127	31	183	51	37	58	146	838
07:30 AM	23	402	10	435	65	46	21	132	19	116	37	172	40	45	63	148	887
07:45 AM	27	417	36	480	100	48	64	212	34	211	65	310	17	34	77	128	1130
Total	56	1418	199	1673	260	147	107	514	89	559	163	811	130	128	223	481	3479
08:00 AM	17	410	52	479	116	74	65	255	17	167	49	233	23	40	69	132	1099
08:15 AM	18	459	84	561	93	90	31	214	43	217	43	303	33	26	113	172	1250
08:30 AM	28	513	26	567	81	76	15	172	29	162	42	233	31	63	127	221	1193
08:45 AM	20	503	30	553	69	46	11	126	38	189	55	282	7	55	96	158	1119
Total	83	1885	192	2160	359	286	122	767	127	735	189	1051	94	184	405	683	4661
Grand Total	139	3303	391	3833	619	433	229	1281	216	1294	352	1862	224	312	628	1164	8140
Apprch %	3.6	86.2	10.2		48.3	33.8	17.9		11.6	69.5	18.9		19.2	26.8	54		
Total %	1.7	40.6	4.8	47.1	7.6	5.3	2.8	15.7	2.7	15.9	4.3	22.9	2.8	3.8	7.7	14.3	

	Culver Drive Southbound				Bryan Avenue Westbound				Culver Drive Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	27	417	36	480	100	48	64	212	34	211	**65**	**310**	17	34	77	128	1130
08:00 AM	17	410	52	479	**116**	74	**65**	**255**	17	167	49	233	23	40	69	132	1099
08:15 AM	18	459	**84**	561	93	**90**	31	214	**43**	**217**	43	303	**33**	26	113	172	**1250**
08:30 AM	**28**	**513**	26	**567**	81	76	15	172	29	162	42	233	31	**63**	**127**	**221**	1193
Total Volume	90	1799	198	2087	390	288	175	853	123	757	199	1079	104	163	386	653	4672
% App. Total	4.3	86.2	9.5		45.7	33.8	20.5		11.4	70.2	18.4		15.9	25	59.1		
PHF	.804	.877	.589	.920	.841	.800	.673	.836	.715	.872	.765	.870	.788	.647	.760	.739	.934

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Site Code : 05124139
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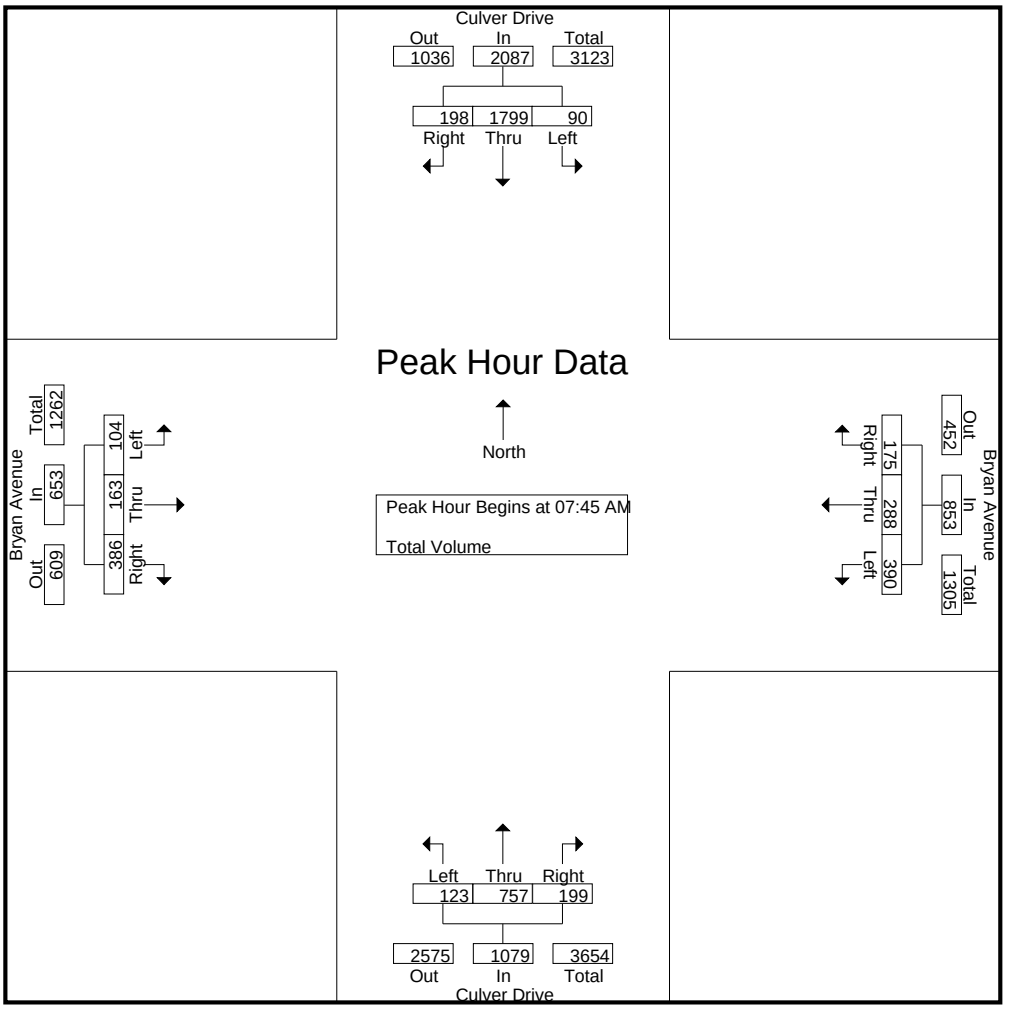

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	17	410	52	479	100	48	64	212	34	211	**65**	**310**	23	40	69	132
+15 mins.	18	459	**84**	561	**116**	74	**65**	**255**	17	167	49	233	**33**	26	113	172
+30 mins.	**28**	**513**	26	**567**	93	**90**	31	214	**43**	**217**	43	303	31	**63**	**127**	**221**
+45 mins.	20	503	30	553	81	76	15	172	29	162	42	233	7	55	96	158
Total Volume	83	1885	192	2160	390	288	175	853	123	757	199	1079	94	184	405	683
% App. Total	3.8	87.3	8.9		45.7	33.8	20.5		11.4	70.2	18.4		13.8	26.9	59.3	
PHF	.741	.919	.571	.952	.841	.800	.673	.836	.715	.872	.765	.870	.712	.730	.797	.773

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Groups Printed- Total Volume

	Culver Drive Southbound				Bryan Avenue Westbound				Culver Drive Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	20	193	28	241	39	128	20	187	60	326	77	463	30	100	69	199	1090
04:15 PM	22	292	32	346	39	89	24	152	95	374	99	568	26	52	61	139	1205
04:30 PM	26	262	25	313	72	102	19	193	85	366	66	517	42	89	78	209	1232
04:45 PM	14	255	37	306	50	82	18	150	84	412	68	564	39	89	75	203	1223
Total	82	1002	122	1206	200	401	81	682	324	1478	310	2112	137	330	283	750	4750
05:00 PM	19	215	24	258	55	94	19	168	81	387	70	538	52	92	91	235	1199
05:15 PM	18	254	29	301	40	86	17	143	86	421	92	599	41	92	113	246	1289
05:30 PM	20	230	39	289	51	95	24	170	99	368	65	532	45	115	88	248	1239
05:45 PM	19	259	40	318	45	86	24	155	70	423	64	557	28	73	64	165	1195
Total	76	958	132	1166	191	361	84	636	336	1599	291	2226	166	372	356	894	4922
Grand Total	158	1960	254	2372	391	762	165	1318	660	3077	601	4338	303	702	639	1644	9672
Apprch %	6.7	82.6	10.7		29.7	57.8	12.5		15.2	70.9	13.9		18.4	42.7	38.9		
Total %	1.6	20.3	2.6	24.5	4	7.9	1.7	13.6	6.8	31.8	6.2	44.9	3.1	7.3	6.6	17	

	Culver Drive Southbound				Bryan Avenue Westbound				Culver Drive Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	14	**255**	37	**306**	50	82	18	150	84	412	68	564	39	89	75	203	1223
05:00 PM	19	215	24	258	**55**	94	19	168	81	387	70	538	**52**	92	91	235	1199
05:15 PM	18	254	29	301	40	86	17	143	86	**421**	**92**	**599**	41	92	**113**	246	**1289**
05:30 PM	**20**	230	**39**	289	51	**95**	**24**	**170**	**99**	368	65	532	45	**115**	88	**248**	1239
Total Volume	71	954	129	1154	196	357	78	631	350	1588	295	2233	177	388	367	932	4950
% App. Total	6.2	82.7	11.2		31.1	56.6	12.4		15.7	71.1	13.2		19	41.6	39.4		
PHF	.888	.935	.827	.943	.891	.939	.813	.928	.884	.943	.802	.932	.851	.843	.812	.940	.960

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Site Code : 05124139
Start Date : 2/27/2024
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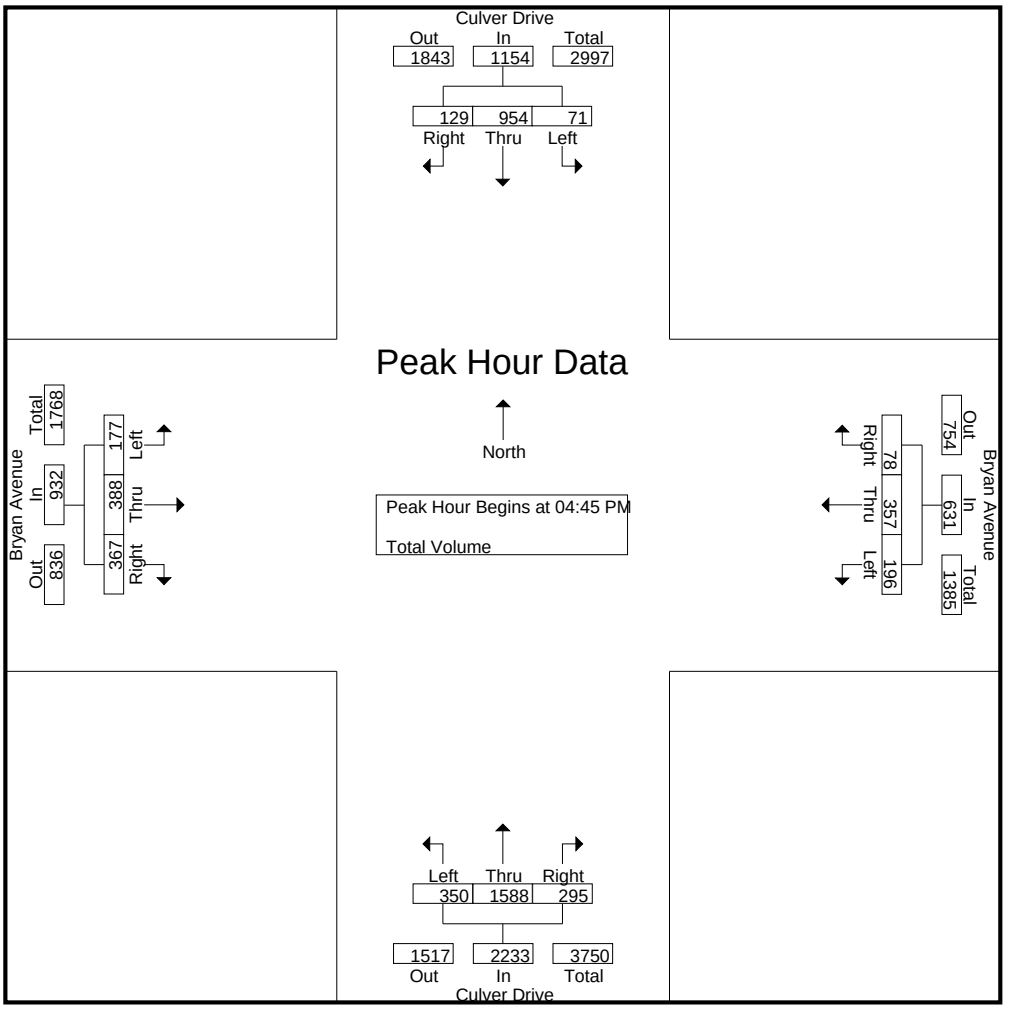

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				04:45 PM				04:45 PM			
+0 mins.	22	**292**	32	**346**	39	**128**	20	187	84	412	68	564	39	89	75	203
+15 mins.	**26**	262	25	313	39	89	**24**	152	81	387	70	538	**52**	92	91	235
+30 mins.	14	255	**37**	306	**72**	102	19	**193**	86	**421**	**92**	**599**	41	92	**113**	246
+45 mins.	19	215	24	258	50	82	18	150	**99**	368	65	532	45	**115**	88	**248**
Total Volume	81	1024	118	1223	200	401	81	682	350	1588	295	2233	177	388	367	932
% App. Total	6.6	83.7	9.6		29.3	58.8	11.9		15.7	71.1	13.2		19	41.6	39.4	
PHF	.779	.877	.797	.884	.694	.783	.844	.883	.884	.943	.802	.932	.851	.843	.812	.940

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City of Irvine
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E/W: I-5 NB On Ramp/Trabuco Road
Weather: Clear

File Name : 222_IRV_CUL_TRA AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Trabuco Road Westbound				Culver Drive Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	178	166	353	51	0	27	78	0	120	103	223	0	0	0	0	654
07:15 AM	6	327	163	496	72	0	49	121	0	143	139	282	0	0	0	0	899
07:30 AM	13	458	159	630	109	0	37	146	0	174	120	294	0	0	0	0	1070
07:45 AM	17	495	196	708	158	0	56	214	0	214	168	382	0	0	0	0	1304
Total	45	1458	684	2187	390	0	169	559	0	651	530	1181	0	0	0	0	3927
08:00 AM	25	508	182	715	136	0	79	215	0	200	156	356	0	0	0	0	1286
08:15 AM	28	525	166	719	163	0	62	225	0	241	149	390	0	0	0	0	1334
08:30 AM	25	581	167	773	158	0	53	211	0	202	145	347	0	0	0	0	1331
08:45 AM	11	561	170	742	156	0	41	197	0	211	155	366	0	0	0	0	1305
Total	89	2175	685	2949	613	0	235	848	0	854	605	1459	0	0	0	0	5256
Grand Total	134	3633	1369	5136	1003	0	404	1407	0	1505	1135	2640	0	0	0	0	9183
Apprch %	2.6	70.7	26.7		71.3	0	28.7		0	57	43		0	0	0		
Total %	1.5	39.6	14.9	55.9	10.9	0	4.4	15.3	0	16.4	12.4	28.7	0	0	0	0	

	Culver Drive Southbound				Trabuco Road Westbound				Culver Drive Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	25	508	182	715	136	0	79	215	0	200	156	356	0	0	0	0	1286
08:15 AM	28	525	166	719	163	0	62	225	0	241	149	390	0	0	0	0	1334
08:30 AM	25	581	167	773	158	0	53	211	0	202	145	347	0	0	0	0	1331
08:45 AM	11	561	170	742	156	0	41	197	0	211	155	366	0	0	0	0	1305
Total Volume	89	2175	685	2949	613	0	235	848	0	854	605	1459	0	0	0	0	5256
% App. Total	3	73.8	23.2		72.3	0	27.7		0	58.5	41.5		0	0	0		
PHF	.795	.936	.941	.954	.940	.000	.744	.942	.000	.886	.970	.935	.000	.000	.000	.000	.985

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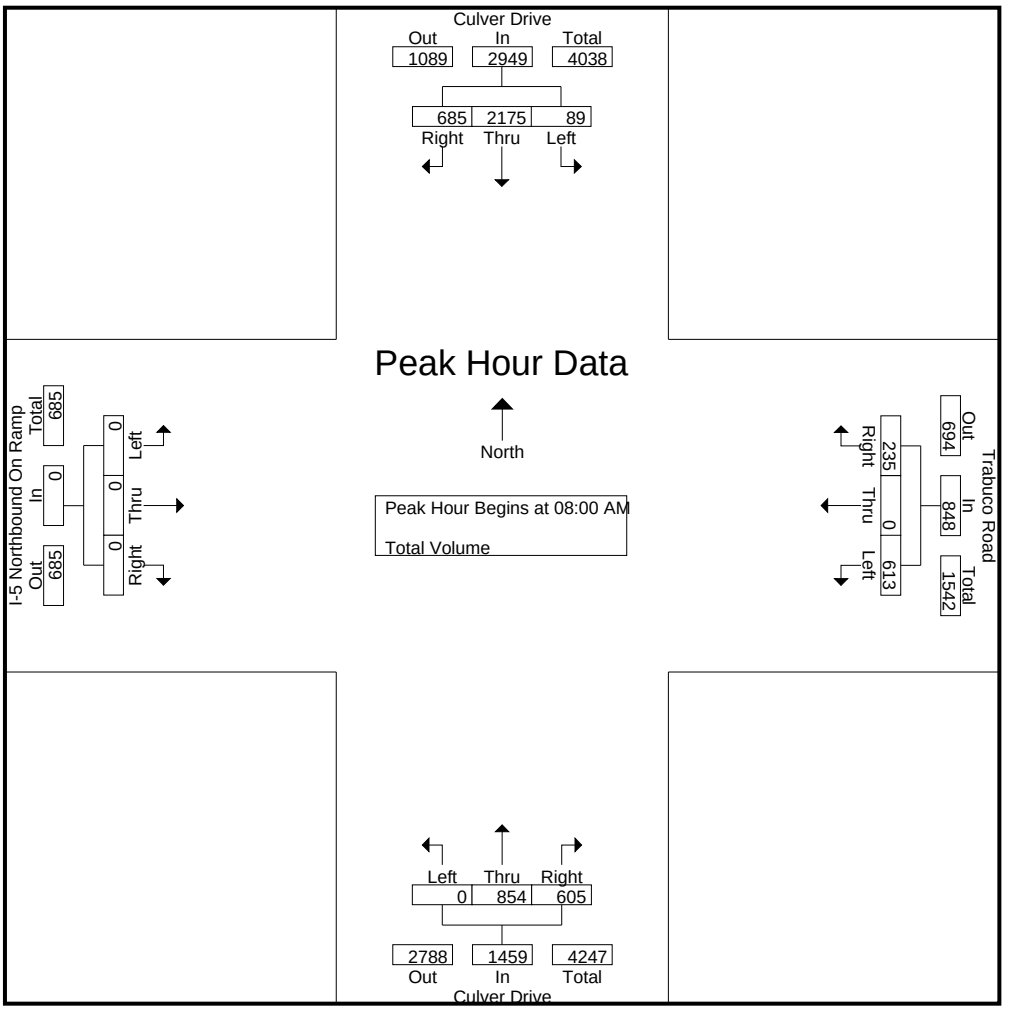

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				07:00 AM			
+0 mins.	25	508	182	715	158	0	56	214	0	214	168	382	0	0	0	0
+15 mins.	28	525	166	719	136	0	79	215	0	200	156	356	0	0	0	0
+30 mins.	25	581	167	773	163	0	62	225	0	241	149	390	0	0	0	0
+45 mins.	11	561	170	742	158	0	53	211	0	202	145	347	0	0	0	0
Total Volume	89	2175	685	2949	615	0	250	865	0	857	618	1475	0	0	0	0
% App. Total	3	73.8	23.2		71.1	0	28.9		0	58.1	41.9		0	0	0	
PHF	.795	.936	.941	.954	.943	.000	.791	.961	.000	.889	.920	.946	.000	.000	.000	.000

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City of Irvine
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Weather: Clear

File Name : 222_IRV_CUL_TRA PM1
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Groups Printed- Total Volume

	Culver Drive Southbound				Trabuco Road Westbound				Culver Drive Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	20	231	68	319	96	0	104	200	0	476	183	659	0	0	0	0	1178
04:15 PM	29	288	76	393	78	0	99	177	0	434	204	638	0	0	0	0	1208
04:30 PM	18	328	55	401	120	0	111	231	0	477	158	635	0	0	0	0	1267
04:45 PM	26	322	63	411	98	0	91	189	0	468	187	655	0	0	0	0	1255
Total	93	1169	262	1524	392	0	405	797	0	1855	732	2587	0	0	0	0	4908
05:00 PM	19	298	68	385	113	0	124	237	0	564	221	785	0	0	0	0	1407
05:15 PM	27	316	61	404	138	0	118	256	0	525	211	736	0	0	0	0	1396
05:30 PM	21	288	85	394	134	0	127	261	0	543	206	749	0	0	0	0	1404
05:45 PM	25	295	55	375	133	0	95	228	0	500	243	743	0	0	0	0	1346
Total	92	1197	269	1558	518	0	464	982	0	2132	881	3013	0	0	0	0	5553
Grand Total	185	2366	531	3082	910	0	869	1779	0	3987	1613	5600	0	0	0	0	10461
Apprch %	6	76.8	17.2		51.2	0	48.8		0	71.2	28.8		0	0	0		
Total %	1.8	22.6	5.1	29.5	8.7	0	8.3	17	0	38.1	15.4	53.5	0	0	0	0	

	Culver Drive Southbound				Trabuco Road Westbound				Culver Drive Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	19	298	68	385	113	0	124	237	0	564	221	785	0	0	0	0	1407
05:15 PM	27	316	61	404	138	0	118	256	0	525	211	736	0	0	0	0	1396
05:30 PM	21	288	85	394	134	0	127	261	0	543	206	749	0	0	0	0	1404
05:45 PM	25	295	55	375	133	0	95	228	0	500	243	743	0	0	0	0	1346
Total Volume	92	1197	269	1558	518	0	464	982	0	2132	881	3013	0	0	0	0	5553
% App. Total	5.9	76.8	17.3		52.7	0	47.3		0	70.8	29.2		0	0	0		
PHF	.852	.947	.791	.964	.938	.000	.913	.941	.000	.945	.906	.960	.000	.000	.000	.000	.987

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City of Irvine
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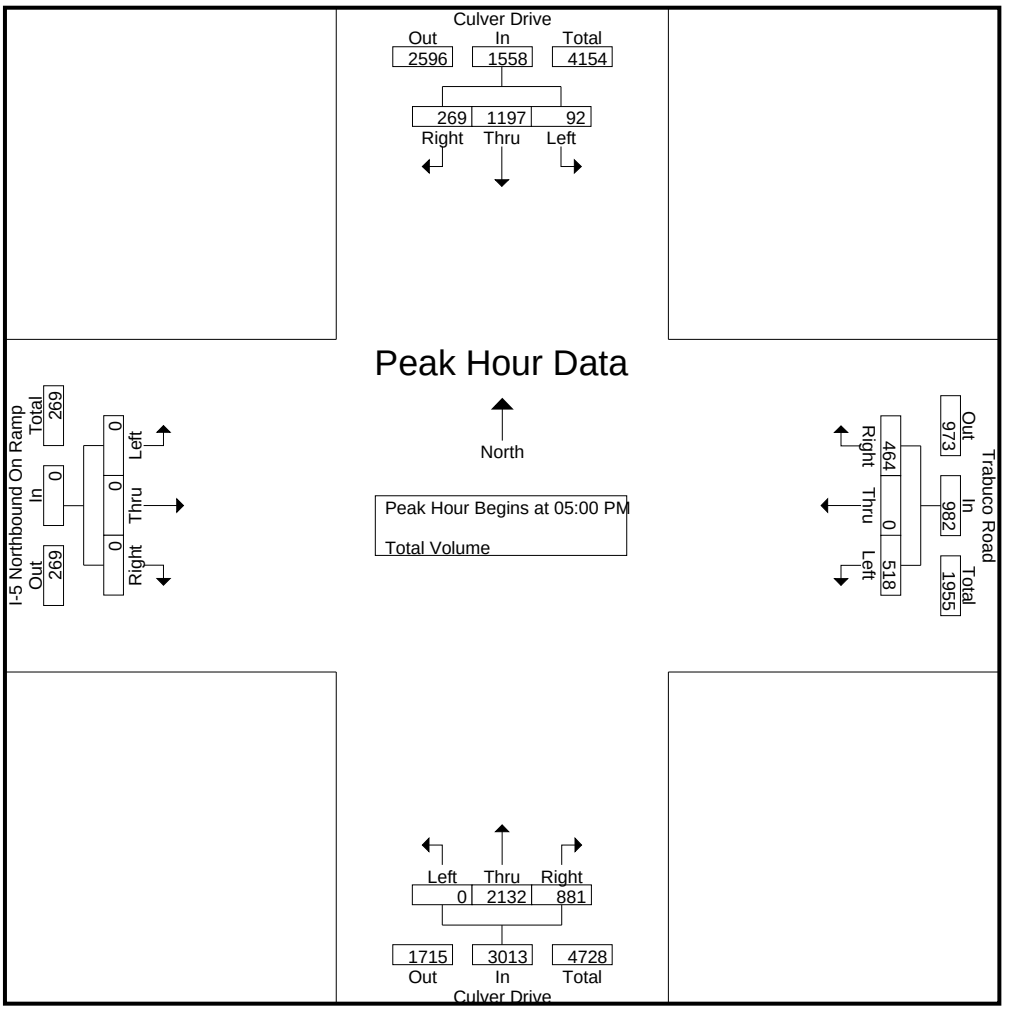

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				04:00 PM			
+0 mins.	18	328	55	401	113	0	124	237	0	564	221	785	0	0	0	0
+15 mins.	26	322	63	411	138	0	118	256	0	525	211	736	0	0	0	0
+30 mins.	19	298	68	385	134	0	127	261	0	543	206	749	0	0	0	0
+45 mins.	27	316	61	404	133	0	95	228	0	500	243	743	0	0	0	0
Total Volume	90	1264	247	1601	518	0	464	982	0	2132	881	3013	0	0	0	0
% App. Total	5.6	79	15.4		52.7	0	47.3		0	70.8	29.2		0	0	0	
PHF	.833	.963	.908	.974	.938	.000	.913	.941	.000	.945	.906	.960	.000	.000	.000	.000

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PO Box 1178
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City of Irvine
N/S: Culver Drive
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 223_IRV_CUL_5S AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				I-5 Southbound On Ramp Westbound				Culver Drive Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	172	70	242	0	0	0	0	0	135	25	160	88	0	86	174	576
07:15 AM	0	261	122	383	0	0	0	0	0	171	54	225	123	0	118	241	849
07:30 AM	0	394	134	528	0	0	0	0	0	200	55	255	102	0	125	227	1010
07:45 AM	0	547	158	705	0	0	0	0	0	222	64	286	122	0	146	268	1259
Total	0	1374	484	1858	0	0	0	0	0	728	198	926	435	0	475	910	3694
08:00 AM	0	499	146	645	0	0	0	0	0	225	64	289	111	0	155	266	1200
08:15 AM	0	508	176	684	0	0	0	0	0	250	90	340	144	0	163	307	1331
08:30 AM	0	542	170	712	0	0	0	0	0	206	57	263	140	0	157	297	1272
08:45 AM	0	521	164	685	0	0	0	0	0	244	55	299	142	0	167	309	1293
Total	0	2070	656	2726	0	0	0	0	0	925	266	1191	537	0	642	1179	5096
Grand Total	0	3444	1140	4584	0	0	0	0	0	1653	464	2117	972	0	1117	2089	8790
Apprch %	0	75.1	24.9		0	0	0		0	78.1	21.9		46.5	0	53.5		
Total %	0	39.2	13	52.2	0	0	0	0	0	18.8	5.3	24.1	11.1	0	12.7	23.8	

	Culver Drive Southbound				I-5 Southbound On Ramp Westbound				Culver Drive Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	499	146	645	0	0	0	0	0	225	64	289	111	0	155	266	1200
08:15 AM	0	508	176	684	0	0	0	0	0	250	90	340	144	0	163	307	1331
08:30 AM	0	542	170	712	0	0	0	0	0	206	57	263	140	0	157	297	1272
08:45 AM	0	521	164	685	0	0	0	0	0	244	55	299	142	0	167	309	1293
Total Volume	0	2070	656	2726	0	0	0	0	0	925	266	1191	537	0	642	1179	5096
% App. Total	0	75.9	24.1		0	0	0		0	77.7	22.3		45.5	0	54.5		
PHF	.000	.955	.932	.957	.000	.000	.000	.000	.000	.925	.739	.876	.932	.000	.961	.954	.957

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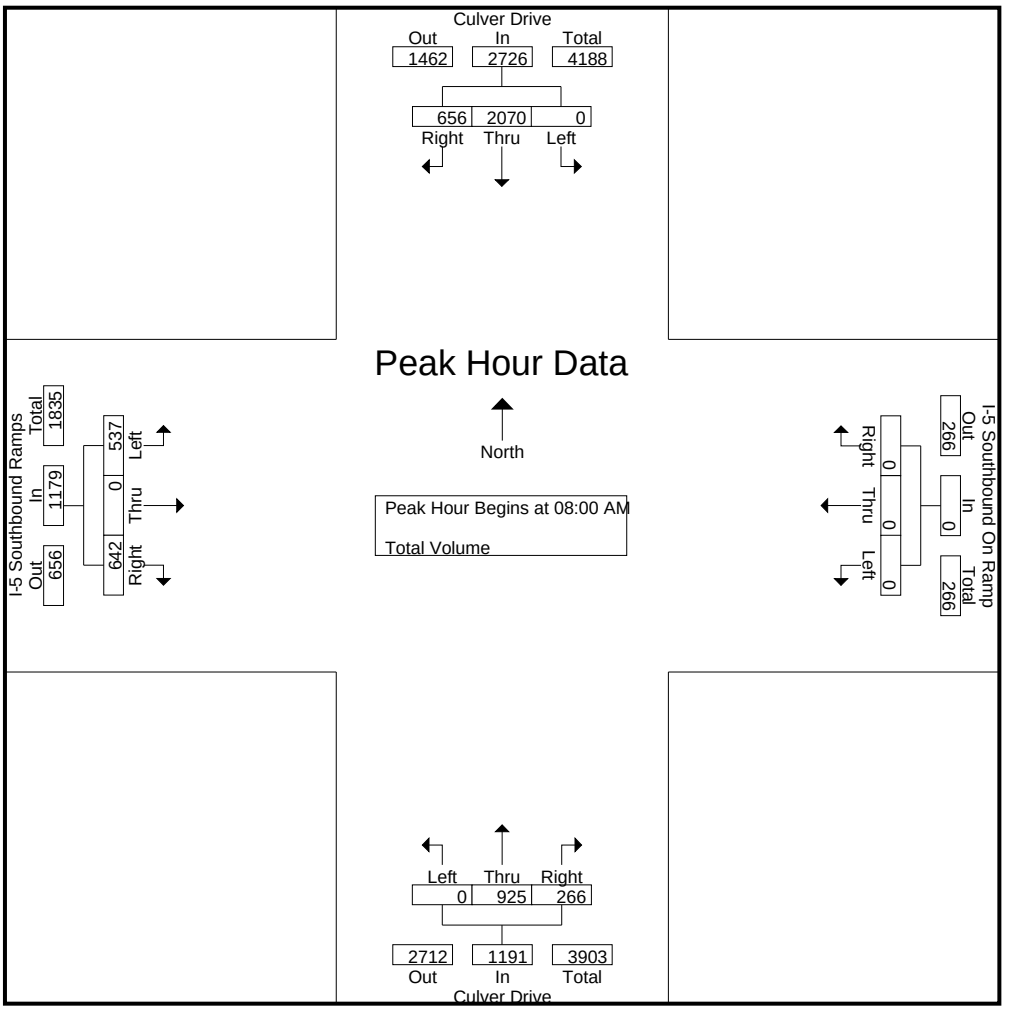
City of Irvine
N/S: Culver Drive
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 223_IRV_CUL_5S AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	547	158	705	0	0	0	0	0	225	64	289	111	0	155	266
+15 mins.	0	499	146	645	0	0	0	0	0	250	90	340	144	0	163	307
+30 mins.	0	508	176	684	0	0	0	0	0	206	57	263	140	0	157	297
+45 mins.	0	542	170	712	0	0	0	0	0	244	55	299	142	0	167	309
Total Volume	0	2096	650	2746	0	0	0	0	0	925	266	1191	537	0	642	1179
% App. Total	0	76.3	23.7		0	0	0		0	77.7	22.3		45.5	0	54.5	
PHF	.000	.958	.923	.964	.000	.000	.000	.000	.000	.925	.739	.876	.932	.000	.961	.954

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City of Irvine
N/S: Culver Drive
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 223_IRV_CUL_5S PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				I-5 Southbound On Ramp Westbound				Culver Drive Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	290	80	370	0	0	0	0	0	433	92	525	204	0	158	362	1257
04:15 PM	0	290	79	369	0	0	0	0	0	451	91	542	233	0	163	396	1307
04:30 PM	0	329	67	396	0	0	0	0	0	441	88	529	209	0	149	358	1283
04:45 PM	0	304	83	387	0	0	0	0	0	446	93	539	198	0	199	397	1323
Total	0	1213	309	1522	0	0	0	0	0	1771	364	2135	844	0	669	1513	5170
05:00 PM	0	321	80	401	0	0	0	0	0	481	112	593	254	0	177	431	1425
05:15 PM	0	321	80	401	0	0	0	0	0	504	120	624	256	0	183	439	1464
05:30 PM	0	375	72	447	0	0	0	0	0	467	97	564	213	0	178	391	1402
05:45 PM	0	339	88	427	0	0	0	0	0	479	99	578	252	0	171	423	1428
Total	0	1356	320	1676	0	0	0	0	0	1931	428	2359	975	0	709	1684	5719
Grand Total	0	2569	629	3198	0	0	0	0	0	3702	792	4494	1819	0	1378	3197	10889
Apprch %	0	80.3	19.7		0	0	0		0	82.4	17.6		56.9	0	43.1		
Total %	0	23.6	5.8	29.4	0	0	0	0	0	34	7.3	41.3	16.7	0	12.7	29.4	

	Culver Drive Southbound				I-5 Southbound On Ramp Westbound				Culver Drive Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	321	80	401	0	0	0	0	0	481	112	593	254	0	177	431	1425
05:15 PM	0	321	80	401	0	0	0	0	0	504	120	624	256	0	183	439	1464
05:30 PM	0	375	72	447	0	0	0	0	0	467	97	564	213	0	178	391	1402
05:45 PM	0	339	88	427	0	0	0	0	0	479	99	578	252	0	171	423	1428
Total Volume	0	1356	320	1676	0	0	0	0	0	1931	428	2359	975	0	709	1684	5719
% App. Total	0	80.9	19.1		0	0	0		0	81.9	18.1		57.9	0	42.1		
PHF	.000	.904	.909	.937	.000	.000	.000	.000	.000	.958	.892	.945	.952	.000	.969	.959	.977

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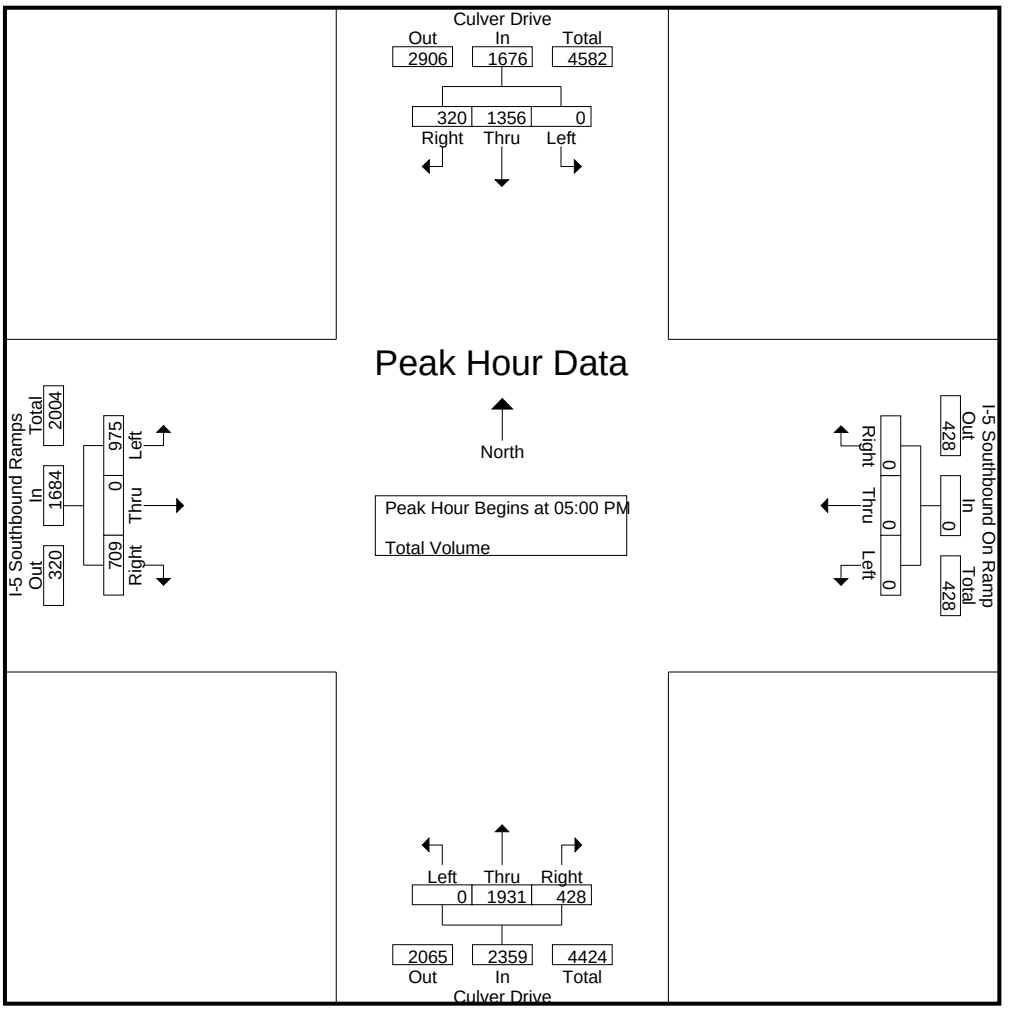
City of Irvine
N/S: Culver Drive
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 223_IRV_CUL_5S PM1
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	321	80	401	0	0	0	0	0	481	112	593	254	0	177	431
+15 mins.	0	321	80	401	0	0	0	0	0	504	120	624	256	0	183	439
+30 mins.	0	375	72	447	0	0	0	0	0	467	97	564	213	0	178	391
+45 mins.	0	339	88	427	0	0	0	0	0	479	99	578	252	0	171	423
Total Volume	0	1356	320	1676	0	0	0	0	0	1931	428	2359	975	0	709	1684
% App. Total	0	80.9	19.1		0	0	0		0	81.9	18.1		57.9	0	42.1	
PHF	.000	.904	.909	.937	.000	.000	.000	.000	.000	.958	.892	.945	.952	.000	.969	.959

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City of Irvine
N/S: Culver Drive
E/W: Walnut Avenue
Weather: Clear

File Name : 224_IRV_Cul_Wal AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Walnut Avenue Westbound				Culver Drive Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	178	25	217	48	35	35	118	7	110	28	145	23	21	10	54	534
07:15 AM	26	308	45	379	46	42	47	135	14	128	18	160	30	23	16	69	743
07:30 AM	29	410	48	487	78	49	34	161	10	129	34	173	45	31	25	101	922
07:45 AM	35	497	80	612	77	60	69	206	25	183	66	274	35	68	45	148	1240
Total	104	1393	198	1695	249	186	185	620	56	550	146	752	133	143	96	372	3439
08:00 AM	51	439	92	582	104	117	56	277	25	155	122	302	57	124	33	214	1375
08:15 AM	34	495	82	611	98	119	62	279	29	202	84	315	47	112	30	189	1394
08:30 AM	34	463	97	594	121	142	59	322	25	181	32	238	39	37	17	93	1247
08:45 AM	19	602	97	718	41	86	33	160	16	190	34	240	40	29	17	86	1204
Total	138	1999	368	2505	364	464	210	1038	95	728	272	1095	183	302	97	582	5220
Grand Total	242	3392	566	4200	613	650	395	1658	151	1278	418	1847	316	445	193	954	8659
Apprch %	5.8	80.8	13.5		37	39.2	23.8		8.2	69.2	22.6		33.1	46.6	20.2		
Total %	2.8	39.2	6.5	48.5	7.1	7.5	4.6	19.1	1.7	14.8	4.8	21.3	3.6	5.1	2.2	11	

	Culver Drive Southbound				Walnut Avenue Westbound				Culver Drive Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	35	**497**	80	**612**	77	60	**69**	206	25	183	66	274	35	68	**45**	148	1240
08:00 AM	**51**	439	92	582	104	117	56	277	25	155	**122**	302	**57**	**124**	33	**214**	1375
08:15 AM	34	495	82	611	98	119	62	279	**29**	**202**	84	**315**	47	112	30	189	**1394**
08:30 AM	34	463	**97**	594	**121**	**142**	59	**322**	25	181	32	238	39	37	17	93	1247
Total Volume	154	1894	351	2399	400	438	246	1084	104	721	304	1129	178	341	125	644	5256
% App. Total	6.4	78.9	14.6		36.9	40.4	22.7		9.2	63.9	26.9		27.6	53	19.4		
PHF	.755	.953	.905	.980	.826	.771	.891	.842	.897	.892	.623	.896	.781	.688	.694	.752	.943

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City of Irvine
N/S: Culver Drive
E/W: Walnut Avenue
Weather: Clear

File Name : 224_IRV_Cul_Wal AM1
Site Code : 05124139
Start Date : 2/27/2024
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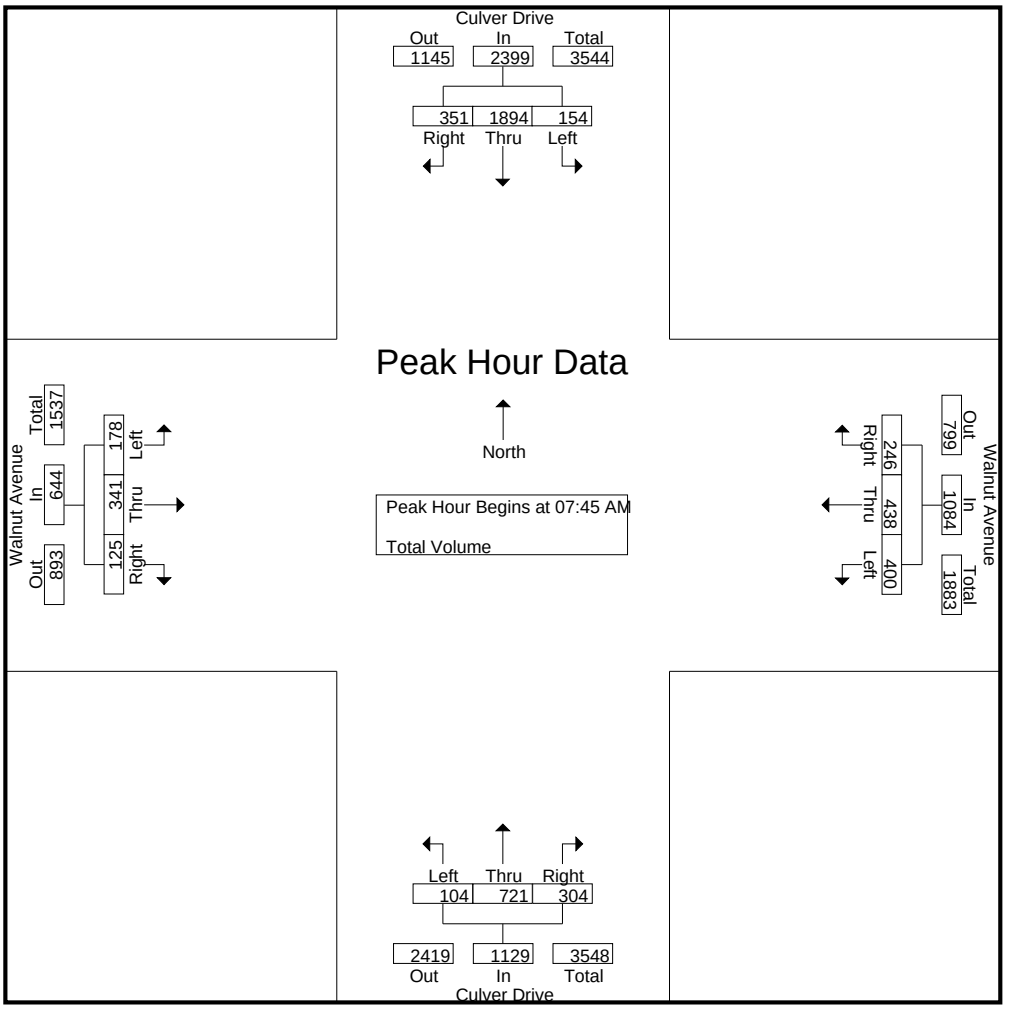

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	**51**	439	92	582	77	60	**69**	206	25	183	66	274	45	31	25	101
+15 mins.	34	495	82	611	104	117	56	277	25	155	**122**	302	35	68	**45**	148
+30 mins.	34	463	**97**	594	98	119	62	279	**29**	**202**	84	**315**	**57**	**124**	33	**214**
+45 mins.	19	**602**	97	**718**	**121**	**142**	59	**322**	25	181	32	238	47	112	30	189
Total Volume	138	1999	368	2505	400	438	246	1084	104	721	304	1129	184	335	133	652
% App. Total	5.5	79.8	14.7		36.9	40.4	22.7		9.2	63.9	26.9		28.2	51.4	20.4	
PHF	.676	.830	.948	.872	.826	.771	.891	.842	.897	.892	.623	.896	.807	.675	.739	.762

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City of Irvine
N/S: Culver Drive
E/W: Walnut Avenue
Weather: Clear

File Name : 224_IRV_Cul_Wal PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Walnut Avenue Westbound				Culver Drive Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	88	288	52	428	74	127	46	247	44	385	70	499	49	51	13	113	1287
04:15 PM	60	262	48	370	87	126	45	258	66	312	76	454	74	65	20	159	1241
04:30 PM	76	391	63	530	65	111	34	210	48	373	63	484	78	54	23	155	1379
04:45 PM	63	295	71	429	71	113	50	234	46	368	87	501	99	81	19	199	1363
Total	287	1236	234	1757	297	477	175	949	204	1438	296	1938	300	251	75	626	5270
05:00 PM	92	348	64	504	69	84	40	193	39	396	95	530	87	63	21	171	1398
05:15 PM	67	269	69	405	80	108	50	238	54	357	102	513	104	83	24	211	1367
05:30 PM	76	349	95	520	79	113	45	237	39	437	88	564	85	72	13	170	1491
05:45 PM	78	249	82	409	87	110	57	254	53	376	108	537	80	94	22	196	1396
Total	313	1215	310	1838	315	415	192	922	185	1566	393	2144	356	312	80	748	5652
Grand Total	600	2451	544	3595	612	892	367	1871	389	3004	689	4082	656	563	155	1374	10922
Apprch %	16.7	68.2	15.1		32.7	47.7	19.6		9.5	73.6	16.9		47.7	41	11.3		
Total %	5.5	22.4	5	32.9	5.6	8.2	3.4	17.1	3.6	27.5	6.3	37.4	6	5.2	1.4	12.6	

	Culver Drive Southbound				Walnut Avenue Westbound				Culver Drive Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**92**	348	64	504	69	84	40	193	39	396	95	530	87	63	21	171	1398
05:15 PM	67	269	69	405	80	108	50	238	**54**	357	102	513	**104**	83	**24**	**211**	1367
05:30 PM	76	**349**	**95**	**520**	79	**113**	45	237	39	**437**	88	**564**	85	72	13	170	**1491**
05:45 PM	78	249	82	409	**87**	110	**57**	**254**	53	376	**108**	537	80	**94**	22	196	1396
Total Volume	313	1215	310	1838	315	415	192	922	185	1566	393	2144	356	312	80	748	5652
% App. Total	17	66.1	16.9		34.2	45	20.8		8.6	73	18.3		47.6	41.7	10.7		
PHF	.851	.870	.816	.884	.905	.918	.842	.907	.856	.896	.910	.950	.856	.830	.833	.886	.948

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City of Irvine
N/S: Culver Drive
E/W: Walnut Avenue
Weather: Clear

File Name : 224_IRV_Cul_Wal PM1
Site Code : 05124139
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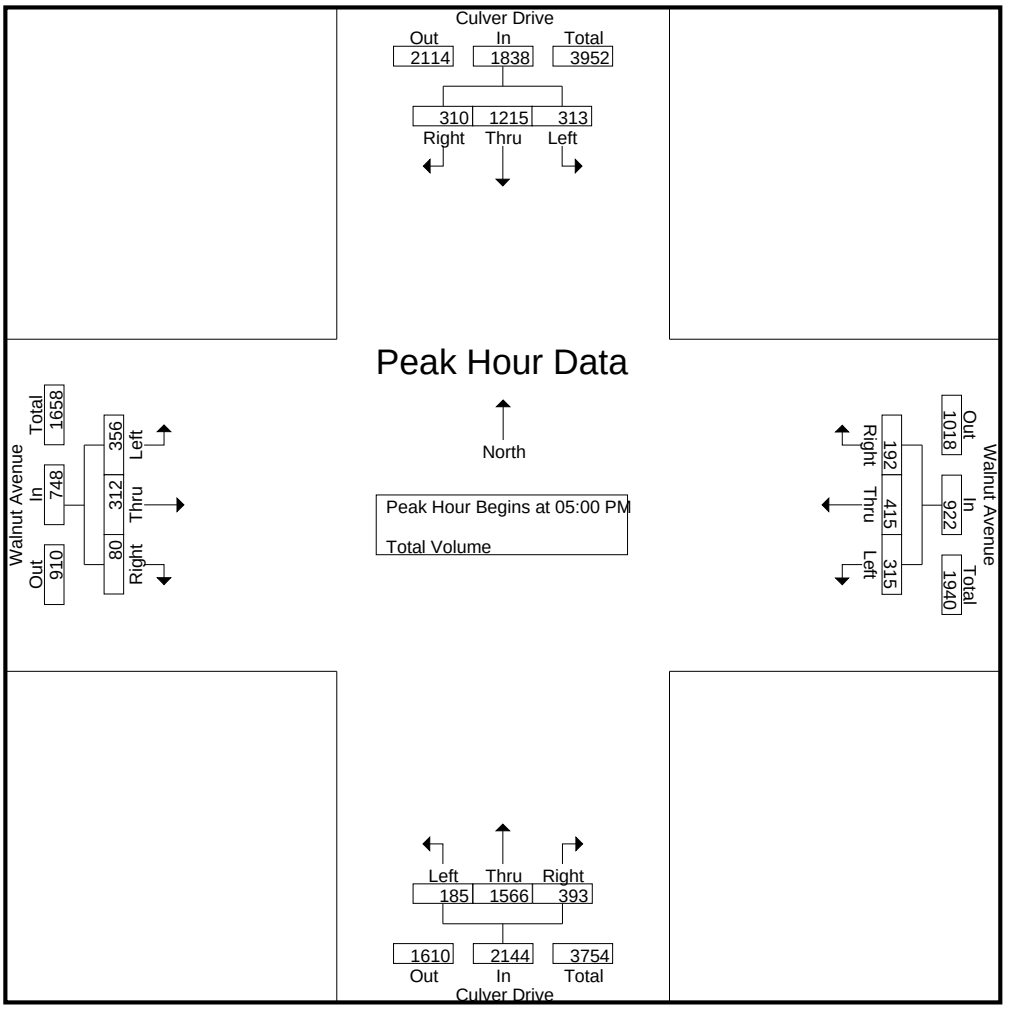

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:00 PM				04:45 PM			
+0 mins.	76	**391**	63	**530**	74	**127**	46	247	39	396	95	530	99	81	19	199
+15 mins.	63	295	**71**	429	**87**	126	45	**258**	**54**	357	102	513	87	63	21	171
+30 mins.	**92**	348	64	504	65	111	34	210	39	**437**	88	**564**	**104**	**83**	**24**	**211**
+45 mins.	67	269	69	405	71	113	**50**	234	53	376	**108**	537	85	72	13	170
Total Volume	298	1303	267	1868	297	477	175	949	185	1566	393	2144	375	299	77	751
% App. Total	16	69.8	14.3		31.3	50.3	18.4		8.6	73	18.3		49.9	39.8	10.3	
PHF	.810	.833	.940	.881	.853	.939	.875	.920	.856	.896	.910	.950	.901	.901	.802	.890

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City of Irvine
N/S: Culver Drive
E/W: Irvine Center Drive
Weather: Clear

File Name : 226_IRV_Cul_ICD AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				Irvine Center Drive Westbound				Culver Drive Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	20	192	16	228	25	56	13	94	13	85	16	114	13	68	28	109	545
07:15 AM	14	272	19	305	52	90	20	162	30	113	27	170	13	93	66	172	809
07:30 AM	41	491	43	575	74	75	25	174	30	120	27	177	24	113	73	210	1136
07:45 AM	42	420	39	501	106	210	33	349	39	150	44	233	47	183	79	309	1392
Total	117	1375	117	1609	257	431	91	779	112	468	114	694	97	457	246	800	3882
08:00 AM	53	522	49	624	104	178	30	312	64	177	56	297	54	139	86	279	1512
08:15 AM	40	474	45	559	125	245	27	397	53	175	50	278	47	136	101	284	1518
08:30 AM	45	550	51	646	99	184	26	309	65	200	51	316	20	110	60	190	1461
08:45 AM	43	464	30	537	140	203	23	366	44	149	55	248	21	116	76	213	1364
Total	181	2010	175	2366	468	810	106	1384	226	701	212	1139	142	501	323	966	5855
Grand Total	298	3385	292	3975	725	1241	197	2163	338	1169	326	1833	239	958	569	1766	9737
Apprch %	7.5	85.2	7.3		33.5	57.4	9.1		18.4	63.8	17.8		13.5	54.2	32.2		
Total %	3.1	34.8	3	40.8	7.4	12.7	2	22.2	3.5	12	3.3	18.8	2.5	9.8	5.8	18.1	

	Culver Drive Southbound				Irvine Center Drive Westbound				Culver Drive Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	42	420	39	501	106	210	**33**	349	39	150	44	233	47	**183**	79	**309**	1392
08:00 AM	**53**	522	49	624	104	178	30	312	64	177	**56**	297	**54**	139	86	279	1512
08:15 AM	40	474	45	559	**125**	**245**	27	**397**	53	175	50	278	47	136	**101**	284	**1518**
08:30 AM	45	**550**	**51**	**646**	99	184	26	309	**65**	**200**	51	**316**	20	110	60	190	1461
Total Volume	180	1966	184	2330	434	817	116	1367	221	702	201	1124	168	568	326	1062	5883
% App. Total	7.7	84.4	7.9		31.7	59.8	8.5		19.7	62.5	17.9		15.8	53.5	30.7		
PHF	.849	.894	.902	.902	.868	.834	.879	.861	.850	.878	.897	.889	.778	.776	.807	.859	.969

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City of Irvine
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E/W: Irvine Center Drive
Weather: Clear

File Name : 226_IRV_Cul_ICD AM1
Site Code : 05124139
Start Date : 2/27/2024
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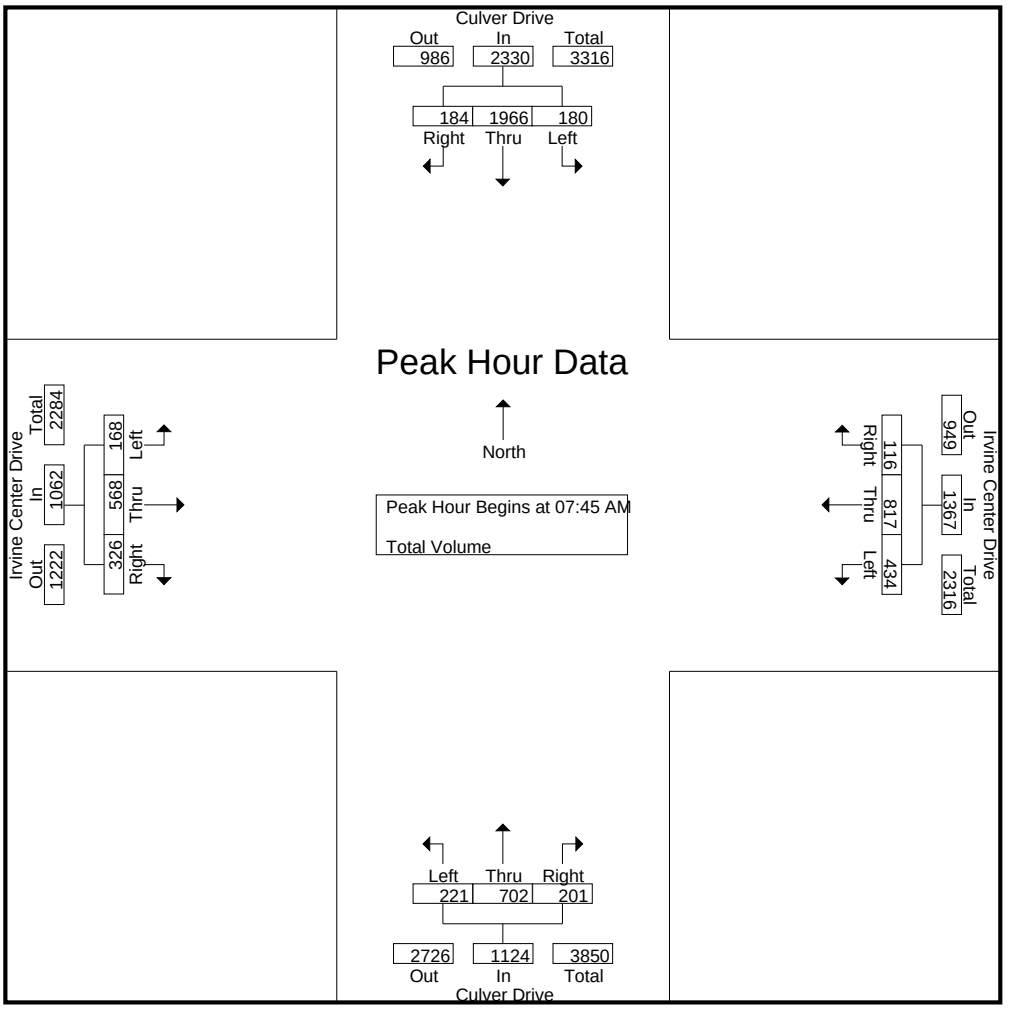

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:30 AM			
+0 mins.	**53**	522	49	624	104	178	**30**	312	64	177	**56**	297	24	113	73	210
+15 mins.	40	474	45	559	125	**245**	27	**397**	53	175	50	278	47	**183**	79	**309**
+30 mins.	45	**550**	**51**	**646**	99	184	26	309	**65**	**200**	51	**316**	**54**	139	86	279
+45 mins.	43	464	30	537	**140**	203	23	366	44	149	55	248	47	136	**101**	284
Total Volume	181	2010	175	2366	468	810	106	1384	226	701	212	1139	172	571	339	1082
% App. Total	7.7	85	7.4		33.8	58.5	7.7		19.8	61.5	18.6		15.9	52.8	31.3	
PHF	.854	.914	.858	.916	.836	.827	.883	.872	.869	.876	.946	.901	.796	.780	.839	.875

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City of Irvine
N/S: Culver Drive
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Weather: Clear

File Name : 226_IRV_Cul_ICD PM1
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Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Irvine Center Drive Westbound				Culver Drive Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	58	279	37	374	57	264	42	363	69	358	94	521	49	92	50	191	1449
04:15 PM	43	268	25	336	80	309	50	439	75	332	113	520	45	95	66	206	1501
04:30 PM	57	343	52	452	70	294	40	404	73	367	77	517	68	135	53	256	1629
04:45 PM	50	290	26	366	91	386	49	526	78	411	94	583	49	107	79	235	1710
Total	208	1180	140	1528	298	1253	181	1732	295	1468	378	2141	211	429	248	888	6289
05:00 PM	50	326	31	407	71	241	37	349	76	400	87	563	59	139	80	278	1597
05:15 PM	59	290	36	385	102	308	42	452	76	420	105	601	67	189	99	355	1793
05:30 PM	77	336	39	452	84	259	37	380	61	394	124	579	62	193	76	331	1742
05:45 PM	54	256	28	338	93	224	36	353	63	425	99	587	67	165	82	314	1592
Total	240	1208	134	1582	350	1032	152	1534	276	1639	415	2330	255	686	337	1278	6724
Grand Total	448	2388	274	3110	648	2285	333	3266	571	3107	793	4471	466	1115	585	2166	13013
Apprch %	14.4	76.8	8.8		19.8	70	10.2		12.8	69.5	17.7		21.5	51.5	27		
Total %	3.4	18.4	2.1	23.9	5	17.6	2.6	25.1	4.4	23.9	6.1	34.4	3.6	8.6	4.5	16.6	

	Culver Drive Southbound				Irvine Center Drive Westbound				Culver Drive Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	50	290	26	366	91	**386**	**49**	**526**	**78**	411	94	583	49	107	79	235	1710
05:00 PM	50	326	31	407	71	241	37	349	76	400	87	563	59	139	80	278	1597
05:15 PM	59	290	36	385	**102**	308	42	452	76	**420**	105	**601**	**67**	189	**99**	**355**	**1793**
05:30 PM	**77**	**336**	**39**	**452**	84	259	37	380	61	394	**124**	579	62	**193**	76	331	1742
Total Volume	236	1242	132	1610	348	1194	165	1707	291	1625	410	2326	237	628	334	1199	6842
% App. Total	14.7	77.1	8.2		20.4	69.9	9.7		12.5	69.9	17.6		19.8	52.4	27.9		
PHF	.766	.924	.846	.890	.853	.773	.842	.811	.933	.967	.827	.968	.884	.813	.843	.844	.954

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File Name : 226_IRV_Cul_ICD PM1
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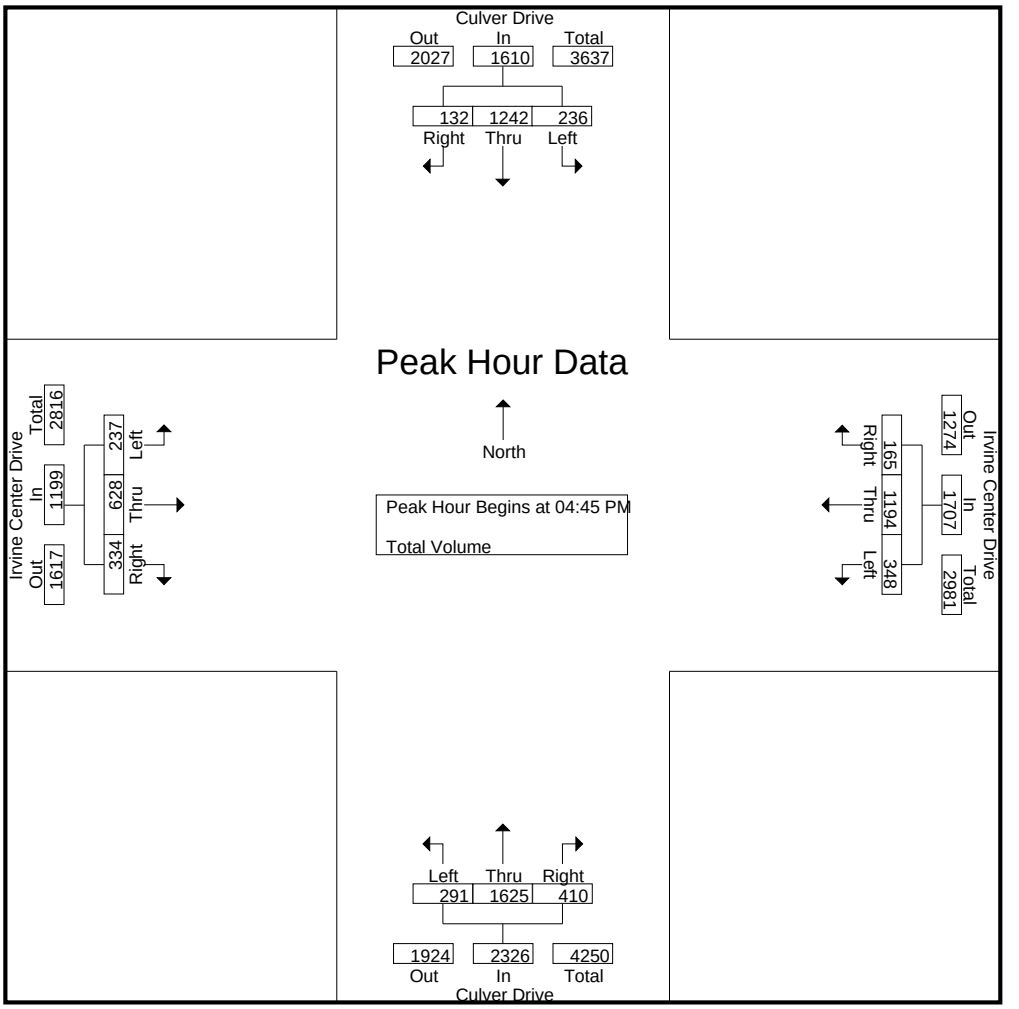

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	57	**343**	**52**	**452**	57	264	42	363	**76**	400	87	563	59	139	80	278
+15 mins.	50	290	26	366	80	309	**50**	439	76	420	105	**601**	**67**	189	**99**	**355**
+30 mins.	50	326	31	407	70	294	40	404	61	394	**124**	579	62	**193**	76	331
+45 mins.	**59**	290	36	385	**91**	**386**	49	**526**	63	**425**	99	587	67	165	82	314
Total Volume	216	1249	145	1610	298	1253	181	1732	276	1639	415	2330	255	686	337	1278
% App. Total	13.4	77.6	9		17.2	72.3	10.5		11.8	70.3	17.8		20	53.7	26.4	
PHF	.915	.910	.697	.890	.819	.812	.905	.823	.908	.964	.837	.969	.951	.889	.851	.900

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City of Irvine
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E/W: Warner Avenue
Weather: Clear

File Name : 227_IRV_Cul_War AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Warner Avenue Westbound				Culver Drive Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	247	7	260	18	17	26	61	0	75	7	82	10	10	8	28	431
07:15 AM	10	375	14	399	17	14	25	56	11	117	13	141	18	7	20	45	641
07:30 AM	12	593	19	624	28	19	26	73	6	145	12	163	21	12	23	56	916
07:45 AM	24	586	25	635	27	22	26	75	14	206	20	240	31	22	31	84	1034
Total	52	1801	65	1918	90	72	103	265	31	543	52	626	80	51	82	213	3022
08:00 AM	22	595	37	654	54	45	38	137	19	181	17	217	59	40	29	128	1136
08:15 AM	14	674	43	731	48	48	28	124	11	235	21	267	54	41	16	111	1233
08:30 AM	18	672	29	719	39	57	34	130	14	210	17	241	34	24	22	80	1170
08:45 AM	13	706	31	750	25	24	23	72	16	230	14	260	26	19	21	66	1148
Total	67	2647	140	2854	166	174	123	463	60	856	69	985	173	124	88	385	4687
Grand Total	119	4448	205	4772	256	246	226	728	91	1399	121	1611	253	175	170	598	7709
Apprch %	2.5	93.2	4.3		35.2	33.8	31		5.6	86.8	7.5		42.3	29.3	28.4		
Total %	1.5	57.7	2.7	61.9	3.3	3.2	2.9	9.4	1.2	18.1	1.6	20.9	3.3	2.3	2.2	7.8	

	Culver Drive Southbound				Warner Avenue Westbound				Culver Drive Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**22**	595	37	654	**54**	45	**38**	**137**	**19**	181	17	217	**59**	40	**29**	**128**	1136
08:15 AM	14	674	**43**	731	48	48	28	124	11	**235**	**21**	**267**	54	**41**	16	111	**1233**
08:30 AM	18	672	29	719	39	**57**	34	130	14	210	17	241	34	24	22	80	1170
08:45 AM	13	**706**	31	**750**	25	24	23	72	16	230	14	260	26	19	21	66	1148
Total Volume	67	2647	140	2854	166	174	123	463	60	856	69	985	173	124	88	385	4687
% App. Total	2.3	92.7	4.9		35.9	37.6	26.6		6.1	86.9	7		44.9	32.2	22.9		
PHF	.761	.937	.814	.951	.769	.763	.809	.845	.789	.911	.821	.922	.733	.756	.759	.752	.950

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Weather: Clear

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Site Code : 05124139
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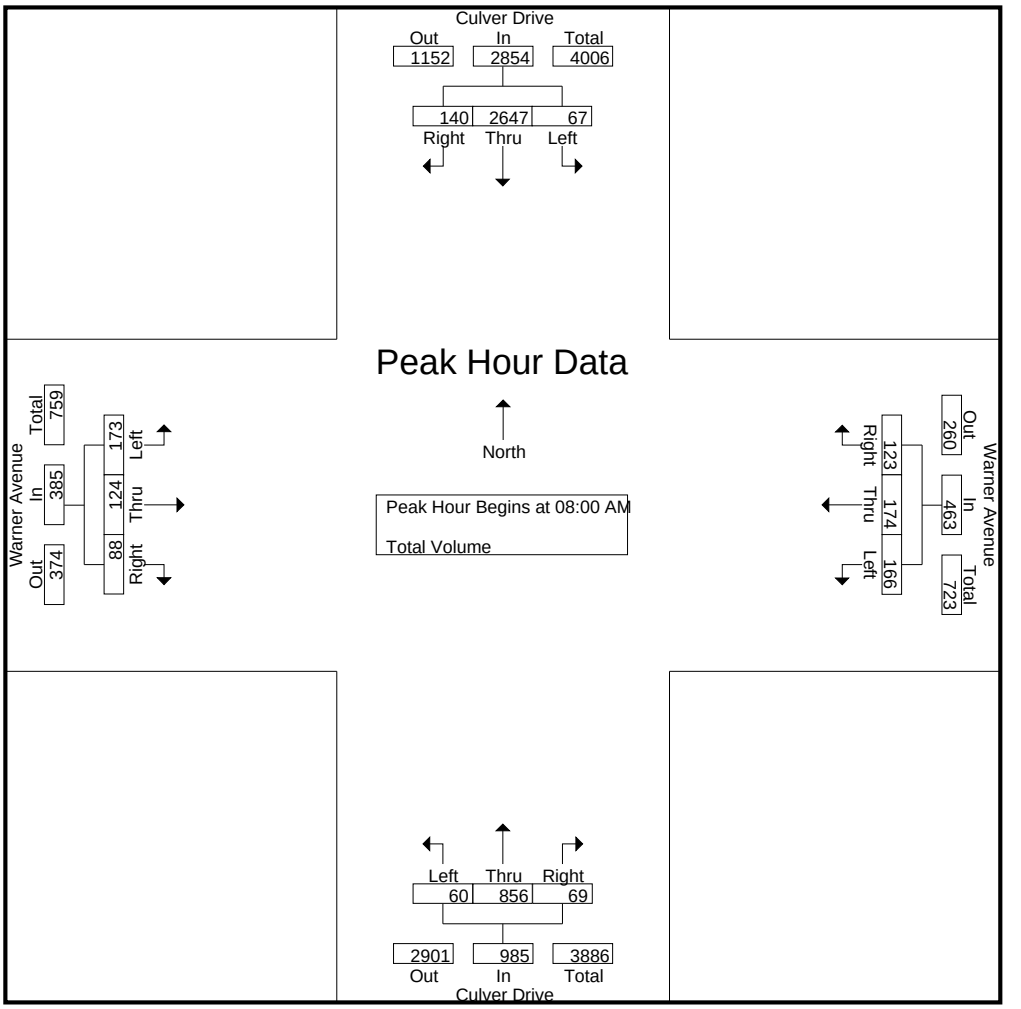

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	**22**	595	37	654	27	22	26	75	**19**	181	17	217	31	22	**31**	84
+15 mins.	14	674	**43**	731	**54**	45	**38**	**137**	11	**235**	**21**	**267**	**59**	40	29	**128**
+30 mins.	18	672	29	719	48	48	28	124	14	210	17	241	54	**41**	16	111
+45 mins.	13	**706**	31	**750**	39	**57**	34	130	16	230	14	260	34	24	22	80
Total Volume	67	2647	140	2854	168	172	126	466	60	856	69	985	178	127	98	403
% App. Total	2.3	92.7	4.9		36.1	36.9	27		6.1	86.9	7		44.2	31.5	24.3	
PHF	.761	.937	.814	.951	.778	.754	.829	.850	.789	.911	.821	.922	.754	.774	.790	.787

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City of Irvine
N/S: Culver Drive
E/W: Warner Avenue
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File Name : 227_IRV_Cul_War PM1
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Groups Printed- Total Volume

	Culver Drive Southbound				Warner Avenue Westbound				Culver Drive Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	23	360	34	417	23	52	33	108	18	428	32	478	47	34	28	109	1112
04:15 PM	22	402	41	465	18	27	23	68	20	455	37	512	44	30	26	100	1145
04:30 PM	24	395	22	441	20	29	21	70	16	434	30	480	34	41	21	96	1087
04:45 PM	29	436	54	519	21	33	27	81	18	552	39	609	35	27	30	92	1301
Total	98	1593	151	1842	82	141	104	327	72	1869	138	2079	160	132	105	397	4645
05:00 PM	31	396	30	457	21	38	31	90	17	451	27	495	39	27	32	98	1140
05:15 PM	22	450	54	526	24	33	27	84	22	565	32	619	46	28	32	106	1335
05:30 PM	28	415	47	490	32	31	39	102	21	462	20	503	48	27	33	108	1203
05:45 PM	32	425	49	506	17	19	28	64	16	590	26	632	38	32	25	95	1297
Total	113	1686	180	1979	94	121	125	340	76	2068	105	2249	171	114	122	407	4975
Grand Total	211	3279	331	3821	176	262	229	667	148	3937	243	4328	331	246	227	804	9620
Apprch %	5.5	85.8	8.7		26.4	39.3	34.3		3.4	91	5.6		41.2	30.6	28.2		
Total %	2.2	34.1	3.4	39.7	1.8	2.7	2.4	6.9	1.5	40.9	2.5	45	3.4	2.6	2.4	8.4	

	Culver Drive Southbound				Warner Avenue Westbound				Culver Drive Northbound				Warner Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	29	436	**54**	519	21	33	27	81	18	552	**39**	609	35	27	30	92	1301
05:00 PM	**31**	396	30	457	21	**38**	31	90	17	451	27	495	39	27	32	98	1140
05:15 PM	22	**450**	54	**526**	24	33	27	84	**22**	**565**	32	**619**	46	**28**	32	106	**1335**
05:30 PM	28	415	47	490	**32**	31	**39**	**102**	21	462	20	503	**48**	27	**33**	**108**	1203
Total Volume	110	1697	185	1992	98	135	124	357	78	2030	118	2226	168	109	127	404	4979
% App. Total	5.5	85.2	9.3		27.5	37.8	34.7		3.5	91.2	5.3		41.6	27	31.4		
PHF	.887	.943	.856	.947	.766	.888	.795	.875	.886	.898	.756	.899	.875	.973	.962	.935	.932

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Weather: Clear

File Name : 227_IRV_Cul_War PM1
Site Code : 05124139
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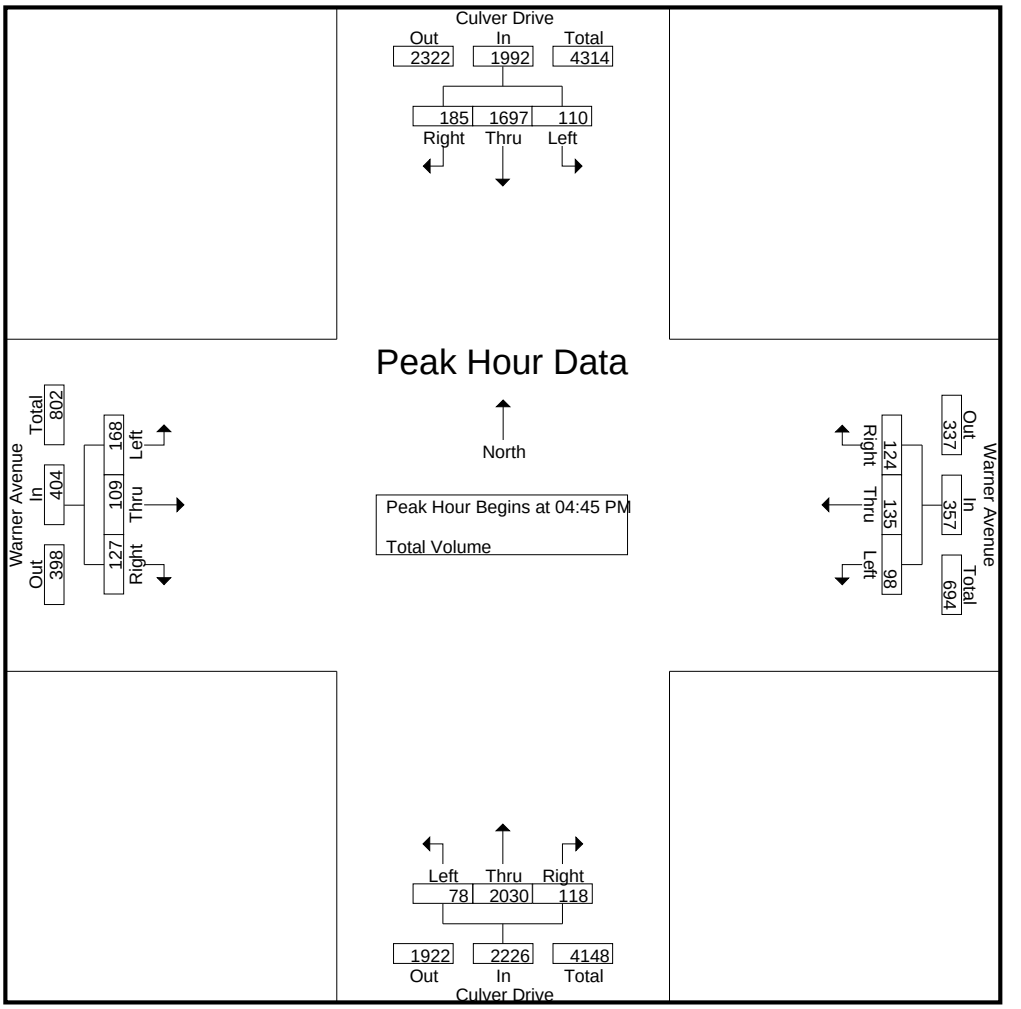

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	29	436	**54**	519	21	33	27	81	17	451	27	495	39	27	32	98
+15 mins.	**31**	396	30	457	21	**38**	31	90	**22**	565	**32**	619	46	28	32	106
+30 mins.	22	**450**	54	**526**	24	33	27	84	21	462	20	503	**48**	27	**33**	**108**
+45 mins.	28	415	47	490	**32**	31	**39**	**102**	16	**590**	26	**632**	38	**32**	25	95
Total Volume	110	1697	185	1992	98	135	124	357	76	2068	105	2249	171	114	122	407
% App. Total	5.5	85.2	9.3		27.5	37.8	34.7		3.4	92	4.7		42	28	30	
PHF	.887	.943	.856	.947	.766	.888	.795	.875	.864	.876	.820	.890	.891	.891	.924	.942

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City of Irvine
N/S: Culver Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 228_IRV_CULVER_BAR AM
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Barranca Parkway Westbound				Culver Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	35	218	7	260	23	19	9	51	12	80	25	117	7	44	27	78	506
07:15 AM	37	335	23	395	18	31	13	62	10	122	45	177	12	43	29	84	718
07:30 AM	85	473	26	584	39	63	23	125	12	130	42	184	21	54	43	118	1011
07:45 AM	104	553	49	706	49	89	20	158	14	204	65	283	19	71	36	126	1273
Total	261	1579	105	1945	129	202	65	396	48	536	177	761	59	212	135	406	3508
08:00 AM	72	509	61	642	62	100	28	190	16	167	64	247	23	95	37	155	1234
08:15 AM	91	561	76	728	58	131	32	221	25	216	84	325	27	88	28	143	1417
08:30 AM	118	502	73	693	82	149	49	280	23	162	75	260	26	88	36	150	1383
08:45 AM	81	590	95	766	65	108	45	218	18	190	88	296	35	79	29	143	1423
Total	362	2162	305	2829	267	488	154	909	82	735	311	1128	111	350	130	591	5457
Grand Total	623	3741	410	4774	396	690	219	1305	130	1271	488	1889	170	562	265	997	8965
Apprch %	13	78.4	8.6		30.3	52.9	16.8		6.9	67.3	25.8		17.1	56.4	26.6		
Total %	6.9	41.7	4.6	53.3	4.4	7.7	2.4	14.6	1.5	14.2	5.4	21.1	1.9	6.3	3	11.1	

	Culver Drive Southbound				Barranca Parkway Westbound				Culver Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	72	509	61	642	62	100	28	190	16	167	64	247	23	95	37	155	1234
08:15 AM	91	561	76	728	58	131	32	221	25	216	84	325	27	88	28	143	1417
08:30 AM	118	502	73	693	82	149	49	280	23	162	75	260	26	88	36	150	1383
08:45 AM	81	590	95	766	65	108	45	218	18	190	88	296	35	79	29	143	1423
Total Volume	362	2162	305	2829	267	488	154	909	82	735	311	1128	111	350	130	591	5457
% App. Total	12.8	76.4	10.8		29.4	53.7	16.9		7.3	65.2	27.6		18.8	59.2	22		
PHF	.767	.916	.803	.923	.814	.819	.786	.812	.820	.851	.884	.868	.793	.921	.878	.953	.959

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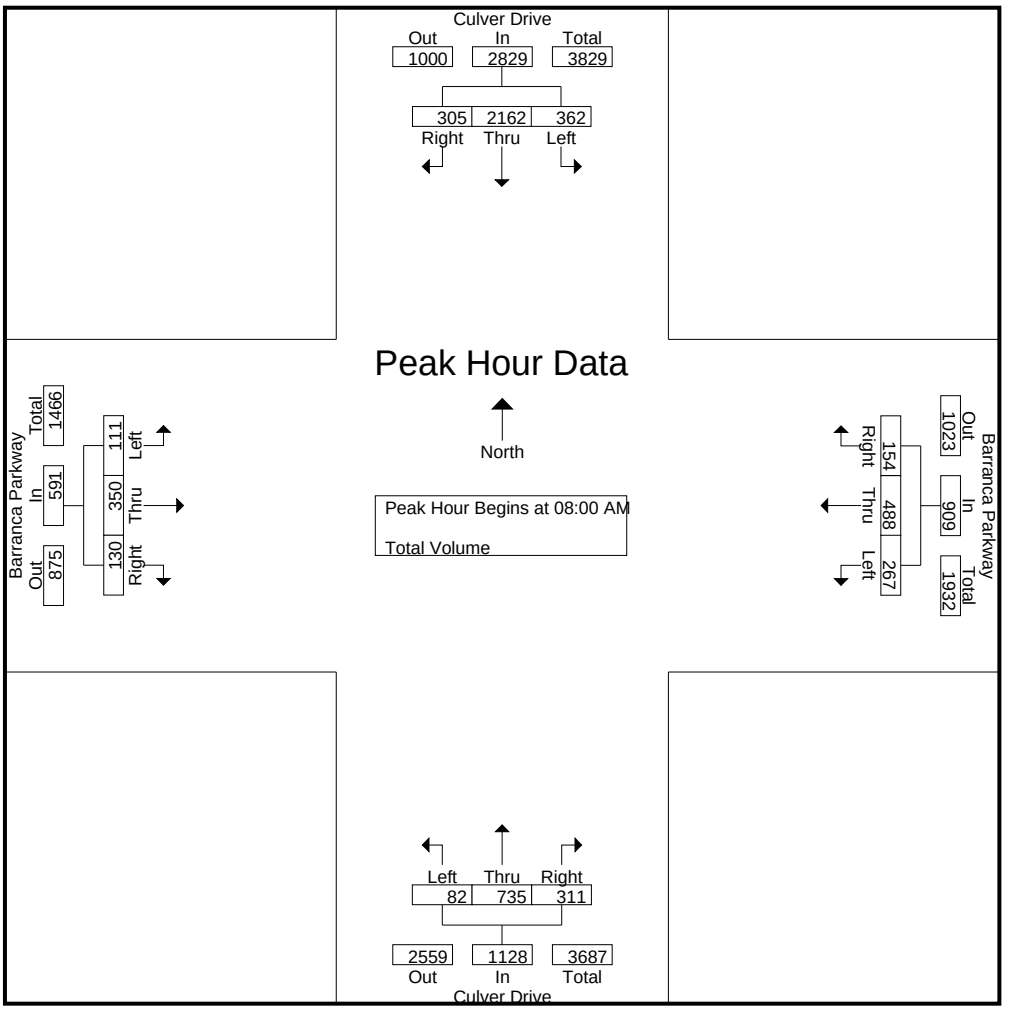
City of Irvine
N/S: Culver Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 228_IRV_CULVER_BAR AM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	72	509	61	642	62	100	28	190	16	167	64	247	23	95	37	155
+15 mins.	91	561	76	728	58	131	32	221	25	216	84	325	27	88	28	143
+30 mins.	118	502	73	693	82	149	49	280	23	162	75	260	26	88	36	150
+45 mins.	81	590	95	766	65	108	45	218	18	190	88	296	35	79	29	143
Total Volume	362	2162	305	2829	267	488	154	909	82	735	311	1128	111	350	130	591
% App. Total	12.8	76.4	10.8		29.4	53.7	16.9		7.3	65.2	27.6		18.8	59.2	22	
PHF	.767	.916	.803	.923	.814	.819	.786	.812	.820	.851	.884	.868	.793	.921	.878	.953

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City of Irvine
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Weather: Clear

File Name : 228_IRV_CULVER_BAR PM
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Groups Printed- Total Volume

	Culver Drive Southbound				Barranca Parkway Westbound				Culver Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	63	259	39	361	38	137	91	266	53	338	65	456	69	106	48	223	1306
04:15 PM	53	350	53	456	60	126	53	239	31	403	68	502	85	98	52	235	1432
04:30 PM	38	305	50	393	54	145	72	271	48	388	52	488	72	131	55	258	1410
04:45 PM	62	379	62	503	54	94	59	207	28	441	55	524	113	115	38	266	1500
Total	216	1293	204	1713	206	502	275	983	160	1570	240	1970	339	450	193	982	5648
05:00 PM	47	316	51	414	49	173	72	294	38	382	50	470	87	135	66	288	1466
05:15 PM	33	403	58	494	72	120	52	244	32	465	77	574	109	127	41	277	1589
05:30 PM	71	337	57	465	47	153	66	266	31	382	48	461	111	157	56	324	1516
05:45 PM	42	377	53	472	68	128	58	254	30	447	76	553	123	133	44	300	1579
Total	193	1433	219	1845	236	574	248	1058	131	1676	251	2058	430	552	207	1189	6150
Grand Total	409	2726	423	3558	442	1076	523	2041	291	3246	491	4028	769	1002	400	2171	11798
Apprch %	11.5	76.6	11.9		21.7	52.7	25.6		7.2	80.6	12.2		35.4	46.2	18.4		
Total %	3.5	23.1	3.6	30.2	3.7	9.1	4.4	17.3	2.5	27.5	4.2	34.1	6.5	8.5	3.4	18.4	

	Culver Drive Southbound				Barranca Parkway Westbound				Culver Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	47	316	51	414	49	173	72	294	38	382	50	470	87	135	66	288	1466
05:15 PM	33	403	58	494	72	120	52	244	32	465	77	574	109	127	41	277	1589
05:30 PM	71	337	57	465	47	153	66	266	31	382	48	461	111	157	56	324	1516
05:45 PM	42	377	53	472	68	128	58	254	30	447	76	553	123	133	44	300	1579
Total Volume	193	1433	219	1845	236	574	248	1058	131	1676	251	2058	430	552	207	1189	6150
% App. Total	10.5	77.7	11.9		22.3	54.3	23.4		6.4	81.4	12.2		36.2	46.4	17.4		
PHF	.680	.889	.944	.934	.819	.829	.861	.900	.862	.901	.815	.896	.874	.879	.784	.917	.968

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File Name : 228_IRV_CULVER_BAR PM
Site Code : 05124139
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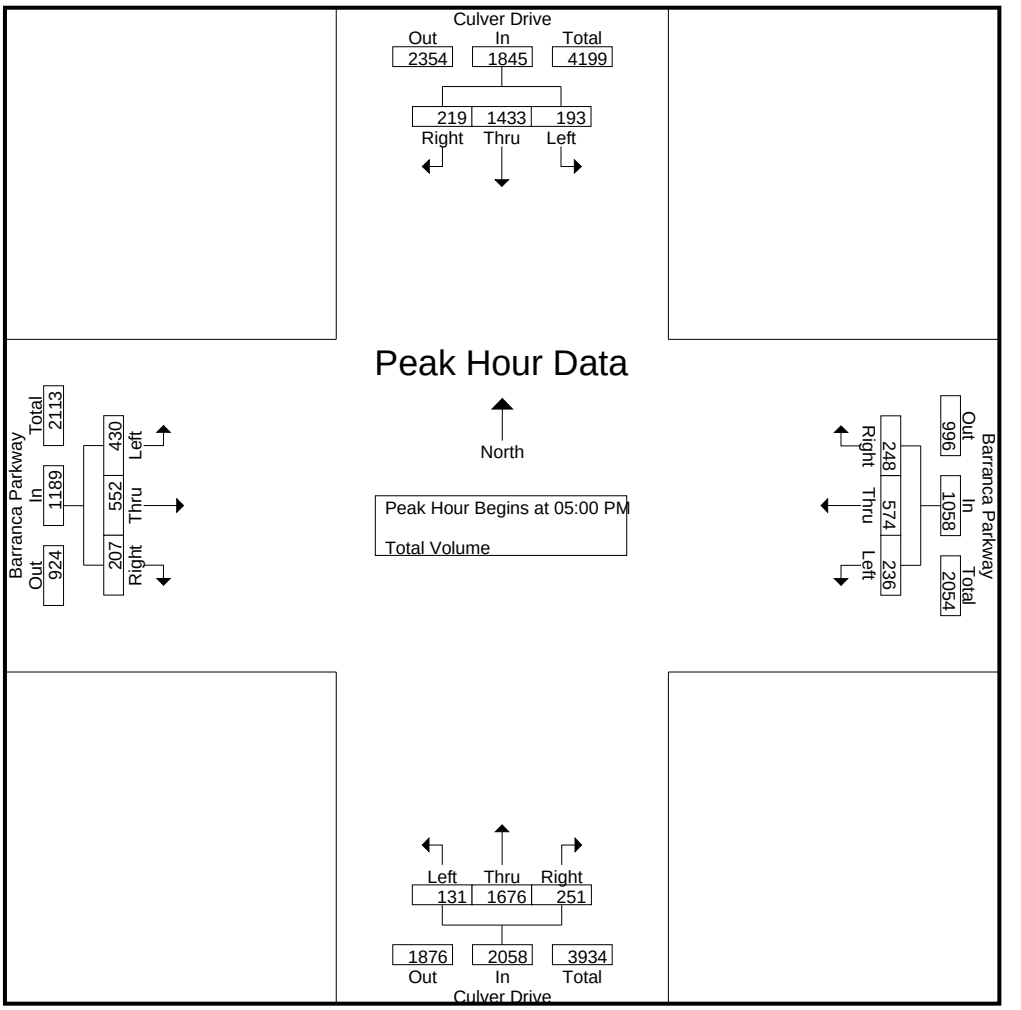

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	62	379	62	503	49	173	72	294	38	382	50	470	87	135	66	288
+15 mins.	47	316	51	414	72	120	52	244	32	465	77	574	109	127	41	277
+30 mins.	33	403	58	494	47	153	66	266	31	382	48	461	111	157	56	324
+45 mins.	71	337	57	465	68	128	58	254	30	447	76	553	123	133	44	300
Total Volume	213	1435	228	1876	236	574	248	1058	131	1676	251	2058	430	552	207	1189
% App. Total	11.4	76.5	12.2		22.3	54.3	23.4		6.4	81.4	12.2		36.2	46.4	17.4	
PHF	.750	.890	.919	.932	.819	.829	.861	.900	.862	.901	.815	.896	.874	.879	.784	.917

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Weather: Clear

File Name : 229_IRV_CULVER_ALT AM
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				Alton Parkway Westbound				Culver Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	212	24	250	10	36	19	65	19	101	12	132	12	34	25	71	518
07:15 AM	28	353	34	415	25	44	17	86	13	163	21	197	12	39	26	77	775
07:30 AM	16	439	44	499	47	66	26	139	23	161	22	206	25	46	33	104	948
07:45 AM	40	569	77	686	36	49	16	101	18	257	52	327	29	73	29	131	1245
Total	98	1573	179	1850	118	195	78	391	73	682	107	862	78	192	113	383	3486
08:00 AM	48	432	64	544	48	101	46	195	18	196	51	265	36	90	31	157	1161
08:15 AM	57	419	85	561	61	124	61	246	19	272	52	343	34	85	32	151	1301
08:30 AM	30	441	103	574	83	143	39	265	34	231	35	300	32	70	33	135	1274
08:45 AM	34	591	91	716	54	97	29	180	26	258	40	324	29	54	21	104	1324
Total	169	1883	343	2395	246	465	175	886	97	957	178	1232	131	299	117	547	5060
Grand Total	267	3456	522	4245	364	660	253	1277	170	1639	285	2094	209	491	230	930	8546
Apprch %	6.3	81.4	12.3		28.5	51.7	19.8		8.1	78.3	13.6		22.5	52.8	24.7		
Total %	3.1	40.4	6.1	49.7	4.3	7.7	3	14.9	2	19.2	3.3	24.5	2.4	5.7	2.7	10.9	

	Culver Drive Southbound				Alton Parkway Westbound				Culver Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	48	432	64	544	48	101	46	195	18	196	51	265	36	90	31	157	1161
08:15 AM	57	419	85	561	61	124	61	246	19	272	52	343	34	85	32	151	1301
08:30 AM	30	441	103	574	83	143	39	265	34	231	35	300	32	70	33	135	1274
08:45 AM	34	591	91	716	54	97	29	180	26	258	40	324	29	54	21	104	1324
Total Volume	169	1883	343	2395	246	465	175	886	97	957	178	1232	131	299	117	547	5060
% App. Total	7.1	78.6	14.3		27.8	52.5	19.8		7.9	77.7	14.4		23.9	54.7	21.4		
PHF	.741	.797	.833	.836	.741	.813	.717	.836	.713	.880	.856	.898	.910	.831	.886	.871	.955

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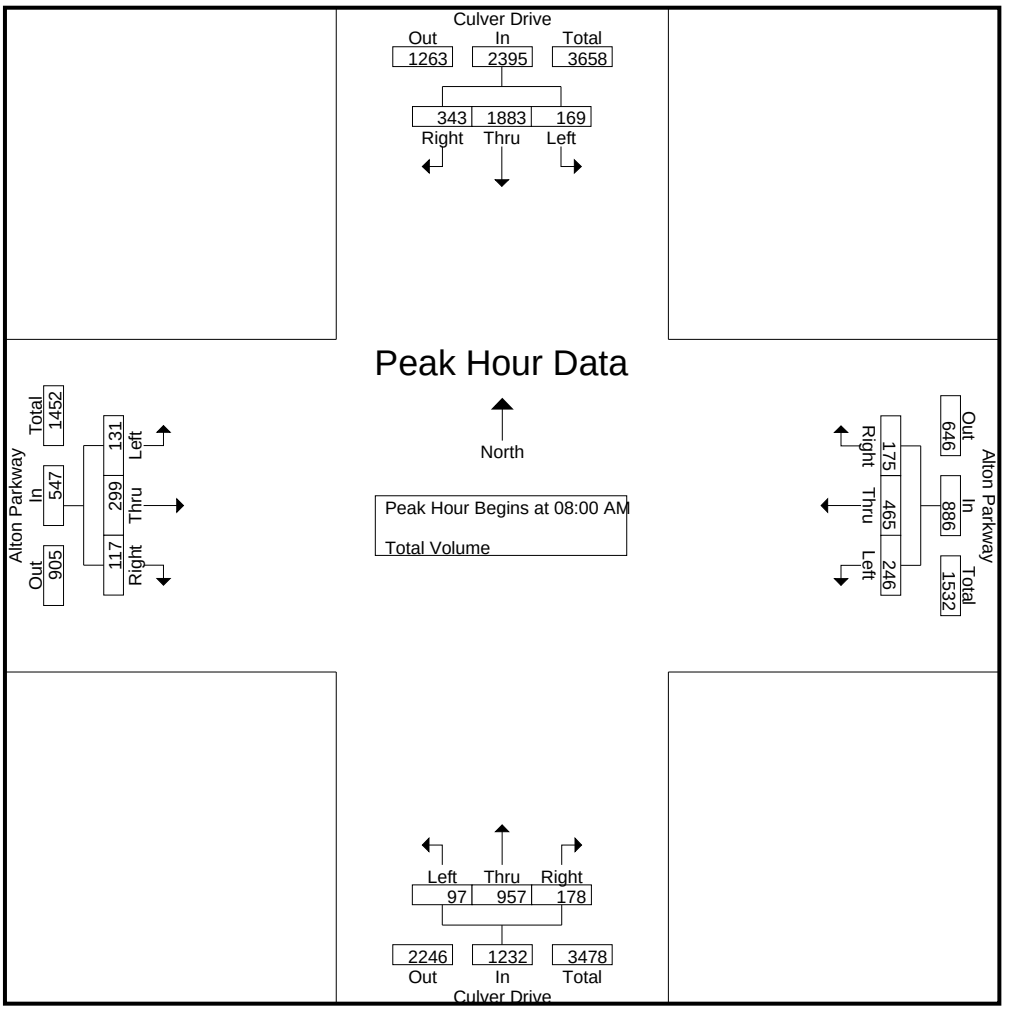
File Name : 229_IRV_CULVER_ALT AM
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	48	432	64	544	48	101	46	195	18	257	52	327	29	73	29	131
+15 mins.	57	419	85	561	61	124	61	246	18	196	51	265	36	90	31	157
+30 mins.	30	441	103	574	83	143	39	265	19	272	52	343	34	85	32	151
+45 mins.	34	591	91	716	54	97	29	180	34	231	35	300	32	70	33	135
Total Volume	169	1883	343	2395	246	465	175	886	89	956	190	1235	131	318	125	574
% App. Total	7.1	78.6	14.3		27.8	52.5	19.8		7.2	77.4	15.4		22.8	55.4	21.8	
PHF	.741	.797	.833	.836	.741	.813	.717	.836	.654	.879	.913	.900	.910	.883	.947	.914

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Groups Printed- Total Volume

	Culver Drive Southbound				Alton Parkway Westbound				Culver Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	46	223	65	334	55	125	53	233	40	407	41	488	53	87	36	176	1231
04:15 PM	42	328	67	437	38	89	72	199	22	441	35	498	50	77	45	172	1306
04:30 PM	49	279	63	391	55	121	50	226	52	477	42	571	45	106	44	195	1383
04:45 PM	56	351	57	464	60	103	50	213	30	449	71	550	43	118	47	208	1435
Total	193	1181	252	1626	208	438	225	871	144	1774	189	2107	191	388	172	751	5355
05:00 PM	63	301	56	420	67	128	58	253	46	469	52	567	41	143	42	226	1466
05:15 PM	65	368	82	515	55	94	47	196	33	497	51	581	58	144	43	245	1537
05:30 PM	60	294	69	423	48	135	63	246	40	460	59	559	50	174	52	276	1504
05:45 PM	73	325	73	471	61	115	45	221	26	474	67	567	55	107	52	214	1473
Total	261	1288	280	1829	231	472	213	916	145	1900	229	2274	204	568	189	961	5980
Grand Total	454	2469	532	3455	439	910	438	1787	289	3674	418	4381	395	956	361	1712	11335
Apprch %	13.1	71.5	15.4		24.6	50.9	24.5		6.6	83.9	9.5		23.1	55.8	21.1		
Total %	4	21.8	4.7	30.5	3.9	8	3.9	15.8	2.5	32.4	3.7	38.7	3.5	8.4	3.2	15.1	

	Culver Drive Southbound				Alton Parkway Westbound				Culver Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	63	301	56	420	67	128	58	253	46	469	52	567	41	143	42	226	1466
05:15 PM	65	368	82	515	55	94	47	196	33	497	51	581	58	144	43	245	1537
05:30 PM	60	294	69	423	48	135	63	246	40	460	59	559	50	174	52	276	1504
05:45 PM	73	325	73	471	61	115	45	221	26	474	67	567	55	107	52	214	1473
Total Volume	261	1288	280	1829	231	472	213	916	145	1900	229	2274	204	568	189	961	5980
% App. Total	14.3	70.4	15.3		25.2	51.5	23.3		6.4	83.6	10.1		21.2	59.1	19.7		
PHF	.894	.875	.854	.888	.862	.874	.845	.905	.788	.956	.854	.978	.879	.816	.909	.870	.973

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City of Irvine
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Weather: Clear

File Name : 229_IRV_CULVER_ALT PM
Site Code : 05124139
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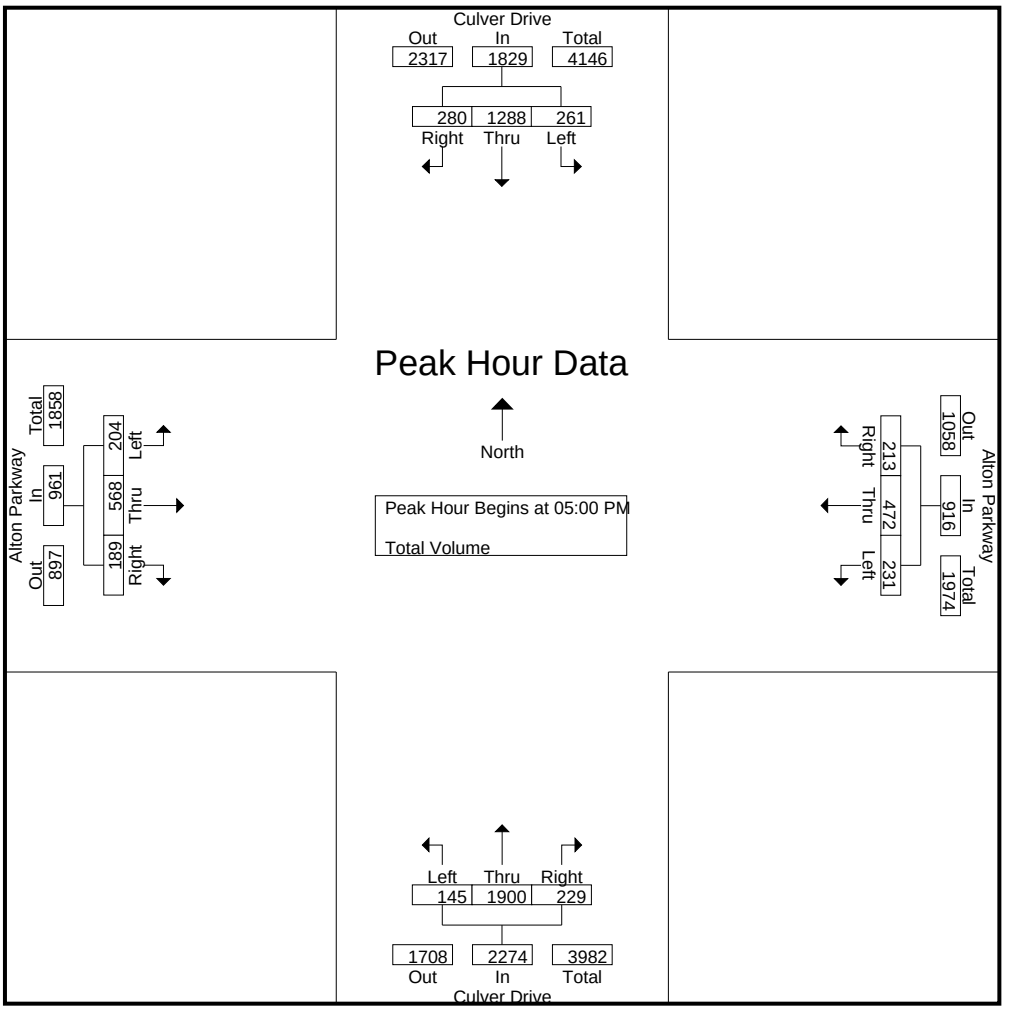

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	63	301	56	420	67	128	58	253	46	469	52	567	41	143	42	226
+15 mins.	65	368	82	515	55	94	47	196	33	497	51	581	58	144	43	245
+30 mins.	60	294	69	423	48	135	63	246	40	460	59	559	50	174	52	276
+45 mins.	73	325	73	471	61	115	45	221	26	474	67	567	55	107	52	214
Total Volume	261	1288	280	1829	231	472	213	916	145	1900	229	2274	204	568	189	961
% App. Total	14.3	70.4	15.3		25.2	51.5	23.3		6.4	83.6	10.1		21.2	59.1	19.7	
PHF	.894	.875	.854	.888	.862	.874	.845	.905	.788	.956	.854	.978	.879	.816	.909	.870

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City of Irvine
N/S: Culver Drive
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 232_IRV_Cul_405N AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				I-405 Northbound Ramps Westbound				Culver Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	158	170	328	86	0	38	124	0	136	99	235	0	0	0	0	687
07:15 AM	0	258	208	466	108	0	57	165	0	167	130	297	0	0	0	0	928
07:30 AM	0	383	310	693	113	0	41	154	0	239	159	398	0	0	0	0	1245
07:45 AM	0	387	294	681	112	0	49	161	0	285	157	442	0	0	0	0	1284
Total	0	1186	982	2168	419	0	185	604	0	827	545	1372	0	0	0	0	4144
08:00 AM	0	431	330	761	142	0	47	189	0	359	174	533	0	0	0	0	1483
08:15 AM	0	411	343	754	139	0	28	167	0	299	144	443	0	0	0	0	1364
08:30 AM	0	415	293	708	104	0	29	133	0	379	179	558	0	0	0	0	1399
08:45 AM	0	427	307	734	124	0	34	158	0	314	121	435	0	0	0	0	1327
Total	0	1684	1273	2957	509	0	138	647	0	1351	618	1969	0	0	0	0	5573
Grand Total	0	2870	2255	5125	928	0	323	1251	0	2178	1163	3341	0	0	0	0	9717
Apprch %	0	56	44		74.2	0	25.8		0	65.2	34.8		0	0	0		
Total %	0	29.5	23.2	52.7	9.6	0	3.3	12.9	0	22.4	12	34.4	0	0	0	0	

	Culver Drive Southbound				I-405 Northbound Ramps Westbound				Culver Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	**431**	330	**761**	**142**	0	**47**	**189**	0	359	174	533	0	0	0	0	**1483**
08:15 AM	0	411	**343**	754	139	0	28	167	0	299	144	443	0	0	0	0	1364
08:30 AM	0	415	293	708	104	0	29	133	0	**379**	**179**	**558**	0	0	0	0	1399
08:45 AM	0	427	307	734	124	0	34	158	0	314	121	435	0	0	0	0	1327
Total Volume	0	1684	1273	2957	509	0	138	647	0	1351	618	1969	0	0	0	0	5573
% App. Total	0	56.9	43.1		78.7	0	21.3		0	68.6	31.4		0	0	0		
PHF	.000	.977	.928	.971	.896	.000	.734	.856	.000	.891	.863	.882	.000	.000	.000	.000	.939

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City of Irvine
N/S: Culver Drive
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 232_IRV_Cul_405N AM1
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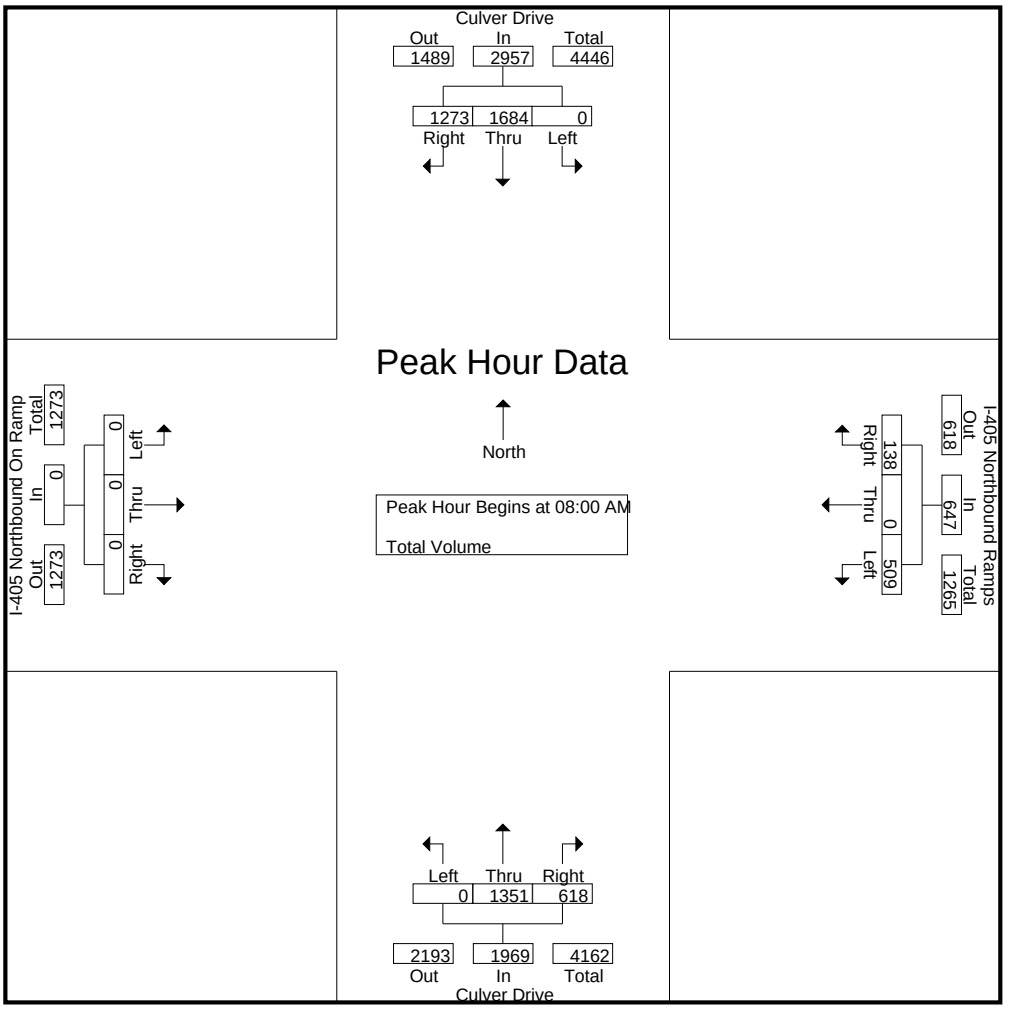

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				07:45 AM				07:00 AM			
+0 mins.	0	**431**	330	**761**	113	0	41	154	0	285	157	442	0	0	0	0
+15 mins.	0	411	**343**	754	112	0	**49**	161	0	359	174	533	0	0	0	0
+30 mins.	0	415	293	708	**142**	0	47	**189**	0	299	144	443	0	0	0	0
+45 mins.	0	427	307	734	139	0	28	167	0	**379**	**179**	**558**	0	0	0	0
Total Volume	0	1684	1273	2957	506	0	165	671	0	1322	654	1976	0	0	0	0
% App. Total	0	56.9	43.1		75.4	0	24.6		0	66.9	33.1		0	0	0	
PHF	.000	.977	.928	.971	.891	.000	.842	.888	.000	.872	.913	.885	.000	.000	.000	.000

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City of Irvine
N/S: Culver Drive
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 232_IRV_Cul_405N PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				I-405 Northbound Ramps Westbound				Culver Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	237	149	386	63	0	61	124	0	544	118	662	0	0	0	0	1172
04:15 PM	0	279	151	430	75	0	61	136	0	554	110	664	0	0	0	0	1230
04:30 PM	0	266	162	428	59	0	51	110	0	596	101	697	0	0	0	0	1235
04:45 PM	0	295	171	466	65	0	69	134	0	590	100	690	0	0	0	0	1290
Total	0	1077	633	1710	262	0	242	504	0	2284	429	2713	0	0	0	0	4927
05:00 PM	0	288	152	440	71	0	53	124	0	623	100	723	0	0	0	0	1287
05:15 PM	0	306	185	491	72	0	62	134	0	602	83	685	0	0	0	0	1310
05:30 PM	0	290	143	433	84	0	70	154	0	645	81	726	0	0	0	0	1313
05:45 PM	0	325	146	471	76	0	76	152	0	560	58	618	0	0	0	0	1241
Total	0	1209	626	1835	303	0	261	564	0	2430	322	2752	0	0	0	0	5151
Grand Total	0	2286	1259	3545	565	0	503	1068	0	4714	751	5465	0	0	0	0	10078
Apprch %	0	64.5	35.5		52.9	0	47.1		0	86.3	13.7		0	0	0		
Total %	0	22.7	12.5	35.2	5.6	0	5	10.6	0	46.8	7.5	54.2	0	0	0	0	

	Culver Drive Southbound				I-405 Northbound Ramps Westbound				Culver Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	295	171	466	65	0	69	134	0	590	**100**	690	0	0	0	0	1290
05:00 PM	0	288	152	440	71	0	53	124	0	623	100	723	0	0	0	0	1287
05:15 PM	0	**306**	**185**	**491**	72	0	62	134	0	602	83	685	0	0	0	0	1310
05:30 PM	0	290	143	433	**84**	0	**70**	**154**	0	**645**	81	**726**	0	0	0	0	**1313**
Total Volume	0	1179	651	1830	292	0	254	546	0	2460	364	2824	0	0	0	0	5200
% App. Total	0	64.4	35.6		53.5	0	46.5		0	87.1	12.9		0	0	0		
PHF	.000	.963	.880	.932	.869	.000	.907	.886	.000	.953	.910	.972	.000	.000	.000	.000	.990

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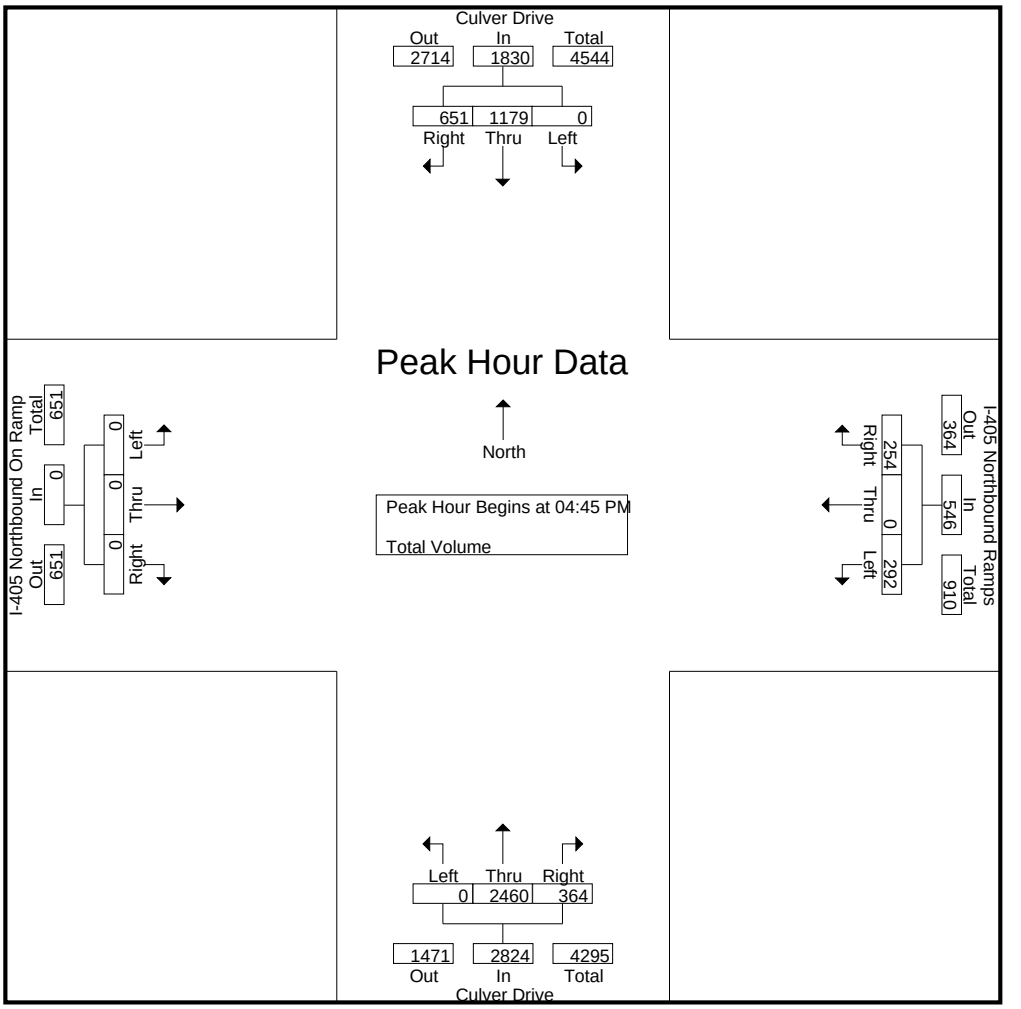
Weather: Clear

File Name : 232_IRV_Cul_405N PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:45 PM				04:00 PM			
+0 mins.	0	288	152	440	71	0	53	124	0	590	**100**	690	0	0	0	0
+15 mins.	0	306	**185**	**491**	72	0	62	134	0	623	100	723	0	0	0	0
+30 mins.	0	290	143	433	**84**	0	70	**154**	0	602	83	685	0	0	0	0
+45 mins.	0	**325**	146	471	76	0	**76**	152	0	**645**	81	**726**	0	0	0	0
Total Volume	0	1209	626	1835	303	0	261	564	0	2460	364	2824	0	0	0	0
% App. Total	0	65.9	34.1		53.7	0	46.3		0	87.1	12.9		0	0	0	
PHF	.000	.930	.846	.934	.902	.000	.859	.916	.000	.953	.910	.972	.000	.000	.000	.000

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City of Irvine
N/S: Culver Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 233_IRV_CULVER_405S AM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				I-405 Southbound On Ramp Westbound				Culver Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	199	56	255	0	0	0	0	0	147	44	191	90	0	87	177	623
07:15 AM	0	279	71	350	0	0	0	0	0	193	56	249	100	0	110	210	809
07:30 AM	0	380	113	493	0	0	0	0	0	251	69	320	139	0	131	270	1083
07:45 AM	0	453	86	539	0	0	0	0	0	273	72	345	179	0	156	335	1219
Total	0	1311	326	1637	0	0	0	0	0	864	241	1105	508	0	484	992	3734
08:00 AM	0	485	96	581	0	0	0	0	0	372	56	428	143	0	131	274	1283
08:15 AM	0	516	94	610	0	0	0	0	0	330	80	410	144	0	106	250	1270
08:30 AM	0	424	102	526	0	0	0	0	0	362	86	448	155	0	147	302	1276
08:45 AM	0	507	87	594	0	0	0	0	0	290	63	353	130	0	123	253	1200
Total	0	1932	379	2311	0	0	0	0	0	1354	285	1639	572	0	507	1079	5029
Grand Total	0	3243	705	3948	0	0	0	0	0	2218	526	2744	1080	0	991	2071	8763
Apprch %	0	82.1	17.9		0	0	0		0	80.8	19.2		52.1	0	47.9		
Total %	0	37	8	45.1	0	0	0	0	0	25.3	6	31.3	12.3	0	11.3	23.6	

	Culver Drive Southbound				I-405 Southbound On Ramp Westbound				Culver Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	453	86	539	0	0	0	0	0	273	72	345	179	0	156	335	1219
08:00 AM	0	485	96	581	0	0	0	0	0	372	56	428	143	0	131	274	1283
08:15 AM	0	516	94	610	0	0	0	0	0	330	80	410	144	0	106	250	1270
08:30 AM	0	424	102	526	0	0	0	0	0	362	86	448	155	0	147	302	1276
Total Volume	0	1878	378	2256	0	0	0	0	0	1337	294	1631	621	0	540	1161	5048
% App. Total	0	83.2	16.8		0	0	0		0	82	18		53.5	0	46.5		
PHF	.000	.910	.926	.925	.000	.000	.000	.000	.000	.899	.855	.910	.867	.000	.865	.866	.984

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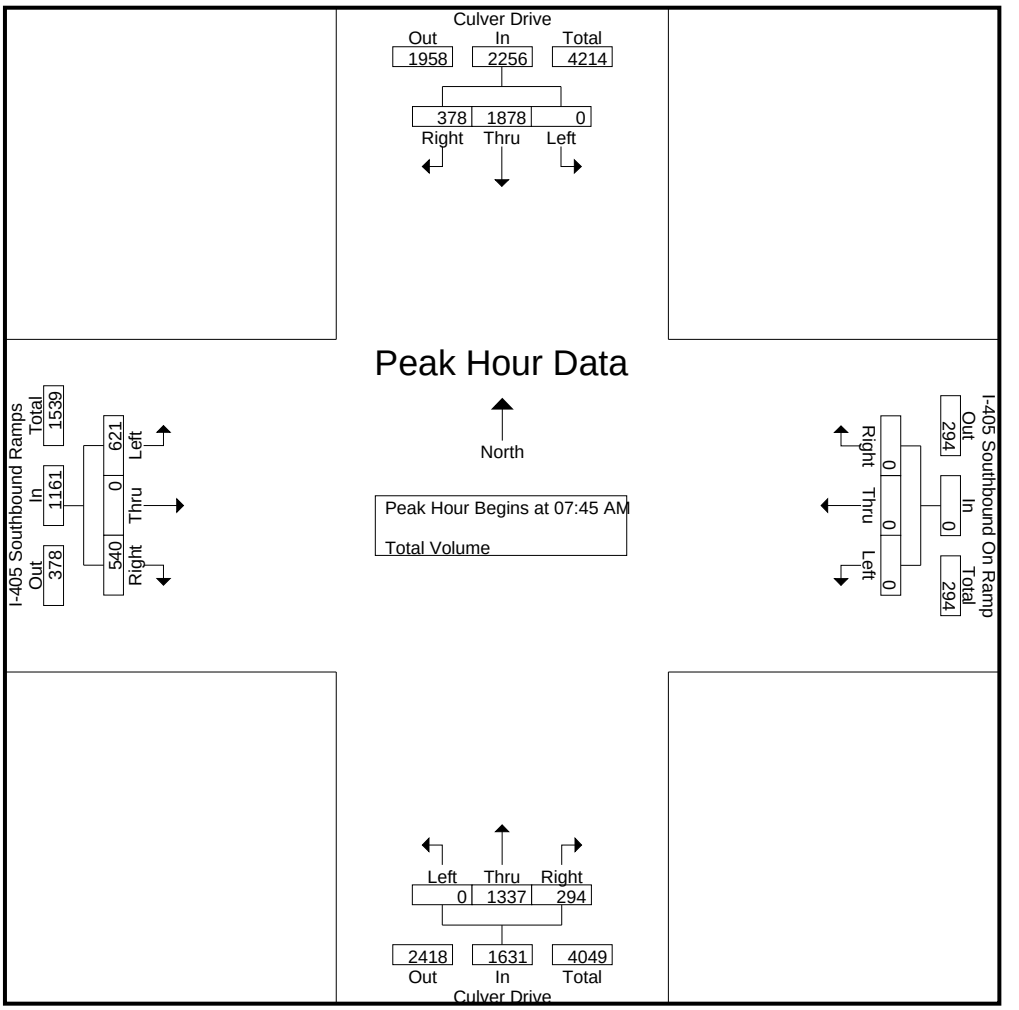
Weather: Clear

File Name : 233_IRV_CULVER_405S AM
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				08:00 AM				07:45 AM			
+0 mins.	0	485	96	581	0	0	0	0	0	372	56	428	179	0	156	335
+15 mins.	0	516	94	610	0	0	0	0	0	330	80	410	143	0	131	274
+30 mins.	0	424	102	526	0	0	0	0	0	362	86	448	144	0	106	250
+45 mins.	0	507	87	594	0	0	0	0	0	290	63	353	155	0	147	302
Total Volume	0	1932	379	2311	0	0	0	0	0	1354	285	1639	621	0	540	1161
% App. Total	0	83.6	16.4		0	0	0		0	82.6	17.4		53.5	0	46.5	
PHF	.000	.936	.929	.947	.000	.000	.000	.000	.000	.910	.828	.915	.867	.000	.865	.866

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City of Irvine
N/S: Culver Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 233_IRV_CULVER_405S PM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				I-405 Southbound On Ramp Westbound				Culver Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	267	49	316	0	0	0	0	0	409	86	495	269	0	149	418	1229
04:15 PM	0	290	67	357	0	0	0	0	0	400	90	490	293	0	175	468	1315
04:30 PM	0	287	49	336	0	0	0	0	0	451	73	524	299	0	137	436	1296
04:45 PM	0	349	32	381	0	0	0	0	0	430	84	514	307	0	143	450	1345
Total	0	1193	197	1390	0	0	0	0	0	1690	333	2023	1168	0	604	1772	5185
05:00 PM	0	322	53	375	0	0	0	0	0	416	116	532	298	0	185	483	1390
05:15 PM	0	331	54	385	0	0	0	0	0	401	157	558	263	0	144	407	1350
05:30 PM	0	377	38	415	0	0	0	0	0	433	122	555	295	0	116	411	1381
05:45 PM	0	362	42	404	0	0	0	0	0	342	101	443	270	0	133	403	1250
Total	0	1392	187	1579	0	0	0	0	0	1592	496	2088	1126	0	578	1704	5371
Grand Total	0	2585	384	2969	0	0	0	0	0	3282	829	4111	2294	0	1182	3476	10556
Apprch %	0	87.1	12.9		0	0	0		0	79.8	20.2		66	0	34		
Total %	0	24.5	3.6	28.1	0	0	0	0	0	31.1	7.9	38.9	21.7	0	11.2	32.9	

	Culver Drive Southbound				I-405 Southbound On Ramp Westbound				Culver Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	349	32	381	0	0	0	0	0	430	84	514	307	0	143	450	1345
05:00 PM	0	322	53	375	0	0	0	0	0	416	116	532	298	0	185	483	1390
05:15 PM	0	331	54	385	0	0	0	0	0	401	157	558	263	0	144	407	1350
05:30 PM	0	377	38	415	0	0	0	0	0	433	122	555	295	0	116	411	1381
Total Volume	0	1379	177	1556	0	0	0	0	0	1680	479	2159	1163	0	588	1751	5466
% App. Total	0	88.6	11.4		0	0	0		0	77.8	22.2		66.4	0	33.6		
PHF	.000	.914	.819	.937	.000	.000	.000	.000	.000	.970	.763	.967	.947	.000	.795	.906	.983

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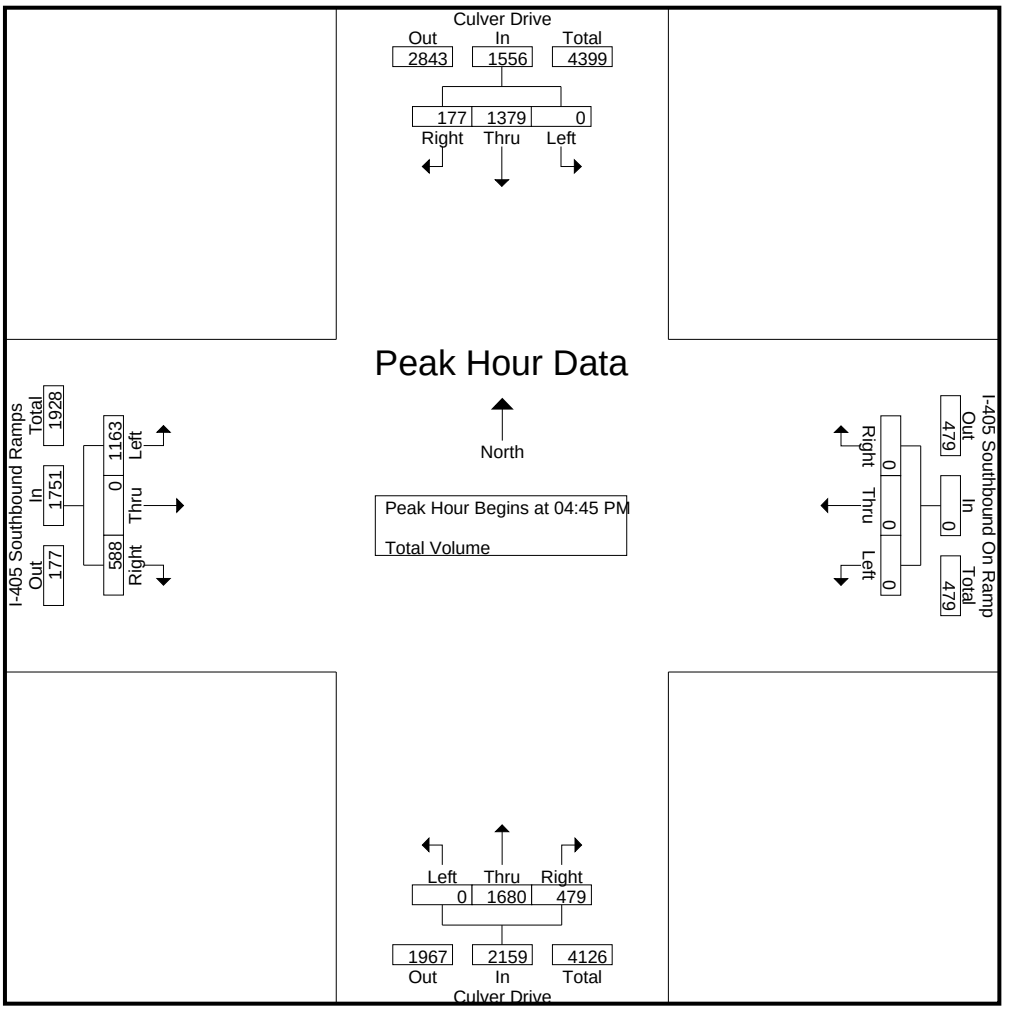
City of Irvine
N/S: Culver Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 233_IRV_CULVER_405S PM
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				04:45 PM				04:15 PM			
+0 mins.	0	322	53	375	0	0	0	0	0	430	84	514	293	0	175	468
+15 mins.	0	331	54	385	0	0	0	0	0	416	116	532	299	0	137	436
+30 mins.	0	377	38	415	0	0	0	0	0	401	157	558	307	0	143	450
+45 mins.	0	362	42	404	0	0	0	0	0	433	122	555	298	0	185	483
Total Volume	0	1392	187	1579	0	0	0	0	0	1680	479	2159	1197	0	640	1837
% App. Total	0	88.2	11.8		0	0	0		0	77.8	22.2		65.2	0	34.8	
PHF	.000	.923	.866	.951	.000	.000	.000	.000	.000	.970	.763	.967	.975	.000	.865	.951

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City of Irvine
N/S: Culver Drive
E/W: University Drive
Weather: Clear

File Name : 235_IRV_CULVER_UNI AM
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Culver Drive Southbound				University Drive Westbound				Culver Drive Northbound				University Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	171	34	207	70	91	4	165	2	90	61	153	5	41	4	50	575
07:15 AM	1	196	43	240	108	165	2	275	6	109	65	180	16	51	8	75	770
07:30 AM	7	330	67	404	177	211	2	390	6	170	102	278	14	71	10	95	1167
07:45 AM	5	347	80	432	181	298	13	492	9	223	147	379	14	120	10	144	1447
Total	15	1044	224	1283	536	765	21	1322	23	592	375	990	49	283	32	364	3959
08:00 AM	4	351	87	442	202	238	13	453	10	286	174	470	12	83	16	111	1476
08:15 AM	7	313	61	381	174	292	16	482	22	266	204	492	22	125	19	166	1521
08:30 AM	8	302	81	391	159	283	14	456	10	315	217	542	17	114	8	139	1528
08:45 AM	13	246	73	332	184	318	29	531	7	176	119	302	24	115	10	149	1314
Total	32	1212	302	1546	719	1131	72	1922	49	1043	714	1806	75	437	53	565	5839
Grand Total	47	2256	526	2829	1255	1896	93	3244	72	1635	1089	2796	124	720	85	929	9798
Apprch %	1.7	79.7	18.6		38.7	58.4	2.9		2.6	58.5	38.9		13.3	77.5	9.1		
Total %	0.5	23	5.4	28.9	12.8	19.4	0.9	33.1	0.7	16.7	11.1	28.5	1.3	7.3	0.9	9.5	

	Culver Drive Southbound				University Drive Westbound				Culver Drive Northbound				University Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	5	347	80	432	181	298	13	492	9	223	147	379	14	120	10	144	1447
08:00 AM	4	351	87	442	202	238	13	453	10	286	174	470	12	83	16	111	1476
08:15 AM	7	313	61	381	174	292	16	482	22	266	204	492	22	125	19	166	1521
08:30 AM	8	302	81	391	159	283	14	456	10	315	217	542	17	114	8	139	1528
Total Volume	24	1313	309	1646	716	1111	56	1883	51	1090	742	1883	65	442	53	560	5972
% App. Total	1.5	79.8	18.8		38	59	3		2.7	57.9	39.4		11.6	78.9	9.5		
PHF	.750	.935	.888	.931	.886	.932	.875	.957	.580	.865	.855	.869	.739	.884	.697	.843	.977

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City of Irvine
N/S: Culver Drive
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Weather: Clear

File Name : 235_IRV_CULVER_UNI AM
Site Code : 05124139
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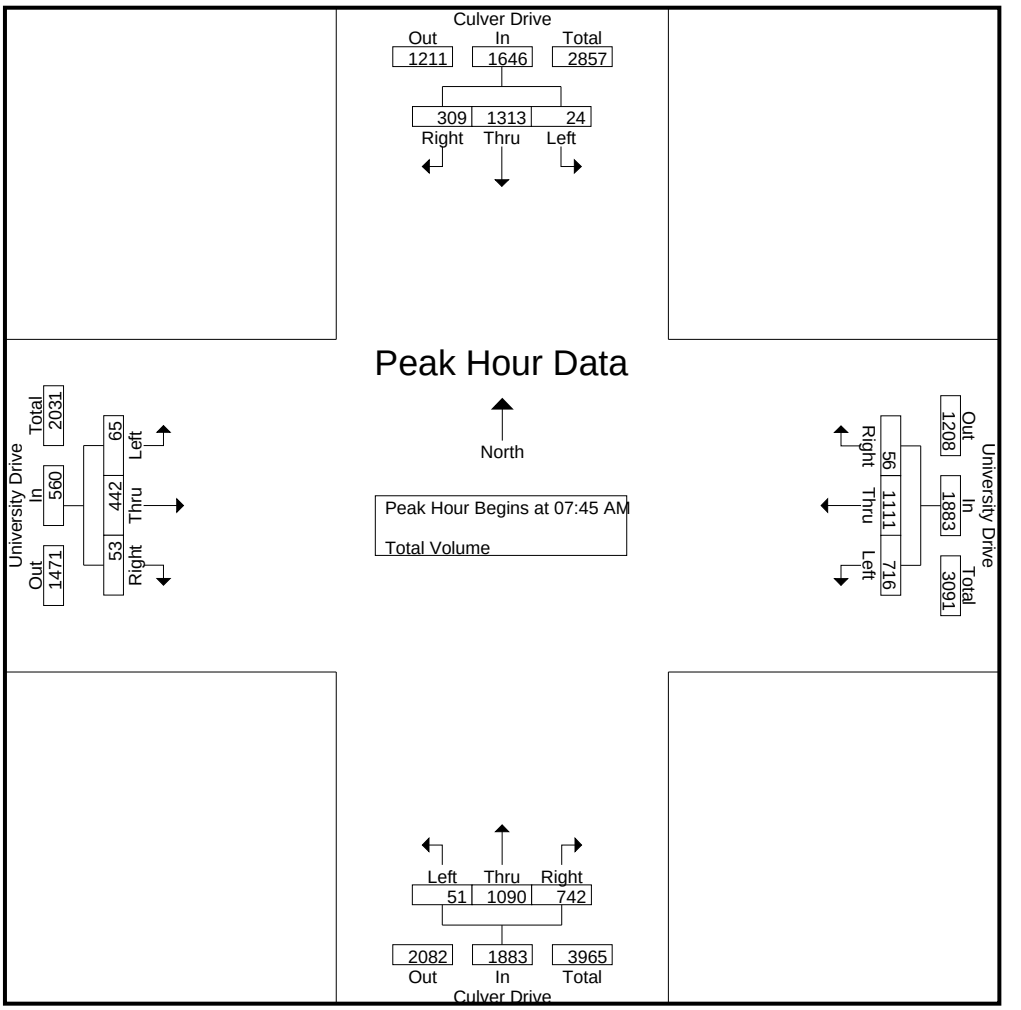

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	7	330	67	404	202	238	13	453	9	223	147	379	12	83	16	111
+15 mins.	5	347	80	432	174	292	16	482	10	286	174	470	22	125	19	166
+30 mins.	4	351	87	442	159	283	14	456	22	266	204	492	17	114	8	139
+45 mins.	7	313	61	381	184	318	29	531	10	315	217	542	24	115	10	149
Total Volume	23	1341	295	1659	719	1131	72	1922	51	1090	742	1883	75	437	53	565
% App. Total	1.4	80.8	17.8		37.4	58.8	3.7		2.7	57.9	39.4		13.3	77.3	9.4	
PHF	.821	.955	.848	.938	.890	.889	.621	.905	.580	.865	.855	.869	.781	.874	.697	.851

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City of Irvine
N/S: Culver Drive
E/W: University Drive
Weather: Clear

File Name : 235_IRV_CULVER_UNI PM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Culver Drive Southbound				University Drive Westbound				Culver Drive Northbound				University Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	16	228	21	265	125	106	17	248	18	291	185	494	57	198	16	271	1278
04:15 PM	6	203	28	237	119	148	16	283	11	251	179	441	46	226	11	283	1244
04:30 PM	24	270	43	337	138	154	10	302	8	279	176	463	67	241	10	318	1420
04:45 PM	11	241	49	301	166	185	5	356	6	282	185	473	57	262	9	328	1458
Total	57	942	141	1140	548	593	48	1189	43	1103	725	1871	227	927	46	1200	5400
05:00 PM	15	282	32	329	117	121	12	250	7	313	210	530	68	271	9	348	1457
05:15 PM	18	222	25	265	146	141	14	301	16	322	229	567	77	279	11	367	1500
05:30 PM	16	251	44	311	139	104	8	251	10	277	185	472	63	314	17	394	1428
05:45 PM	16	215	43	274	171	190	8	369	18	218	189	425	33	252	21	306	1374
Total	65	970	144	1179	573	556	42	1171	51	1130	813	1994	241	1116	58	1415	5759
Grand Total	122	1912	285	2319	1121	1149	90	2360	94	2233	1538	3865	468	2043	104	2615	11159
Apprch %	5.3	82.4	12.3		47.5	48.7	3.8		2.4	57.8	39.8		17.9	78.1	4		
Total %	1.1	17.1	2.6	20.8	10	10.3	0.8	21.1	0.8	20	13.8	34.6	4.2	18.3	0.9	23.4	

	Culver Drive Southbound				University Drive Westbound				Culver Drive Northbound				University Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	11	241	49	301	166	185	5	356	6	282	185	473	57	262	9	328	1458
05:00 PM	15	282	32	329	117	121	12	250	7	313	210	530	68	271	9	348	1457
05:15 PM	18	222	25	265	146	141	14	301	16	322	229	567	77	279	11	367	1500
05:30 PM	16	251	44	311	139	104	8	251	10	277	185	472	63	314	17	394	1428
Total Volume	60	996	150	1206	568	551	39	1158	39	1194	809	2042	265	1126	46	1437	5843
% App. Total	5	82.6	12.4		49.1	47.6	3.4		1.9	58.5	39.6		18.4	78.4	3.2		
PHF	.833	.883	.765	.916	.855	.745	.696	.813	.609	.927	.883	.900	.860	.896	.676	.912	.974

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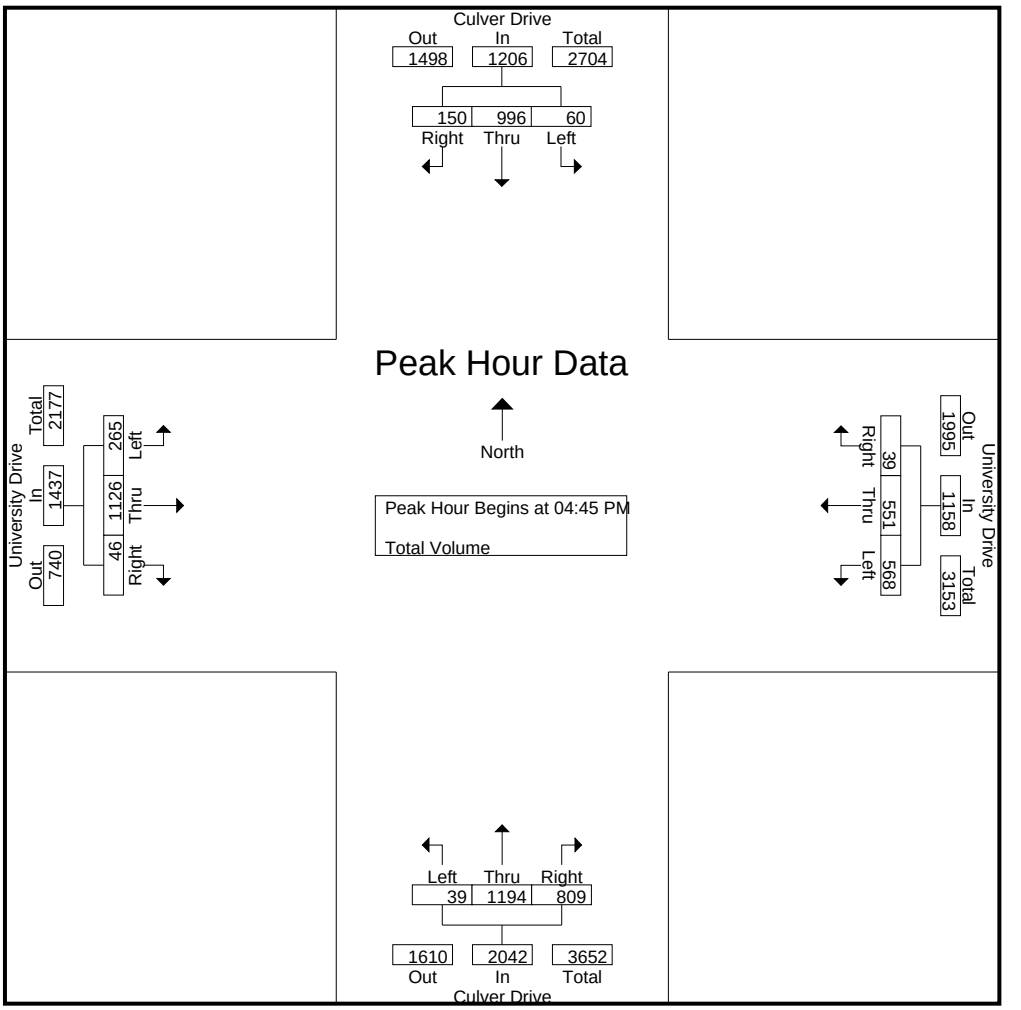
City of Irvine
N/S: Culver Drive
E/W: University Drive
Weather: Clear

File Name : 235_IRV_CULVER_UNI PM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:45 PM				04:45 PM			
+0 mins.	24	270	43	337	138	154	10	302	6	282	185	473	57	262	9	328
+15 mins.	11	241	49	301	166	185	5	356	7	313	210	530	68	271	9	348
+30 mins.	15	282	32	329	117	121	12	250	16	322	229	567	77	279	11	367
+45 mins.	18	222	25	265	146	141	14	301	10	277	185	472	63	314	17	394
Total Volume	68	1015	149	1232	567	601	41	1209	39	1194	809	2042	265	1126	46	1437
% App. Total	5.5	82.4	12.1		46.9	49.7	3.4		1.9	58.5	39.6		18.4	78.4	3.2	
PHF	.708	.900	.760	.914	.854	.812	.732	.849	.609	.927	.883	.900	.860	.896	.676	.912

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City of Irvine
N/S: Yale Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 249_IRV_Yale_IrB AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Irvine Boulevard Westbound				Yale Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	28	18	39	85	7	104	11	122	8	19	6	33	11	74	8	93	333
07:15 AM	34	12	45	91	12	145	13	170	13	19	12	44	16	127	16	159	464
07:30 AM	48	51	65	164	81	233	23	337	12	30	24	66	17	127	15	159	726
07:45 AM	63	99	71	233	57	310	73	440	14	82	37	133	33	116	17	166	972
Total	173	180	220	573	157	792	120	1069	47	150	79	276	77	444	56	577	2495
08:00 AM	122	79	68	269	62	266	74	402	23	84	54	161	38	107	35	180	1012
08:15 AM	64	83	64	211	28	248	27	303	21	42	30	93	22	168	18	208	815
08:30 AM	46	58	38	142	13	265	29	307	21	22	22	65	20	135	29	184	698
08:45 AM	68	35	51	154	21	250	24	295	23	27	19	69	19	185	32	236	754
Total	300	255	221	776	124	1029	154	1307	88	175	125	388	99	595	114	808	3279
Grand Total	473	435	441	1349	281	1821	274	2376	135	325	204	664	176	1039	170	1385	5774
Apprch %	35.1	32.2	32.7		11.8	76.6	11.5		20.3	48.9	30.7		12.7	75	12.3		
Total %	8.2	7.5	7.6	23.4	4.9	31.5	4.7	41.1	2.3	5.6	3.5	11.5	3	18	2.9	24	

	Yale Avenue Southbound				Irvine Boulevard Westbound				Yale Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	48	51	65	164	**81**	233	23	337	12	30	24	66	17	127	15	159	726
07:45 AM	63	**99**	**71**	233	57	**310**	73	**440**	14	82	37	133	33	116	17	166	972
08:00 AM	**122**	79	68	**269**	62	266	**74**	402	**23**	**84**	**54**	**161**	**38**	107	**35**	180	**1012**
08:15 AM	64	83	64	211	28	248	27	303	21	42	30	93	22	**168**	18	**208**	815
Total Volume	297	312	268	877	228	1057	197	1482	70	238	145	453	110	518	85	713	3525
% App. Total	33.9	35.6	30.6		15.4	71.3	13.3		15.5	52.5	32		15.4	72.7	11.9		
PHF	.609	.788	.944	.815	.704	.852	.666	.842	.761	.708	.671	.703	.724	.771	.607	.857	.871

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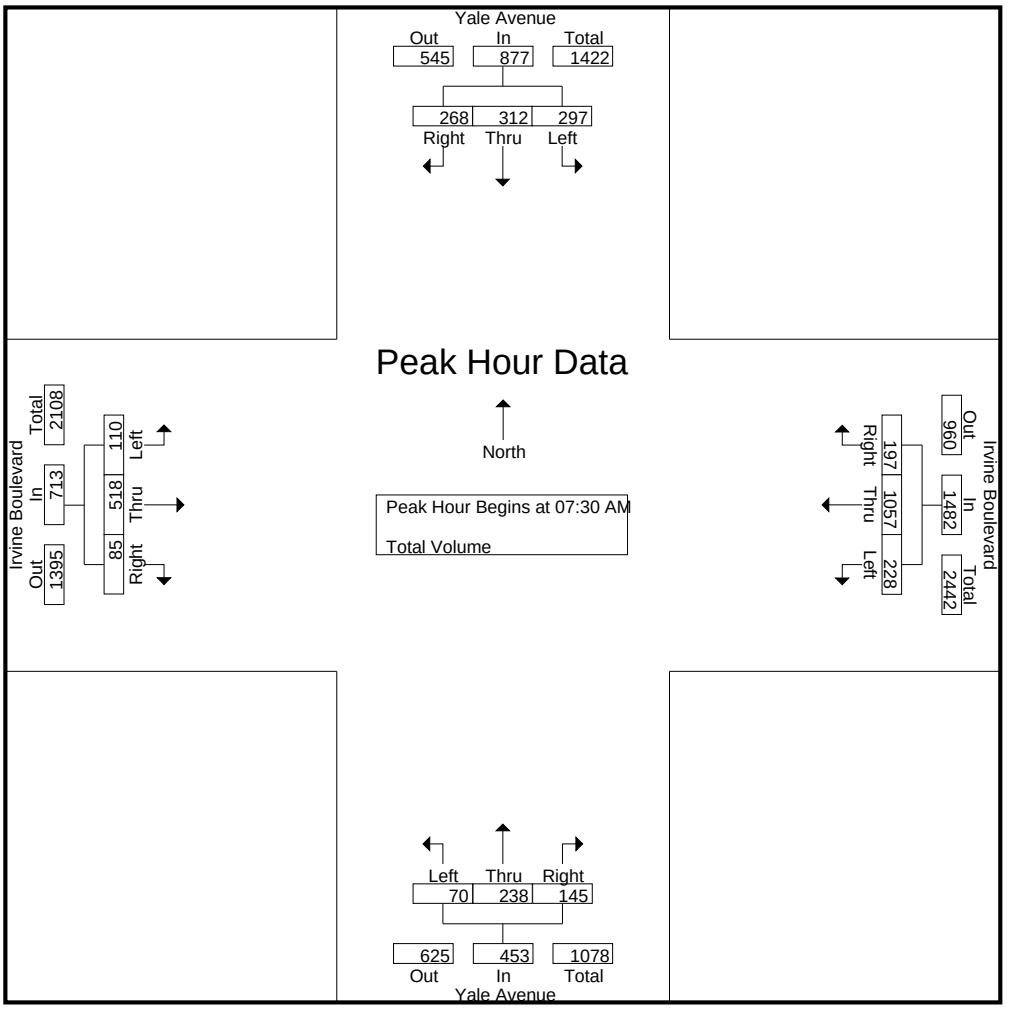
City of Irvine
N/S: Yale Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 249_IRV_Yale_IrB AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				08:00 AM			
+0 mins.	48	51	65	164	**81**	233	23	337	12	30	24	66	**38**	107	**35**	180
+15 mins.	63	**99**	**71**	233	57	**310**	73	**440**	14	82	37	133	22	168	18	208
+30 mins.	**122**	79	68	**269**	62	266	**74**	402	**23**	**84**	**54**	**161**	20	135	29	184
+45 mins.	64	83	64	211	28	248	27	303	21	42	30	93	19	**185**	32	**236**
Total Volume	297	312	268	877	228	1057	197	1482	70	238	145	453	99	595	114	808
% App. Total	33.9	35.6	30.6		15.4	71.3	13.3		15.5	52.5	32		12.3	73.6	14.1	
PHF	.609	.788	.944	.815	.704	.852	.666	.842	.761	.708	.671	.703	.651	.804	.814	.856

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City of Irvine
N/S: Yale Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 249_IRV_Yale_IrB PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Irvine Boulevard Westbound				Yale Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	45	55	25	125	33	315	45	393	39	55	21	115	36	185	27	248	881
04:15 PM	68	34	27	129	12	362	38	412	30	43	28	101	44	254	12	310	952
04:30 PM	36	42	41	119	36	361	50	447	47	45	24	116	31	207	12	250	932
04:45 PM	33	38	30	101	17	349	54	420	22	34	29	85	42	258	29	329	935
Total	182	169	123	474	98	1387	187	1672	138	177	102	417	153	904	80	1137	3700
05:00 PM	33	29	26	88	16	297	54	367	42	57	24	123	51	194	22	267	845
05:15 PM	55	33	31	119	23	360	72	455	38	39	30	107	56	317	33	406	1087
05:30 PM	45	45	35	125	27	299	52	378	56	74	27	157	42	248	22	312	972
05:45 PM	36	19	25	80	21	285	56	362	31	55	30	116	57	259	26	342	900
Total	169	126	117	412	87	1241	234	1562	167	225	111	503	206	1018	103	1327	3804
Grand Total	351	295	240	886	185	2628	421	3234	305	402	213	920	359	1922	183	2464	7504
Apprch %	39.6	33.3	27.1		5.7	81.3	13		33.2	43.7	23.2		14.6	78	7.4		
Total %	4.7	3.9	3.2	11.8	2.5	35	5.6	43.1	4.1	5.4	2.8	12.3	4.8	25.6	2.4	32.8	

	Yale Avenue Southbound				Irvine Boulevard Westbound				Yale Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	33	38	30	101	17	349	54	420	22	34	29	85	42	258	29	329	935
05:00 PM	33	29	26	88	16	297	54	367	42	57	24	123	51	194	22	267	845
05:15 PM	**55**	33	31	119	23	**360**	**72**	**455**	38	39	**30**	107	**56**	**317**	**33**	**406**	**1087**
05:30 PM	45	**45**	**35**	**125**	**27**	299	52	378	**56**	**74**	27	**157**	42	248	22	312	972
Total Volume	166	145	122	433	83	1305	232	1620	158	204	110	472	191	1017	106	1314	3839
% App. Total	38.3	33.5	28.2		5.1	80.6	14.3		33.5	43.2	23.3		14.5	77.4	8.1		
PHF	.755	.806	.871	.866	.769	.906	.806	.890	.705	.689	.917	.752	.853	.802	.803	.809	.883

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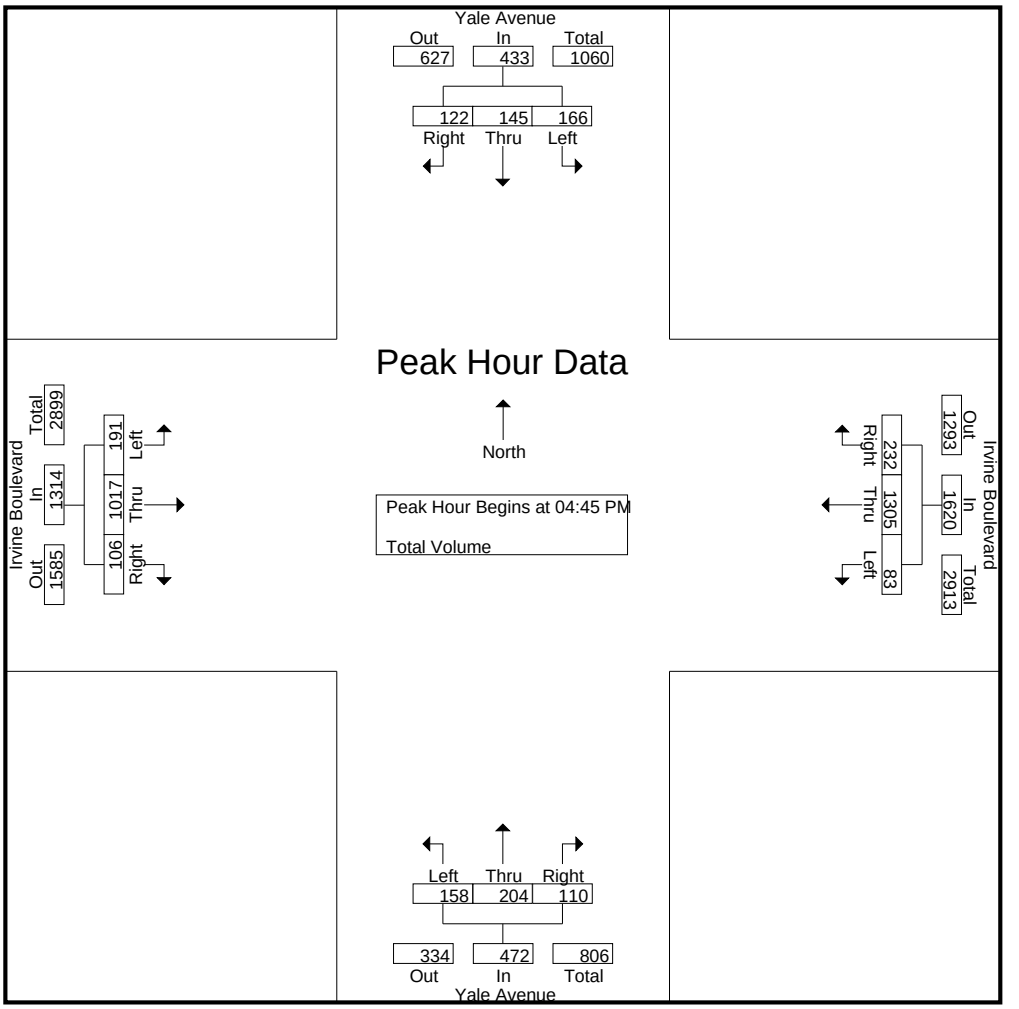
City of Irvine
N/S: Yale Avenue
E/W: Irvine Boulevard
Weather: Clear

File Name : 249_IRV_Yale_IrB PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	45	**55**	25	125	**36**	**361**	50	447	42	57	24	123	51	194	22	267
+15 mins.	**68**	34	27	**129**	17	349	54	420	38	39	**30**	107	56	**317**	**33**	**406**
+30 mins.	36	42	**41**	119	16	297	54	367	**56**	**74**	27	**157**	42	248	22	312
+45 mins.	33	38	30	101	23	360	**72**	**455**	31	55	30	116	**57**	259	26	342
Total Volume	182	169	123	474	92	1367	230	1689	167	225	111	503	206	1018	103	1327
% App. Total	38.4	35.7	25.9		5.4	80.9	13.6		33.2	44.7	22.1		15.5	76.7	7.8	
PHF	.669	.768	.750	.919	.639	.947	.799	.928	.746	.760	.925	.801	.904	.803	.780	.817

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City of Irvine
N/S: Yale Avenue
E/W: Bryan Avenue
Weather: Clear

File Name : 252_IRV_Yale_Bry AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Bryan Avenue Westbound				Yale Avenue Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	12	4	17	5	33	0	38	6	12	2	20	8	23	0	31	106
07:15 AM	0	21	7	28	4	40	3	47	5	15	3	23	4	27	13	44	142
07:30 AM	3	29	12	44	5	61	2	68	17	35	4	56	3	43	14	60	228
07:45 AM	6	45	22	73	2	105	2	109	24	80	3	107	8	69	28	105	394
Total	10	107	45	162	16	239	7	262	52	142	12	206	23	162	55	240	870
08:00 AM	2	84	16	102	12	70	4	86	25	54	8	87	12	45	29	86	361
08:15 AM	3	73	20	96	9	82	2	93	16	46	5	67	12	52	15	79	335
08:30 AM	2	74	6	82	8	76	6	90	19	38	3	60	11	47	23	81	313
08:45 AM	4	75	11	90	7	57	4	68	17	21	3	41	19	56	33	108	307
Total	11	306	53	370	36	285	16	337	77	159	19	255	54	200	100	354	1316
Grand Total	21	413	98	532	52	524	23	599	129	301	31	461	77	362	155	594	2186
Apprch %	3.9	77.6	18.4		8.7	87.5	3.8		28	65.3	6.7		13	60.9	26.1		
Total %	1	18.9	4.5	24.3	2.4	24	1.1	27.4	5.9	13.8	1.4	21.1	3.5	16.6	7.1	27.2	

	Yale Avenue Southbound				Bryan Avenue Westbound				Yale Avenue Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**6**	45	**22**	73	2	**105**	2	**109**	24	**80**	3	**107**	8	**69**	28	**105**	**394**
08:00 AM	2	**84**	16	**102**	**12**	70	4	86	**25**	54	**8**	87	**12**	45	**29**	86	361
08:15 AM	3	73	20	96	9	82	2	93	16	46	5	67	12	52	15	79	335
08:30 AM	2	74	6	82	8	76	**6**	90	19	38	3	60	11	47	23	81	313
Total Volume	13	276	64	353	31	333	14	378	84	218	19	321	43	213	95	351	1403
% App. Total	3.7	78.2	18.1		8.2	88.1	3.7		26.2	67.9	5.9		12.3	60.7	27.1		
PHF	.542	.821	.727	.865	.646	.793	.583	.867	.840	.681	.594	.750	.896	.772	.819	.836	.890

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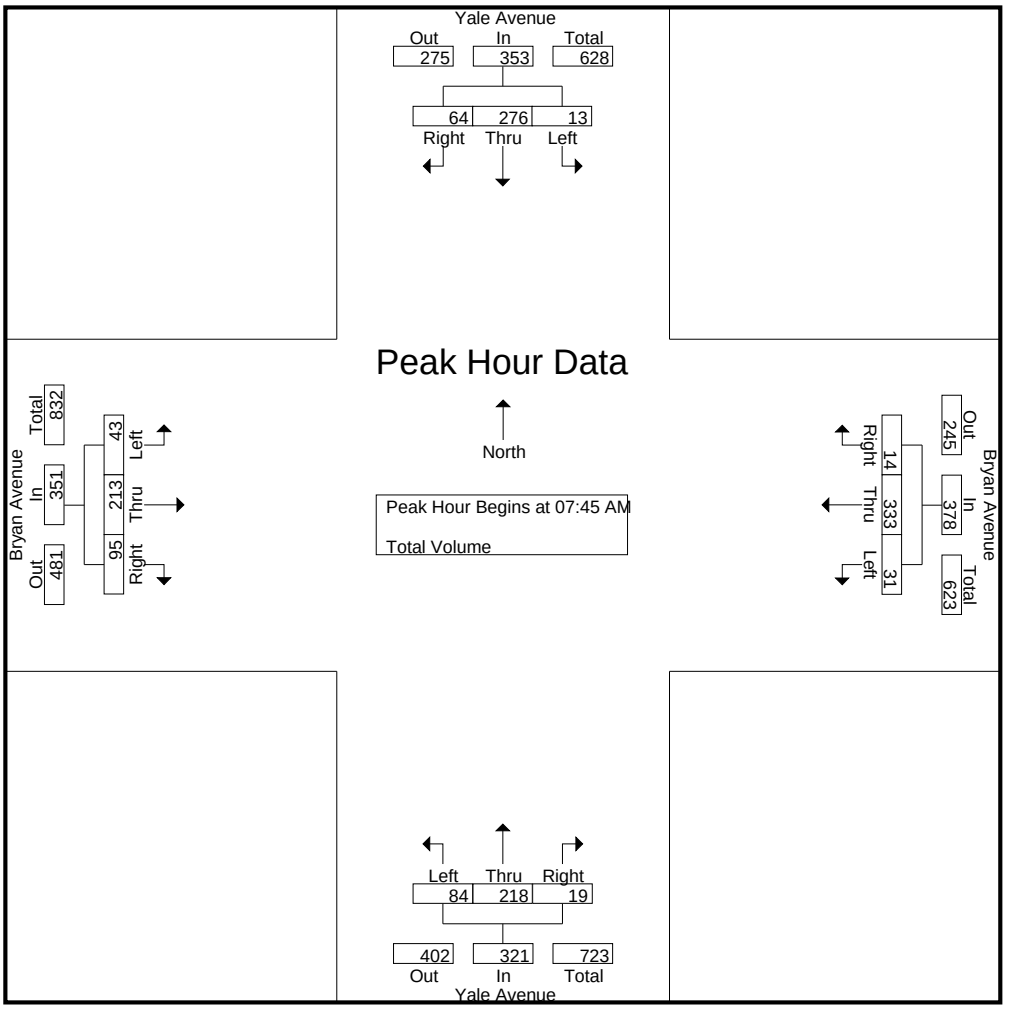
City of Irvine
N/S: Yale Avenue
E/W: Bryan Avenue
Weather: Clear

File Name : 252_IRV_Yale_Bry AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	2	**84**	16	**102**	2	**105**	2	**109**	24	**80**	3	**107**	12	45	29	86
+15 mins.	3	73	**20**	96	**12**	70	4	86	**25**	54	**8**	87	12	52	15	79
+30 mins.	2	74	6	82	9	82	2	93	16	46	5	67	11	47	23	81
+45 mins.	**4**	75	11	90	8	76	**6**	90	19	38	3	60	**19**	**56**	**33**	**108**
Total Volume	11	306	53	370	31	333	14	378	84	218	19	321	54	200	100	354
% App. Total	3	82.7	14.3		8.2	88.1	3.7		26.2	67.9	5.9		15.3	56.5	28.2	
PHF	.688	.911	.663	.907	.646	.793	.583	.867	.840	.681	.594	.750	.711	.893	.758	.819

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City of Irvine
N/S: Yale Avenue
E/W: Bryan Avenue
Weather: Clear

File Name : 252_IRV_Yale_Bry PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Bryan Avenue Westbound				Yale Avenue Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	69	12	83	5	75	4	84	31	70	4	105	16	88	18	122	394
04:15 PM	6	46	9	61	7	67	2	76	22	86	6	114	19	68	13	100	351
04:30 PM	3	65	13	81	8	72	5	85	24	51	5	80	26	75	17	118	364
04:45 PM	6	56	11	73	8	74	2	84	30	58	10	98	20	71	27	118	373
Total	17	236	45	298	28	288	13	329	107	265	25	397	81	302	75	458	1482
05:00 PM	1	64	14	79	5	59	2	66	35	83	3	121	17	85	20	122	388
05:15 PM	0	61	12	73	9	70	4	83	22	69	6	97	31	89	23	143	396
05:30 PM	11	72	7	90	9	71	5	85	39	82	13	134	18	106	23	147	456
05:45 PM	9	63	20	92	11	70	2	83	30	88	12	130	31	76	28	135	440
Total	21	260	53	334	34	270	13	317	126	322	34	482	97	356	94	547	1680
Grand Total	38	496	98	632	62	558	26	646	233	587	59	879	178	658	169	1005	3162
Apprch %	6	78.5	15.5		9.6	86.4	4		26.5	66.8	6.7		17.7	65.5	16.8		
Total %	1.2	15.7	3.1	20	2	17.6	0.8	20.4	7.4	18.6	1.9	27.8	5.6	20.8	5.3	31.8	

	Yale Avenue Southbound				Bryan Avenue Westbound				Yale Avenue Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	64	14	79	5	59	2	66	35	83	3	121	17	85	20	122	388
05:15 PM	0	61	12	73	9	70	4	83	22	69	6	97	**31**	89	23	143	396
05:30 PM	**11**	**72**	7	90	9	**71**	**5**	**85**	**39**	82	**13**	**134**	18	**106**	23	**147**	**456**
05:45 PM	9	63	**20**	**92**	**11**	70	2	83	30	**88**	12	130	31	76	**28**	135	440
Total Volume	21	260	53	334	34	270	13	317	126	322	34	482	97	356	94	547	1680
% App. Total	6.3	77.8	15.9		10.7	85.2	4.1		26.1	66.8	7.1		17.7	65.1	17.2		
PHF	.477	.903	.663	.908	.773	.951	.650	.932	.808	.915	.654	.899	.782	.840	.839	.930	.921

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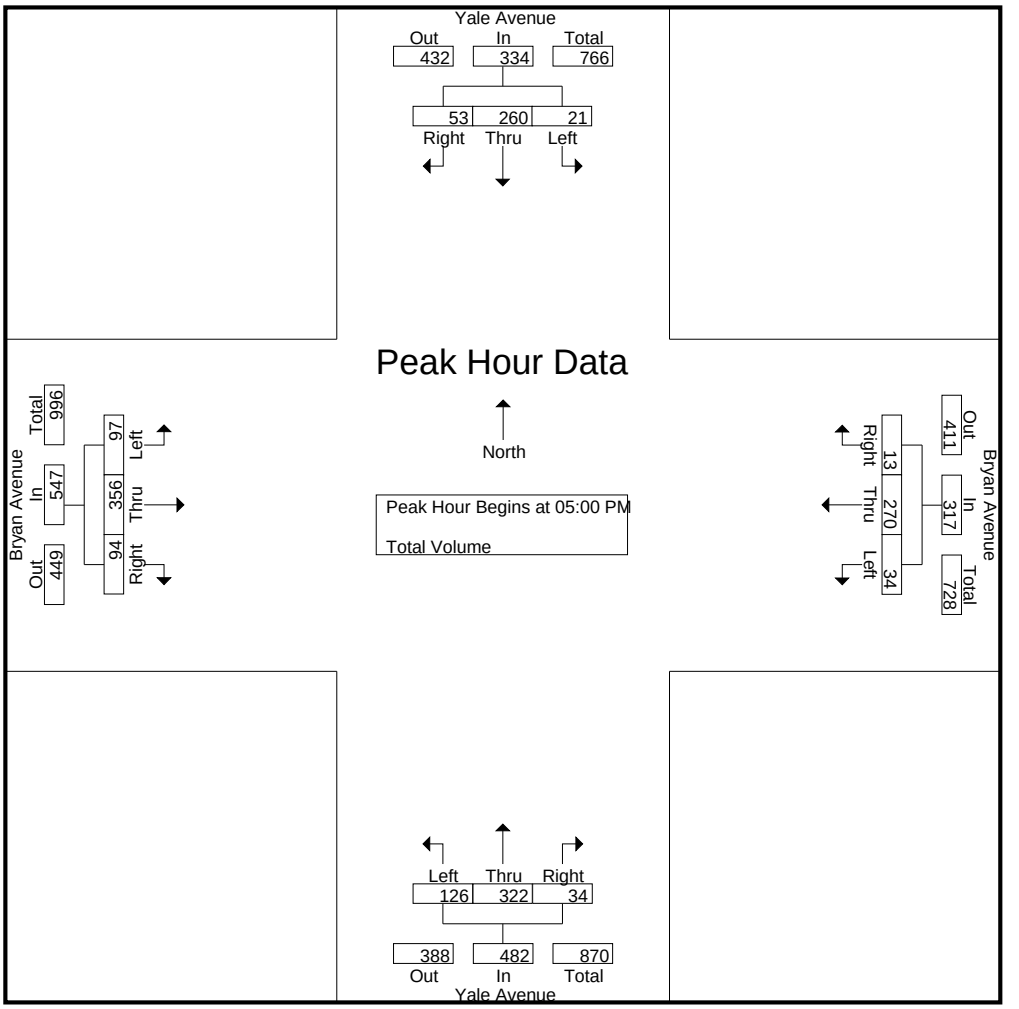
City of Irvine
N/S: Yale Avenue
E/W: Bryan Avenue
Weather: Clear

File Name : 252_IRV_Yale_Bry PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	1	64	14	79	5	**75**	4	84	35	83	3	121	17	85	20	122
+15 mins.	0	61	12	73	7	67	2	76	22	69	6	97	**31**	89	23	143
+30 mins.	**11**	**72**	7	90	**8**	72	**5**	**85**	**39**	82	**13**	**134**	18	**106**	23	**147**
+45 mins.	9	63	**20**	**92**	8	74	2	84	30	**88**	12	130	31	76	**28**	135
Total Volume	21	260	53	334	28	288	13	329	126	322	34	482	97	356	94	547
% App. Total	6.3	77.8	15.9		8.5	87.5	4		26.1	66.8	7.1		17.7	65.1	17.2	
PHF	.477	.903	.663	.908	.875	.960	.650	.968	.808	.915	.654	.899	.782	.840	.839	.930

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City of Irvine
N/S: Yale Avenue
E/W: Trabuco Road
Weather: Clear

File Name : 255_IRV_Yale_Tra AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Trabuco Road Westbound				Yale Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	12	17	32	4	25	10	39	29	13	4	46	1	14	9	24	141
07:15 AM	13	15	20	48	8	52	5	65	25	21	8	54	3	18	4	25	192
07:30 AM	14	49	29	92	9	37	5	51	37	58	14	109	6	32	2	40	292
07:45 AM	14	78	26	118	34	93	29	156	33	95	21	149	13	48	15	76	499
Total	44	154	92	290	55	207	49	311	124	187	47	358	23	112	30	165	1124
08:00 AM	22	103	48	173	56	107	13	176	46	78	27	151	19	52	13	84	584
08:15 AM	27	108	34	169	41	132	9	182	44	48	31	123	5	42	18	65	539
08:30 AM	12	95	31	138	31	98	11	140	60	59	20	139	6	36	14	56	473
08:45 AM	25	93	17	135	20	115	12	147	29	40	17	86	6	54	17	77	445
Total	86	399	130	615	148	452	45	645	179	225	95	499	36	184	62	282	2041
Grand Total	130	553	222	905	203	659	94	956	303	412	142	857	59	296	92	447	3165
Apprch %	14.4	61.1	24.5		21.2	68.9	9.8		35.4	48.1	16.6		13.2	66.2	20.6		
Total %	4.1	17.5	7	28.6	6.4	20.8	3	30.2	9.6	13	4.5	27.1	1.9	9.4	2.9	14.1	

	Yale Avenue Southbound				Trabuco Road Westbound				Yale Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	14	78	26	118	34	93	**29**	156	33	**95**	21	149	13	48	15	76	499
08:00 AM	22	103	**48**	**173**	**56**	107	13	176	46	78	27	**151**	**19**	**52**	13	**84**	**584**
08:15 AM	**27**	**108**	34	169	41	**132**	9	**182**	44	48	**31**	123	5	42	**18**	65	539
08:30 AM	12	95	31	138	31	98	11	140	**60**	59	20	139	6	36	14	56	473
Total Volume	75	384	139	598	162	430	62	654	183	280	99	562	43	178	60	281	2095
% App. Total	12.5	64.2	23.2		24.8	65.7	9.5		32.6	49.8	17.6		15.3	63.3	21.4		
PHF	.694	.889	.724	.864	.723	.814	.534	.898	.763	.737	.798	.930	.566	.856	.833	.836	.897

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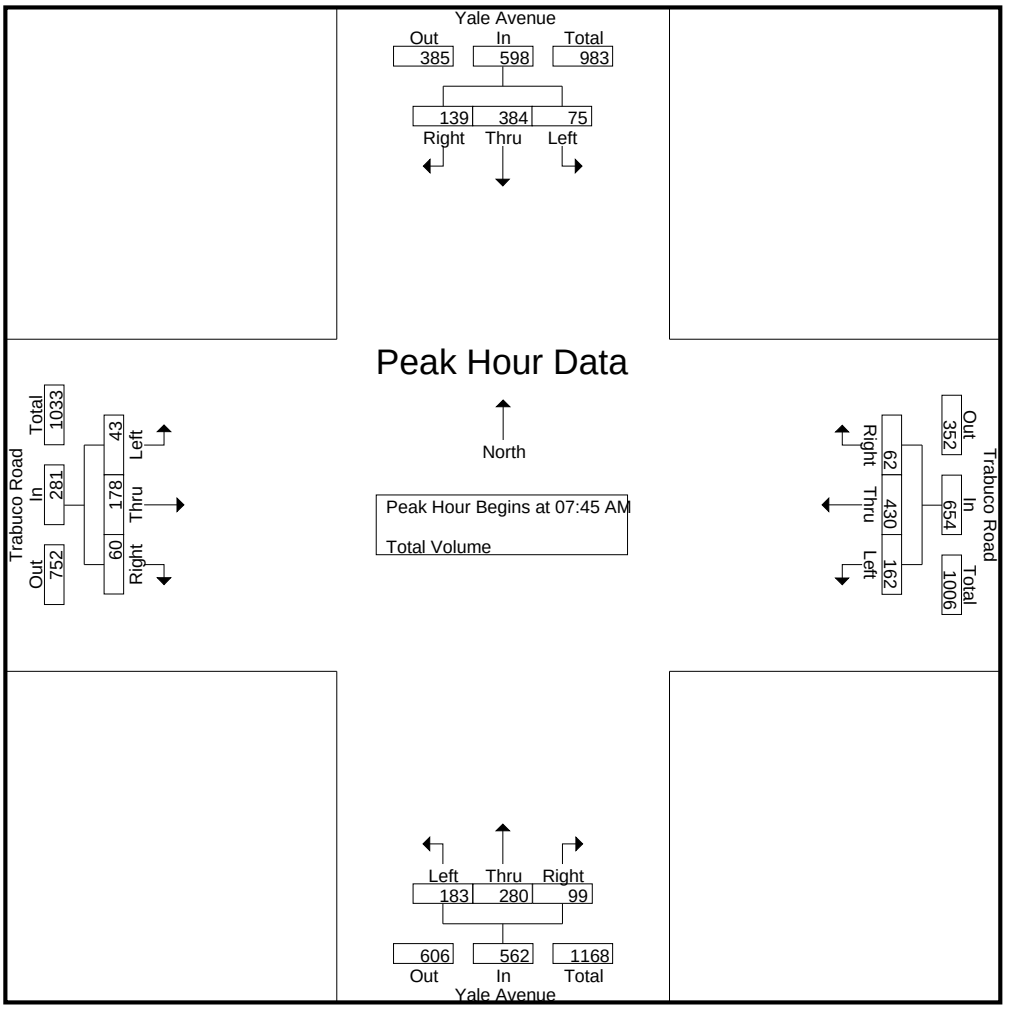
City of Irvine
N/S: Yale Avenue
E/W: Trabuco Road
Weather: Clear

File Name : 255_IRV_Yale_Tra AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	22	103	**48**	**173**	34	93	**29**	156	33	**95**	21	149	**19**	52	13	**84**
+15 mins.	**27**	**108**	34	169	**56**	107	13	176	46	78	27	**151**	5	42	**18**	65
+30 mins.	12	95	31	138	41	**132**	9	**182**	44	48	**31**	123	6	36	14	56
+45 mins.	25	93	17	135	31	98	11	140	**60**	59	20	139	6	**54**	17	77
Total Volume	86	399	130	615	162	430	62	654	183	280	99	562	36	184	62	282
% App. Total	14	64.9	21.1		24.8	65.7	9.5		32.6	49.8	17.6		12.8	65.2	22	
PHF	.796	.924	.677	.889	.723	.814	.534	.898	.763	.737	.798	.930	.474	.852	.861	.839

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City of Irvine
N/S: Yale Avenue
E/W: Trabuco Road
Weather: Clear

File Name : 255_IRV_Yale_Tra PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Trabuco Road Westbound				Yale Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	18	75	17	110	32	74	18	124	29	94	32	155	19	74	21	114	503
04:15 PM	23	70	16	109	15	63	15	93	23	106	44	173	23	69	12	104	479
04:30 PM	20	77	16	113	18	88	31	137	22	72	23	117	19	51	19	89	456
04:45 PM	22	73	26	121	19	55	25	99	22	95	35	152	24	66	16	106	478
Total	83	295	75	453	84	280	89	453	96	367	134	597	85	260	68	413	1916
05:00 PM	27	90	17	134	26	58	18	102	24	105	46	175	21	57	22	100	511
05:15 PM	23	64	9	96	21	58	21	100	18	99	49	166	16	99	33	148	510
05:30 PM	15	121	14	150	34	50	14	98	21	146	52	219	15	86	18	119	586
05:45 PM	19	87	20	126	29	55	20	104	9	102	51	162	24	84	22	130	522
Total	84	362	60	506	110	221	73	404	72	452	198	722	76	326	95	497	2129
Grand Total	167	657	135	959	194	501	162	857	168	819	332	1319	161	586	163	910	4045
Apprch %	17.4	68.5	14.1		22.6	58.5	18.9		12.7	62.1	25.2		17.7	64.4	17.9		
Total %	4.1	16.2	3.3	23.7	4.8	12.4	4	21.2	4.2	20.2	8.2	32.6	4	14.5	4	22.5	

	Yale Avenue Southbound				Trabuco Road Westbound				Yale Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**27**	90	17	134	26	**58**	18	102	**24**	105	46	175	21	57	22	100	511
05:15 PM	23	64	9	96	21	58	**21**	100	18	99	49	166	16	**99**	**33**	**148**	510
05:30 PM	15	**121**	14	**150**	**34**	50	14	98	21	**146**	**52**	**219**	15	86	18	119	**586**
05:45 PM	19	87	**20**	126	29	55	20	**104**	9	102	51	162	**24**	84	22	130	522
Total Volume	84	362	60	506	110	221	73	404	72	452	198	722	76	326	95	497	2129
% App. Total	16.6	71.5	11.9		27.2	54.7	18.1		10	62.6	27.4		15.3	65.6	19.1		
PHF	.778	.748	.750	.843	.809	.953	.869	.971	.750	.774	.952	.824	.792	.823	.720	.840	.908

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City of Irvine
N/S: Yale Avenue
E/W: Trabuco Road
Weather: Clear

File Name : 255_IRV_Yale_Tra PM1
Site Code : 05124139
Start Date : 2/27/2024
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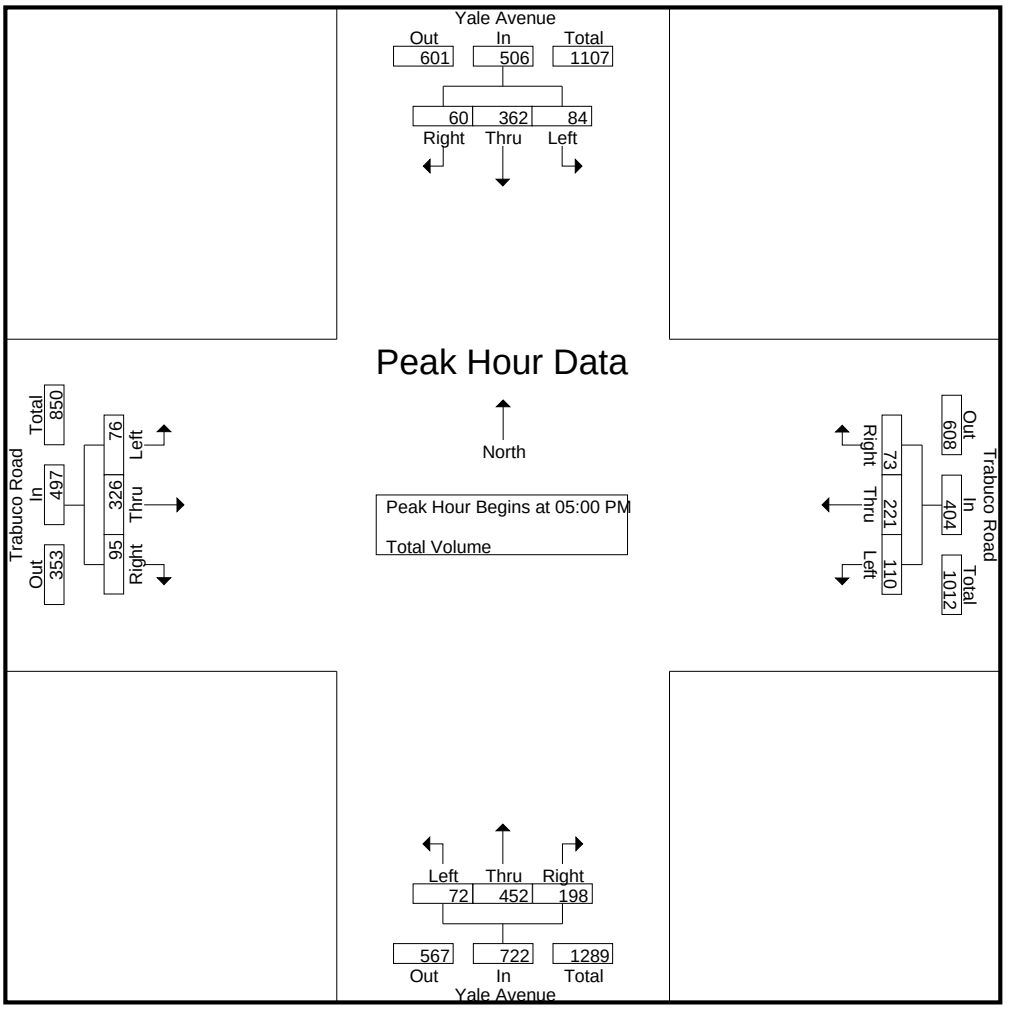

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	**27**	90	17	134	**32**	74	18	124	**24**	105	46	175	21	57	22	100
+15 mins.	23	64	9	96	15	63	15	93	18	99	49	166	16	**99**	**33**	**148**
+30 mins.	15	**121**	14	**150**	18	**88**	**31**	**137**	21	**146**	**52**	**219**	15	86	18	119
+45 mins.	19	87	**20**	126	19	55	25	99	9	102	51	162	**24**	84	22	130
Total Volume	84	362	60	506	84	280	89	453	72	452	198	722	76	326	95	497
% App. Total	16.6	71.5	11.9		18.5	61.8	19.6		10	62.6	27.4		15.3	65.6	19.1	
PHF	.778	.748	.750	.843	.656	.795	.718	.827	.750	.774	.952	.824	.792	.823	.720	.840

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City of Irvine
N/S: Yale Avenue
E/W: Walnut Avenue
Weather: Clear

File Name : 259_IRV_Yale_Wal AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Walnut Avenue Westbound				Yale Avenue Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	24	28	59	2	40	8	50	9	39	6	54	15	14	7	36	199
07:15 AM	5	38	20	63	13	31	13	57	7	37	8	52	15	33	3	51	223
07:30 AM	10	54	43	107	15	64	21	100	18	47	12	77	26	38	16	80	364
07:45 AM	13	124	59	196	27	118	21	166	32	66	20	118	36	41	30	107	587
Total	35	240	150	425	57	253	63	373	66	189	46	301	92	126	56	274	1373
08:00 AM	18	116	94	228	23	79	14	116	73	115	33	221	43	79	40	162	727
08:15 AM	27	125	82	234	12	69	21	102	61	104	25	190	58	65	46	169	695
08:30 AM	21	105	42	168	13	50	17	80	23	74	21	118	40	52	27	119	485
08:45 AM	29	79	49	157	10	46	16	72	19	51	23	93	19	43	17	79	401
Total	95	425	267	787	58	244	68	370	176	344	102	622	160	239	130	529	2308
Grand Total	130	665	417	1212	115	497	131	743	242	533	148	923	252	365	186	803	3681
Apprch %	10.7	54.9	34.4		15.5	66.9	17.6		26.2	57.7	16		31.4	45.5	23.2		
Total %	3.5	18.1	11.3	32.9	3.1	13.5	3.6	20.2	6.6	14.5	4	25.1	6.8	9.9	5.1	21.8	

	Yale Avenue Southbound				Walnut Avenue Westbound				Yale Avenue Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	13	124	59	196	**27**	**118**	**21**	**166**	32	66	20	118	36	41	30	107	587
08:00 AM	18	116	**94**	228	23	79	14	116	**73**	**115**	**33**	**221**	43	**79**	40	162	**727**
08:15 AM	**27**	**125**	82	**234**	12	69	21	102	61	104	25	190	**58**	65	**46**	**169**	695
08:30 AM	21	105	42	168	13	50	17	80	23	74	21	118	40	52	27	119	485
Total Volume	79	470	277	826	75	316	73	464	189	359	99	647	177	237	143	557	2494
% App. Total	9.6	56.9	33.5		16.2	68.1	15.7		29.2	55.5	15.3		31.8	42.5	25.7		
PHF	.731	.940	.737	.882	.694	.669	.869	.699	.647	.780	.750	.732	.763	.750	.777	.824	.858

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City of Irvine
N/S: Yale Avenue
E/W: Walnut Avenue
Weather: Clear

File Name : 259_IRV_Yale_Wal AM1
Site Code : 05124139
Start Date : 2/27/2024
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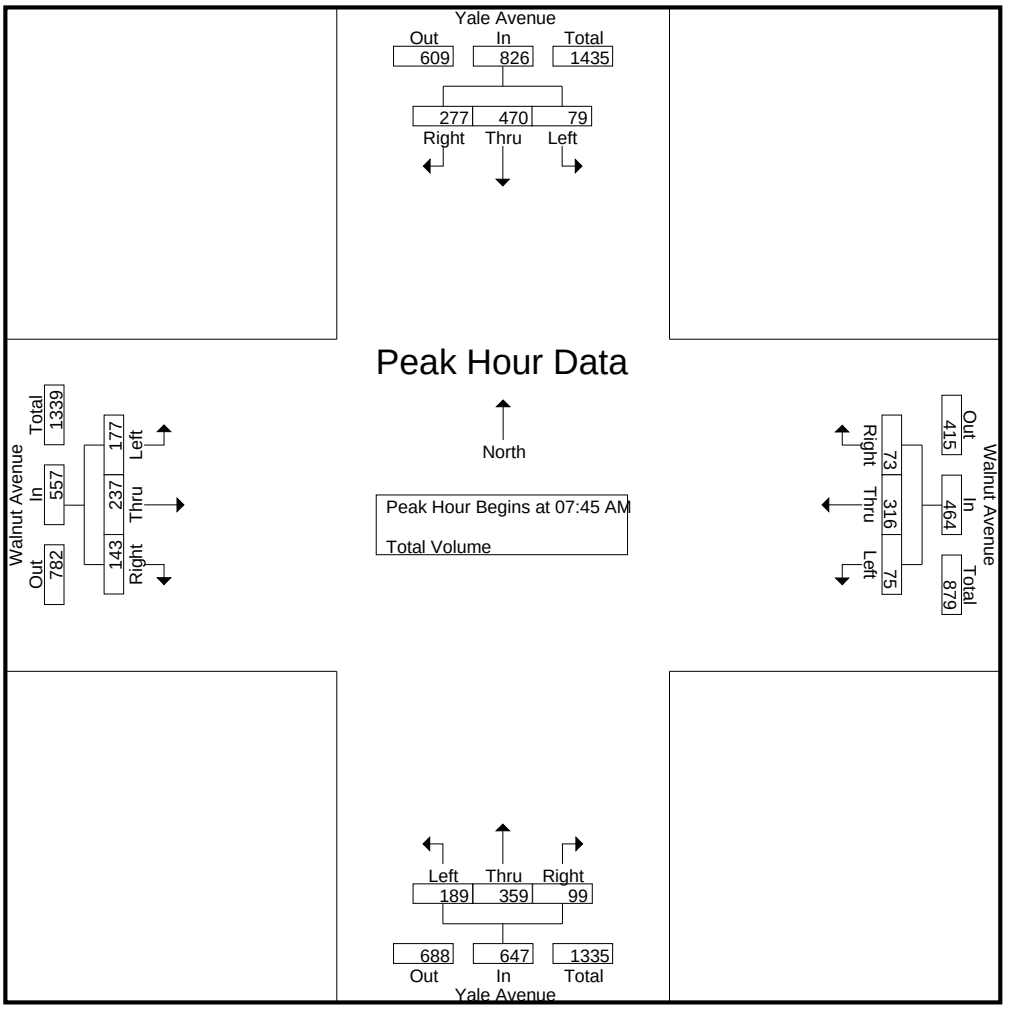

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	13	124	59	196	15	64	**21**	100	32	66	20	118	36	41	30	107
+15 mins.	18	116	**94**	228	**27**	**118**	21	**166**	**73**	**115**	**33**	**221**	43	**79**	40	162
+30 mins.	**27**	**125**	82	**234**	23	79	14	116	61	104	25	190	**58**	65	**46**	**169**
+45 mins.	21	105	42	168	12	69	21	102	23	74	21	118	40	52	27	119
Total Volume	79	470	277	826	77	330	77	484	189	359	99	647	177	237	143	557
% App. Total	9.6	56.9	33.5		15.9	68.2	15.9		29.2	55.5	15.3		31.8	42.5	25.7	
PHF	.731	.940	.737	.882	.713	.699	.917	.729	.647	.780	.750	.732	.763	.750	.777	.824

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City of Irvine
N/S: Yale Avenue
E/W: Walnut Avenue
Weather: Clear

File Name : 259_IRV_Yale_Wal PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Walnut Avenue Westbound				Yale Avenue Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	28	64	80	172	7	102	35	144	24	104	16	144	85	67	38	190	650
04:15 PM	23	63	57	143	13	97	22	132	34	86	14	134	97	81	33	211	620
04:30 PM	29	55	64	148	8	76	38	122	33	95	19	147	92	76	30	198	615
04:45 PM	20	47	71	138	12	99	28	139	33	88	17	138	91	75	37	203	618
Total	100	229	272	601	40	374	123	537	124	373	66	563	365	299	138	802	2503
05:00 PM	22	70	75	167	5	87	27	119	23	107	21	151	93	81	31	205	642
05:15 PM	27	83	74	184	14	93	41	148	43	125	26	194	110	74	27	211	737
05:30 PM	26	69	82	177	13	93	42	148	25	136	17	178	116	83	32	231	734
05:45 PM	24	81	74	179	15	111	35	161	44	132	28	204	99	54	46	199	743
Total	99	303	305	707	47	384	145	576	135	500	92	727	418	292	136	846	2856
06:00 PM	16	57	67	140	15	94	42	151	26	113	25	164	125	80	33	238	693
06:15 PM	14	41	73	128	10	89	28	127	33	102	14	149	95	86	35	216	620
Grand Total	229	630	717	1576	112	941	338	1391	318	1088	197	1603	1003	757	342	2102	6672
Apprch %	14.5	40	45.5		8.1	67.6	24.3		19.8	67.9	12.3		47.7	36	16.3		
Total %	3.4	9.4	10.7	23.6	1.7	14.1	5.1	20.8	4.8	16.3	3	24	15	11.3	5.1	31.5	

	Yale Avenue Southbound				Walnut Avenue Westbound				Yale Avenue Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	22	70	75	167	5	87	27	119	23	107	21	151	93	81	31	205	642
05:15 PM	**27**	**83**	74	**184**	14	93	41	148	43	125	26	194	110	74	27	211	737
05:30 PM	26	69	**82**	177	13	93	**42**	148	25	**136**	17	178	**116**	**83**	32	**231**	734
05:45 PM	24	81	74	179	**15**	**111**	35	**161**	**44**	132	**28**	**204**	99	54	**46**	199	**743**
Total Volume	99	303	305	707	47	384	145	576	135	500	92	727	418	292	136	846	2856
% App. Total	14	42.9	43.1		8.2	66.7	25.2		18.6	68.8	12.7		49.4	34.5	16.1		
PHF	.917	.913	.930	.961	.783	.865	.863	.894	.767	.919	.821	.891	.901	.880	.739	.916	.961

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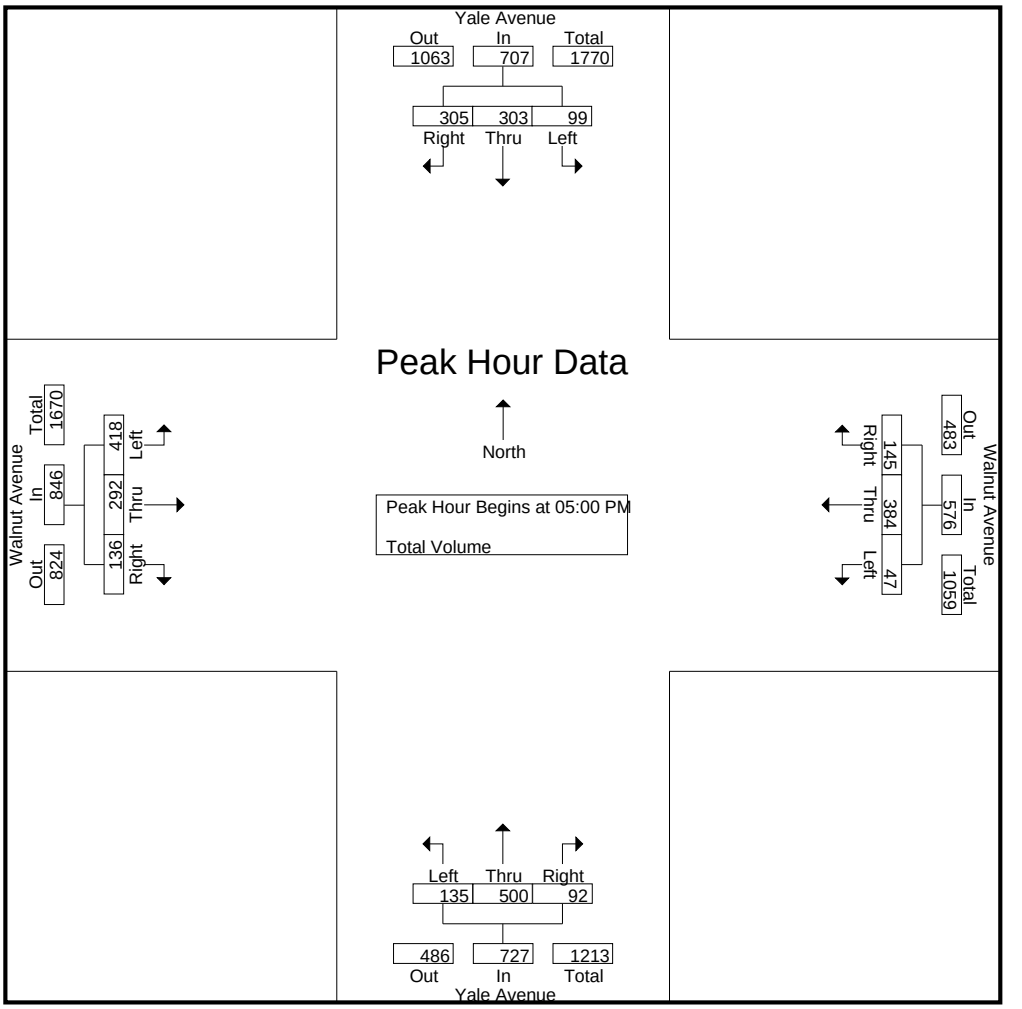
City of Irvine
N/S: Yale Avenue
E/W: Walnut Avenue
Weather: Clear

File Name : 259_IRV_Yale_Wal PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				04:45 PM			
+0 mins.	22	70	75	167	5	87	27	119	23	107	21	151	91	75	**37**	203
+15 mins.	**27**	**83**	74	**184**	14	93	41	148	43	125	26	194	93	81	31	205
+30 mins.	26	69	**82**	177	13	93	**42**	148	25	**136**	17	178	110	74	27	211
+45 mins.	24	81	74	179	**15**	**111**	35	**161**	**44**	132	**28**	**204**	**116**	**83**	32	**231**
Total Volume	99	303	305	707	47	384	145	576	135	500	92	727	410	313	127	850
% App. Total	14	42.9	43.1		8.2	66.7	25.2		18.6	68.8	12.7		48.2	36.8	14.9	
PHF	.917	.913	.930	.961	.783	.865	.863	.894	.767	.919	.821	.891	.884	.943	.858	.920

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City of Irvine
N/S: Yale Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 261_IRV_Yale_ICD AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Yale Avenue Southbound				Irvine Center Drive Westbound				Yale Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	12	13	33	58	17	40	9	66	20	17	19	56	14	78	10	102	282
07:15 AM	16	18	51	85	11	61	13	85	20	11	27	58	21	103	11	135	363
07:30 AM	31	19	66	116	14	85	21	120	45	18	32	95	24	127	28	179	510
07:45 AM	39	34	96	169	24	184	32	240	39	33	29	101	22	167	34	223	733
Total	98	84	246	428	66	370	75	511	124	79	107	310	81	475	83	639	1888
08:00 AM	53	47	104	204	24	156	41	221	38	51	40	129	75	183	24	282	836
08:15 AM	70	74	113	257	29	194	26	249	30	30	45	105	44	151	32	227	838
08:30 AM	43	84	87	214	21	206	30	257	27	30	41	98	37	162	34	233	802
08:45 AM	42	49	69	160	7	179	29	215	29	31	30	90	47	150	22	219	684
Total	208	254	373	835	81	735	126	942	124	142	156	422	203	646	112	961	3160
Grand Total	306	338	619	1263	147	1105	201	1453	248	221	263	732	284	1121	195	1600	5048
Apprch %	24.2	26.8	49		10.1	76	13.8		33.9	30.2	35.9		17.8	70.1	12.2		
Total %	6.1	6.7	12.3	25	2.9	21.9	4	28.8	4.9	4.4	5.2	14.5	5.6	22.2	3.9	31.7	

	Yale Avenue Southbound				Irvine Center Drive Westbound				Yale Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	39	34	96	169	24	184	32	240	**39**	33	29	101	22	167	**34**	223	733
08:00 AM	53	47	104	204	24	156	**41**	221	38	**51**	40	**129**	**75**	**183**	24	**282**	836
08:15 AM	**70**	74	**113**	**257**	**29**	194	26	249	30	30	**45**	105	44	151	32	227	**838**
08:30 AM	43	**84**	87	214	21	**206**	30	**257**	27	30	41	98	37	162	34	233	802
Total Volume	205	239	400	844	98	740	129	967	134	144	155	433	178	663	124	965	3209
% App. Total	24.3	28.3	47.4		10.1	76.5	13.3		30.9	33.3	35.8		18.4	68.7	12.8		
PHF	.732	.711	.885	.821	.845	.898	.787	.941	.859	.706	.861	.839	.593	.906	.912	.855	.957

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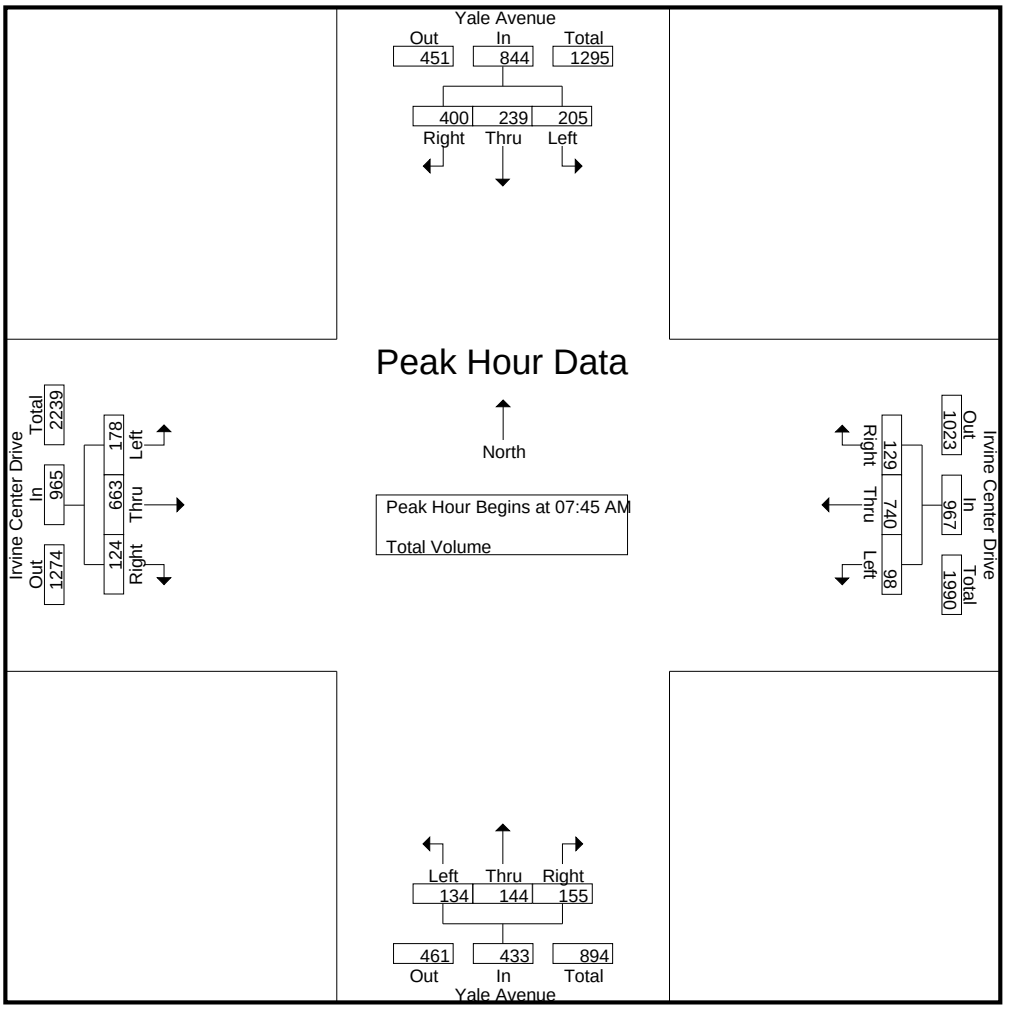
City of Irvine
N/S: Yale Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 261_IRV_Yale_ICD AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	39	34	96	169	24	184	32	240	**39**	33	29	101	22	167	**34**	223
+15 mins.	53	47	104	204	24	156	**41**	221	38	**51**	40	**129**	**75**	**183**	24	**282**
+30 mins.	**70**	74	**113**	**257**	**29**	194	26	249	30	30	**45**	105	44	151	32	227
+45 mins.	43	**84**	87	214	21	**206**	30	**257**	27	30	41	98	37	162	34	233
Total Volume	205	239	400	844	98	740	129	967	134	144	155	433	178	663	124	965
% App. Total	24.3	28.3	47.4		10.1	76.5	13.3		30.9	33.3	35.8		18.4	68.7	12.8	
PHF	.732	.711	.885	.821	.845	.898	.787	.941	.859	.706	.861	.839	.593	.906	.912	.855

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City of Irvine
N/S: Yale Avenue
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File Name : 261_IRV_Yale_ICD PM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Yale Avenue Southbound				Irvine Center Drive Westbound				Yale Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	29	33	38	100	31	310	35	376	32	56	22	110	45	117	19	181	767
04:15 PM	20	29	42	91	19	364	44	427	22	35	18	75	78	175	39	292	885
04:30 PM	22	25	45	92	28	381	49	458	43	33	32	108	48	134	32	214	872
04:45 PM	25	33	31	89	32	377	44	453	17	43	33	93	68	181	35	284	919
Total	96	120	156	372	110	1432	172	1714	114	167	105	386	239	607	125	971	3443
05:00 PM	21	31	32	84	32	302	56	390	19	60	23	102	50	156	31	237	813
05:15 PM	16	29	29	74	17	359	50	426	18	39	27	84	80	260	43	383	967
05:30 PM	29	65	49	143	48	298	64	410	21	61	25	107	84	208	33	325	985
05:45 PM	15	33	35	83	27	278	60	365	20	36	23	79	76	238	51	365	892
Total	81	158	145	384	124	1237	230	1591	78	196	98	372	290	862	158	1310	3657
Grand Total	177	278	301	756	234	2669	402	3305	192	363	203	758	529	1469	283	2281	7100
Apprch %	23.4	36.8	39.8		7.1	80.8	12.2		25.3	47.9	26.8		23.2	64.4	12.4		
Total %	2.5	3.9	4.2	10.6	3.3	37.6	5.7	46.5	2.7	5.1	2.9	10.7	7.5	20.7	4	32.1	

	Yale Avenue Southbound				Irvine Center Drive Westbound				Yale Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	25	33	31	89	32	**377**	44	**453**	17	43	**33**	93	68	181	35	284	919
05:00 PM	21	31	32	84	32	302	56	390	19	60	23	102	50	156	31	237	813
05:15 PM	16	29	29	74	17	359	50	426	18	39	27	84	80	**260**	**43**	**383**	967
05:30 PM	**29**	**65**	**49**	**143**	**48**	298	**64**	410	**21**	**61**	25	**107**	**84**	208	33	325	**985**
Total Volume	91	158	141	390	129	1336	214	1679	75	203	108	386	282	805	142	1229	3684
% App. Total	23.3	40.5	36.2		7.7	79.6	12.7		19.4	52.6	28		22.9	65.5	11.6		
PHF	.784	.608	.719	.682	.672	.886	.836	.927	.893	.832	.818	.902	.839	.774	.826	.802	.935

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City of Irvine
N/S: Yale Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 261_IRV_Yale_ICD PM1
Site Code : 05124139
Start Date : 2/27/2024
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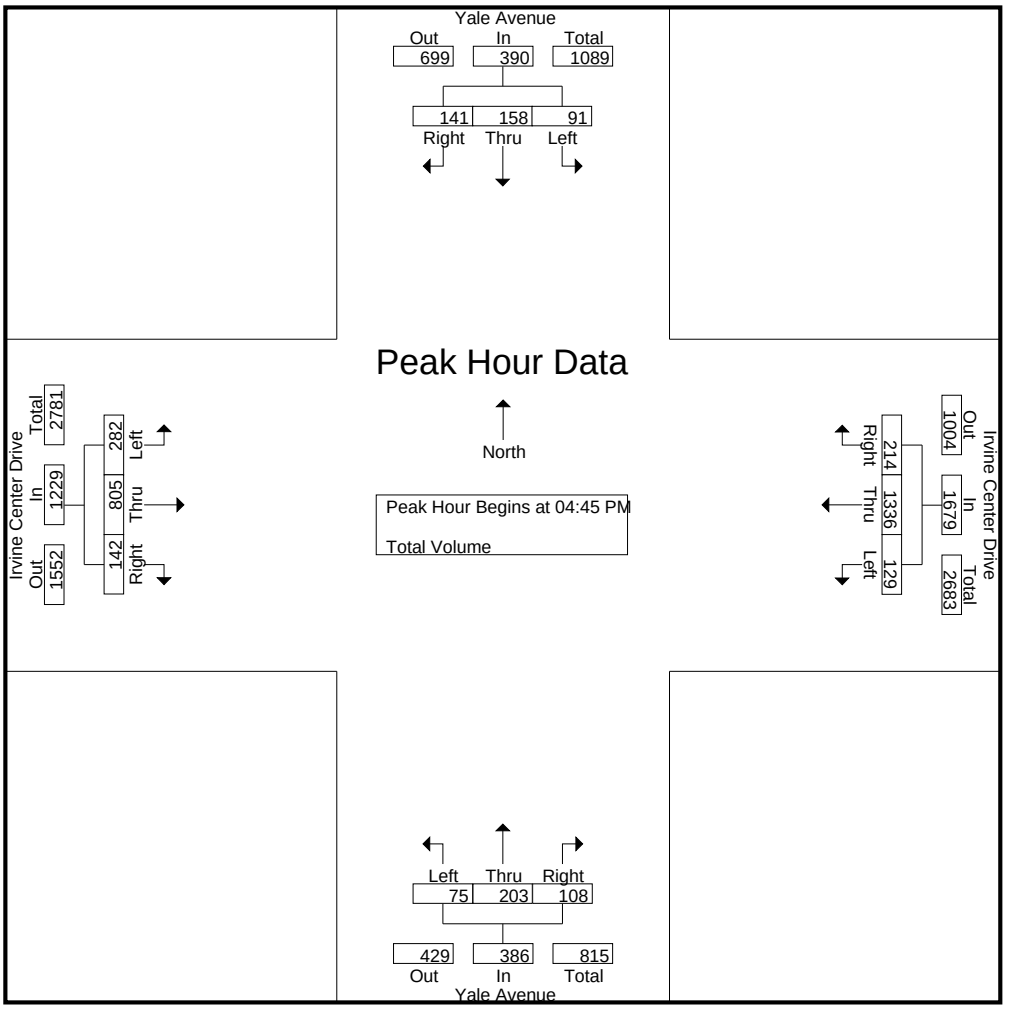

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				04:30 PM				05:00 PM			
+0 mins.	25	33	31	89	19	364	44	427	**43**	33	32	**108**	50	156	31	237
+15 mins.	21	31	32	84	28	**381**	49	**458**	17	43	**33**	93	80	**260**	43	**383**
+30 mins.	16	29	29	74	**32**	377	44	453	19	**60**	23	102	**84**	208	33	325
+45 mins.	**29**	**65**	**49**	**143**	32	302	**56**	390	18	39	27	84	76	238	**51**	365
Total Volume	91	158	141	390	111	1424	193	1728	97	175	115	387	290	862	158	1310
% App. Total	23.3	40.5	36.2		6.4	82.4	11.2		25.1	45.2	29.7		22.1	65.8	12.1	
PHF	.784	.608	.719	.682	.867	.934	.862	.943	.564	.729	.871	.896	.863	.829	.775	.855

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City of Irvine
N/S: West Yale Loop
E/W: Barranca Parkway
Weather: Clear

File Name : 264_IRV_WYL_Barr AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	West Yale Loop Southbound				Barranca Parkway Westbound				West Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	16	17	41	2	32	6	40	3	11	7	21	4	91	3	98	200
07:15 AM	19	13	15	47	10	54	4	68	5	12	11	28	10	86	6	102	245
07:30 AM	13	28	26	67	5	79	10	94	8	10	5	23	7	112	11	130	314
07:45 AM	20	25	33	78	16	128	5	149	13	12	19	44	19	184	13	216	487
Total	60	82	91	233	33	293	25	351	29	45	42	116	40	473	33	546	1246
08:00 AM	44	39	45	128	11	118	16	145	23	24	19	66	13	193	14	220	559
08:15 AM	62	61	30	153	14	152	21	187	42	47	44	133	15	197	12	224	697
08:30 AM	31	19	27	77	30	217	8	255	7	19	19	45	26	210	21	257	634
08:45 AM	30	29	24	83	21	188	15	224	12	13	14	39	11	195	20	226	572
Total	167	148	126	441	76	675	60	811	84	103	96	283	65	795	67	927	2462
Grand Total	227	230	217	674	109	968	85	1162	113	148	138	399	105	1268	100	1473	3708
Apprch %	33.7	34.1	32.2		9.4	83.3	7.3		28.3	37.1	34.6		7.1	86.1	6.8		
Total %	6.1	6.2	5.9	18.2	2.9	26.1	2.3	31.3	3	4	3.7	10.8	2.8	34.2	2.7	39.7	

	West Yale Loop Southbound				Barranca Parkway Westbound				West Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	44	39	**45**	128	11	118	16	145	23	24	19	66	13	193	14	220	559
08:15 AM	**62**	**61**	30	**153**	14	152	**21**	187	**42**	**47**	**44**	**133**	15	197	12	224	**697**
08:30 AM	31	19	27	77	**30**	**217**	8	**255**	7	19	19	45	**26**	**210**	**21**	**257**	634
08:45 AM	30	29	24	83	21	188	15	224	12	13	14	39	11	195	20	226	572
Total Volume	167	148	126	441	76	675	60	811	84	103	96	283	65	795	67	927	2462
% App. Total	37.9	33.6	28.6		9.4	83.2	7.4		29.7	36.4	33.9		7	85.8	7.2		
PHF	.673	.607	.700	.721	.633	.778	.714	.795	.500	.548	.545	.532	.625	.946	.798	.902	.883

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City of Irvine
N/S: West Yale Loop
E/W: Barranca Parkway
Weather: Clear

File Name : 264_IRV_WYL_Barr AM1
Site Code : 05124139
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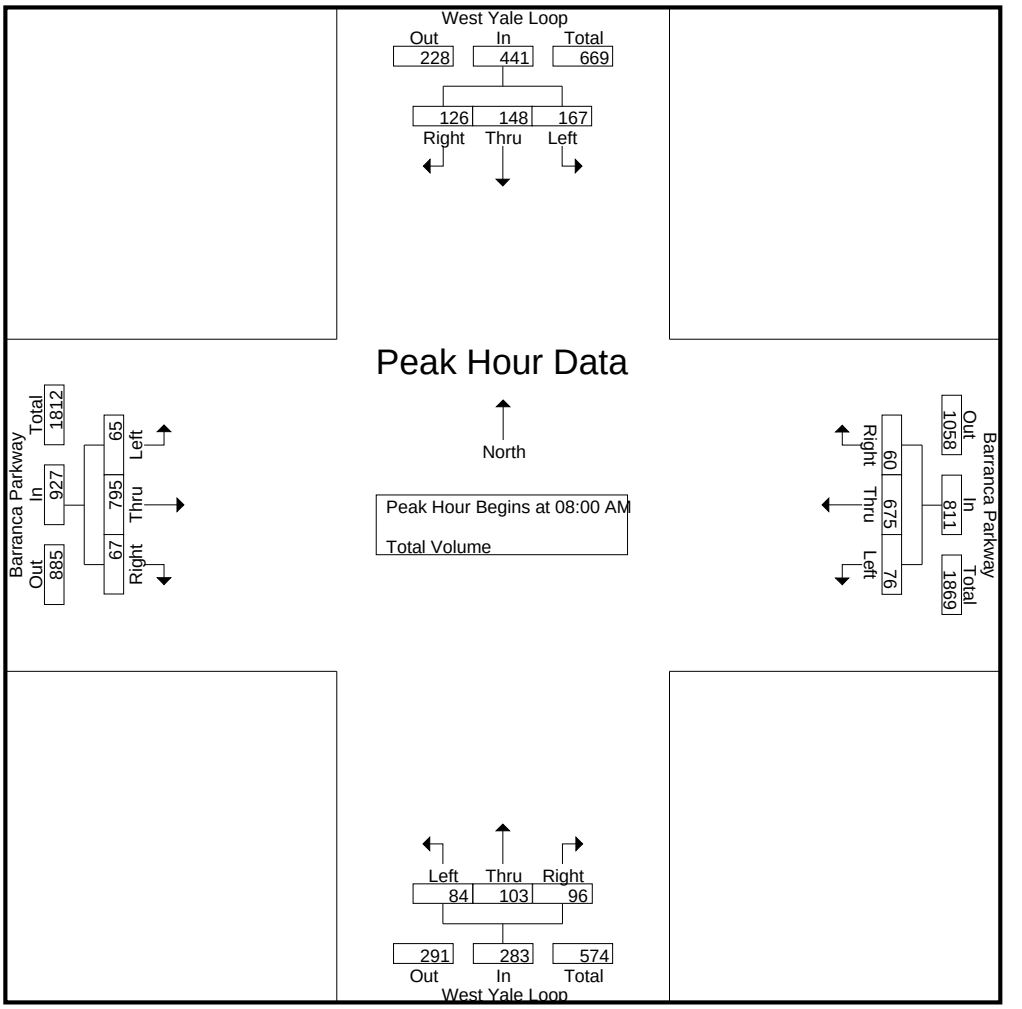

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	44	39	**45**	128	11	118	16	145	13	12	19	44	13	193	14	220
+15 mins.	**62**	**61**	30	**153**	14	152	**21**	187	23	24	19	66	15	197	12	224
+30 mins.	31	19	27	77	**30**	**217**	8	**255**	**42**	**47**	**44**	**133**	**26**	**210**	**21**	**257**
+45 mins.	30	29	24	83	21	188	15	224	7	19	19	45	11	195	20	226
Total Volume	167	148	126	441	76	675	60	811	85	102	101	288	65	795	67	927
% App. Total	37.9	33.6	28.6		9.4	83.2	7.4		29.5	35.4	35.1		7	85.8	7.2	
PHF	.673	.607	.700	.721	.633	.778	.714	.795	.506	.543	.574	.541	.625	.946	.798	.902

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City of Irvine
N/S: West Yale Loop
E/W: Barranca Parkway
Weather: Clear

File Name : 264_IRV_WYL_Barr PM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	West Yale Loop Southbound				Barranca Parkway Westbound				West Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	16	16	7	39	9	215	21	245	31	31	13	75	24	196	8	228	587
04:15 PM	23	18	14	55	5	200	19	224	25	24	17	66	21	181	8	210	555
04:30 PM	18	18	21	57	12	212	24	248	23	29	13	65	30	165	7	202	572
04:45 PM	30	24	12	66	11	211	28	250	20	30	16	66	22	220	21	263	645
Total	87	76	54	217	37	838	92	967	99	114	59	272	97	762	44	903	2359
05:00 PM	31	19	14	64	17	223	26	266	27	28	11	66	32	163	11	206	602
05:15 PM	20	14	11	45	9	232	35	276	13	36	9	58	14	233	9	256	635
05:30 PM	26	27	13	66	0	221	31	252	18	34	16	68	25	214	15	254	640
05:45 PM	15	22	24	61	28	208	24	260	23	32	18	73	45	210	14	269	663
Total	92	82	62	236	54	884	116	1054	81	130	54	265	116	820	49	985	2540
Grand Total	179	158	116	453	91	1722	208	2021	180	244	113	537	213	1582	93	1888	4899
Apprch %	39.5	34.9	25.6		4.5	85.2	10.3		33.5	45.4	21		11.3	83.8	4.9		
Total %	3.7	3.2	2.4	9.2	1.9	35.2	4.2	41.3	3.7	5	2.3	11	4.3	32.3	1.9	38.5	

	West Yale Loop Southbound				Barranca Parkway Westbound				West Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**31**	19	14	64	17	223	26	266	**27**	28	11	66	32	163	11	206	602
05:15 PM	20	14	11	45	9	**232**	**35**	**276**	13	**36**	9	58	14	**233**	9	256	635
05:30 PM	26	**27**	13	**66**	0	221	31	252	18	34	16	68	25	214	**15**	254	640
05:45 PM	15	22	**24**	61	**28**	208	24	260	23	32	**18**	**73**	**45**	210	14	**269**	**663**
Total Volume	92	82	62	236	54	884	116	1054	81	130	54	265	116	820	49	985	2540
% App. Total	39	34.7	26.3		5.1	83.9	11		30.6	49.1	20.4		11.8	83.2	5		
PHF	.742	.759	.646	.894	.482	.953	.829	.955	.750	.903	.750	.908	.644	.880	.817	.915	.958

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City of Irvine
N/S: West Yale Loop
E/W: Barranca Parkway
Weather: Clear

File Name : 264_IRV_WYL_Barr PM1
Site Code : 05124139
Start Date : 2/27/2024
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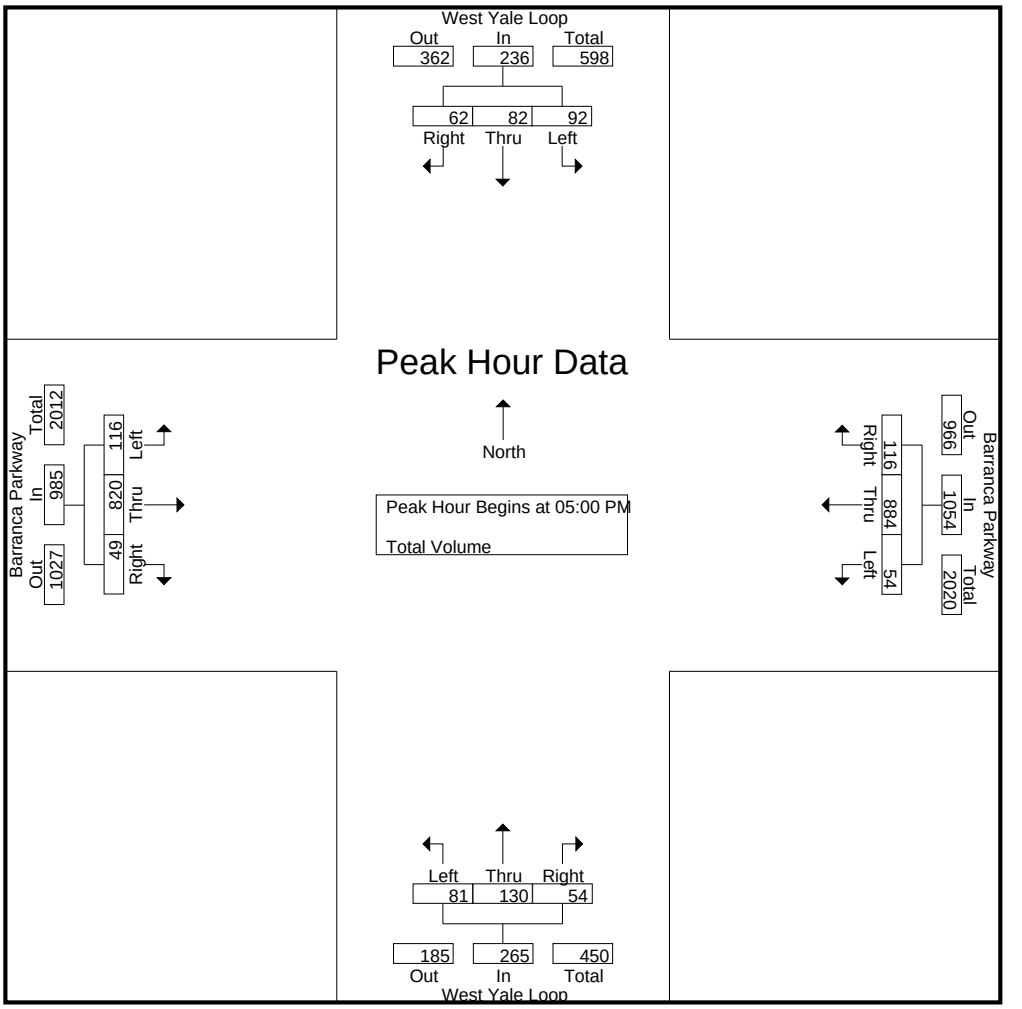

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				04:00 PM				05:00 PM			
+0 mins.	23	18	14	55	17	223	26	266	**31**	**31**	13	**75**	32	163	11	206
+15 mins.	18	18	**21**	57	9	**232**	**35**	**276**	25	24	**17**	66	14	**233**	9	256
+30 mins.	30	**24**	12	**66**	0	221	31	252	23	29	13	65	25	214	**15**	254
+45 mins.	**31**	19	14	64	**28**	208	24	260	20	30	16	66	**45**	210	14	**269**
Total Volume	102	79	61	242	54	884	116	1054	99	114	59	272	116	820	49	985
% App. Total	42.1	32.6	25.2		5.1	83.9	11		36.4	41.9	21.7		11.8	83.2	5	
PHF	.823	.823	.726	.917	.482	.953	.829	.955	.798	.919	.868	.907	.644	.880	.817	.915

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City of Irvine
N/S: East Yale Loop
E/W: Barranca Parkway
Weather: Clear

File Name : 267_IRV_EYL_Bar AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	East Yale Loop Southbound				Barranca Parkway Westbound				East Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	30	26	8	64	9	33	30	72	3	22	12	37	6	42	4	52	225
07:15 AM	66	44	19	129	8	64	17	89	5	14	15	34	11	51	11	73	325
07:30 AM	54	43	21	118	18	95	31	144	8	17	19	44	16	83	12	111	417
07:45 AM	82	70	24	176	34	161	77	272	9	32	25	66	7	94	13	114	628
Total	232	183	72	487	69	353	155	577	25	85	71	181	40	270	40	350	1595
08:00 AM	94	79	66	239	55	158	63	276	17	46	46	109	15	91	15	121	745
08:15 AM	59	98	42	199	75	271	74	420	20	44	41	105	31	151	19	201	925
08:30 AM	68	71	32	171	51	218	27	296	11	27	36	74	23	110	16	149	690
08:45 AM	49	47	24	120	34	216	19	269	9	20	30	59	11	117	11	139	587
Total	270	295	164	729	215	863	183	1261	57	137	153	347	80	469	61	610	2947
Grand Total	502	478	236	1216	284	1216	338	1838	82	222	224	528	120	739	101	960	4542
Apprch %	41.3	39.3	19.4		15.5	66.2	18.4		15.5	42	42.4		12.5	77	10.5		
Total %	11.1	10.5	5.2	26.8	6.3	26.8	7.4	40.5	1.8	4.9	4.9	11.6	2.6	16.3	2.2	21.1	

	East Yale Loop Southbound				Barranca Parkway Westbound				East Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	82	70	24	176	34	161	**77**	272	9	32	25	66	7	94	13	114	628
08:00 AM	**94**	79	**66**	**239**	55	158	63	276	17	**46**	**46**	**109**	15	91	15	121	745
08:15 AM	59	**98**	42	199	**75**	**271**	74	**420**	**20**	44	41	105	**31**	**151**	**19**	**201**	**925**
08:30 AM	68	71	32	171	51	218	27	296	11	27	36	74	23	110	16	149	690
Total Volume	303	318	164	785	215	808	241	1264	57	149	148	354	76	446	63	585	2988
% App. Total	38.6	40.5	20.9		17	63.9	19.1		16.1	42.1	41.8		13	76.2	10.8		
PHF	.806	.811	.621	.821	.717	.745	.782	.752	.713	.810	.804	.812	.613	.738	.829	.728	.808

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City of Irvine
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Weather: Clear

File Name : 267_IRV_EYL_Bar AM1
Site Code : 05124139
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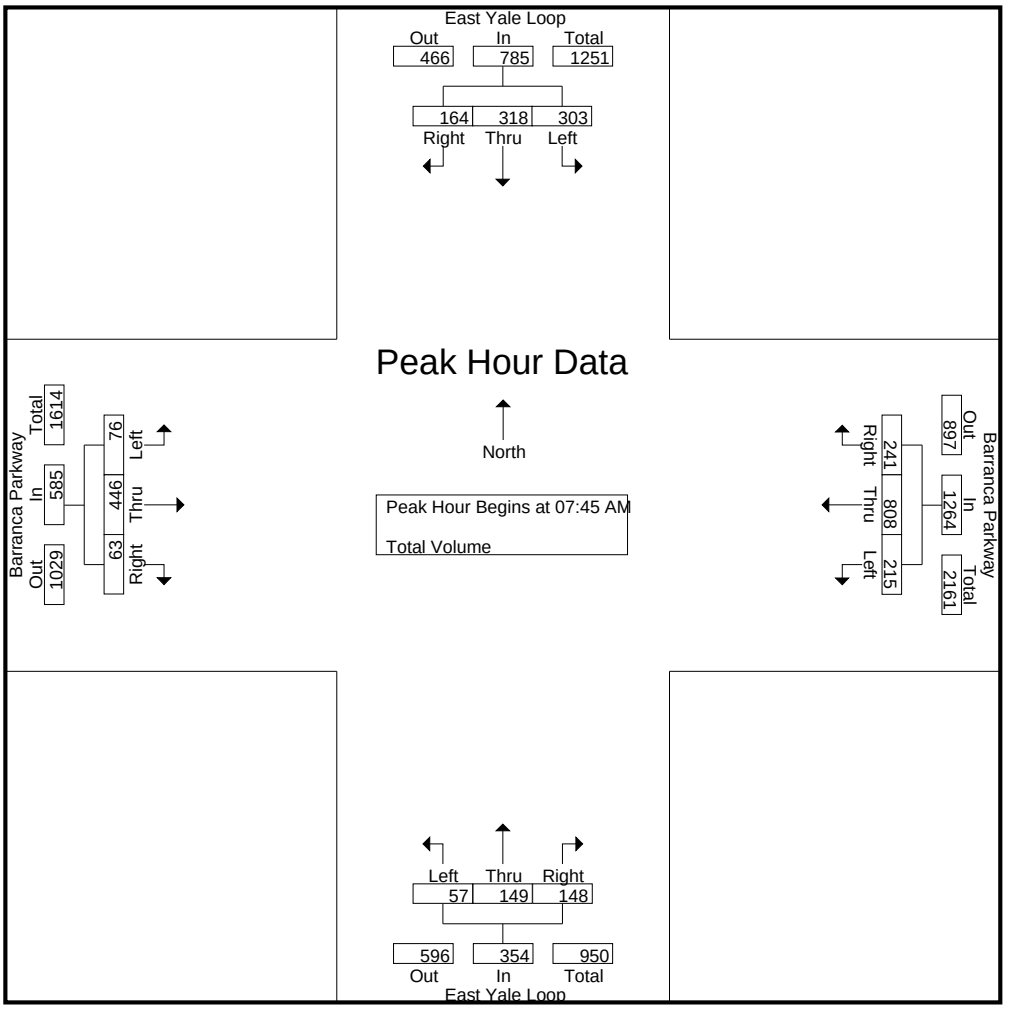

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	82	70	24	176	34	161	**77**	272	9	32	25	66	15	91	15	121
+15 mins.	**94**	79	**66**	**239**	55	158	63	276	17	**46**	**46**	**109**	**31**	**151**	**19**	**201**
+30 mins.	59	**98**	42	199	**75**	**271**	74	**420**	**20**	44	41	105	23	110	16	149
+45 mins.	68	71	32	171	51	218	27	296	11	27	36	74	11	117	11	139
Total Volume	303	318	164	785	215	808	241	1264	57	149	148	354	80	469	61	610
% App. Total	38.6	40.5	20.9		17	63.9	19.1		16.1	42.1	41.8		13.1	76.9	10	
PHF	.806	.811	.621	.821	.717	.745	.782	.752	.713	.810	.804	.812	.645	.776	.803	.759

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Groups Printed- Total Volume

	East Yale Loop Southbound				Barranca Parkway Westbound				East Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	42	26	35	103	21	126	62	209	14	45	44	103	31	178	26	235	650
04:15 PM	25	29	30	84	24	184	53	261	17	39	29	85	34	177	23	234	664
04:30 PM	47	23	19	89	26	142	47	215	14	43	31	88	40	168	22	230	622
04:45 PM	25	29	20	74	23	186	42	251	13	42	40	95	48	192	16	256	676
Total	139	107	104	350	94	638	204	936	58	169	144	371	153	715	87	955	2612
05:00 PM	24	37	22	83	32	150	59	241	16	55	55	126	32	194	25	251	701
05:15 PM	36	40	23	99	32	193	63	288	11	55	54	120	42	200	23	265	772
05:30 PM	34	29	15	78	25	160	59	244	15	38	49	102	45	166	21	232	656
05:45 PM	24	52	17	93	28	163	55	246	11	64	39	114	40	195	20	255	708
Total	118	158	77	353	117	666	236	1019	53	212	197	462	159	755	89	1003	2837
Grand Total	257	265	181	703	211	1304	440	1955	111	381	341	833	312	1470	176	1958	5449
Apprch %	36.6	37.7	25.7		10.8	66.7	22.5		13.3	45.7	40.9		15.9	75.1	9		
Total %	4.7	4.9	3.3	12.9	3.9	23.9	8.1	35.9	2	7	6.3	15.3	5.7	27	3.2	35.9	

	East Yale Loop Southbound				Barranca Parkway Westbound				East Yale Loop Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	24	37	22	83	**32**	150	59	241	**16**	55	**55**	**126**	32	194	**25**	251	701
05:15 PM	**36**	40	**23**	**99**	32	**193**	**63**	**288**	11	55	54	120	42	**200**	23	**265**	**772**
05:30 PM	34	29	15	78	25	160	59	244	15	38	49	102	**45**	166	21	232	656
05:45 PM	24	**52**	17	93	28	163	55	246	11	**64**	39	114	40	195	20	255	708
Total Volume	118	158	77	353	117	666	236	1019	53	212	197	462	159	755	89	1003	2837
% App. Total	33.4	44.8	21.8		11.5	65.4	23.2		11.5	45.9	42.6		15.9	75.3	8.9		
PHF	.819	.760	.837	.891	.914	.863	.937	.885	.828	.828	.895	.917	.883	.944	.890	.946	.919

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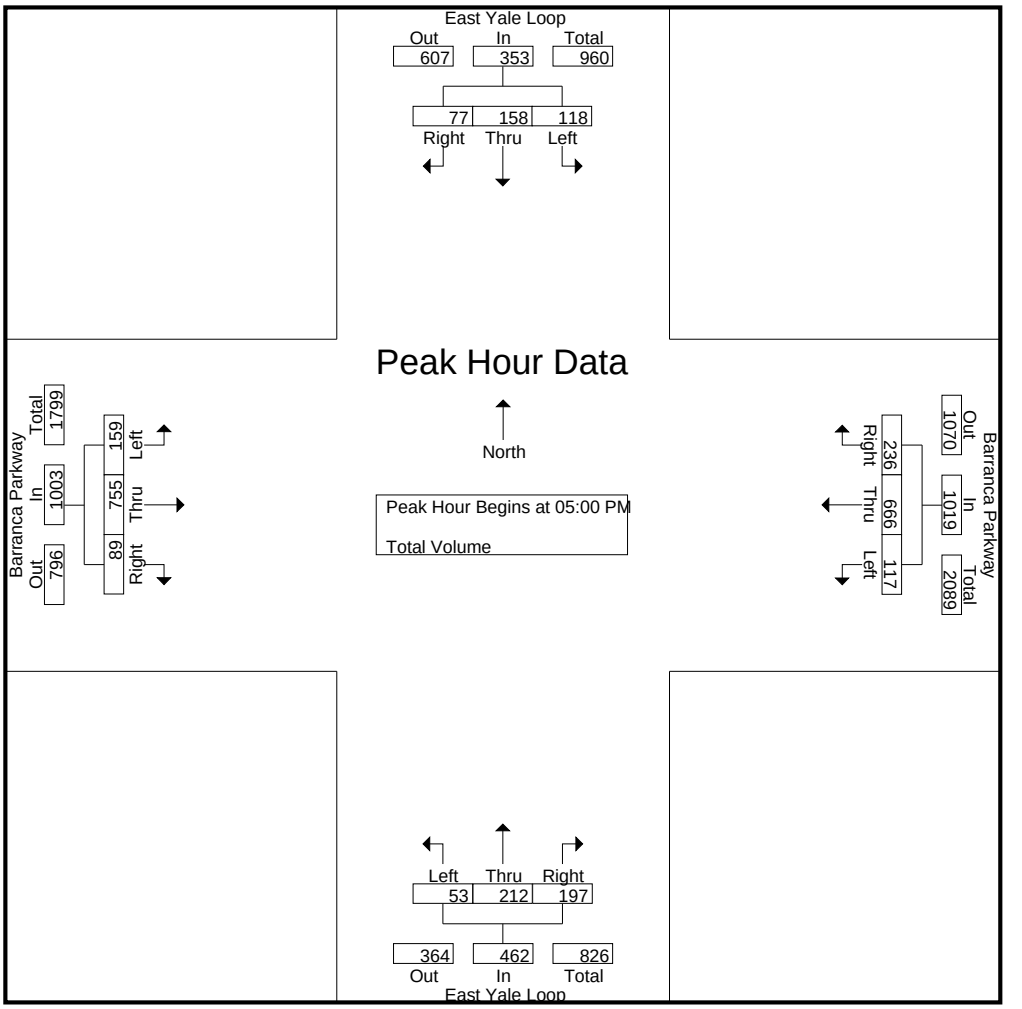

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:45 PM			
+0 mins.	24	37	22	83	23	186	42	251	**16**	55	**55**	**126**	**48**	192	16	256
+15 mins.	**36**	40	**23**	**99**	**32**	150	59	241	11	55	54	120	32	194	**25**	251
+30 mins.	34	29	15	78	32	**193**	**63**	**288**	15	38	49	102	42	**200**	23	**265**
+45 mins.	24	**52**	17	93	25	160	59	244	11	**64**	39	114	45	166	21	232
Total Volume	118	158	77	353	112	689	223	1024	53	212	197	462	167	752	85	1004
% App. Total	33.4	44.8	21.8		10.9	67.3	21.8		11.5	45.9	42.6		16.6	74.9	8.5	
PHF	.819	.760	.837	.891	.875	.892	.885	.889	.828	.828	.895	.917	.870	.940	.850	.947

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Groups Printed- Total Volume

	West Yale Loop Southbound				Alton Parkway Westbound				West Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	12	7	23	6	49	5	60	17	15	20	52	9	38	15	62	197
07:15 AM	4	9	10	23	11	67	8	86	13	16	21	50	11	59	9	79	238
07:30 AM	9	14	10	33	8	90	5	103	27	12	24	63	8	75	11	94	293
07:45 AM	5	28	9	42	9	89	8	106	20	31	38	89	9	122	25	156	393
Total	22	63	36	121	34	295	26	355	77	74	103	254	37	294	60	391	1121
08:00 AM	9	23	20	52	39	136	23	198	40	47	52	139	23	135	24	182	571
08:15 AM	25	30	47	102	50	183	30	263	47	61	44	152	53	136	6	195	712
08:30 AM	9	17	17	43	34	188	16	238	20	20	33	73	10	102	15	127	481
08:45 AM	6	18	15	39	18	171	12	201	11	17	20	48	13	107	19	139	427
Total	49	88	99	236	141	678	81	900	118	145	149	412	99	480	64	643	2191
Grand Total	71	151	135	357	175	973	107	1255	195	219	252	666	136	774	124	1034	3312
Apprch %	19.9	42.3	37.8		13.9	77.5	8.5		29.3	32.9	37.8		13.2	74.9	12		
Total %	2.1	4.6	4.1	10.8	5.3	29.4	3.2	37.9	5.9	6.6	7.6	20.1	4.1	23.4	3.7	31.2	

	West Yale Loop Southbound				Alton Parkway Westbound				West Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	23	20	52	39	136	23	198	40	47	**52**	139	23	135	**24**	182	571
08:15 AM	**25**	**30**	**47**	**102**	**50**	183	**30**	**263**	**47**	**61**	44	**152**	**53**	**136**	6	**195**	**712**
08:30 AM	9	17	17	43	34	**188**	16	238	20	20	33	73	10	102	15	127	481
08:45 AM	6	18	15	39	18	171	12	201	11	17	20	48	13	107	19	139	427
Total Volume	49	88	99	236	141	678	81	900	118	145	149	412	99	480	64	643	2191
% App. Total	20.8	37.3	41.9		15.7	75.3	9		28.6	35.2	36.2		15.4	74.7	10		
PHF	.490	.733	.527	.578	.705	.902	.675	.856	.628	.594	.716	.678	.467	.882	.667	.824	.769

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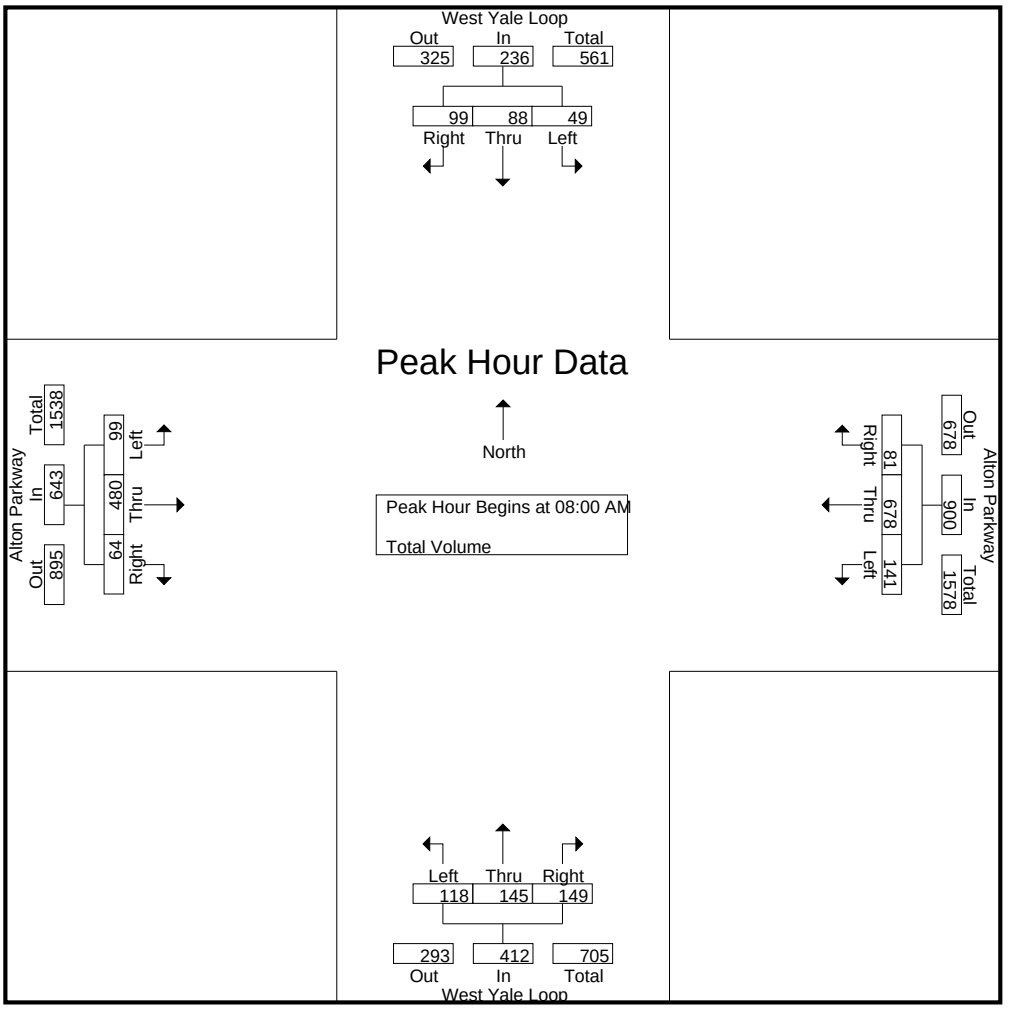

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	5	28	9	42	39	136	23	198	20	31	38	89	9	122	**25**	156
+15 mins.	9	23	20	52	**50**	183	**30**	**263**	40	47	**52**	139	23	135	24	182
+30 mins.	**25**	**30**	**47**	**102**	34	**188**	16	238	**47**	**61**	44	**152**	**53**	**136**	6	**195**
+45 mins.	9	17	17	43	18	171	12	201	20	20	33	73	10	102	15	127
Total Volume	48	98	93	239	141	678	81	900	127	159	167	453	95	495	70	660
% App. Total	20.1	41	38.9		15.7	75.3	9		28	35.1	36.9		14.4	75	10.6	
PHF	.480	.817	.495	.586	.705	.902	.675	.856	.676	.652	.803	.745	.448	.910	.700	.846

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Groups Printed- Total Volume

	West Yale Loop Southbound				Alton Parkway Westbound				West Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	15	22	45	33	194	29	256	14	13	31	58	13	150	23	186	545
04:15 PM	10	18	22	50	29	153	16	198	21	28	31	80	7	119	20	146	474
04:30 PM	8	8	28	44	25	174	18	217	19	22	25	66	14	154	30	198	525
04:45 PM	14	25	21	60	35	185	17	237	21	29	39	89	17	189	30	236	622
Total	40	66	93	199	122	706	80	908	75	92	126	293	51	612	103	766	2166
05:00 PM	14	32	30	76	28	182	15	225	12	14	31	57	16	197	39	252	610
05:15 PM	9	15	20	44	33	184	14	231	13	32	19	64	9	214	40	263	602
05:30 PM	10	21	25	56	33	185	13	231	25	29	24	78	19	237	40	296	661
05:45 PM	13	26	22	61	30	180	22	232	22	39	35	96	16	183	31	230	619
Total	46	94	97	237	124	731	64	919	72	114	109	295	60	831	150	1041	2492
Grand Total	86	160	190	436	246	1437	144	1827	147	206	235	588	111	1443	253	1807	4658
Apprch %	19.7	36.7	43.6		13.5	78.7	7.9		25	35	40		6.1	79.9	14		
Total %	1.8	3.4	4.1	9.4	5.3	30.9	3.1	39.2	3.2	4.4	5	12.6	2.4	31	5.4	38.8	

	West Yale Loop Southbound				Alton Parkway Westbound				West Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**14**	25	21	60	**35**	**185**	**17**	**237**	21	29	**39**	**89**	17	189	30	236	622
05:00 PM	14	**32**	**30**	**76**	28	182	15	225	12	14	31	57	16	197	39	252	610
05:15 PM	9	15	20	44	33	184	14	231	13	**32**	19	64	9	214	**40**	263	602
05:30 PM	10	21	25	56	33	185	13	231	**25**	29	24	78	**19**	**237**	40	**296**	**661**
Total Volume	47	93	96	236	129	736	59	924	71	104	113	288	61	837	149	1047	2495
% App. Total	19.9	39.4	40.7		14	79.7	6.4		24.7	36.1	39.2		5.8	79.9	14.2		
PHF	.839	.727	.800	.776	.921	.995	.868	.975	.710	.813	.724	.809	.803	.883	.931	.884	.944

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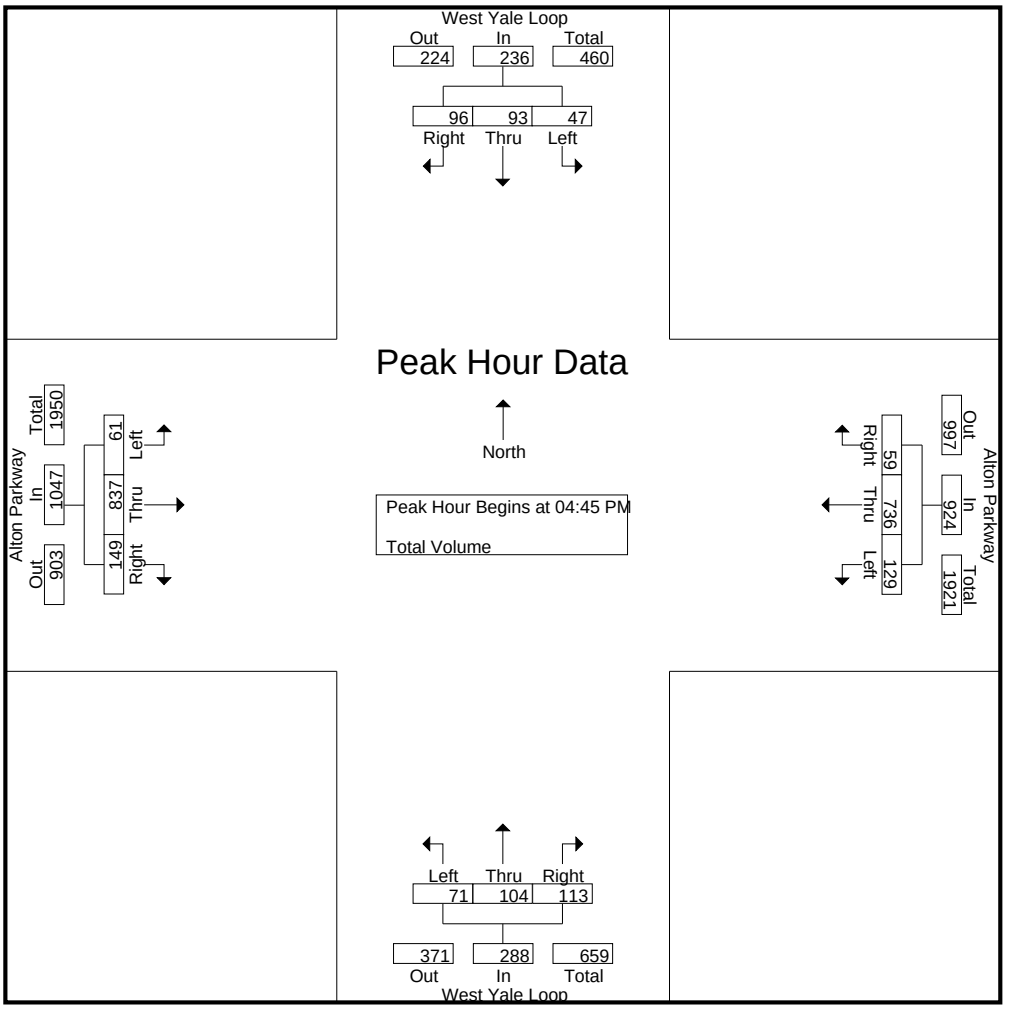

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:45 PM			
+0 mins.	**14**	**32**	**30**	**76**	**35**	**185**	**17**	**237**	12	14	31	57	17	189	30	236
+15 mins.	9	15	20	44	28	182	15	225	13	32	19	64	16	197	39	252
+30 mins.	10	21	25	56	33	184	14	231	**25**	29	24	78	9	214	**40**	263
+45 mins.	13	26	22	61	33	185	13	231	22	**39**	**35**	**96**	**19**	**237**	40	**296**
Total Volume	46	94	97	237	129	736	59	924	72	114	109	295	61	837	149	1047
% App. Total	19.4	39.7	40.9		14	79.7	6.4		24.4	38.6	36.9		5.8	79.9	14.2	
PHF	.821	.734	.808	.780	.921	.995	.868	.975	.720	.731	.779	.768	.803	.883	.931	.884

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Groups Printed- Total Volume

	East Yale Loop Southbound				Alton Parkway Westbound				East Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	11	5	5	21	29	46	15	90	11	19	55	85	13	51	6	70	266
07:15 AM	20	9	8	37	50	77	19	146	15	28	76	119	12	41	21	74	376
07:30 AM	26	17	4	47	39	76	22	137	17	38	105	160	12	87	11	110	454
07:45 AM	28	39	11	78	100	109	30	239	23	48	122	193	21	76	26	123	633
Total	85	70	28	183	218	308	86	612	66	133	358	557	58	255	64	377	1729
08:00 AM	33	44	26	103	84	193	35	312	43	84	130	257	21	93	44	158	830
08:15 AM	54	24	67	145	56	217	38	311	72	77	127	276	20	134	33	187	919
08:30 AM	49	22	18	89	45	161	37	243	24	37	83	144	30	142	19	191	667
08:45 AM	41	22	10	73	53	167	22	242	20	38	81	139	23	90	10	123	577
Total	177	112	121	410	238	738	132	1108	159	236	421	816	94	459	106	659	2993
Grand Total	262	182	149	593	456	1046	218	1720	225	369	779	1373	152	714	170	1036	4722
Apprch %	44.2	30.7	25.1		26.5	60.8	12.7		16.4	26.9	56.7		14.7	68.9	16.4		
Total %	5.5	3.9	3.2	12.6	9.7	22.2	4.6	36.4	4.8	7.8	16.5	29.1	3.2	15.1	3.6	21.9	

	East Yale Loop Southbound				Alton Parkway Westbound				East Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	28	39	11	78	**100**	109	30	239	23	48	122	193	21	76	26	123	633
08:00 AM	33	**44**	26	103	84	193	35	**312**	43	**84**	**130**	257	21	93	**44**	158	830
08:15 AM	**54**	24	**67**	**145**	56	**217**	**38**	311	**72**	77	127	**276**	20	134	33	187	**919**
08:30 AM	49	22	18	89	45	161	37	243	24	37	83	144	**30**	**142**	19	**191**	667
Total Volume	164	129	122	415	285	680	140	1105	162	246	462	870	92	445	122	659	3049
% App. Total	39.5	31.1	29.4		25.8	61.5	12.7		18.6	28.3	53.1		14	67.5	18.5		
PHF	.759	.733	.455	.716	.713	.783	.921	.885	.563	.732	.888	.788	.767	.783	.693	.863	.829

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E/W: Alton Parkway
Weather: Clear

File Name : 271_IRV_EYL_Alt AM1
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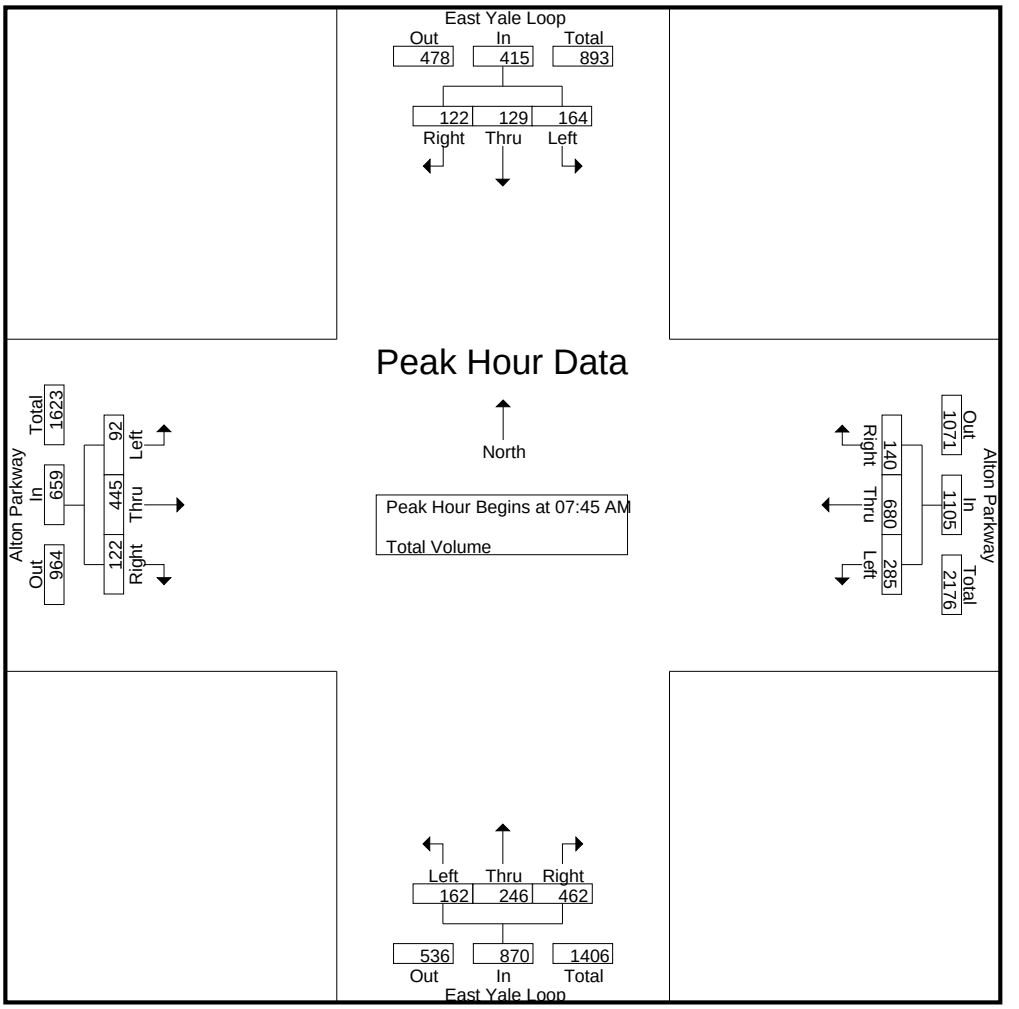

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:30 AM				07:45 AM			
+0 mins.	28	39	11	78	**84**	193	35	**312**	17	38	105	160	21	76	26	123
+15 mins.	33	**44**	26	103	56	**217**	**38**	311	23	48	122	193	21	93	**44**	158
+30 mins.	**54**	24	**67**	**145**	45	161	37	243	43	**84**	**130**	257	20	134	33	187
+45 mins.	49	22	18	89	53	167	22	242	**72**	77	127	**276**	**30**	**142**	19	**191**
Total Volume	164	129	122	415	238	738	132	1108	155	247	484	886	92	445	122	659
% App. Total	39.5	31.1	29.4		21.5	66.6	11.9		17.5	27.9	54.6		14	67.5	18.5	
PHF	.759	.733	.455	.716	.708	.850	.868	.888	.538	.735	.931	.803	.767	.783	.693	.863

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City of Irvine
N/S: East Yale Loop
E/W: Alton Parkway
Weather: Clear

File Name : 271_IRV_EYL_Alt PM1
Site Code : 05124139
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Groups Printed- Total Volume

	East Yale Loop Southbound				Alton Parkway Westbound				East Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	42	21	14	77	82	148	23	253	23	38	54	115	27	125	20	172	617
04:15 PM	35	23	18	76	73	126	21	220	25	37	64	126	23	126	24	173	595
04:30 PM	33	33	19	85	77	162	22	261	21	31	64	116	30	118	25	173	635
04:45 PM	32	27	14	73	88	163	28	279	15	32	57	104	27	153	28	208	664
Total	142	104	65	311	320	599	94	1013	84	138	239	461	107	522	97	726	2511
05:00 PM	53	32	19	104	76	167	28	271	30	37	47	114	22	164	28	214	703
05:15 PM	40	38	21	99	84	174	27	285	15	22	49	86	48	150	33	231	701
05:30 PM	30	31	13	74	102	161	15	278	14	35	58	107	31	233	33	297	756
05:45 PM	43	43	24	110	108	139	25	272	21	38	58	117	42	153	27	222	721
Total	166	144	77	387	370	641	95	1106	80	132	212	424	143	700	121	964	2881
Grand Total	308	248	142	698	690	1240	189	2119	164	270	451	885	250	1222	218	1690	5392
Apprch %	44.1	35.5	20.3		32.6	58.5	8.9		18.5	30.5	51		14.8	72.3	12.9		
Total %	5.7	4.6	2.6	12.9	12.8	23	3.5	39.3	3	5	8.4	16.4	4.6	22.7	4	31.3	

	East Yale Loop Southbound				Alton Parkway Westbound				East Yale Loop Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**53**	32	19	104	76	167	**28**	271	**30**	37	47	114	22	164	28	214	703
05:15 PM	40	38	21	99	84	**174**	27	**285**	15	22	49	86	**48**	150	**33**	231	701
05:30 PM	30	31	13	74	102	161	15	278	14	35	**58**	107	31	**233**	33	**297**	**756**
05:45 PM	43	**43**	**24**	**110**	**108**	139	25	272	21	**38**	58	**117**	42	153	27	222	721
Total Volume	166	144	77	387	370	641	95	1106	80	132	212	424	143	700	121	964	2881
% App. Total	42.9	37.2	19.9		33.5	58	8.6		18.9	31.1	50		14.8	72.6	12.6		
PHF	.783	.837	.802	.880	.856	.921	.848	.970	.667	.868	.914	.906	.745	.751	.917	.811	.953

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City of Irvine
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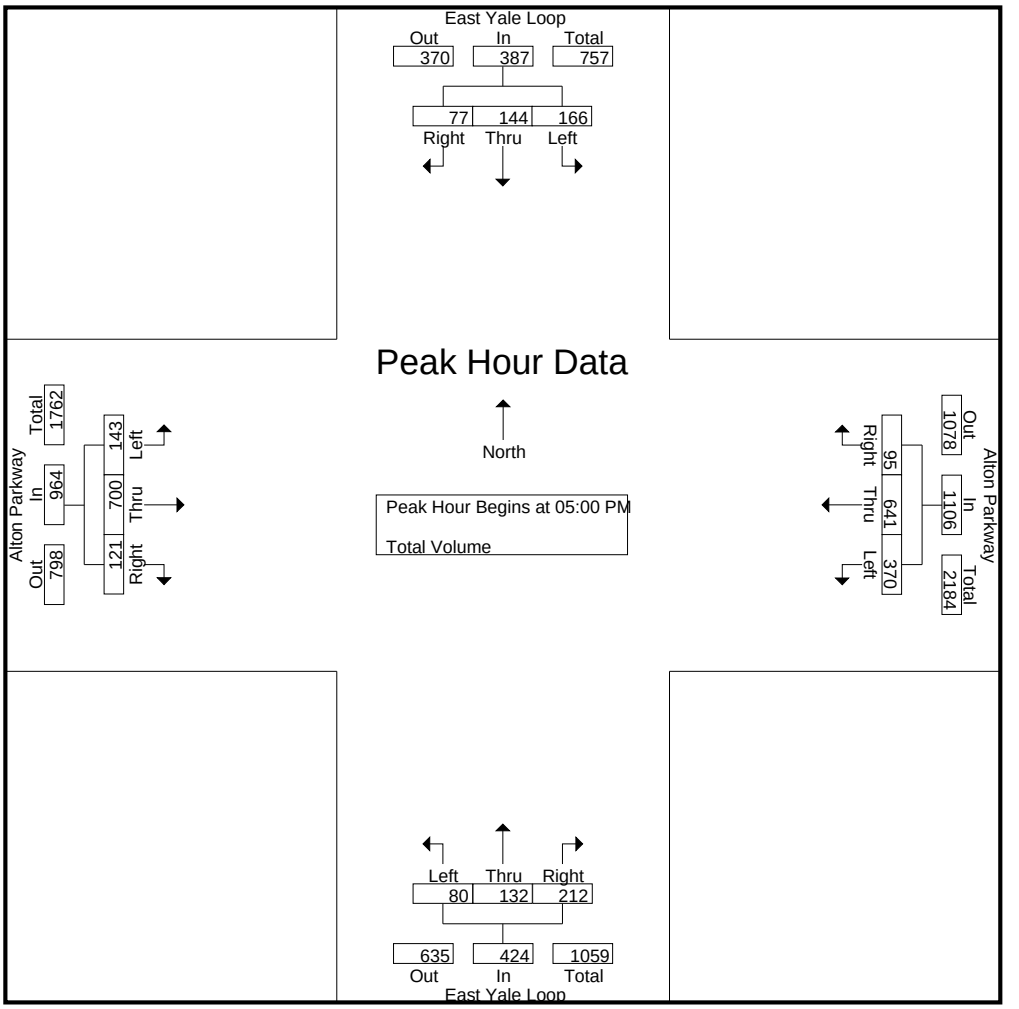

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	**53**	32	19	104	88	163	**28**	279	23	**38**	54	115	22	164	28	214
+15 mins.	40	38	21	99	76	167	28	271	**25**	37	**64**	**126**	**48**	150	**33**	231
+30 mins.	30	31	13	74	84	**174**	27	**285**	21	31	64	116	31	**233**	33	**297**
+45 mins.	43	**43**	**24**	**110**	**102**	161	15	278	15	32	57	104	42	153	27	222
Total Volume	166	144	77	387	350	665	98	1113	84	138	239	461	143	700	121	964
% App. Total	42.9	37.2	19.9		31.4	59.7	8.8		18.2	29.9	51.8		14.8	72.6	12.6	
PHF	.783	.837	.802	.880	.858	.955	.875	.976	.840	.908	.934	.915	.745	.751	.917	.811

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City of Irvine
N/S: Jeffrey Road
E/W: Portola Parkway
Weather: Clear

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Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Portola Parkway Westbound				Jeffrey Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	2	10	13	19	41	2	62	30	12	6	48	7	88	36	131	254
07:15 AM	4	2	11	17	19	76	1	96	44	1	22	67	7	135	28	170	350
07:30 AM	1	3	3	7	39	95	3	137	51	5	38	94	5	195	61	261	499
07:45 AM	6	1	3	10	77	156	2	235	140	2	12	154	9	139	76	224	623
Total	12	8	27	47	154	368	8	530	265	20	78	363	28	557	201	786	1726
08:00 AM	0	4	5	9	68	191	3	262	245	4	29	278	0	106	127	233	782
08:15 AM	0	0	2	2	47	134	6	187	115	1	27	143	5	181	165	351	683
08:30 AM	0	2	6	8	32	88	4	124	38	4	19	61	6	177	145	328	521
08:45 AM	3	1	3	7	40	91	3	134	53	0	16	69	3	147	55	205	415
Total	3	7	16	26	187	504	16	707	451	9	91	551	14	611	492	1117	2401
Grand Total	15	15	43	73	341	872	24	1237	716	29	169	914	42	1168	693	1903	4127
Apprch %	20.5	20.5	58.9		27.6	70.5	1.9		78.3	3.2	18.5		2.2	61.4	36.4		
Total %	0.4	0.4	1	1.8	8.3	21.1	0.6	30	17.3	0.7	4.1	22.1	1	28.3	16.8	46.1	

	Jeffrey Road Southbound				Portola Parkway Westbound				Jeffrey Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**6**	1	3	**10**	**77**	156	2	235	140	2	12	154	**9**	139	76	224	623
08:00 AM	0	**4**	5	9	68	**191**	3	**262**	**245**	**4**	**29**	**278**	0	106	127	233	**782**
08:15 AM	0	0	2	2	47	134	**6**	187	115	1	27	143	5	**181**	**165**	**351**	683
08:30 AM	0	2	**6**	8	32	88	4	124	38	4	19	61	6	177	145	328	521
Total Volume	6	7	16	29	224	569	15	808	538	11	87	636	20	603	513	1136	2609
% App. Total	20.7	24.1	55.2		27.7	70.4	1.9		84.6	1.7	13.7		1.8	53.1	45.2		
PHF	.250	.438	.667	.725	.727	.745	.625	.771	.549	.688	.750	.572	.556	.833	.777	.809	.834

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City of Irvine
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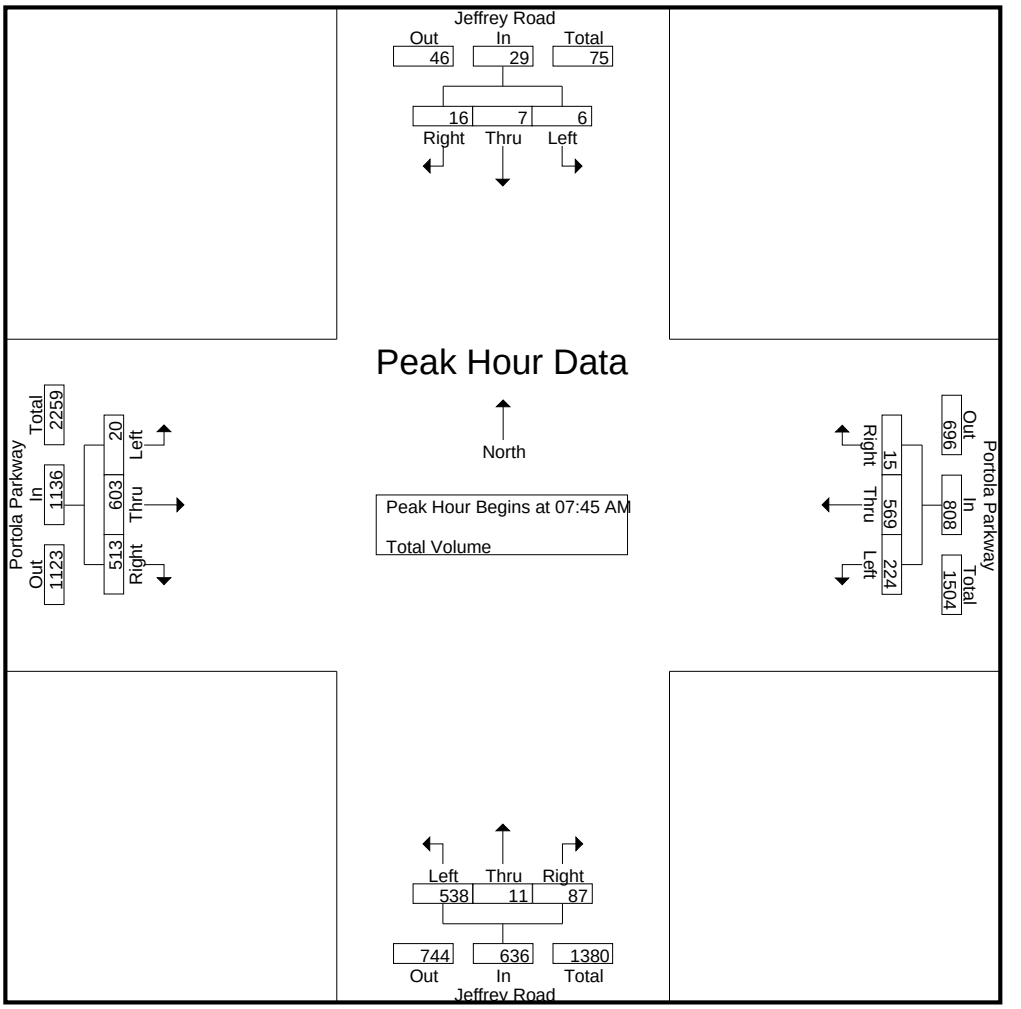

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				07:30 AM				07:45 AM			
+0 mins.	1	2	10	13	39	95	3	137	51	**5**	**38**	94	**9**	139	76	224
+15 mins.	4	2	**11**	**17**	**77**	156	2	235	140	2	12	154	0	106	127	233
+30 mins.	1	**3**	3	7	68	**191**	3	**262**	**245**	4	29	**278**	5	**181**	**165**	**351**
+45 mins.	**6**	1	3	10	47	134	**6**	187	115	1	27	143	6	177	145	328
Total Volume	12	8	27	47	231	576	14	821	551	12	106	669	20	603	513	1136
% App. Total	25.5	17	57.4		28.1	70.2	1.7		82.4	1.8	15.8		1.8	53.1	45.2	
PHF	.500	.667	.614	.691	.750	.754	.583	.783	.562	.600	.697	.602	.556	.833	.777	.809

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City of Irvine
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Portola Parkway Westbound				Jeffrey Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	3	21	24	22	201	3	226	116	3	35	154	1	120	110	231	635
04:15 PM	0	2	11	13	36	183	0	219	122	1	31	154	1	117	84	202	588
04:30 PM	1	1	8	10	35	179	0	214	99	2	27	128	1	111	65	177	529
04:45 PM	0	4	4	8	32	125	0	157	123	1	39	163	3	128	32	163	491
Total	1	10	44	55	125	688	3	816	460	7	132	599	6	476	291	773	2243
05:00 PM	0	0	6	6	24	181	1	206	101	2	36	139	0	106	62	168	519
05:15 PM	1	0	2	3	41	208	3	252	99	1	38	138	5	105	37	147	540
05:30 PM	1	1	5	7	43	197	1	241	88	3	44	135	2	138	80	220	603
05:45 PM	0	0	6	6	36	178	0	214	99	3	49	151	5	131	60	196	567
Total	2	1	19	22	144	764	5	913	387	9	167	563	12	480	239	731	2229
Grand Total	3	11	63	77	269	1452	8	1729	847	16	299	1162	18	956	530	1504	4472
Apprch %	3.9	14.3	81.8		15.6	84	0.5		72.9	1.4	25.7		1.2	63.6	35.2		
Total %	0.1	0.2	1.4	1.7	6	32.5	0.2	38.7	18.9	0.4	6.7	26	0.4	21.4	11.9	33.6	

	Jeffrey Road Southbound				Portola Parkway Westbound				Jeffrey Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	3	**21**	**24**	22	**201**	**3**	**226**	116	**3**	35	154	1	120	**110**	**231**	**635**
04:15 PM	0	2	11	13	**36**	183	0	219	122	1	31	154	1	117	84	202	588
04:30 PM	**1**	1	8	10	35	179	0	214	99	2	27	128	1	111	65	177	529
04:45 PM	0	**4**	4	8	32	125	0	157	**123**	1	**39**	**163**	**3**	**128**	32	163	491
Total Volume	1	10	44	55	125	688	3	816	460	7	132	599	6	476	291	773	2243
% App. Total	1.8	18.2	80		15.3	84.3	0.4		76.8	1.2	22		0.8	61.6	37.6		
PHF	.250	.625	.524	.573	.868	.856	.250	.903	.935	.583	.846	.919	.500	.930	.661	.837	.883

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City of Irvine
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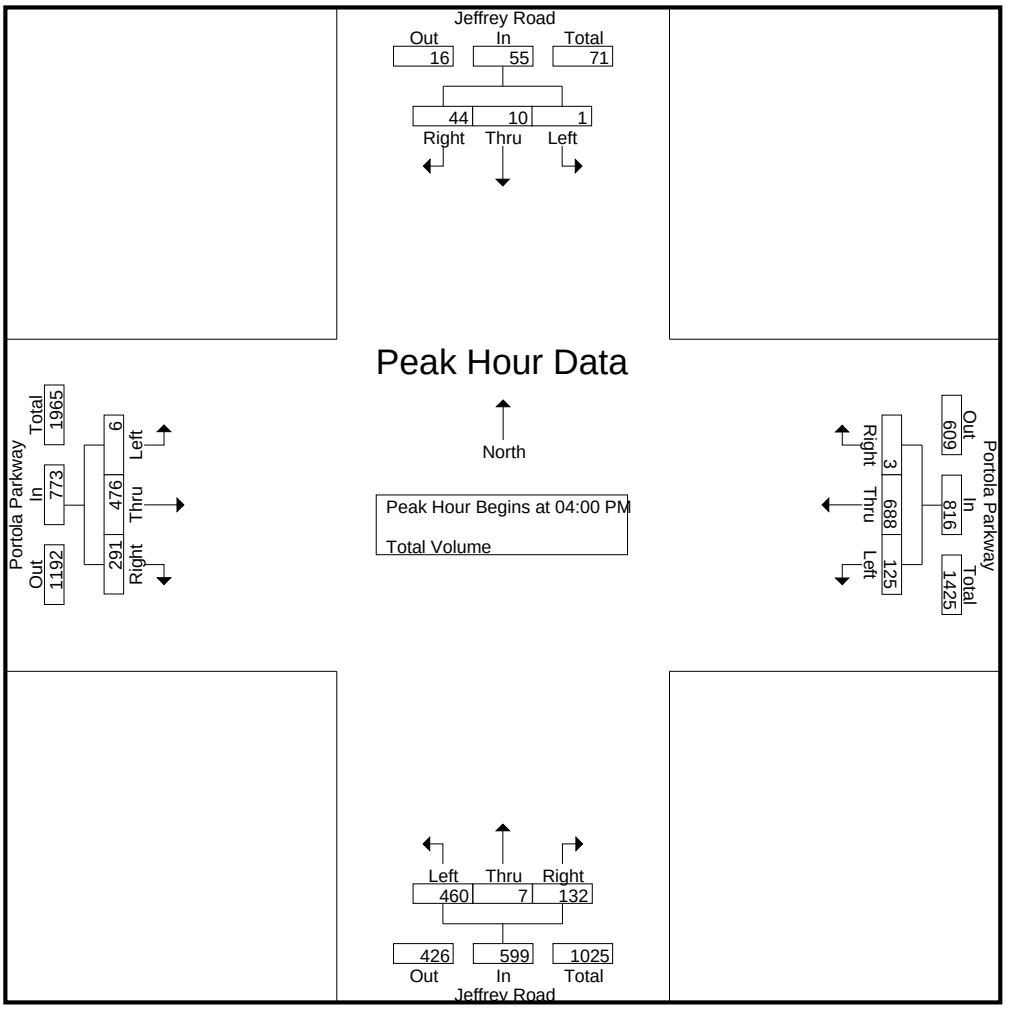

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	3	**21**	**24**	24	181	1	206	116	**3**	35	154	1	120	**110**	**231**
+15 mins.	0	2	11	13	41	**208**	**3**	**252**	122	1	31	154	1	117	84	202
+30 mins.	**1**	1	8	10	**43**	197	1	241	99	2	27	128	1	111	65	177
+45 mins.	0	**4**	4	8	36	178	0	214	**123**	1	**39**	**163**	**3**	**128**	32	163
Total Volume	1	10	44	55	144	764	5	913	460	7	132	599	6	476	291	773
% App. Total	1.8	18.2	80		15.8	83.7	0.5		76.8	1.2	22		0.8	61.6	37.6	
PHF	.250	.625	.524	.573	.837	.918	.417	.906	.935	.583	.846	.919	.500	.930	.661	.837

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City of Irvine
N/S: Jeffrey Road
E/W: Irvine Boulevard
Weather: Clear

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Groups Printed- Total Volume

	Jeffrey Road Southbound				Irvine Boulevard Westbound				Jeffrey Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	86	11	106	60	83	13	156	13	42	39	94	7	76	22	105	461
07:15 AM	12	77	9	98	72	129	9	210	17	53	42	112	7	128	33	168	588
07:30 AM	19	157	60	236	143	228	12	383	22	76	65	163	10	137	40	187	969
07:45 AM	35	218	68	321	151	303	32	486	40	102	60	202	35	138	38	211	1220
Total	75	538	148	761	426	743	66	1235	92	273	206	571	59	479	133	671	3238
08:00 AM	49	210	40	299	116	251	28	395	37	167	66	270	48	165	41	254	1218
08:15 AM	55	199	30	284	123	213	27	363	36	94	73	203	14	142	51	207	1057
08:30 AM	49	199	23	271	133	222	10	365	27	72	78	177	8	146	58	212	1025
08:45 AM	46	138	26	210	101	189	23	313	43	53	46	142	9	137	68	214	879
Total	199	746	119	1064	473	875	88	1436	143	386	263	792	79	590	218	887	4179
Grand Total	274	1284	267	1825	899	1618	154	2671	235	659	469	1363	138	1069	351	1558	7417
Apprch %	15	70.4	14.6		33.7	60.6	5.8		17.2	48.3	34.4		8.9	68.6	22.5		
Total %	3.7	17.3	3.6	24.6	12.1	21.8	2.1	36	3.2	8.9	6.3	18.4	1.9	14.4	4.7	21	

	Jeffrey Road Southbound				Irvine Boulevard Westbound				Jeffrey Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	35	**218**	**68**	**321**	**151**	**303**	**32**	**486**	**40**	102	60	202	35	138	38	211	**1220**
08:00 AM	49	210	40	299	116	251	28	395	37	**167**	66	**270**	**48**	**165**	41	**254**	1218
08:15 AM	**55**	199	30	284	123	213	27	363	36	94	73	203	14	142	51	207	1057
08:30 AM	49	199	23	271	133	222	10	365	27	72	**78**	177	8	146	**58**	212	1025
Total Volume	188	826	161	1175	523	989	97	1609	140	435	277	852	105	591	188	884	4520
% App. Total	16	70.3	13.7		32.5	61.5	6		16.4	51.1	32.5		11.9	66.9	21.3		
PHF	.855	.947	.592	.915	.866	.816	.758	.828	.875	.651	.888	.789	.547	.895	.810	.870	.926

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City of Irvine
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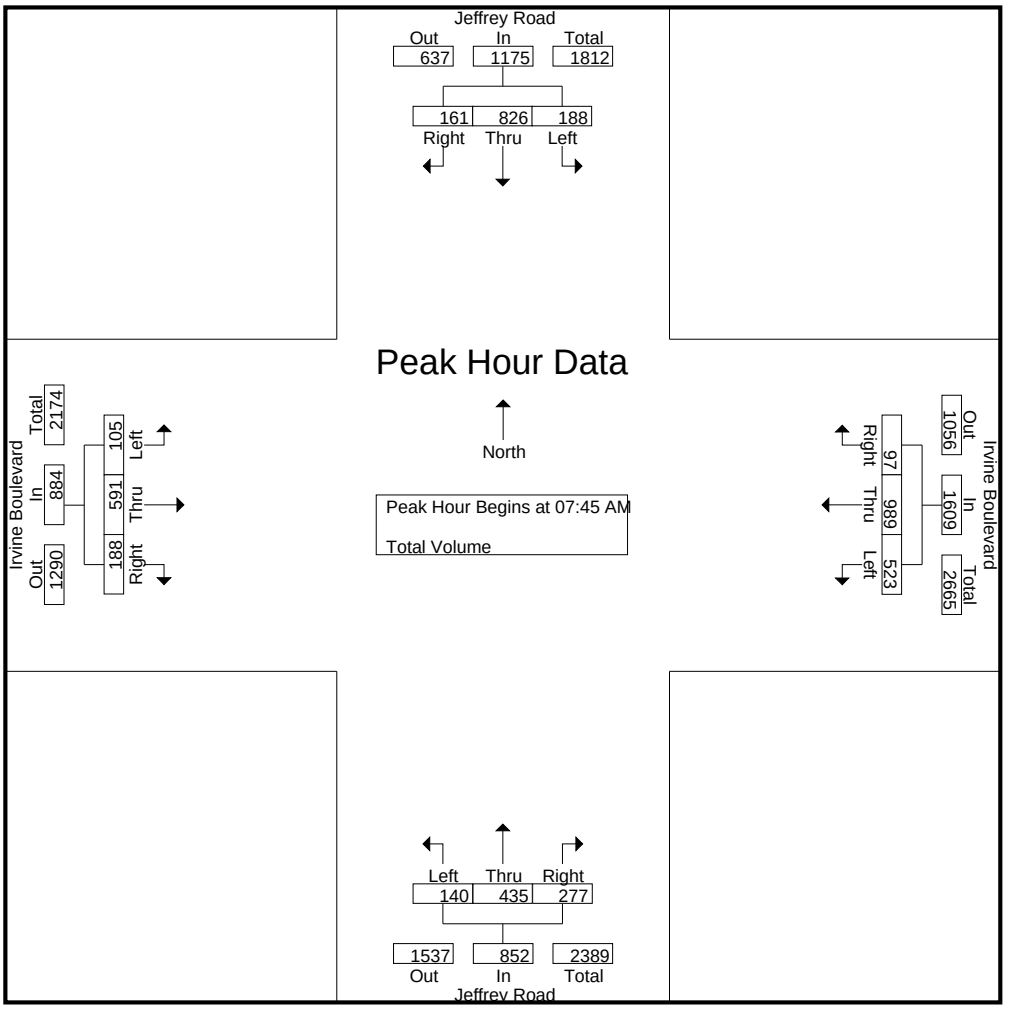

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				08:00 AM			
+0 mins.	35	**218**	**68**	**321**	143	228	12	383	**40**	102	60	202	**48**	**165**	41	**254**
+15 mins.	49	210	40	299	**151**	**303**	**32**	**486**	37	**167**	66	**270**	14	142	51	207
+30 mins.	**55**	199	30	284	116	251	28	395	36	94	73	203	8	146	58	212
+45 mins.	49	199	23	271	123	213	27	363	27	72	**78**	177	9	137	**68**	214
Total Volume	188	826	161	1175	533	995	99	1627	140	435	277	852	79	590	218	887
% App. Total	16	70.3	13.7		32.8	61.2	6.1		16.4	51.1	32.5		8.9	66.5	24.6	
PHF	.855	.947	.592	.915	.882	.821	.773	.837	.875	.651	.888	.789	.411	.894	.801	.873

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City of Irvine
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Irvine Boulevard Westbound				Jeffrey Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	26	124	27	177	61	246	15	322	77	193	118	388	19	143	52	214	1101
04:15 PM	28	110	30	168	61	341	37	439	79	135	112	326	17	198	44	259	1192
04:30 PM	24	116	33	173	59	233	21	313	114	175	110	399	25	153	37	215	1100
04:45 PM	30	95	21	146	87	291	27	405	109	155	131	395	35	208	42	285	1231
Total	108	445	111	664	268	1111	100	1479	379	658	471	1508	96	702	175	973	4624
05:00 PM	27	108	30	165	45	265	24	334	79	201	112	392	25	162	52	239	1130
05:15 PM	20	97	28	145	71	383	30	484	94	161	141	396	29	233	52	314	1339
05:30 PM	25	120	43	188	75	235	24	334	97	189	134	420	37	188	44	269	1211
05:45 PM	29	91	32	152	85	273	35	393	81	176	163	420	35	219	35	289	1254
Total	101	416	133	650	276	1156	113	1545	351	727	550	1628	126	802	183	1111	4934
Grand Total	209	861	244	1314	544	2267	213	3024	730	1385	1021	3136	222	1504	358	2084	9558
Apprch %	15.9	65.5	18.6		18	75	7		23.3	44.2	32.6		10.7	72.2	17.2		
Total %	2.2	9	2.6	13.7	5.7	23.7	2.2	31.6	7.6	14.5	10.7	32.8	2.3	15.7	3.7	21.8	

	Jeffrey Road Southbound				Irvine Boulevard Westbound				Jeffrey Road Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	27	108	30	165	45	265	24	334	79	**201**	112	392	25	162	**52**	239	1130
05:15 PM	20	97	28	145	71	**383**	30	**484**	94	161	141	396	29	**233**	52	**314**	**1339**
05:30 PM	25	**120**	**43**	**188**	75	235	24	334	**97**	189	134	**420**	**37**	188	44	269	1211
05:45 PM	**29**	91	32	152	**85**	273	**35**	393	81	176	**163**	420	35	219	35	289	1254
Total Volume	101	416	133	650	276	1156	113	1545	351	727	550	1628	126	802	183	1111	4934
% App. Total	15.5	64	20.5		17.9	74.8	7.3		21.6	44.7	33.8		11.3	72.2	16.5		
PHF	.871	.867	.773	.864	.812	.755	.807	.798	.905	.904	.844	.969	.851	.861	.880	.885	.921

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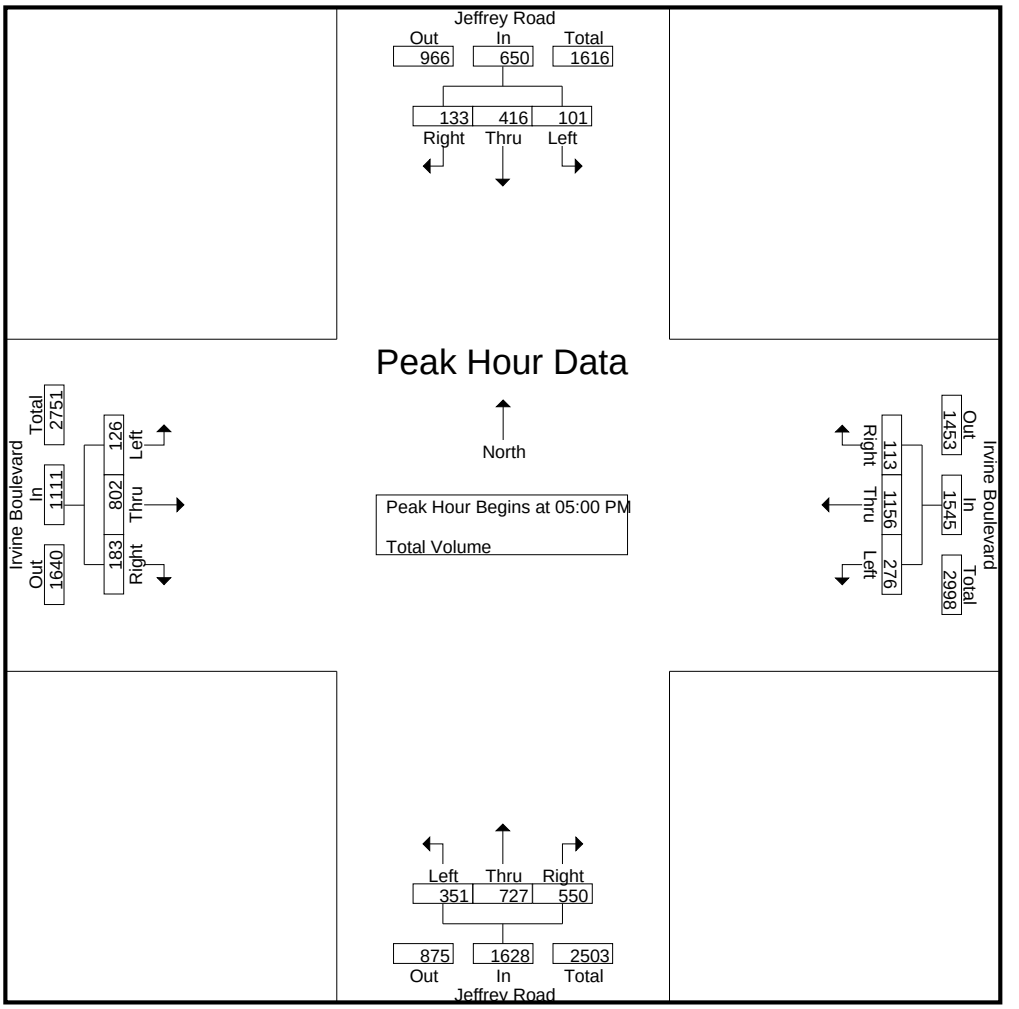
City of Irvine
N/S: Jeffrey Road
E/W: Irvine Boulevard
Weather: Clear

File Name : 283_IRV_Jeff_IrB PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	26	**124**	27	**177**	**87**	291	27	405	79	**201**	112	392	25	162	**52**	239
+15 mins.	28	110	30	168	45	265	24	334	94	161	141	396	29	**233**	52	**314**
+30 mins.	24	116	**33**	173	71	**383**	**30**	**484**	**97**	189	134	**420**	**37**	188	44	269
+45 mins.	**30**	95	21	146	75	235	24	334	81	176	**163**	420	35	219	35	289
Total Volume	108	445	111	664	278	1174	105	1557	351	727	550	1628	126	802	183	1111
% App. Total	16.3	67	16.7		17.9	75.4	6.7		21.6	44.7	33.8		11.3	72.2	16.5	
PHF	.900	.897	.841	.938	.799	.766	.875	.804	.905	.904	.844	.969	.851	.861	.880	.885

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City of Irvine
N/S: Jeffrey Road
E/W: Bryan Ave/Long Meadow
Weather: Clear

File Name : 284_IRV_Jeff_Bry AM1
Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Long Meadow Westbound				Jeffrey Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	131	12	144	40	9	3	52	15	66	13	94	8	6	18	32	322
07:15 AM	4	173	11	188	66	16	2	84	24	89	20	133	29	12	29	70	475
07:30 AM	5	264	27	296	72	19	9	100	28	122	9	159	35	10	33	78	633
07:45 AM	13	318	74	405	91	34	20	145	33	130	41	204	50	11	56	117	871
Total	23	886	124	1033	269	78	34	381	100	407	83	590	122	39	136	297	2301
08:00 AM	12	327	27	366	105	27	27	159	49	203	32	284	74	8	45	127	936
08:15 AM	9	323	29	361	93	28	9	130	34	139	45	218	27	16	48	91	800
08:30 AM	8	344	28	380	68	28	4	100	35	166	36	237	20	15	53	88	805
08:45 AM	6	283	14	303	58	30	7	95	23	111	21	155	16	22	43	81	634
Total	35	1277	98	1410	324	113	47	484	141	619	134	894	137	61	189	387	3175
Grand Total	58	2163	222	2443	593	191	81	865	241	1026	217	1484	259	100	325	684	5476
Apprch %	2.4	88.5	9.1		68.6	22.1	9.4		16.2	69.1	14.6		37.9	14.6	47.5		
Total %	1.1	39.5	4.1	44.6	10.8	3.5	1.5	15.8	4.4	18.7	4	27.1	4.7	1.8	5.9	12.5	

	Jeffrey Road Southbound				Long Meadow Westbound				Jeffrey Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**13**	318	**74**	**405**	91	**34**	20	145	33	130	41	204	50	11	**56**	117	871
08:00 AM	12	327	27	366	**105**	27	**27**	**159**	**49**	**203**	32	**284**	**74**	8	45	**127**	**936**
08:15 AM	9	323	29	361	93	28	9	130	34	139	**45**	218	27	**16**	48	91	800
08:30 AM	8	**344**	28	380	68	28	4	100	35	166	36	237	20	15	53	88	805
Total Volume	42	1312	158	1512	357	117	60	534	151	638	154	943	171	50	202	423	3412
% App. Total	2.8	86.8	10.4		66.9	21.9	11.2		16	67.7	16.3		40.4	11.8	47.8		
PHF	.808	.953	.534	.933	.850	.860	.556	.840	.770	.786	.856	.830	.578	.781	.902	.833	.911

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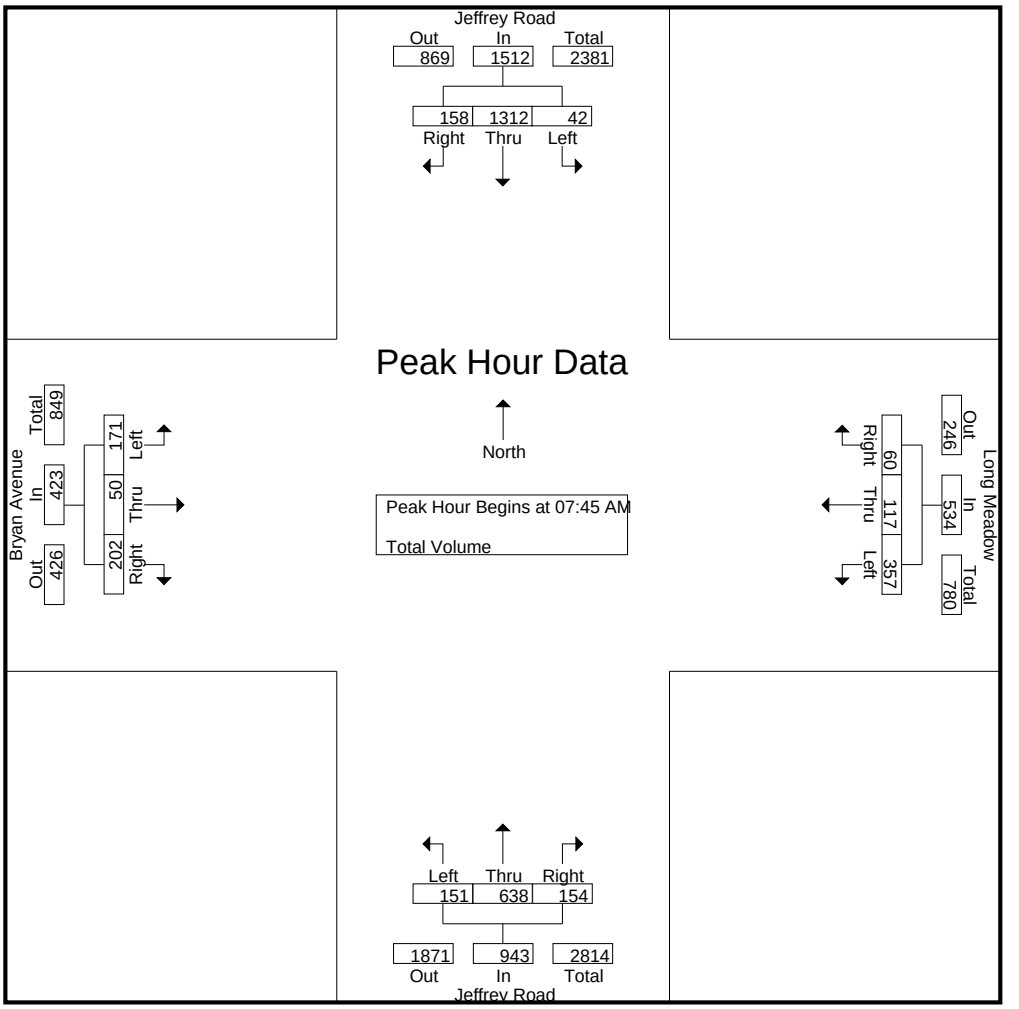

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	**13**	318	**74**	**405**	72	19	9	100	33	130	41	204	50	11	**56**	117
+15 mins.	12	327	27	366	91	**34**	20	145	**49**	**203**	32	**284**	**74**	8	45	**127**
+30 mins.	9	323	29	361	**105**	27	**27**	**159**	34	139	**45**	218	27	**16**	48	91
+45 mins.	8	**344**	28	380	93	28	9	130	35	166	36	237	20	15	53	88
Total Volume	42	1312	158	1512	361	108	65	534	151	638	154	943	171	50	202	423
% App. Total	2.8	86.8	10.4		67.6	20.2	12.2		16	67.7	16.3		40.4	11.8	47.8	
PHF	.808	.953	.534	.933	.860	.794	.602	.840	.770	.786	.856	.830	.578	.781	.902	.833

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Groups Printed- Total Volume

	Jeffrey Road Southbound				Long Meadow Westbound				Jeffrey Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	211	21	240	31	35	9	75	44	366	66	476	27	36	28	91	882
04:15 PM	10	175	27	212	32	34	10	76	70	269	46	385	32	30	23	85	758
04:30 PM	4	190	28	222	24	34	12	70	60	403	61	524	19	36	31	86	902
04:45 PM	10	200	20	230	34	25	7	66	73	364	50	487	25	35	37	97	880
Total	32	776	96	904	121	128	38	287	247	1402	223	1872	103	137	119	359	3422
05:00 PM	9	179	16	204	26	21	10	57	46	358	84	488	25	26	31	82	831
05:15 PM	9	170	22	201	32	35	17	84	93	328	77	498	17	54	28	99	882
05:30 PM	11	210	29	250	31	32	16	79	58	429	83	570	27	37	38	102	1001
05:45 PM	7	171	28	206	39	36	14	89	60	330	77	467	33	37	39	109	871
Total	36	730	95	861	128	124	57	309	257	1445	321	2023	102	154	136	392	3585
Grand Total	68	1506	191	1765	249	252	95	596	504	2847	544	3895	205	291	255	751	7007
Apprch %	3.9	85.3	10.8		41.8	42.3	15.9		12.9	73.1	14		27.3	38.7	34		
Total %	1	21.5	2.7	25.2	3.6	3.6	1.4	8.5	7.2	40.6	7.8	55.6	2.9	4.2	3.6	10.7	

	Jeffrey Road Southbound				Long Meadow Westbound				Jeffrey Road Northbound				Bryan Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	10	200	20	230	**34**	25	7	66	73	364	50	487	25	35	37	97	880
05:00 PM	9	179	16	204	26	21	10	57	46	358	**84**	488	25	26	31	82	831
05:15 PM	9	170	22	201	32	**35**	**17**	**84**	**93**	328	77	498	17	**54**	28	99	882
05:30 PM	**11**	**210**	**29**	**250**	31	32	16	79	58	**429**	83	**570**	**27**	37	**38**	**102**	**1001**
Total Volume	39	759	87	885	123	113	50	286	270	1479	294	2043	94	152	134	380	3594
% App. Total	4.4	85.8	9.8		43	39.5	17.5		13.2	72.4	14.4		24.7	40	35.3		
PHF	.886	.904	.750	.885	.904	.807	.735	.851	.726	.862	.875	.896	.870	.704	.882	.931	.898

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File Name : 284_IRV_Jeff_Bry PM1
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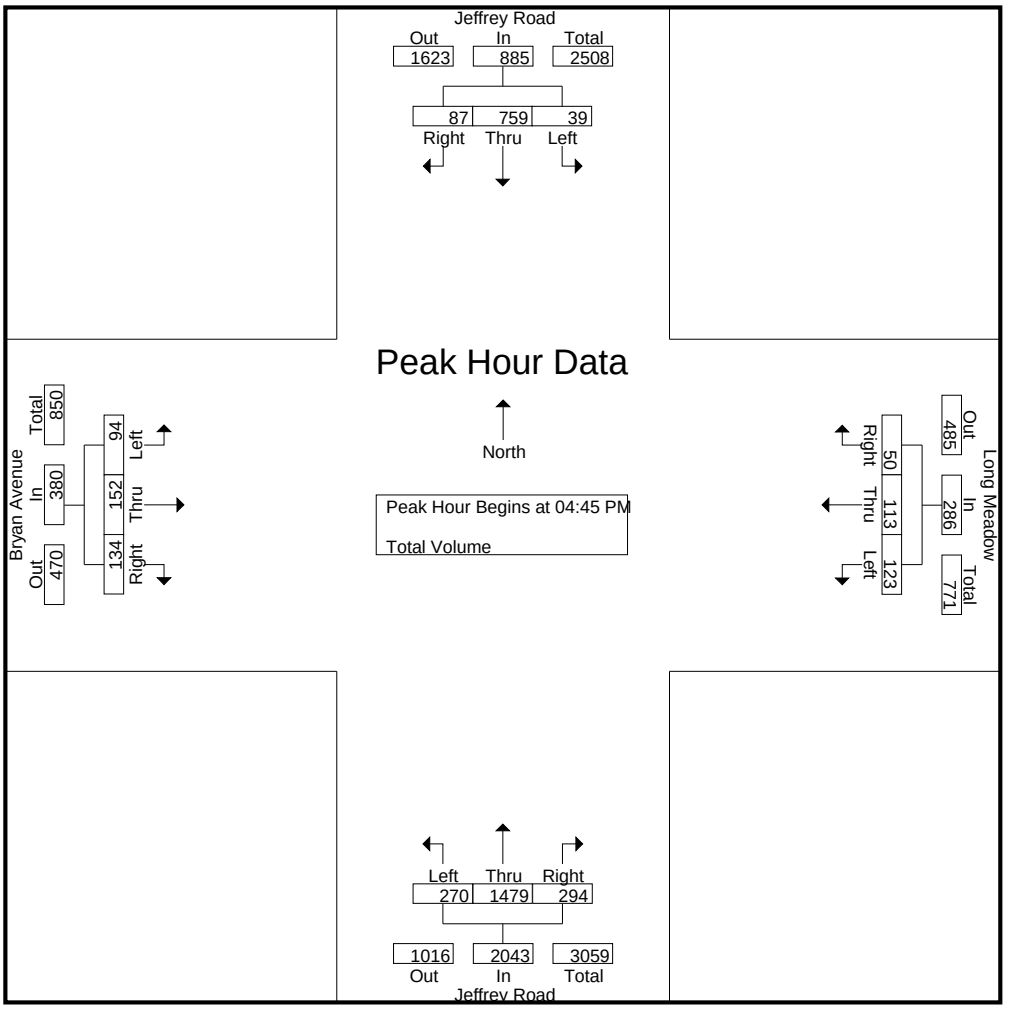

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	8	**211**	21	**240**	26	21	10	57	73	364	50	487	25	26	31	82
+15 mins.	**10**	175	27	212	32	35	**17**	84	46	358	**84**	488	17	**54**	28	99
+30 mins.	4	190	**28**	222	31	32	16	79	**93**	328	77	498	27	37	38	102
+45 mins.	10	200	20	230	**39**	**36**	14	**89**	58	**429**	83	**570**	**33**	37	**39**	**109**
Total Volume	32	776	96	904	128	124	57	309	270	1479	294	2043	102	154	136	392
% App. Total	3.5	85.8	10.6		41.4	40.1	18.4		13.2	72.4	14.4		26	39.3	34.7	
PHF	.800	.919	.857	.942	.821	.861	.838	.868	.726	.862	.875	.896	.773	.713	.872	.899

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City of Irvine
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Weather: Clear

File Name : 285_IRV_Jeff_Tra AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Trabuco Road Westbound				Jeffrey Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	172	12	188	33	16	4	53	7	85	13	105	19	14	11	44	390
07:15 AM	6	273	9	288	44	22	13	79	5	106	24	135	19	26	18	63	565
07:30 AM	8	308	22	338	65	30	11	106	4	117	28	149	25	31	29	85	678
07:45 AM	31	429	52	512	60	82	27	169	17	182	27	226	31	34	20	85	992
Total	49	1182	95	1326	202	150	55	407	33	490	92	615	94	105	78	277	2625
08:00 AM	61	346	80	487	83	110	35	228	17	167	51	235	51	46	33	130	1080
08:15 AM	48	424	63	535	69	85	23	177	15	204	48	267	34	45	29	108	1087
08:30 AM	28	351	51	430	78	86	12	176	21	168	40	229	33	45	22	100	935
08:45 AM	17	385	45	447	90	58	15	163	16	167	35	218	21	44	23	88	916
Total	154	1506	239	1899	320	339	85	744	69	706	174	949	139	180	107	426	4018
Grand Total	203	2688	334	3225	522	489	140	1151	102	1196	266	1564	233	285	185	703	6643
Apprch %	6.3	83.3	10.4		45.4	42.5	12.2		6.5	76.5	17		33.1	40.5	26.3		
Total %	3.1	40.5	5	48.5	7.9	7.4	2.1	17.3	1.5	18	4	23.5	3.5	4.3	2.8	10.6	

	Jeffrey Road Southbound				Trabuco Road Westbound				Jeffrey Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	31	**429**	52	512	60	82	27	169	17	182	27	226	31	34	20	85	992
08:00 AM	**61**	346	**80**	487	**83**	**110**	**35**	**228**	17	167	**51**	235	**51**	**46**	**33**	**130**	1080
08:15 AM	48	424	63	**535**	69	85	23	177	15	**204**	48	**267**	34	45	29	108	**1087**
08:30 AM	28	351	51	430	78	86	12	176	**21**	168	40	229	33	45	22	100	935
Total Volume	168	1550	246	1964	290	363	97	750	70	721	166	957	149	170	104	423	4094
% App. Total	8.6	78.9	12.5		38.7	48.4	12.9		7.3	75.3	17.3		35.2	40.2	24.6		
PHF	.689	.903	.769	.918	.873	.825	.693	.822	.833	.884	.814	.896	.730	.924	.788	.813	.942

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City of Irvine
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File Name : 285_IRV_Jeff_Tra AM1
Site Code : 05124139
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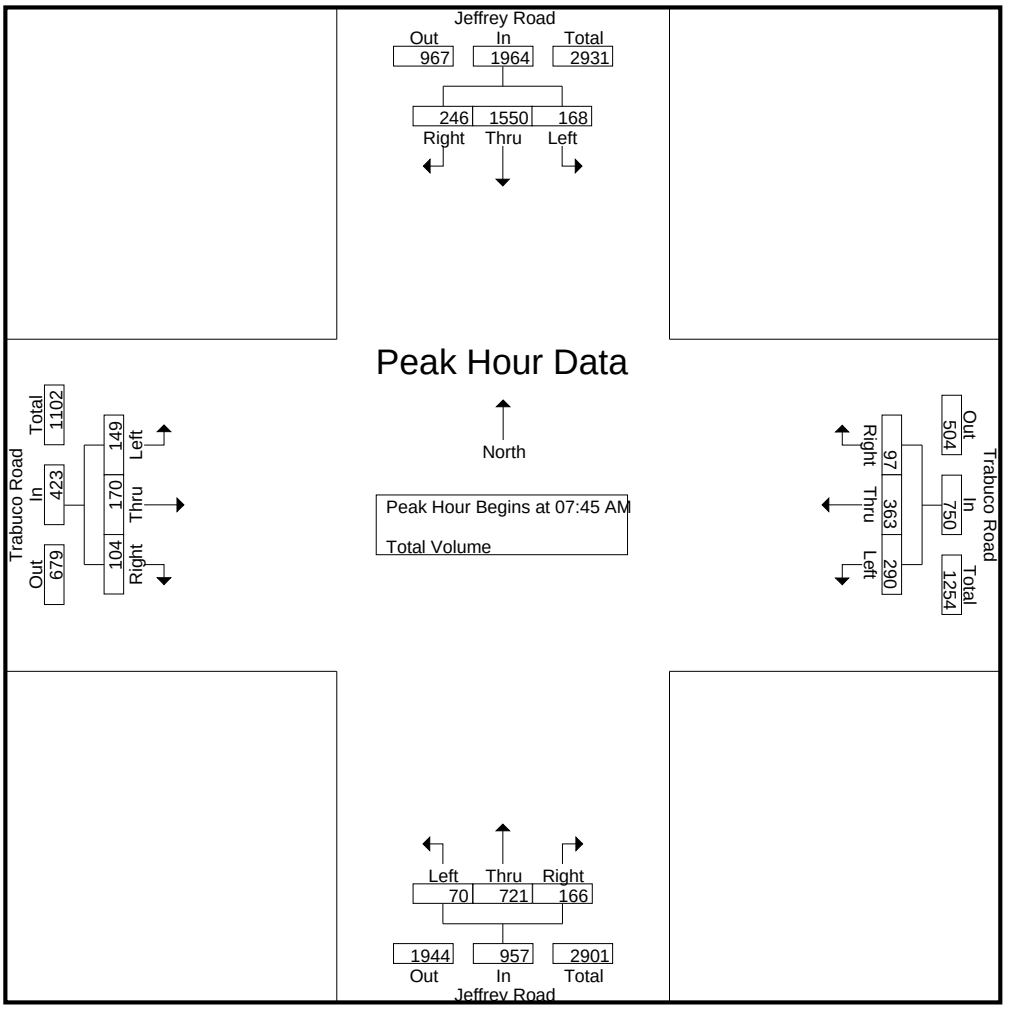

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	31	**429**	52	512	60	82	27	169	17	182	27	226	**51**	**46**	**33**	**130**
+15 mins.	**61**	346	**80**	487	**83**	**110**	**35**	**228**	17	167	**51**	235	34	45	29	108
+30 mins.	48	424	63	**535**	69	85	23	177	15	**204**	48	**267**	33	45	22	100
+45 mins.	28	351	51	430	78	86	12	176	**21**	168	40	229	21	44	23	88
Total Volume	168	1550	246	1964	290	363	97	750	70	721	166	957	139	180	107	426
% App. Total	8.6	78.9	12.5		38.7	48.4	12.9		7.3	75.3	17.3		32.6	42.3	25.1	
PHF	.689	.903	.769	.918	.873	.825	.693	.822	.833	.884	.814	.896	.681	.978	.811	.819

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City of Irvine
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Weather: Clear

File Name : 285_IRV_Jeff_Tra PM1
Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Trabuco Road Westbound				Jeffrey Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	24	168	24	216	61	89	24	174	22	382	64	468	67	61	22	150	1008
04:15 PM	32	203	23	258	61	57	21	139	31	370	55	456	60	67	27	154	1007
04:30 PM	22	151	26	199	73	83	36	192	36	401	74	511	53	60	21	134	1036
04:45 PM	24	254	25	303	52	52	25	129	19	437	79	535	51	41	20	112	1079
Total	102	776	98	976	247	281	106	634	108	1590	272	1970	231	229	90	550	4130
05:00 PM	18	152	24	194	62	78	28	168	34	386	85	505	64	90	23	177	1044
05:15 PM	21	242	20	283	64	62	28	154	22	472	82	576	62	52	26	140	1153
05:30 PM	24	175	32	231	64	62	24	150	18	421	99	538	81	84	24	189	1108
05:45 PM	30	212	31	273	61	52	26	139	26	463	96	585	63	72	33	168	1165
Total	93	781	107	981	251	254	106	611	100	1742	362	2204	270	298	106	674	4470
06:00 PM	14	166	16	196	50	58	28	136	24	412	101	537	87	102	16	205	1074
06:15 PM	16	203	24	243	54	41	10	105	17	415	89	521	64	59	21	144	1013
Grand Total	225	1926	245	2396	602	634	250	1486	249	4159	824	5232	652	688	233	1573	10687
Apprch %	9.4	80.4	10.2		40.5	42.7	16.8		4.8	79.5	15.7		41.4	43.7	14.8		
Total %	2.1	18	2.3	22.4	5.6	5.9	2.3	13.9	2.3	38.9	7.7	49	6.1	6.4	2.2	14.7	

	Jeffrey Road Southbound				Trabuco Road Westbound				Jeffrey Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:15 PM																	
05:15 PM	21	**242**	20	**283**	**64**	**62**	**28**	**154**	22	**472**	82	576	62	52	26	140	1153
05:30 PM	24	175	**32**	231	64	62	24	150	18	421	99	538	81	84	24	189	1108
05:45 PM	**30**	212	31	273	61	52	26	139	**26**	463	96	**585**	63	72	**33**	168	**1165**
06:00 PM	14	166	16	196	50	58	28	136	24	412	**101**	537	**87**	**102**	16	**205**	1074
Total Volume	89	795	99	983	239	234	106	579	90	1768	378	2236	293	310	99	702	4500
% App. Total	9.1	80.9	10.1		41.3	40.4	18.3		4	79.1	16.9		41.7	44.2	14.1		
PHF	.742	.821	.773	.868	.934	.944	.946	.940	.865	.936	.936	.956	.842	.760	.750	.856	.966

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Weather: Clear

File Name : 285_IRV_Jeff_Tra PM1
Site Code : 05124139
Start Date : 2/27/2024
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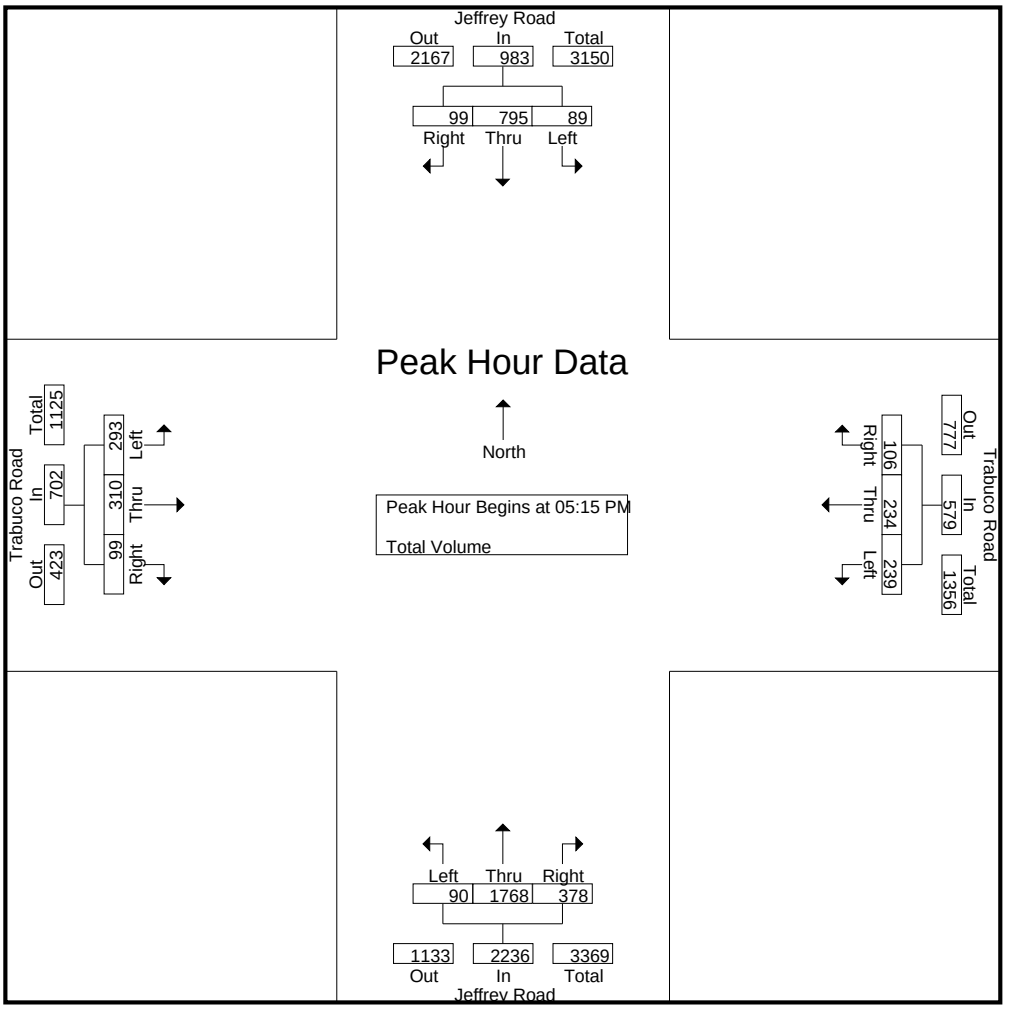

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				05:15 PM				05:30 PM			
+0 mins.	**24**	**254**	25	**303**	**73**	**83**	**36**	**192**	22	**472**	82	576	81	84	24	189
+15 mins.	18	152	24	194	52	52	25	129	18	421	99	538	63	72	**33**	168
+30 mins.	21	242	20	283	62	78	28	168	**26**	463	96	**585**	**87**	**102**	16	**205**
+45 mins.	24	175	**32**	231	64	62	28	154	24	412	**101**	537	64	59	21	144
Total Volume	87	823	101	1011	251	275	117	643	90	1768	378	2236	295	317	94	706
% App. Total	8.6	81.4	10		39	42.8	18.2		4	79.1	16.9		41.8	44.9	13.3	
PHF	.906	.810	.789	.834	.860	.828	.813	.837	.865	.936	.936	.956	.848	.777	.712	.861

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City of Irvine
N/S: Jeffrey Road
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Weather: Clear

File Name : 286_IRV_JEFF_ROO AM
Site Code : 05124139
Start Date : 5/21/2024
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Roosevelt Westbound				Jeffrey Road Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	202	3	208	55	11	10	76	22	72	23	117	4	4	36	44	445
07:15 AM	1	313	6	320	75	11	13	99	19	120	39	178	7	5	56	68	665
07:30 AM	5	337	14	356	120	26	15	161	32	139	44	215	8	8	63	79	811
07:45 AM	8	466	30	504	100	34	28	162	51	147	41	239	13	14	89	116	1021
Total	17	1318	53	1388	350	82	66	498	124	478	147	749	32	31	244	307	2942
08:00 AM	10	396	20	426	141	78	80	299	43	138	50	231	25	22	88	135	1091
08:15 AM	10	522	23	555	125	57	76	258	32	148	49	229	13	30	77	120	1162
08:30 AM	6	522	17	545	110	19	13	142	35	119	53	207	9	32	68	109	1003
08:45 AM	19	461	36	516	89	20	13	122	35	167	49	251	10	10	70	90	979
Total	45	1901	96	2042	465	174	182	821	145	572	201	918	57	94	303	454	4235
Grand Total	62	3219	149	3430	815	256	248	1319	269	1050	348	1667	89	125	547	761	7177
Apprch %	1.8	93.8	4.3		61.8	19.4	18.8		16.1	63	20.9		11.7	16.4	71.9		
Total %	0.9	44.9	2.1	47.8	11.4	3.6	3.5	18.4	3.7	14.6	4.8	23.2	1.2	1.7	7.6	10.6	

	Jeffrey Road Southbound				Roosevelt Westbound				Jeffrey Road Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	8	466	30	504	100	34	28	162	51	147	41	239	13	14	89	116	1021
08:00 AM	10	396	20	426	141	78	80	299	43	138	50	231	25	22	88	135	1091
08:15 AM	10	522	23	555	125	57	76	258	32	148	49	229	13	30	77	120	1162
08:30 AM	6	522	17	545	110	19	13	142	35	119	53	207	9	32	68	109	1003
Total Volume	34	1906	90	2030	476	188	197	861	161	552	193	906	60	98	322	480	4277
% App. Total	1.7	93.9	4.4		55.3	21.8	22.9		17.8	60.9	21.3		12.5	20.4	67.1		
PHF	.850	.913	.750	.914	.844	.603	.616	.720	.789	.932	.910	.948	.600	.766	.904	.889	.920

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Site Code : 05124139
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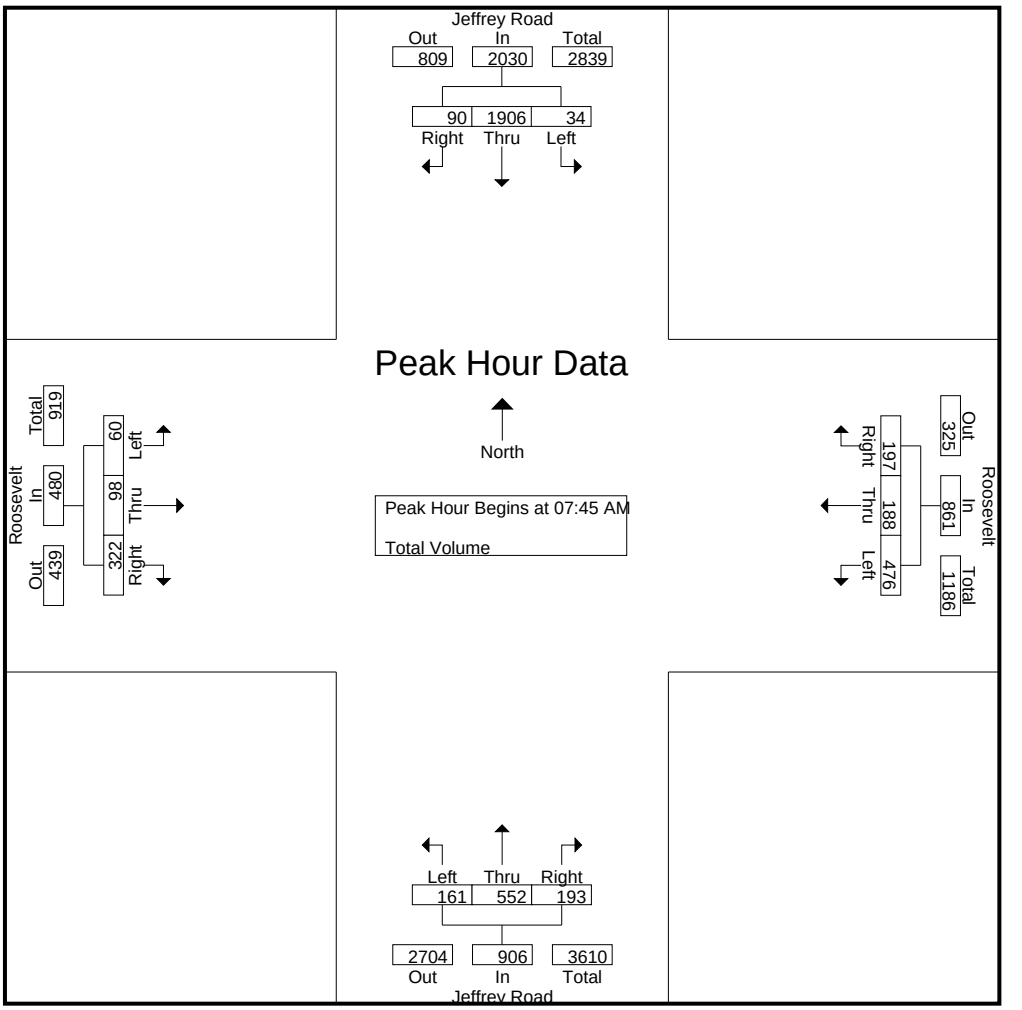

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				08:00 AM				07:45 AM			
+0 mins.	10	396	20	426	120	26	15	161	43	138	50	231	13	14	89	116
+15 mins.	10	522	23	555	100	34	28	162	32	148	49	229	25	22	88	135
+30 mins.	6	522	17	545	141	78	80	299	35	119	53	207	13	30	77	120
+45 mins.	19	461	36	516	125	57	76	258	35	167	49	251	9	32	68	109
Total Volume	45	1901	96	2042	486	195	199	880	145	572	201	918	60	98	322	480
% App. Total	2.2	93.1	4.7		55.2	22.2	22.6		15.8	62.3	21.9		12.5	20.4	67.1	
PHF	.592	.910	.667	.920	.862	.625	.622	.736	.843	.856	.948	.914	.600	.766	.904	.889

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File Name : 286_IRV_JEFF_ROO PM
Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Roosevelt Westbound				Jeffrey Road Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	19	197	38	254	76	38	32	146	41	393	96	530	49	53	85	187	1117
04:15 PM	28	239	50	317	44	30	4	78	96	465	92	653	28	31	44	103	1151
04:30 PM	13	216	27	256	56	32	21	109	98	420	74	592	49	27	76	152	1109
04:45 PM	10	275	80	365	38	29	18	85	90	496	106	692	30	25	61	116	1258
Total	70	927	195	1192	214	129	75	418	325	1774	368	2467	156	136	266	558	4635
05:00 PM	13	233	46	292	65	32	22	119	94	407	104	605	63	39	86	188	1204
05:15 PM	14	274	64	352	43	24	13	80	128	603	125	856	49	25	56	130	1418
05:30 PM	17	202	50	269	59	45	29	133	94	468	109	671	80	48	108	236	1309
05:45 PM	8	251	56	315	49	34	20	103	112	552	131	795	42	18	73	133	1346
Total	52	960	216	1228	216	135	84	435	428	2030	469	2927	234	130	323	687	5277
Grand Total	122	1887	411	2420	430	264	159	853	753	3804	837	5394	390	266	589	1245	9912
Apprch %	5	78	17		50.4	30.9	18.6		14	70.5	15.5		31.3	21.4	47.3		
Total %	1.2	19	4.1	24.4	4.3	2.7	1.6	8.6	7.6	38.4	8.4	54.4	3.9	2.7	5.9	12.6	

	Jeffrey Road Southbound				Roosevelt Westbound				Jeffrey Road Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	13	233	46	292	65	32	22	119	94	407	104	605	63	39	86	188	1204
05:15 PM	14	274	64	352	43	24	13	80	128	603	125	856	49	25	56	130	1418
05:30 PM	17	202	50	269	59	45	29	133	94	468	109	671	80	48	108	236	1309
05:45 PM	8	251	56	315	49	34	20	103	112	552	131	795	42	18	73	133	1346
Total Volume	52	960	216	1228	216	135	84	435	428	2030	469	2927	234	130	323	687	5277
% App. Total	4.2	78.2	17.6		49.7	31	19.3		14.6	69.4	16		34.1	18.9	47		
PHF	.765	.876	.844	.872	.831	.750	.724	.818	.836	.842	.895	.855	.731	.677	.748	.728	.930

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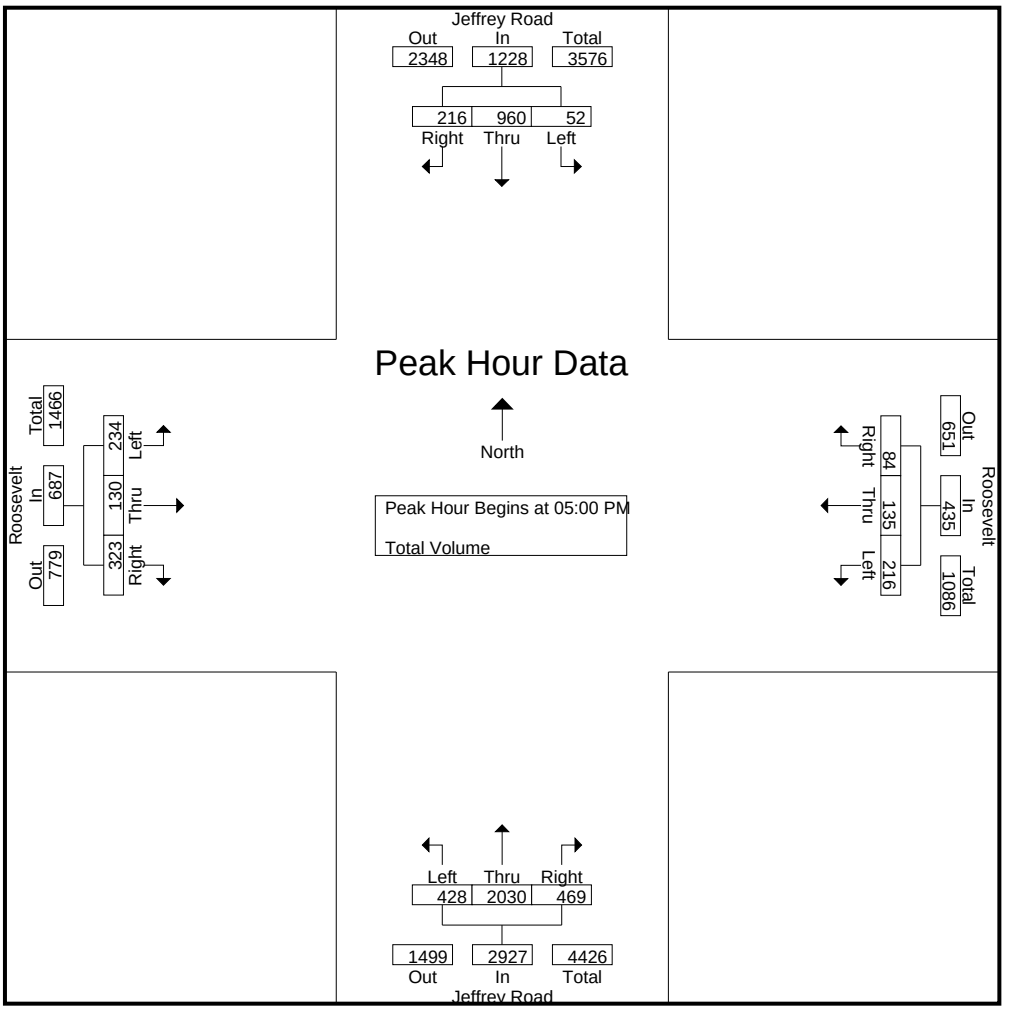
Site Code : 05124139
Start Date : 5/21/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	10	275	80	365	65	32	22	119	94	407	104	605	63	39	86	188
+15 mins.	13	233	46	292	43	24	13	80	128	603	125	856	49	25	56	130
+30 mins.	14	274	64	352	59	45	29	133	94	468	109	671	80	48	108	236
+45 mins.	17	202	50	269	49	34	20	103	112	552	131	795	42	18	73	133
Total Volume	54	984	240	1278	216	135	84	435	428	2030	469	2927	234	130	323	687
% App. Total	4.2	77	18.8		49.7	31	19.3		14.6	69.4	16		34.1	18.9	47	
PHF	.794	.895	.750	.875	.831	.750	.724	.818	.836	.842	.895	.855	.731	.677	.748	.728

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Weather: Clear

File Name : 287_IRV_Jeff_5N AM1
Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				I-5 Northbound Ramps Westbound				Jeffrey Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	207	107	314	45	0	41	86	0	93	76	169	0	0	0	0	569
07:15 AM	0	327	140	467	78	0	53	131	0	141	93	234	0	0	0	0	832
07:30 AM	0	402	135	537	114	0	70	184	0	164	96	260	0	0	0	0	981
07:45 AM	0	493	118	611	212	0	97	309	0	179	53	232	0	0	0	0	1152
Total	0	1429	500	1929	449	0	261	710	0	577	318	895	0	0	0	0	3534
08:00 AM	0	533	124	657	217	0	83	300	0	179	65	244	0	0	0	0	1201
08:15 AM	0	519	149	668	184	0	87	271	0	188	72	260	0	0	0	0	1199
08:30 AM	0	514	125	639	189	0	89	278	0	228	81	309	0	0	0	0	1226
08:45 AM	0	508	125	633	200	0	102	302	0	159	56	215	0	0	0	0	1150
Total	0	2074	523	2597	790	0	361	1151	0	754	274	1028	0	0	0	0	4776
Grand Total	0	3503	1023	4526	1239	0	622	1861	0	1331	592	1923	0	0	0	0	8310
Apprch %	0	77.4	22.6		66.6	0	33.4		0	69.2	30.8		0	0	0		
Total %	0	42.2	12.3	54.5	14.9	0	7.5	22.4	0	16	7.1	23.1	0	0	0	0	

	Jeffrey Road Southbound				I-5 Northbound Ramps Westbound				Jeffrey Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	493	118	611	212	0	**97**	**309**	0	179	53	232	0	0	0	0	1152
08:00 AM	0	**533**	124	657	**217**	0	83	300	0	179	65	244	0	0	0	0	1201
08:15 AM	0	519	**149**	**668**	184	0	87	271	0	188	72	260	0	0	0	0	1199
08:30 AM	0	514	125	639	189	0	89	278	0	**228**	**81**	**309**	0	0	0	0	**1226**
Total Volume	0	2059	516	2575	802	0	356	1158	0	774	271	1045	0	0	0	0	4778
% App. Total	0	80	20		69.3	0	30.7		0	74.1	25.9		0	0	0		
PHF	.000	.966	.866	.964	.924	.000	.918	.937	.000	.849	.836	.845	.000	.000	.000	.000	.974

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File Name : 287_IRV_Jeff_5N AM1
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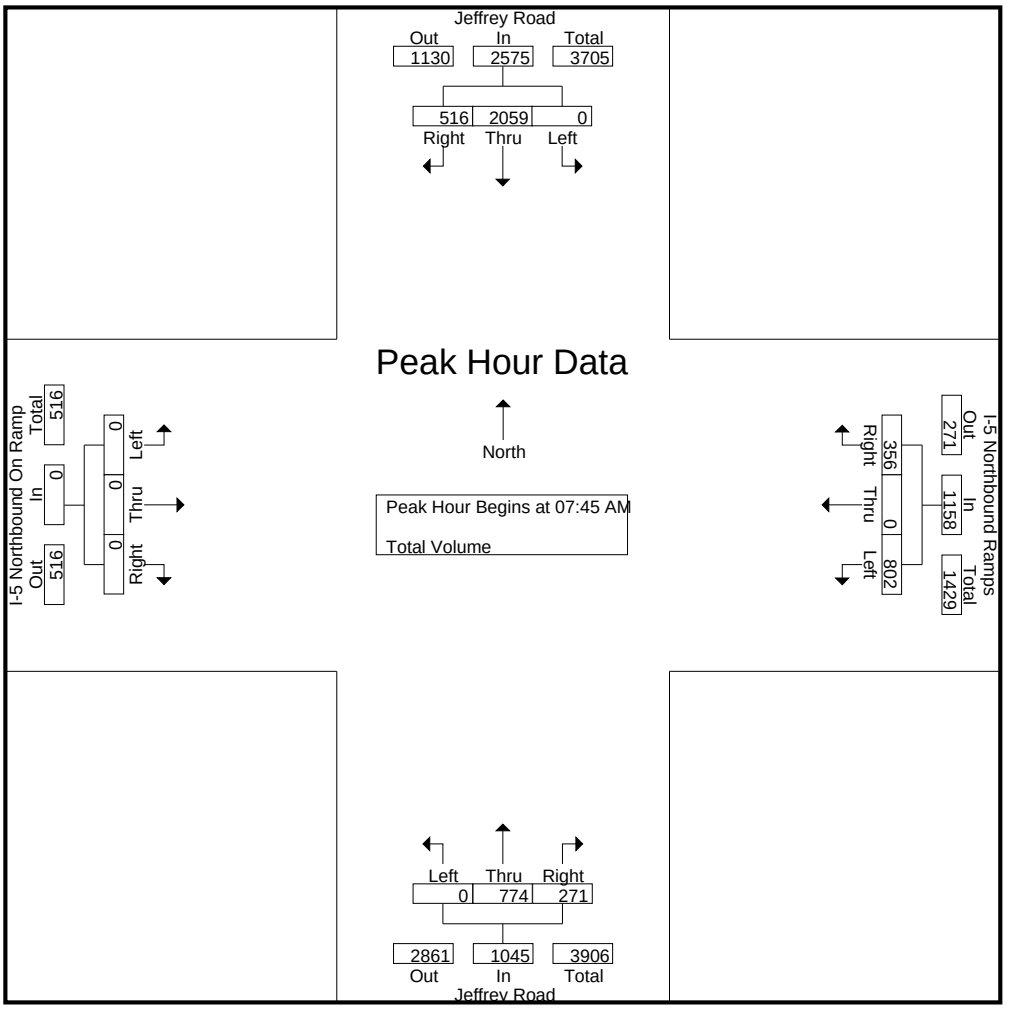

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				07:00 AM			
+0 mins.	0	**533**	124	657	212	0	**97**	**309**	0	179	53	232	0	0	0	0
+15 mins.	0	519	**149**	**668**	**217**	0	83	300	0	179	65	244	0	0	0	0
+30 mins.	0	514	125	639	184	0	87	271	0	188	72	260	0	0	0	0
+45 mins.	0	508	125	633	189	0	89	278	0	**228**	**81**	**309**	0	0	0	0
Total Volume	0	2074	523	2597	802	0	356	1158	0	774	271	1045	0	0	0	0
% App. Total	0	79.9	20.1		69.3	0	30.7		0	74.1	25.9		0	0	0	
PHF	.000	.973	.878	.972	.924	.000	.918	.937	.000	.849	.836	.845	.000	.000	.000	.000

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File Name : 287_IRV_Jeff_5N PM1
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Groups Printed- Total Volume

	Jeffrey Road Southbound				I-5 Northbound Ramps Westbound				Jeffrey Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	308	54	362	144	0	153	297	0	408	64	472	0	0	0	0	1131
04:15 PM	0	319	47	366	163	0	158	321	0	438	73	511	0	0	0	0	1198
04:30 PM	0	307	42	349	136	0	212	348	0	471	52	523	0	0	0	0	1220
04:45 PM	0	334	43	377	176	0	172	348	0	489	66	555	0	0	0	0	1280
Total	0	1268	186	1454	619	0	695	1314	0	1806	255	2061	0	0	0	0	4829
05:00 PM	0	301	49	350	139	0	175	314	0	506	60	566	0	0	0	0	1230
05:15 PM	0	336	38	374	163	0	200	363	0	535	79	614	0	0	0	0	1351
05:30 PM	0	306	49	355	172	0	182	354	0	540	46	586	0	0	0	0	1295
05:45 PM	0	308	71	379	132	0	160	292	0	571	67	638	0	0	0	0	1309
Total	0	1251	207	1458	606	0	717	1323	0	2152	252	2404	0	0	0	0	5185
Grand Total	0	2519	393	2912	1225	0	1412	2637	0	3958	507	4465	0	0	0	0	10014
Apprch %	0	86.5	13.5		46.5	0	53.5		0	88.6	11.4		0	0	0		
Total %	0	25.2	3.9	29.1	12.2	0	14.1	26.3	0	39.5	5.1	44.6	0	0	0	0	

	Jeffrey Road Southbound				I-5 Northbound Ramps Westbound				Jeffrey Road Northbound				I-5 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	301	49	350	139	0	175	314	0	506	60	566	0	0	0	0	1230
05:15 PM	0	**336**	38	374	163	0	**200**	**363**	0	535	**79**	614	0	0	0	0	**1351**
05:30 PM	0	306	49	355	**172**	0	182	354	0	540	46	586	0	0	0	0	1295
05:45 PM	0	308	**71**	**379**	132	0	160	292	0	**571**	67	**638**	0	0	0	0	1309
Total Volume	0	1251	207	1458	606	0	717	1323	0	2152	252	2404	0	0	0	0	5185
% App. Total	0	85.8	14.2		45.8	0	54.2		0	89.5	10.5		0	0	0		
PHF	.000	.931	.729	.962	.881	.000	.896	.911	.000	.942	.797	.942	.000	.000	.000	.000	.959

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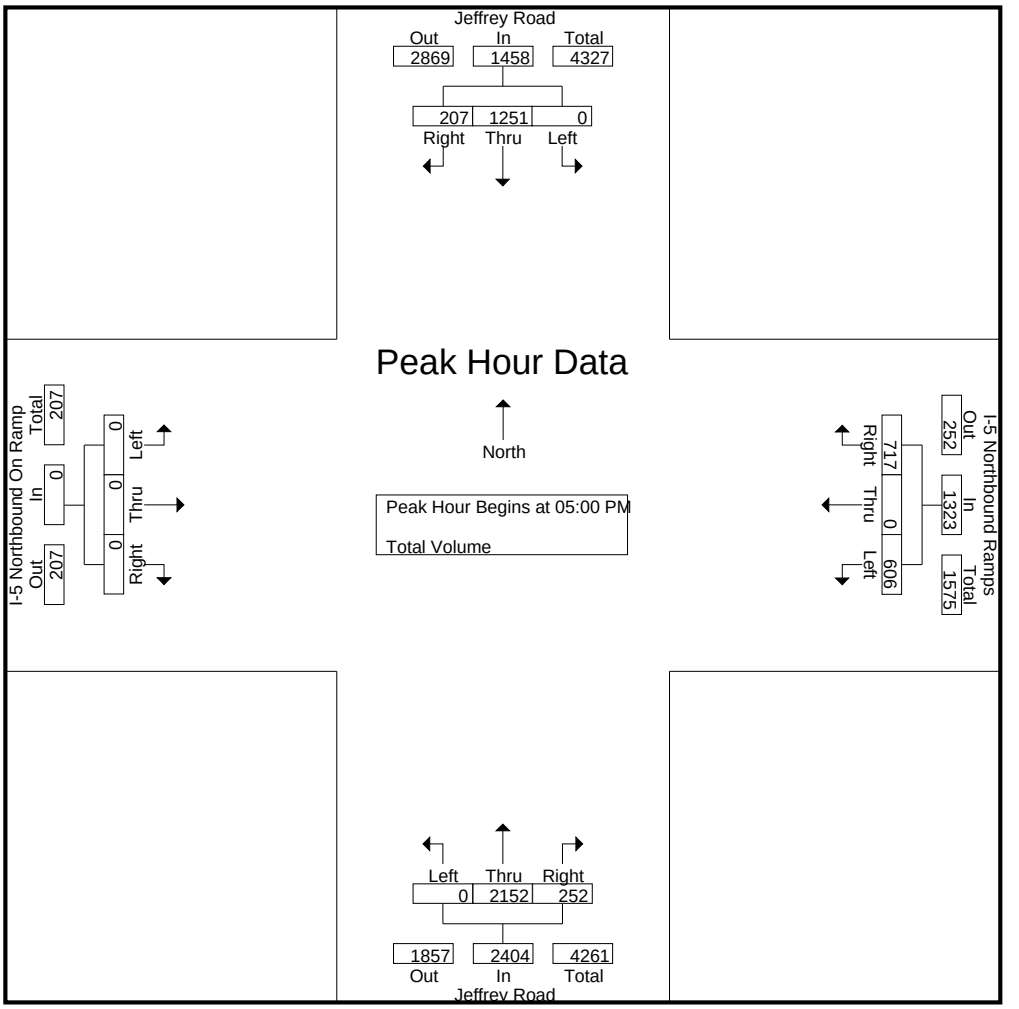

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:00 PM			
+0 mins.	0	301	49	350	**176**	0	172	348	0	506	60	566	0	0	0	0
+15 mins.	0	**336**	38	374	139	0	175	314	0	535	**79**	614	0	0	0	0
+30 mins.	0	306	49	355	163	0	**200**	**363**	0	540	46	586	0	0	0	0
+45 mins.	0	308	**71**	**379**	172	0	182	354	0	**571**	67	**638**	0	0	0	0
Total Volume	0	1251	207	1458	650	0	729	1379	0	2152	252	2404	0	0	0	0
% App. Total	0	85.8	14.2		47.1	0	52.9		0	89.5	10.5		0	0	0	
PHF	.000	.931	.729	.962	.923	.000	.911	.950	.000	.942	.797	.942	.000	.000	.000	.000

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City of Irvine
N/S: Jeffrey Road
E/W: Walnut Avenue
Weather: Clear

File Name : 288_IRV_Jeff_Wal AM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Walnut Avenue Westbound				Jeffrey Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	45	163	28	236	48	6	34	88	4	111	16	131	19	24	19	62	517
07:15 AM	79	271	47	397	51	12	30	93	7	189	31	227	22	47	22	91	808
07:30 AM	88	367	50	505	63	12	41	116	7	183	24	214	34	56	25	115	950
07:45 AM	102	517	82	701	61	6	45	112	18	173	32	223	20	52	39	111	1147
Total	314	1318	207	1839	223	36	150	409	36	656	103	795	95	179	105	379	3422
08:00 AM	130	495	120	745	74	8	37	119	13	179	32	224	22	60	41	123	1211
08:15 AM	105	520	82	707	70	15	42	127	29	208	34	271	29	77	41	147	1252
08:30 AM	105	516	94	715	81	18	50	149	13	208	30	251	28	68	38	134	1249
08:45 AM	90	527	106	723	65	15	26	106	18	159	27	204	25	53	35	113	1146
Total	430	2058	402	2890	290	56	155	501	73	754	123	950	104	258	155	517	4858
Grand Total	744	3376	609	4729	513	92	305	910	109	1410	226	1745	199	437	260	896	8280
Apprch %	15.7	71.4	12.9		56.4	10.1	33.5		6.2	80.8	13		22.2	48.8	29		
Total %	9	40.8	7.4	57.1	6.2	1.1	3.7	11	1.3	17	2.7	21.1	2.4	5.3	3.1	10.8	

	Jeffrey Road Southbound				Walnut Avenue Westbound				Jeffrey Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	102	517	82	701	61	6	45	112	18	173	32	223	20	52	39	111	1147
08:00 AM	**130**	495	**120**	**745**	74	8	37	119	13	179	32	224	22	60	**41**	123	1211
08:15 AM	105	**520**	82	707	70	15	42	127	**29**	**208**	**34**	**271**	**29**	**77**	41	**147**	**1252**
08:30 AM	105	516	94	715	**81**	**18**	**50**	**149**	13	208	30	251	28	68	38	134	1249
Total Volume	442	2048	378	2868	286	47	174	507	73	768	128	969	99	257	159	515	4859
% App. Total	15.4	71.4	13.2		56.4	9.3	34.3		7.5	79.3	13.2		19.2	49.9	30.9		
PHF	.850	.985	.788	.962	.883	.653	.870	.851	.629	.923	.941	.894	.853	.834	.970	.876	.970

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Site Code : 05124139
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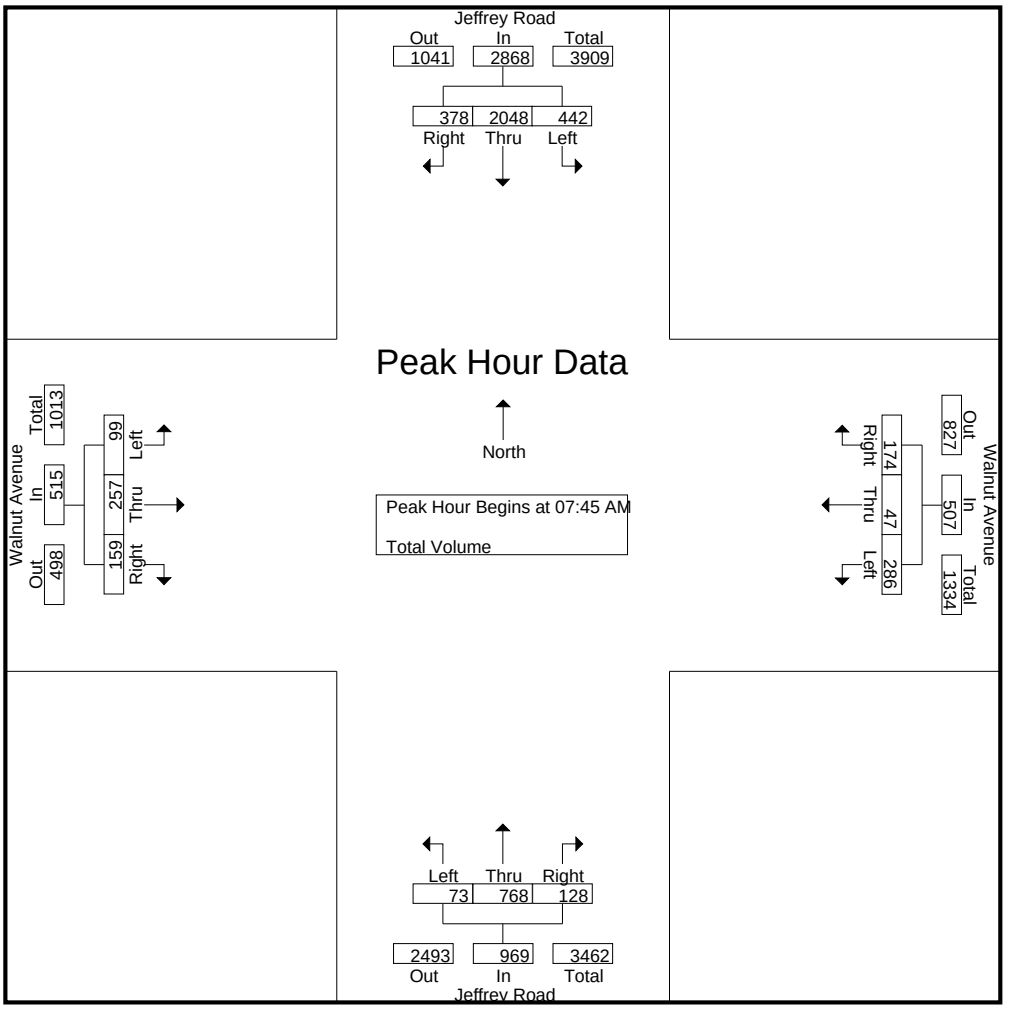

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	**130**	495	**120**	**745**	61	6	45	112	18	173	32	223	22	60	**41**	123
+15 mins.	105	520	82	707	74	8	37	119	13	179	32	224	**29**	**77**	41	**147**
+30 mins.	105	516	94	715	70	15	42	127	**29**	**208**	**34**	**271**	28	68	38	134
+45 mins.	90	**527**	106	723	**81**	**18**	**50**	**149**	13	208	30	251	25	53	35	113
Total Volume	430	2058	402	2890	286	47	174	507	73	768	128	969	104	258	155	517
% App. Total	14.9	71.2	13.9		56.4	9.3	34.3		7.5	79.3	13.2		20.1	49.9	30	
PHF	.827	.976	.838	.970	.883	.653	.870	.851	.629	.923	.941	.894	.897	.838	.945	.879

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City of Irvine
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File Name : 288_IRV_Jeff_Wal PM1
Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Walnut Avenue Westbound				Jeffrey Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	74	277	122	473	59	25	99	183	37	328	60	425	52	63	25	140	1221
04:15 PM	63	324	130	517	62	20	79	161	56	367	65	488	62	31	35	128	1294
04:30 PM	74	252	103	429	79	25	94	198	37	350	50	437	69	72	34	175	1239
04:45 PM	66	315	136	517	78	25	86	189	61	422	87	570	62	57	30	149	1425
Total	277	1168	491	1936	278	95	358	731	191	1467	262	1920	245	223	124	592	5179
05:00 PM	65	258	100	423	72	29	125	226	40	336	75	451	96	80	27	203	1303
05:15 PM	68	322	127	517	71	21	96	188	67	468	51	586	68	62	30	160	1451
05:30 PM	56	286	118	460	92	27	128	247	28	375	51	454	66	71	34	171	1332
05:45 PM	71	279	110	460	75	29	106	210	45	472	45	562	66	56	16	138	1370
Total	260	1145	455	1860	310	106	455	871	180	1651	222	2053	296	269	107	672	5456
Grand Total	537	2313	946	3796	588	201	813	1602	371	3118	484	3973	541	492	231	1264	10635
Apprch %	14.1	60.9	24.9		36.7	12.5	50.7		9.3	78.5	12.2		42.8	38.9	18.3		
Total %	5	21.7	8.9	35.7	5.5	1.9	7.6	15.1	3.5	29.3	4.6	37.4	5.1	4.6	2.2	11.9	

	Jeffrey Road Southbound				Walnut Avenue Westbound				Jeffrey Road Northbound				Walnut Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	66	315	**136**	**517**	78	25	86	189	61	422	**87**	570	62	57	30	149	1425
05:00 PM	65	258	100	423	72	**29**	125	226	40	336	75	451	**96**	**80**	27	**203**	1303
05:15 PM	**68**	**322**	127	517	71	21	96	188	**67**	**468**	51	**586**	68	62	30	160	**1451**
05:30 PM	56	286	118	460	**92**	27	**128**	**247**	28	375	51	454	66	71	**34**	171	1332
Total Volume	255	1181	481	1917	313	102	435	850	196	1601	264	2061	292	270	121	683	5511
% App. Total	13.3	61.6	25.1		36.8	12	51.2		9.5	77.7	12.8		42.8	39.5	17.7		
PHF	.938	.917	.884	.927	.851	.879	.850	.860	.731	.855	.759	.879	.760	.844	.890	.841	.950

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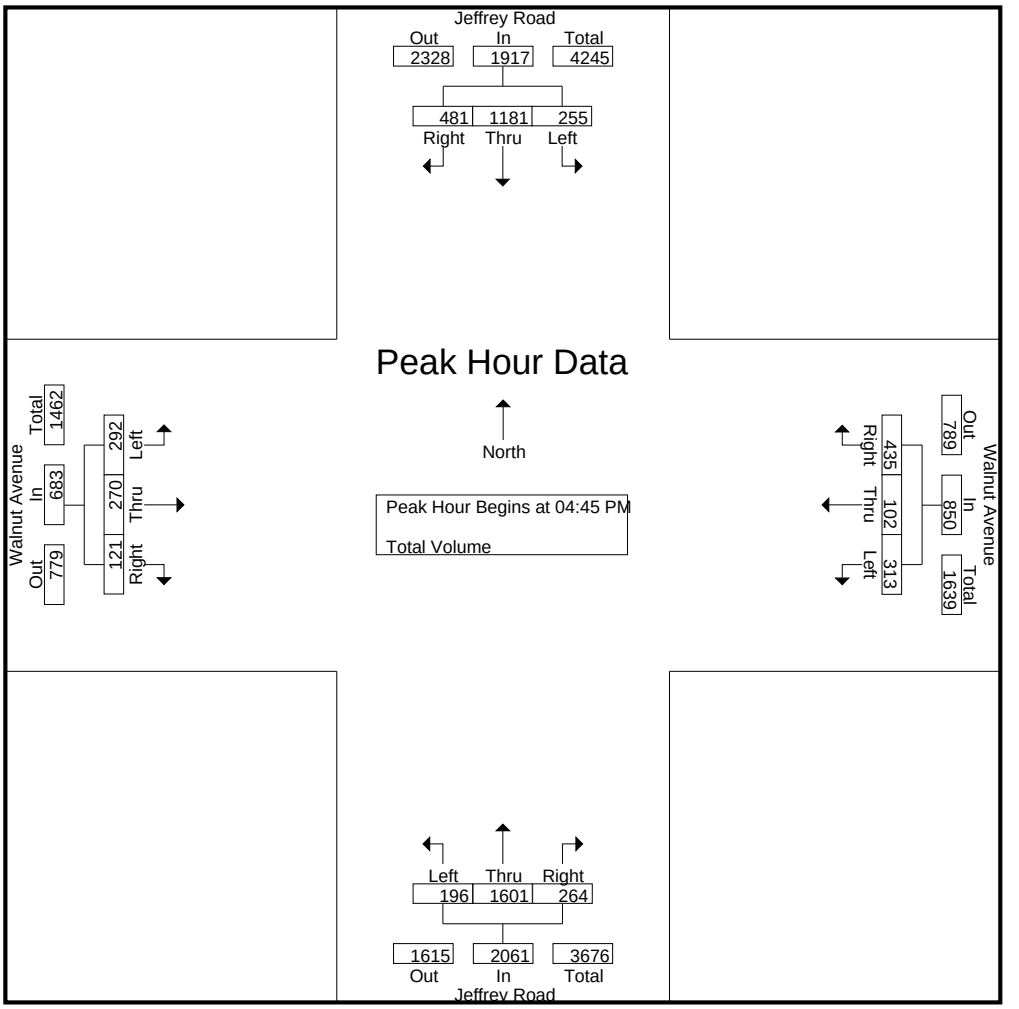

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:45 PM				04:30 PM			
+0 mins.	**74**	277	122	473	72	**29**	125	226	61	422	**87**	570	69	72	**34**	175
+15 mins.	63	**324**	130	**517**	71	21	96	188	40	336	75	451	62	57	30	149
+30 mins.	74	252	103	429	**92**	27	**128**	**247**	**67**	**468**	51	**586**	**96**	**80**	27	**203**
+45 mins.	66	315	**136**	517	75	29	106	210	28	375	51	454	68	62	30	160
Total Volume	277	1168	491	1936	310	106	455	871	196	1601	264	2061	295	271	121	687
% App. Total	14.3	60.3	25.4		35.6	12.2	52.2		9.5	77.7	12.8		42.9	39.4	17.6	
PHF	.936	.901	.903	.936	.842	.914	.889	.882	.731	.855	.759	.879	.768	.847	.890	.846

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City of Irvine
N/S: Jeffrey Road
E/W: Irvine Center Drive
Weather: Clear

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Site Code : 05124139
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Irvine Center Drive Westbound				Jeffrey Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	34	174	27	235	12	34	28	74	8	97	13	118	24	45	24	93	520
07:15 AM	51	265	26	342	21	33	29	83	13	133	14	160	39	88	29	156	741
07:30 AM	64	281	49	394	23	72	39	134	27	135	25	187	45	125	41	211	926
07:45 AM	81	396	106	583	23	81	27	131	13	193	48	254	51	158	41	250	1218
Total	230	1116	208	1554	79	220	123	422	61	558	100	719	159	416	135	710	3405
08:00 AM	71	361	96	528	34	99	39	172	32	145	36	213	64	191	32	287	1200
08:15 AM	94	491	199	784	30	86	31	147	24	204	55	283	36	169	52	257	1471
08:30 AM	103	367	113	583	23	110	52	185	34	155	30	219	57	170	40	267	1254
08:45 AM	130	418	112	660	21	67	37	125	25	182	39	246	28	136	43	207	1238
Total	398	1637	520	2555	108	362	159	629	115	686	160	961	185	666	167	1018	5163
Grand Total	628	2753	728	4109	187	582	282	1051	176	1244	260	1680	344	1082	302	1728	8568
Apprch %	15.3	67	17.7		17.8	55.4	26.8		10.5	74	15.5		19.9	62.6	17.5		
Total %	7.3	32.1	8.5	48	2.2	6.8	3.3	12.3	2.1	14.5	3	19.6	4	12.6	3.5	20.2	

	Jeffrey Road Southbound				Irvine Center Drive Westbound				Jeffrey Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	71	361	96	528	**34**	99	39	172	32	145	36	213	**64**	**191**	32	**287**	1200
08:15 AM	94	**491**	**199**	**784**	30	86	31	147	24	**204**	**55**	**283**	36	169	**52**	257	**1471**
08:30 AM	103	367	113	583	23	**110**	**52**	**185**	**34**	155	30	219	57	170	40	267	1254
08:45 AM	**130**	418	112	660	21	67	37	125	25	182	39	246	28	136	43	207	1238
Total Volume	398	1637	520	2555	108	362	159	629	115	686	160	961	185	666	167	1018	5163
% App. Total	15.6	64.1	20.4		17.2	57.6	25.3		12	71.4	16.6		18.2	65.4	16.4		
PHF	.765	.834	.653	.815	.794	.823	.764	.850	.846	.841	.727	.849	.723	.872	.803	.887	.877

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City of Irvine
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Weather: Clear

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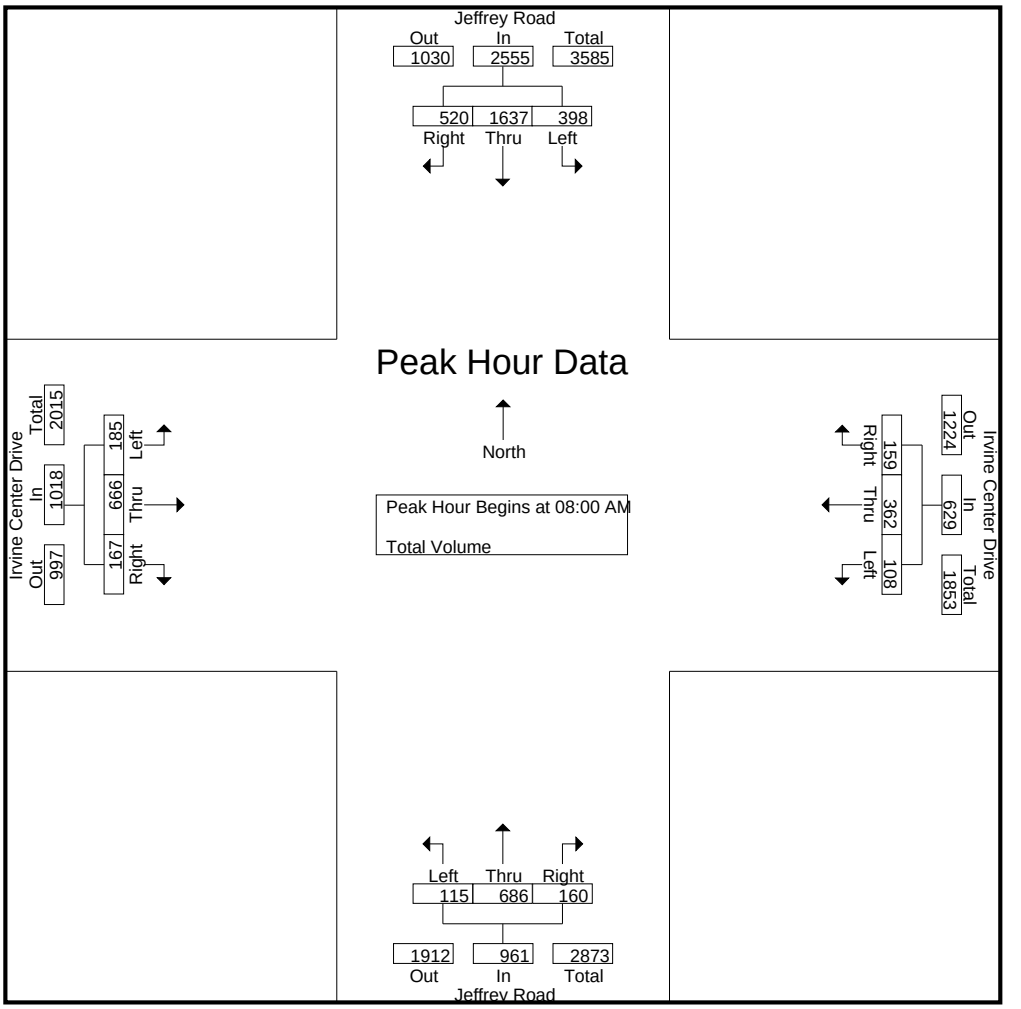

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	71	361	96	528	23	81	27	131	13	193	48	254	51	158	41	250
+15 mins.	94	**491**	**199**	**784**	**34**	99	39	172	32	145	36	213	**64**	**191**	32	**287**
+30 mins.	103	367	113	583	30	86	31	147	24	**204**	**55**	**283**	36	169	**52**	257
+45 mins.	**130**	418	112	660	23	**110**	**52**	**185**	**34**	155	30	219	57	170	40	267
Total Volume	398	1637	520	2555	110	376	149	635	103	697	169	969	208	688	165	1061
% App. Total	15.6	64.1	20.4		17.3	59.2	23.5		10.6	71.9	17.4		19.6	64.8	15.6	
PHF	.765	.834	.653	.815	.809	.855	.716	.858	.757	.854	.768	.856	.813	.901	.793	.924

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City of Irvine
N/S: Jeffrey Road
E/W: Irvine Center Drive
Weather: Clear

File Name : 289_IRV_Jeff_ICD PM1
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Irvine Center Drive Westbound				Jeffrey Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	57	293	81	431	40	225	97	362	67	336	45	448	61	76	17	154	1395
04:15 PM	61	206	73	340	43	315	107	465	49	236	34	319	83	96	35	214	1338
04:30 PM	83	269	108	460	45	276	88	409	65	359	29	453	75	81	25	181	1503
04:45 PM	72	223	71	366	44	327	95	466	48	326	41	415	88	122	37	247	1494
Total	273	991	333	1597	172	1143	387	1702	229	1257	149	1635	307	375	114	796	5730
05:00 PM	58	266	81	405	48	235	113	396	64	357	40	461	94	88	24	206	1468
05:15 PM	48	221	89	358	33	319	117	469	50	338	34	422	105	138	46	289	1538
05:30 PM	71	264	97	432	38	247	78	363	51	386	52	489	92	130	43	265	1549
05:45 PM	67	232	62	361	24	277	82	383	34	289	33	356	109	153	38	300	1400
Total	244	983	329	1556	143	1078	390	1611	199	1370	159	1728	400	509	151	1060	5955
Grand Total	517	1974	662	3153	315	2221	777	3313	428	2627	308	3363	707	884	265	1856	11685
Apprch %	16.4	62.6	21		9.5	67	23.5		12.7	78.1	9.2		38.1	47.6	14.3		
Total %	4.4	16.9	5.7	27	2.7	19	6.6	28.4	3.7	22.5	2.6	28.8	6.1	7.6	2.3	15.9	

	Jeffrey Road Southbound				Irvine Center Drive Westbound				Jeffrey Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**72**	223	71	366	44	**327**	95	466	48	326	41	415	88	122	37	247	1494
05:00 PM	58	**266**	81	405	**48**	235	113	396	**64**	357	40	461	94	88	24	206	1468
05:15 PM	48	221	89	358	33	319	**117**	**469**	50	338	34	422	**105**	**138**	**46**	**289**	1538
05:30 PM	71	264	**97**	**432**	38	247	78	363	51	**386**	**52**	**489**	92	130	43	265	**1549**
Total Volume	249	974	338	1561	163	1128	403	1694	213	1407	167	1787	379	478	150	1007	6049
% App. Total	16	62.4	21.7		9.6	66.6	23.8		11.9	78.7	9.3		37.6	47.5	14.9		
PHF	.865	.915	.871	.903	.849	.862	.861	.903	.832	.911	.803	.914	.902	.866	.815	.871	.976

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City of Irvine
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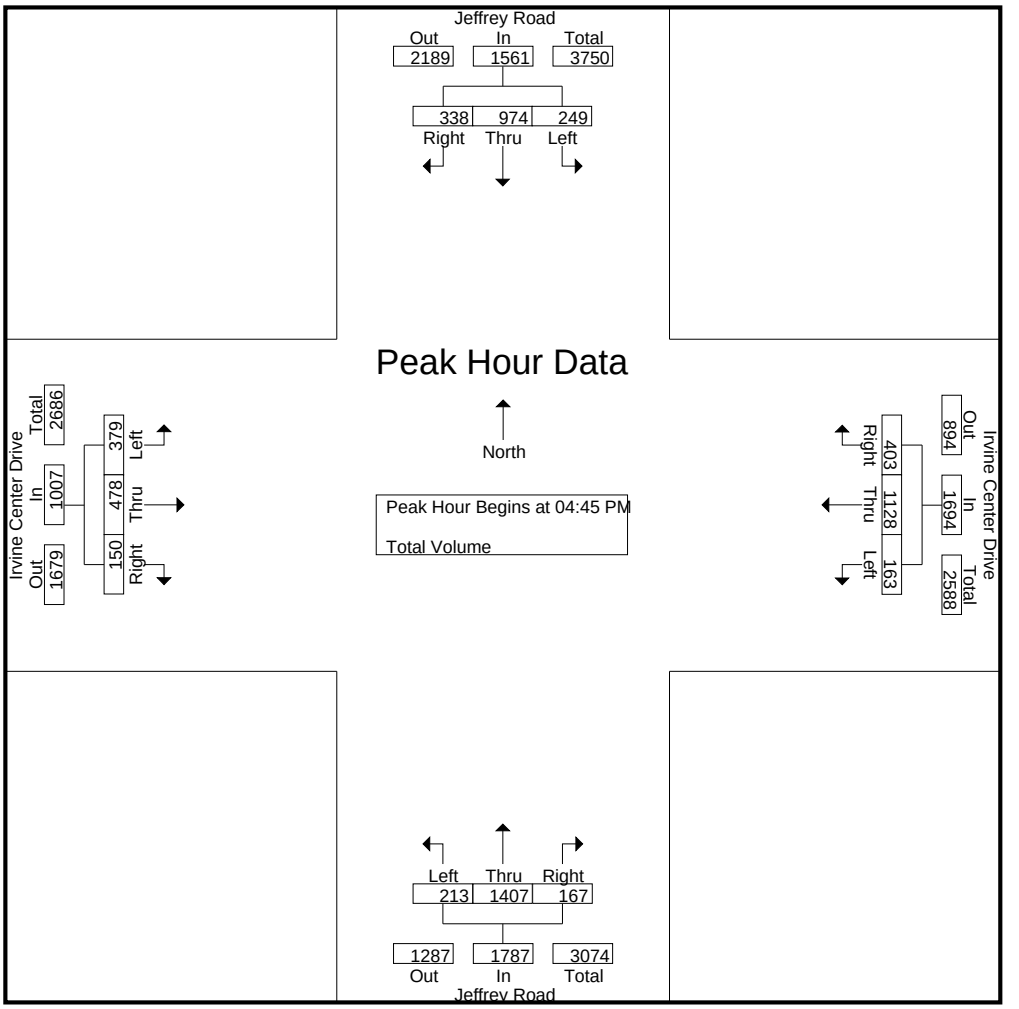

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:45 PM				05:00 PM			
+0 mins.	57	**293**	81	431	45	276	88	409	48	326	41	415	94	88	24	206
+15 mins.	61	206	73	340	44	**327**	95	466	**64**	357	40	461	105	138	**46**	289
+30 mins.	**83**	269	**108**	**460**	**48**	235	113	396	50	338	34	422	92	130	43	265
+45 mins.	72	223	71	366	33	319	**117**	**469**	51	**386**	**52**	**489**	**109**	**153**	38	**300**
Total Volume	273	991	333	1597	170	1157	413	1740	213	1407	167	1787	400	509	151	1060
% App. Total	17.1	62.1	20.9		9.8	66.5	23.7		11.9	78.7	9.3		37.7	48	14.2	
PHF	.822	.846	.771	.868	.885	.885	.882	.928	.832	.911	.803	.914	.917	.832	.821	.883

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City of Irvine
N/S: Jeffrey Road
E/W: Barranca Parkway
Weather: Clear

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Start Date : 2/27/2024
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Barranca Parkway Westbound				Jeffrey Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	167	19	190	4	37	5	46	16	96	5	117	23	33	27	83	436
07:15 AM	11	250	44	305	11	36	6	53	18	111	15	144	41	42	53	136	638
07:30 AM	12	291	54	357	16	66	7	89	20	152	19	191	42	58	56	156	793
07:45 AM	11	313	110	434	23	122	14	159	38	216	31	285	56	90	54	200	1078
Total	38	1021	227	1286	54	261	32	347	92	575	70	737	162	223	190	575	2945
08:00 AM	12	365	98	475	37	150	9	196	59	147	26	232	58	103	57	218	1121
08:15 AM	21	335	117	473	52	202	17	271	71	216	39	326	77	144	49	270	1340
08:30 AM	14	414	101	529	46	167	9	222	31	181	24	236	64	110	52	226	1213
08:45 AM	12	307	73	392	54	172	17	243	26	199	20	245	58	94	32	184	1064
Total	59	1421	389	1869	189	691	52	932	187	743	109	1039	257	451	190	898	4738
Grand Total	97	2442	616	3155	243	952	84	1279	279	1318	179	1776	419	674	380	1473	7683
Apprch %	3.1	77.4	19.5		19	74.4	6.6		15.7	74.2	10.1		28.4	45.8	25.8		
Total %	1.3	31.8	8	41.1	3.2	12.4	1.1	16.6	3.6	17.2	2.3	23.1	5.5	8.8	4.9	19.2	

	Jeffrey Road Southbound				Barranca Parkway Westbound				Jeffrey Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	11	313	110	434	23	122	14	159	38	216	31	285	56	90	54	200	1078
08:00 AM	12	365	98	475	37	150	9	196	59	147	26	232	58	103	57	218	1121
08:15 AM	21	335	117	473	52	202	17	271	71	216	39	326	77	144	49	270	1340
08:30 AM	14	414	101	529	46	167	9	222	31	181	24	236	64	110	52	226	1213
Total Volume	58	1427	426	1911	158	641	49	848	199	760	120	1079	255	447	212	914	4752
% App. Total	3	74.7	22.3		18.6	75.6	5.8		18.4	70.4	11.1		27.9	48.9	23.2		
PHF	.690	.862	.910	.903	.760	.793	.721	.782	.701	.880	.769	.827	.828	.776	.930	.846	.887

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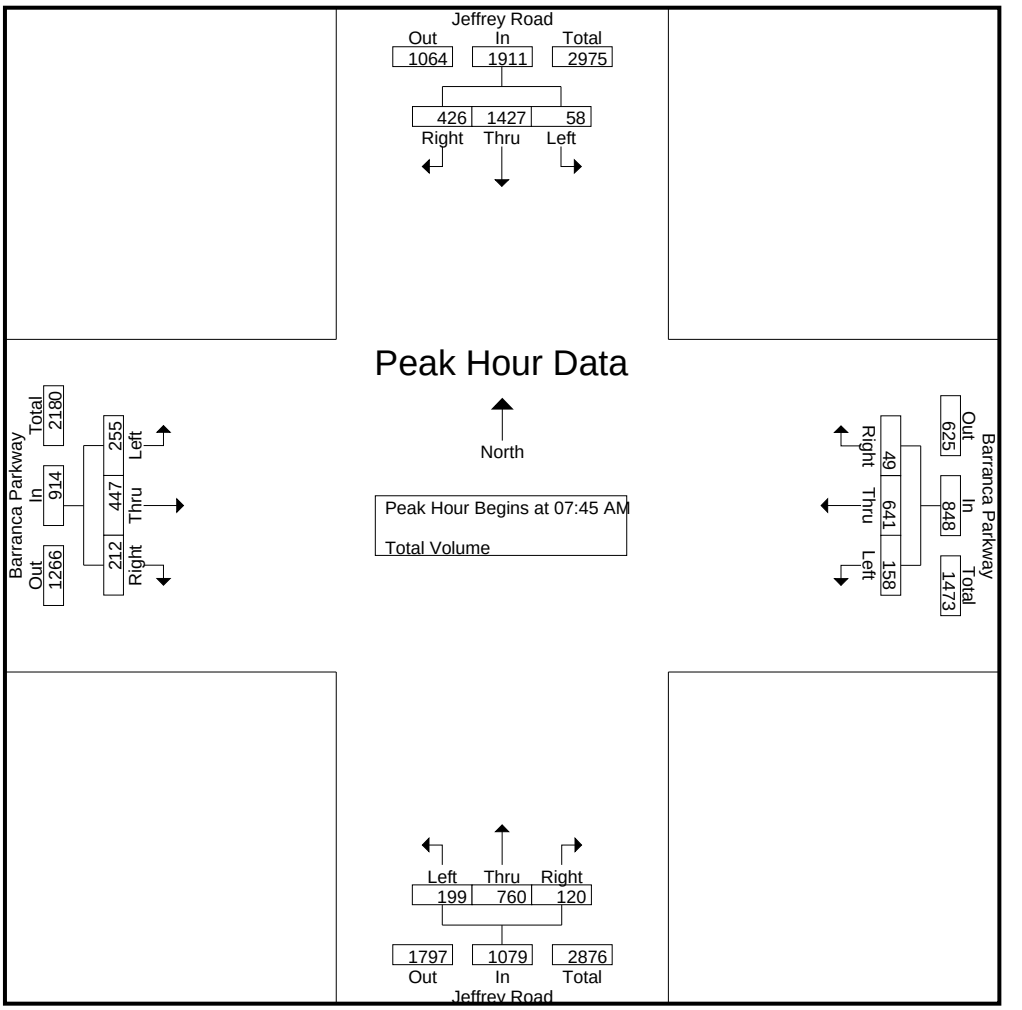
City of Irvine
N/S: Jeffrey Road
E/W: Barranca Parkway
Weather: Clear

File Name : 290_IRV_JEFF_BAR AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	11	313	110	434	37	150	9	196	38	216	31	285	56	90	54	200
+15 mins.	12	365	98	475	52	202	17	271	59	147	26	232	58	103	57	218
+30 mins.	21	335	117	473	46	167	9	222	71	216	39	326	77	144	49	270
+45 mins.	14	414	101	529	54	172	17	243	31	181	24	236	64	110	52	226
Total Volume	58	1427	426	1911	189	691	52	932	199	760	120	1079	255	447	212	914
% App. Total	3	74.7	22.3		20.3	74.1	5.6		18.4	70.4	11.1		27.9	48.9	23.2	
PHF	.690	.862	.910	.903	.875	.855	.765	.860	.701	.880	.769	.827	.828	.776	.930	.846

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City of Irvine
N/S: Jeffrey Road
E/W: Barranca Parkway
Weather: Clear

File Name : 290_IRV_JEFF_BAR PM1
Site Code : 05124139
Start Date : 2/27/2024
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Groups Printed- Total Volume

	Jeffrey Road Southbound				Barranca Parkway Westbound				Jeffrey Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	17	224	65	306	31	125	9	165	44	258	10	312	88	103	66	257	1040
04:15 PM	17	278	61	356	29	120	15	164	50	276	11	337	70	89	28	187	1044
04:30 PM	10	215	54	279	64	151	27	242	27	263	12	302	112	109	57	278	1101
04:45 PM	14	281	57	352	48	138	16	202	36	298	19	353	100	97	44	241	1148
Total	58	998	237	1293	172	534	67	773	157	1095	52	1304	370	398	195	963	4333
05:00 PM	14	235	58	307	67	150	18	235	42	251	13	306	123	120	52	295	1143
05:15 PM	24	275	72	371	44	148	18	210	48	378	16	442	97	123	42	262	1285
05:30 PM	15	214	64	293	27	141	17	185	44	281	27	352	102	138	45	285	1115
05:45 PM	13	258	65	336	41	116	19	176	55	291	26	372	106	93	39	238	1122
Total	66	982	259	1307	179	555	72	806	189	1201	82	1472	428	474	178	1080	4665
Grand Total	124	1980	496	2600	351	1089	139	1579	346	2296	134	2776	798	872	373	2043	8998
Apprch %	4.8	76.2	19.1		22.2	69	8.8		12.5	82.7	4.8		39.1	42.7	18.3		
Total %	1.4	22	5.5	28.9	3.9	12.1	1.5	17.5	3.8	25.5	1.5	30.9	8.9	9.7	4.1	22.7	

	Jeffrey Road Southbound				Barranca Parkway Westbound				Jeffrey Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	14	281	57	352	48	138	16	202	36	298	19	353	100	97	44	241	1148
05:00 PM	14	235	58	307	67	150	18	235	42	251	13	306	123	120	52	295	1143
05:15 PM	24	275	72	371	44	148	18	210	48	378	16	442	97	123	42	262	1285
05:30 PM	15	214	64	293	27	141	17	185	44	281	27	352	102	138	45	285	1115
Total Volume	67	1005	251	1323	186	577	69	832	170	1208	75	1453	422	478	183	1083	4691
% App. Total	5.1	76	19		22.4	69.4	8.3		11.7	83.1	5.2		39	44.1	16.9		
PHF	.698	.894	.872	.892	.694	.962	.958	.885	.885	.799	.694	.822	.858	.866	.880	.918	.913

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City of Irvine
N/S: Jeffrey Road
E/W: Barranca Parkway
Weather: Clear

File Name : 290_IRV_JEFF_BAR PM1
Site Code : 05124139
Start Date : 2/27/2024
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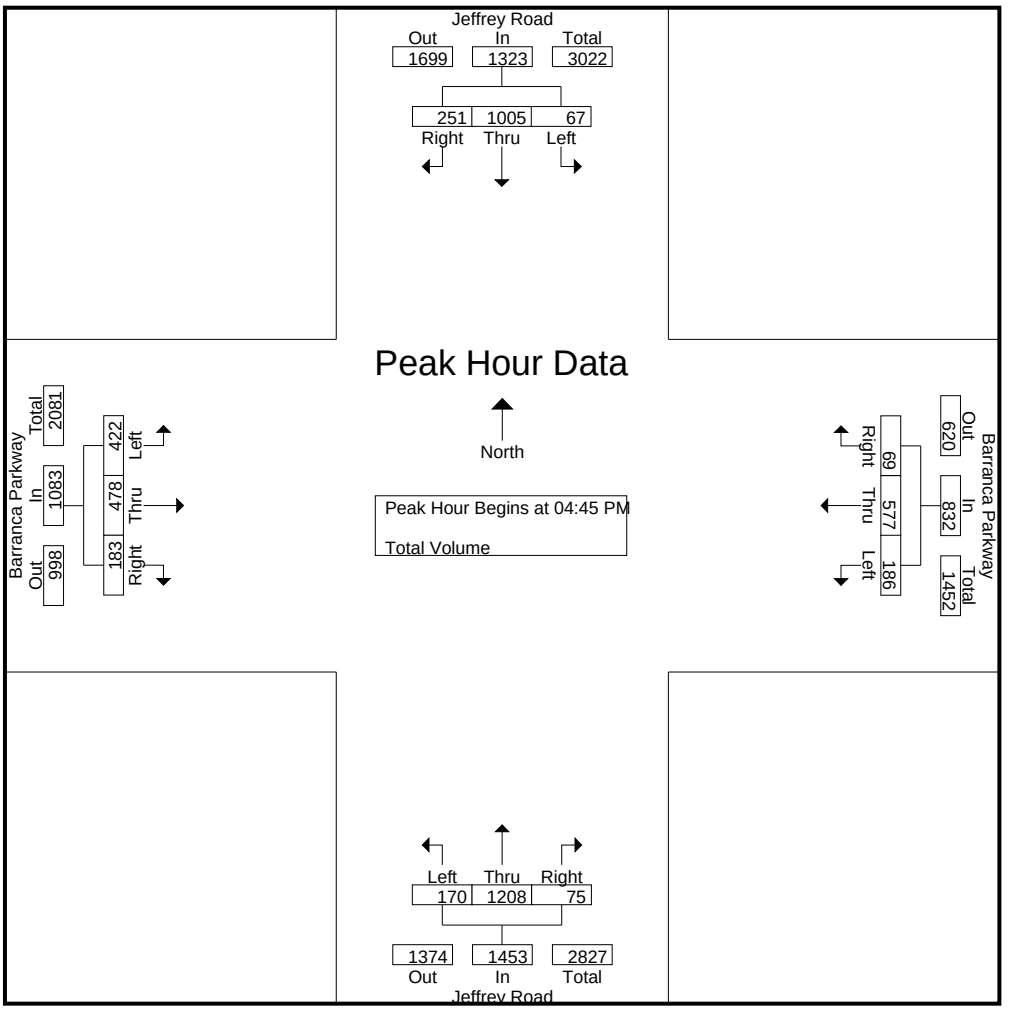

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				05:00 PM				04:45 PM			
+0 mins.	14	281	57	352	64	151	27	242	42	251	13	306	100	97	44	241
+15 mins.	14	235	58	307	48	138	16	202	48	378	16	442	123	120	52	295
+30 mins.	24	275	72	371	67	150	18	235	44	281	27	352	97	123	42	262
+45 mins.	15	214	64	293	44	148	18	210	55	291	26	372	102	138	45	285
Total Volume	67	1005	251	1323	223	587	79	889	189	1201	82	1472	422	478	183	1083
% App. Total	5.1	76	19		25.1	66	8.9		12.8	81.6	5.6		39	44.1	16.9	
PHF	.698	.894	.872	.892	.832	.972	.731	.918	.859	.794	.759	.833	.858	.866	.880	.918

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City of Irvine
N/S: Jeffrey Road
E/W: Alton Parkway
Weather: Clear

File Name : 291_IRV_JEFF_ALT AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jeffrey Road Southbound				Alton Parkway Westbound				Jeffrey Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	27	159	10	196	44	57	18	119	46	71	29	146	17	37	65	119	580
07:15 AM	46	223	20	289	53	57	19	129	71	92	27	190	24	46	74	144	752
07:30 AM	29	321	17	367	72	65	17	154	81	141	21	243	31	79	121	231	995
07:45 AM	33	373	29	435	78	122	13	213	73	223	39	335	28	69	112	209	1192
Total	135	1076	76	1287	247	301	67	615	271	527	116	914	100	231	372	703	3519
08:00 AM	42	319	26	387	68	207	50	325	102	141	45	288	27	115	140	282	1282
08:15 AM	53	414	34	501	94	173	37	304	109	219	43	371	40	125	136	301	1477
08:30 AM	48	389	11	448	118	140	28	286	73	159	67	299	47	122	141	310	1343
08:45 AM	45	407	22	474	103	158	18	279	76	211	49	336	34	83	104	221	1310
Total	188	1529	93	1810	383	678	133	1194	360	730	204	1294	148	445	521	1114	5412
Grand Total	323	2605	169	3097	630	979	200	1809	631	1257	320	2208	248	676	893	1817	8931
Apprch %	10.4	84.1	5.5		34.8	54.1	11.1		28.6	56.9	14.5		13.6	37.2	49.1		
Total %	3.6	29.2	1.9	34.7	7.1	11	2.2	20.3	7.1	14.1	3.6	24.7	2.8	7.6	10	20.3	

	Jeffrey Road Southbound				Alton Parkway Westbound				Jeffrey Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	42	319	26	387	68	207	50	325	102	141	45	288	27	115	140	282	1282
08:15 AM	53	414	34	501	94	173	37	304	109	219	43	371	40	125	136	301	1477
08:30 AM	48	389	11	448	118	140	28	286	73	159	67	299	47	122	141	310	1343
08:45 AM	45	407	22	474	103	158	18	279	76	211	49	336	34	83	104	221	1310
Total Volume	188	1529	93	1810	383	678	133	1194	360	730	204	1294	148	445	521	1114	5412
% App. Total	10.4	84.5	5.1		32.1	56.8	11.1		27.8	56.4	15.8		13.3	39.9	46.8		
PHF	.887	.923	.684	.903	.811	.819	.665	.918	.826	.833	.761	.872	.787	.890	.924	.898	.916

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City of Irvine
N/S: Jeffrey Road
E/W: Alton Parkway
Weather: Clear

File Name : 291_IRV_JEFF_ALT AM1
Site Code : 05124139
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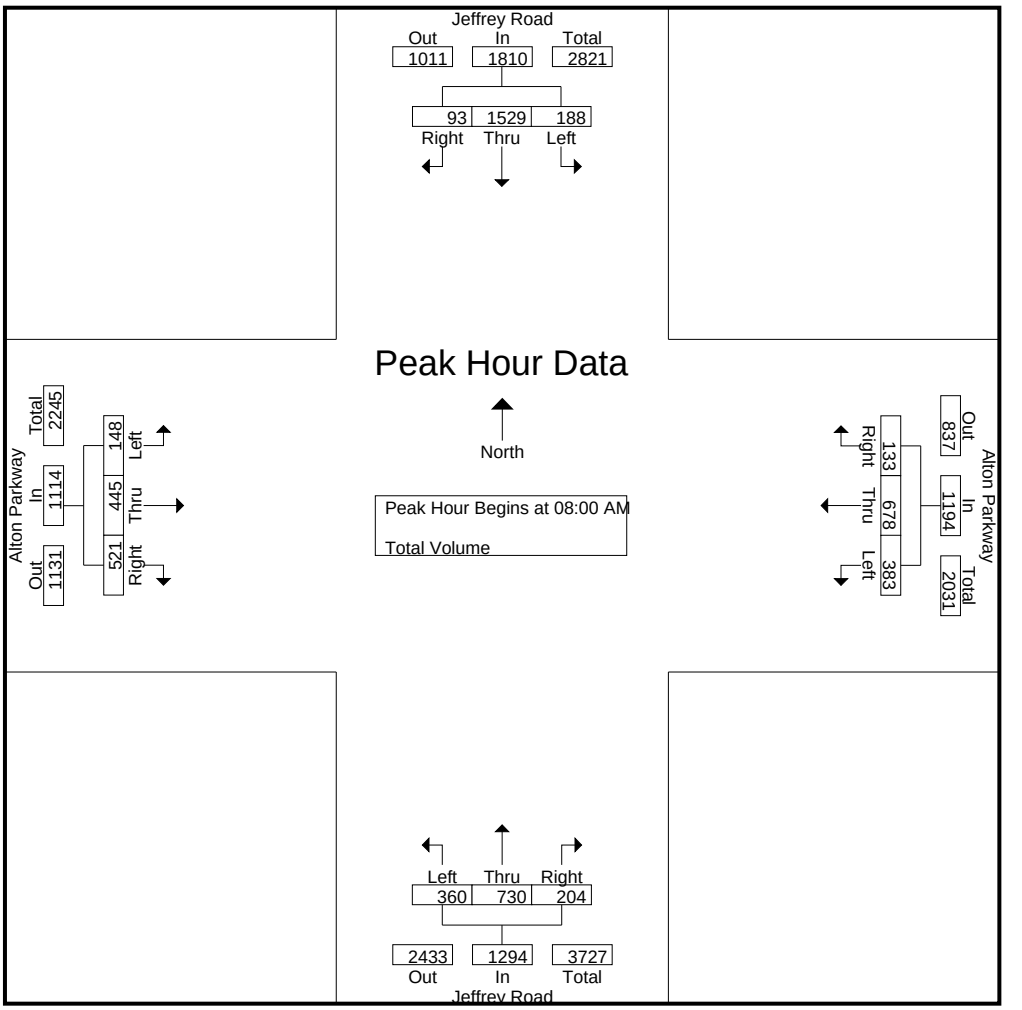

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	42	319	26	387	68	207	50	325	102	141	45	288	27	115	140	282
+15 mins.	53	414	34	501	94	173	37	304	109	219	43	371	40	125	136	301
+30 mins.	48	389	11	448	118	140	28	286	73	159	67	299	47	122	141	310
+45 mins.	45	407	22	474	103	158	18	279	76	211	49	336	34	83	104	221
Total Volume	188	1529	93	1810	383	678	133	1194	360	730	204	1294	148	445	521	1114
% App. Total	10.4	84.5	5.1		32.1	56.8	11.1		27.8	56.4	15.8		13.3	39.9	46.8	
PHF	.887	.923	.684	.903	.811	.819	.665	.918	.826	.833	.761	.872	.787	.890	.924	.898

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City of Irvine
N/S: Jeffrey Road
E/W: Alton Parkway
Weather: Clear

File Name : 291_IRV_JEFF_ALT PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jeffrey Road Southbound				Alton Parkway Westbound				Jeffrey Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	54	241	33	328	89	131	21	241	95	244	53	392	44	102	93	239	1200
04:15 PM	71	306	27	404	78	127	28	233	83	253	61	397	45	113	95	253	1287
04:30 PM	40	236	32	308	83	148	27	258	91	243	62	396	37	115	79	231	1193
04:45 PM	84	284	30	398	83	154	21	258	83	256	70	409	54	109	88	251	1316
Total	249	1067	122	1438	333	560	97	990	352	996	246	1594	180	439	355	974	4996
05:00 PM	52	256	25	333	108	158	30	296	119	281	66	466	38	132	93	263	1358
05:15 PM	87	256	43	386	83	157	36	276	87	297	83	467	57	142	88	287	1416
05:30 PM	53	213	27	293	89	173	21	283	127	276	68	471	52	145	107	304	1351
05:45 PM	89	283	44	416	78	161	26	265	88	264	72	424	57	145	86	288	1393
Total	281	1008	139	1428	358	649	113	1120	421	1118	289	1828	204	564	374	1142	5518
Grand Total	530	2075	261	2866	691	1209	210	2110	773	2114	535	3422	384	1003	729	2116	10514
Apprch %	18.5	72.4	9.1		32.7	57.3	10		22.6	61.8	15.6		18.1	47.4	34.5		
Total %	5	19.7	2.5	27.3	6.6	11.5	2	20.1	7.4	20.1	5.1	32.5	3.7	9.5	6.9	20.1	

	Jeffrey Road Southbound				Alton Parkway Westbound				Jeffrey Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	52	256	25	333	108	158	30	296	119	281	66	466	38	132	93	263	1358
05:15 PM	87	256	43	386	83	157	36	276	87	297	83	467	57	142	88	287	1416
05:30 PM	53	213	27	293	89	173	21	283	127	276	68	471	52	145	107	304	1351
05:45 PM	89	283	44	416	78	161	26	265	88	264	72	424	57	145	86	288	1393
Total Volume	281	1008	139	1428	358	649	113	1120	421	1118	289	1828	204	564	374	1142	5518
% App. Total	19.7	70.6	9.7		32	57.9	10.1		23	61.2	15.8		17.9	49.4	32.7		
PHF	.789	.890	.790	.858	.829	.938	.785	.946	.829	.941	.870	.970	.895	.972	.874	.939	.974

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City of Irvine
N/S: Jeffrey Road
E/W: Alton Parkway
Weather: Clear

File Name : 291_IRV_JEFF_ALT PM1
Site Code : 05124139
Start Date : 2/27/2024
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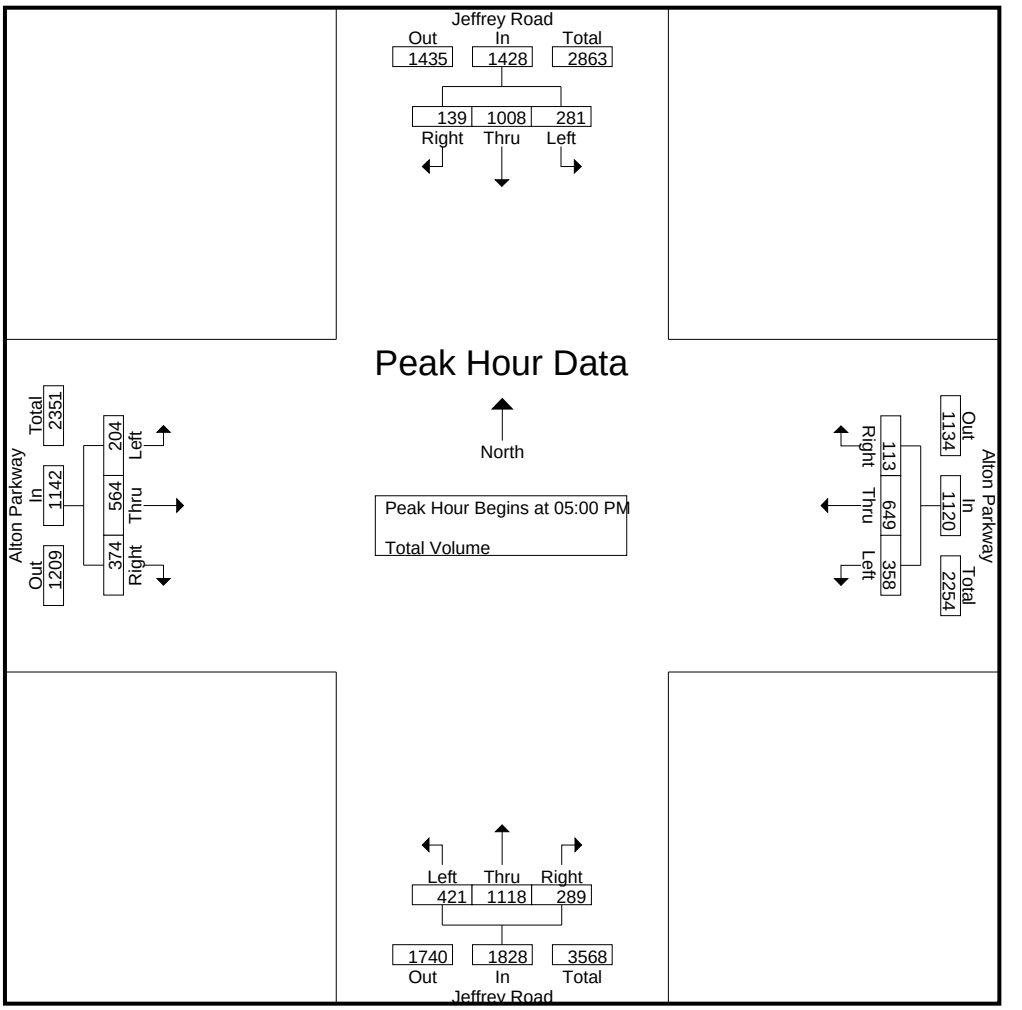

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	71	306	27	404	108	158	30	296	119	281	66	466	38	132	93	263
+15 mins.	40	236	32	308	83	157	36	276	87	297	83	467	57	142	88	287
+30 mins.	84	284	30	398	89	173	21	283	127	276	68	471	52	145	107	304
+45 mins.	52	256	25	333	78	161	26	265	88	264	72	424	57	145	86	288
Total Volume	247	1082	114	1443	358	649	113	1120	421	1118	289	1828	204	564	374	1142
% App. Total	17.1	75	7.9		32	57.9	10.1		23	61.2	15.8		17.9	49.4	32.7	
PHF	.735	.884	.891	.893	.829	.938	.785	.946	.829	.941	.870	.970	.895	.972	.874	.939

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City of Irvine
N/S: Jeffrey Road/University Drive
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 293_IRV_JEFF_405N AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jeffrey Road Southbound				I-405 Northbound Ramps Westbound				University Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	113	151	264	168	0	32	200	0	116	43	159	0	0	0	0	623
07:15 AM	0	191	161	352	209	0	47	256	0	144	52	196	0	0	0	0	804
07:30 AM	0	280	245	525	346	0	43	389	0	199	60	259	0	0	0	0	1173
07:45 AM	0	308	258	566	334	0	42	376	0	267	53	320	0	0	0	0	1262
Total	0	892	815	1707	1057	0	164	1221	0	726	208	934	0	0	0	0	3862
08:00 AM	0	299	228	527	364	0	50	414	0	257	45	302	0	0	0	0	1243
08:15 AM	0	320	311	631	295	0	26	321	0	293	56	349	0	0	0	0	1301
08:30 AM	0	346	319	665	291	0	24	315	0	295	53	348	0	0	0	0	1328
08:45 AM	0	375	255	630	273	0	26	299	0	303	41	344	0	0	0	0	1273
Total	0	1340	1113	2453	1223	0	126	1349	0	1148	195	1343	0	0	0	0	5145
Grand Total	0	2232	1928	4160	2280	0	290	2570	0	1874	403	2277	0	0	0	0	9007
Apprch %	0	53.7	46.3		88.7	0	11.3		0	82.3	17.7		0	0	0		
Total %	0	24.8	21.4	46.2	25.3	0	3.2	28.5	0	20.8	4.5	25.3	0	0	0	0	

	Jeffrey Road Southbound				I-405 Northbound Ramps Westbound				University Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	299	228	527	364	0	50	414	0	257	45	302	0	0	0	0	1243
08:15 AM	0	320	311	631	295	0	26	321	0	293	56	349	0	0	0	0	1301
08:30 AM	0	346	319	665	291	0	24	315	0	295	53	348	0	0	0	0	1328
08:45 AM	0	375	255	630	273	0	26	299	0	303	41	344	0	0	0	0	1273
Total Volume	0	1340	1113	2453	1223	0	126	1349	0	1148	195	1343	0	0	0	0	5145
% App. Total	0	54.6	45.4		90.7	0	9.3		0	85.5	14.5		0	0	0		
PHF	.000	.893	.872	.922	.840	.000	.630	.815	.000	.947	.871	.962	.000	.000	.000	.000	.969

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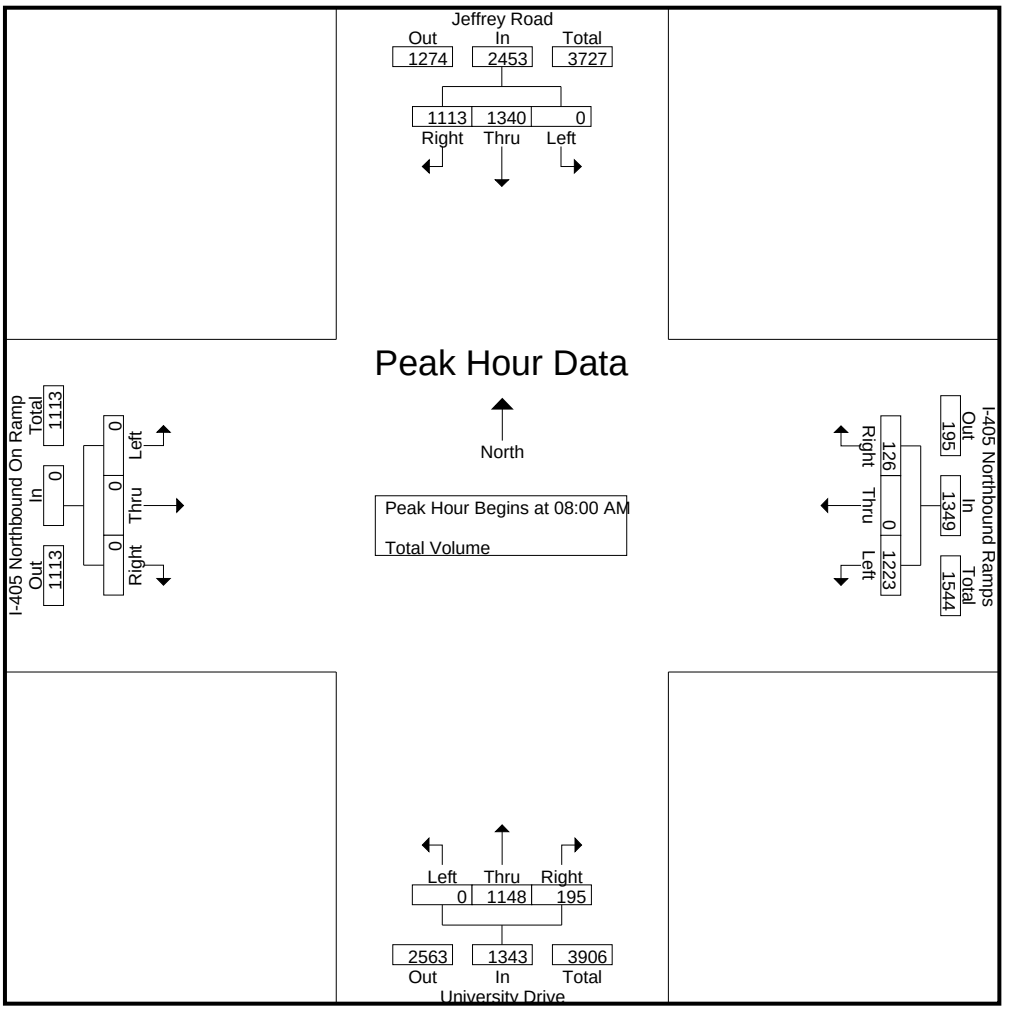
City of Irvine
N/S: Jeffrey Road/University Drive
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 293_IRV_JEFF_405N AM1
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				08:00 AM				07:00 AM			
+0 mins.	0	299	228	527	346	0	43	389	0	257	45	302	0	0	0	0
+15 mins.	0	320	311	631	334	0	42	376	0	293	56	349	0	0	0	0
+30 mins.	0	346	319	665	364	0	50	414	0	295	53	348	0	0	0	0
+45 mins.	0	375	255	630	295	0	26	321	0	303	41	344	0	0	0	0
Total Volume	0	1340	1113	2453	1339	0	161	1500	0	1148	195	1343	0	0	0	0
% App. Total	0	54.6	45.4		89.3	0	10.7		0	85.5	14.5		0	0	0	
PHF	.000	.893	.872	.922	.920	.000	.805	.906	.000	.947	.871	.962	.000	.000	.000	.000

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City of Irvine
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File Name : 293_IRV_JEFF_405N PM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jeffrey Road Southbound				I-405 Northbound Ramps Westbound				University Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	257	175	432	195	0	68	263	0	360	32	392	0	0	0	0	1087
04:15 PM	0	299	153	452	212	0	62	274	0	324	33	357	0	0	0	0	1083
04:30 PM	0	264	135	399	214	0	48	262	0	358	31	389	0	0	0	0	1050
04:45 PM	0	289	179	468	223	0	55	278	0	367	26	393	0	0	0	0	1139
Total	0	1109	642	1751	844	0	233	1077	0	1409	122	1531	0	0	0	0	4359
05:00 PM	0	281	175	456	208	0	44	252	0	403	36	439	0	0	0	0	1147
05:15 PM	0	269	153	422	192	0	55	247	0	432	18	450	0	0	0	0	1119
05:30 PM	0	276	134	410	260	0	61	321	0	378	13	391	0	0	0	0	1122
05:45 PM	0	306	104	410	230	0	75	305	0	376	16	392	0	0	0	0	1107
Total	0	1132	566	1698	890	0	235	1125	0	1589	83	1672	0	0	0	0	4495
Grand Total	0	2241	1208	3449	1734	0	468	2202	0	2998	205	3203	0	0	0	0	8854
Apprch %	0	65	35		78.7	0	21.3		0	93.6	6.4		0	0	0		
Total %	0	25.3	13.6	39	19.6	0	5.3	24.9	0	33.9	2.3	36.2	0	0	0	0	

	Jeffrey Road Southbound				I-405 Northbound Ramps Westbound				University Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	289	179	468	223	0	55	278	0	367	26	393	0	0	0	0	1139
05:00 PM	0	281	175	456	208	0	44	252	0	403	36	439	0	0	0	0	1147
05:15 PM	0	269	153	422	192	0	55	247	0	432	18	450	0	0	0	0	1119
05:30 PM	0	276	134	410	260	0	61	321	0	378	13	391	0	0	0	0	1122
Total Volume	0	1115	641	1756	883	0	215	1098	0	1580	93	1673	0	0	0	0	4527
% App. Total	0	63.5	36.5		80.4	0	19.6		0	94.4	5.6		0	0	0		
PHF	.000	.965	.895	.938	.849	.000	.881	.855	.000	.914	.646	.929	.000	.000	.000	.000	.987

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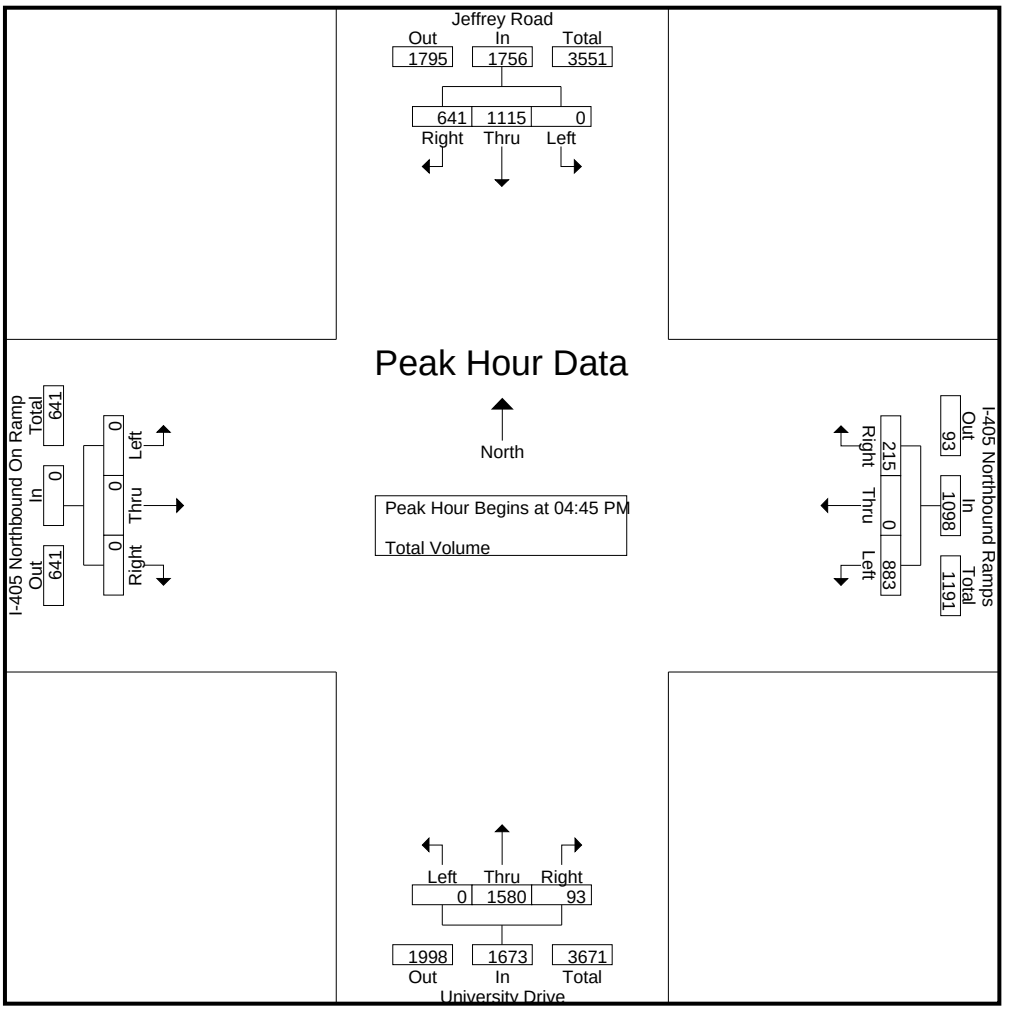
File Name : 293_IRV_JEFF_405N PM1
Site Code : 05124139
Start Date : 2/27/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				04:45 PM				04:00 PM			
+0 mins.	0	299	153	452	208	0	44	252	0	367	26	393	0	0	0	0
+15 mins.	0	264	135	399	192	0	55	247	0	403	36	439	0	0	0	0
+30 mins.	0	289	179	468	260	0	61	321	0	432	18	450	0	0	0	0
+45 mins.	0	281	175	456	230	0	75	305	0	378	13	391	0	0	0	0
Total Volume	0	1133	642	1775	890	0	235	1125	0	1580	93	1673	0	0	0	0
% App. Total	0	63.8	36.2		79.1	0	20.9		0	94.4	5.6		0	0	0	
PHF	.000	.947	.897	.948	.856	.000	.783	.876	.000	.914	.646	.929	.000	.000	.000	.000

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Weather: Clear

File Name : 294_IRV_Uni_405S AM1
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Jeffrey Road Southbound				I-405 Southbound On Ramp Westbound				University Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	240	35	275	0	0	0	0	0	85	119	204	80	0	31	111	590
07:15 AM	0	350	55	405	0	0	0	0	0	107	124	231	91	0	25	116	752
07:30 AM	0	458	70	528	0	0	0	0	0	155	169	324	120	0	28	148	1000
07:45 AM	0	568	74	642	0	0	0	0	0	188	244	432	133	0	28	161	1235
Total	0	1616	234	1850	0	0	0	0	0	535	656	1191	424	0	112	536	3577
08:00 AM	0	600	69	669	0	0	0	0	0	187	262	449	114	0	27	141	1259
08:15 AM	0	571	59	630	0	0	0	0	0	225	311	536	129	0	31	160	1326
08:30 AM	0	561	75	636	0	0	0	0	0	232	299	531	116	0	27	143	1310
08:45 AM	0	600	63	663	0	0	0	0	0	216	274	490	123	0	37	160	1313
Total	0	2332	266	2598	0	0	0	0	0	860	1146	2006	482	0	122	604	5208
Grand Total	0	3948	500	4448	0	0	0	0	0	1395	1802	3197	906	0	234	1140	8785
Apprch %	0	88.8	11.2		0	0	0		0	43.6	56.4		79.5	0	20.5		
Total %	0	44.9	5.7	50.6	0	0	0	0	0	15.9	20.5	36.4	10.3	0	2.7	13	

	Jeffrey Road Southbound				I-405 Southbound On Ramp Westbound				University Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	**600**	69	**669**	0	0	0	0	0	187	262	449	114	0	27	141	1259
08:15 AM	0	571	59	630	0	0	0	0	0	225	**311**	**536**	**129**	0	31	**160**	**1326**
08:30 AM	0	561	**75**	636	0	0	0	0	0	**232**	299	531	116	0	27	143	1310
08:45 AM	0	600	63	663	0	0	0	0	0	216	274	490	123	0	**37**	160	1313
Total Volume	0	2332	266	2598	0	0	0	0	0	860	1146	2006	482	0	122	604	5208
% App. Total	0	89.8	10.2		0	0	0		0	42.9	57.1		79.8	0	20.2		
PHF	.000	.972	.887	.971	.000	.000	.000	.000	.000	.927	.921	.936	.934	.000	.824	.944	.982

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File Name : 294_IRV_Uni_405S AM1
Site Code : 05124139
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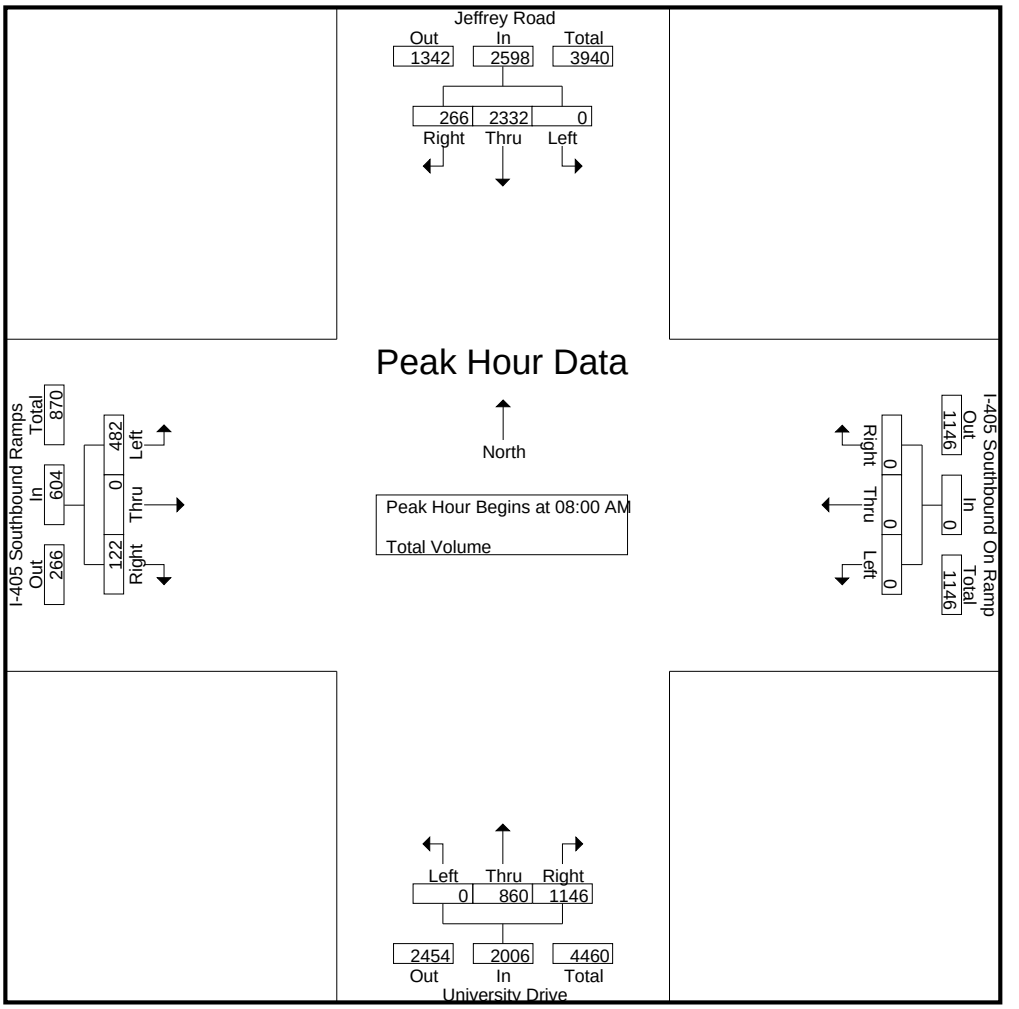

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				08:00 AM				07:30 AM			
+0 mins.	0	**600**	69	**669**	0	0	0	0	0	187	262	449	120	0	28	148
+15 mins.	0	571	59	630	0	0	0	0	0	225	**311**	**536**	**133**	0	28	**161**
+30 mins.	0	561	**75**	636	0	0	0	0	0	**232**	299	531	114	0	27	141
+45 mins.	0	600	63	663	0	0	0	0	0	216	274	490	129	0	**31**	160
Total Volume	0	2332	266	2598	0	0	0	0	0	860	1146	2006	496	0	114	610
% App. Total	0	89.8	10.2		0	0	0		0	42.9	57.1		81.3	0	18.7	
PHF	.000	.972	.887	.971	.000	.000	.000	.000	.000	.927	.921	.936	.932	.000	.919	.947

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Weather: Clear

File Name : 294_IRV_Uni_405S PM1
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Groups Printed- Total Volume

	Jeffrey Road Southbound				I-405 Southbound On Ramp Westbound				University Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	356	73	429	0	0	0	0	0	225	307	532	155	0	36	191	1152
04:15 PM	0	451	75	526	0	0	0	0	0	238	350	588	111	0	30	141	1255
04:30 PM	0	432	55	487	0	0	0	0	0	246	342	588	148	0	24	172	1247
04:45 PM	0	452	59	511	0	0	0	0	0	235	312	547	141	0	12	153	1211
Total	0	1691	262	1953	0	0	0	0	0	944	1311	2255	555	0	102	657	4865
05:00 PM	0	416	70	486	0	0	0	0	0	316	340	656	148	0	14	162	1304
05:15 PM	0	403	59	462	0	0	0	0	0	298	363	661	135	0	18	153	1276
05:30 PM	0	476	65	541	0	0	0	0	0	280	437	717	122	0	16	138	1396
05:45 PM	0	467	70	537	0	0	0	0	0	251	367	618	128	0	16	144	1299
Total	0	1762	264	2026	0	0	0	0	0	1145	1507	2652	533	0	64	597	5275
Grand Total	0	3453	526	3979	0	0	0	0	0	2089	2818	4907	1088	0	166	1254	10140
Apprch %	0	86.8	13.2		0	0	0		0	42.6	57.4		86.8	0	13.2		
Total %	0	34.1	5.2	39.2	0	0	0	0	0	20.6	27.8	48.4	10.7	0	1.6	12.4	

	Jeffrey Road Southbound				I-405 Southbound On Ramp Westbound				University Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	416	**70**	486	0	0	0	0	0	**316**	340	656	**148**	0	14	**162**	1304
05:15 PM	0	403	59	462	0	0	0	0	0	298	363	661	135	0	**18**	153	1276
05:30 PM	0	**476**	65	**541**	0	0	0	0	0	280	**437**	**717**	122	0	16	138	**1396**
05:45 PM	0	467	70	537	0	0	0	0	0	251	367	618	128	0	16	144	1299
Total Volume	0	1762	264	2026	0	0	0	0	0	1145	1507	2652	533	0	64	597	5275
% App. Total	0	87	13		0	0	0		0	43.2	56.8		89.3	0	10.7		
PHF	.000	.925	.943	.936	.000	.000	.000	.000	.000	.906	.862	.925	.900	.000	.889	.921	.945

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File Name : 294_IRV_Uni_405S PM1
Site Code : 05124139
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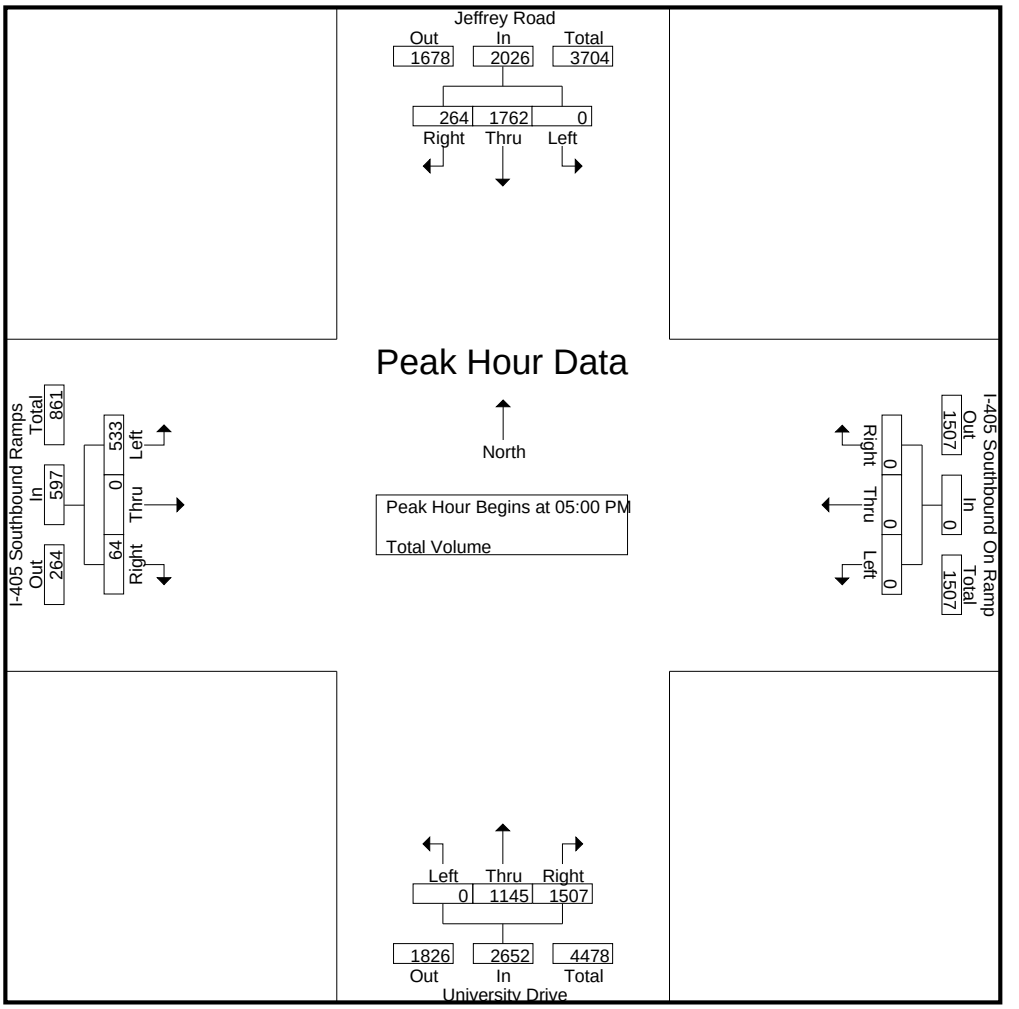

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				04:00 PM			
+0 mins.	0	416	**70**	486	0	0	0	0	0	**316**	340	656	**155**	0	**36**	**191**
+15 mins.	0	403	59	462	0	0	0	0	0	298	363	661	111	0	30	141
+30 mins.	0	**476**	65	**541**	0	0	0	0	0	280	**437**	**717**	148	0	24	172
+45 mins.	0	467	70	537	0	0	0	0	0	251	367	618	141	0	12	153
Total Volume	0	1762	264	2026	0	0	0	0	0	1145	1507	2652	555	0	102	657
% App. Total	0	87	13		0	0	0		0	43.2	56.8		84.5	0	15.5	
PHF	.000	.925	.943	.936	.000	.000	.000	.000	.000	.906	.862	.925	.895	.000	.708	.860

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Portola Parkway
Weather: Clear

File Name : 300_IRV_SCyn_Port AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Westbound			Sand Canyon Avenue Northbound			Portola Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	56	59	115	28	34	62	24	57	81	258
07:15 AM	70	72	142	31	25	56	70	72	142	340
07:30 AM	90	141	231	72	54	126	109	138	247	604
07:45 AM	77	137	214	77	49	126	64	101	165	505
Total	293	409	702	208	162	370	267	368	635	1707
08:00 AM	86	144	230	45	43	88	66	72	138	456
08:15 AM	121	145	266	27	49	76	106	105	211	553
08:30 AM	76	94	170	25	53	78	90	81	171	419
08:45 AM	71	91	162	26	59	85	102	81	183	430
Total	354	474	828	123	204	327	364	339	703	1858
Grand Total	647	883	1530	331	366	697	631	707	1338	3565
Apprch %	42.3	57.7		47.5	52.5		47.2	52.8		
Total %	18.1	24.8	42.9	9.3	10.3	19.6	17.7	19.8	37.5	

	Portola Parkway Westbound			Sand Canyon Avenue Northbound			Portola Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	90	141	231	72	**54**	**126**	**109**	**138**	**247**	**604**
07:45 AM	77	137	214	**77**	49	126	64	101	165	505
08:00 AM	86	144	230	45	43	88	66	72	138	456
08:15 AM	**121**	**145**	**266**	27	49	76	106	105	211	553
Total Volume	374	567	941	221	195	416	345	416	761	2118
% App. Total	39.7	60.3		53.1	46.9		45.3	54.7		
PHF	.773	.978	.884	.718	.903	.825	.791	.754	.770	.877

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City of Irvine
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File Name : 300_IRV_SCyn_Port AM
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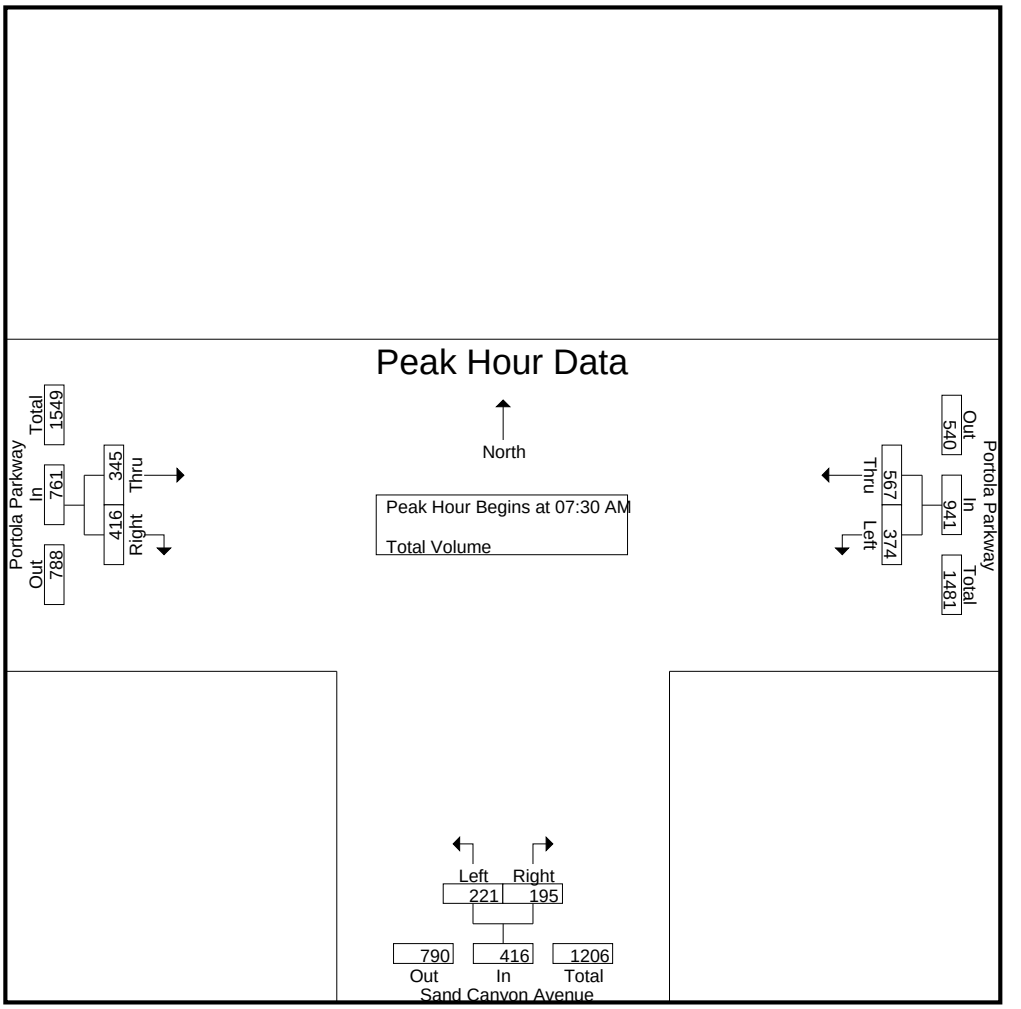

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:30 AM			07:30 AM		
+0 mins.	90	141	231	72	**54**	**126**	**109**	**138**	**247**
+15 mins.	77	137	214	**77**	49	126	64	101	165
+30 mins.	86	144	230	45	43	88	66	72	138
+45 mins.	**121**	**145**	**266**	27	49	76	106	105	211
Total Volume	374	567	941	221	195	416	345	416	761
% App. Total	39.7	60.3		53.1	46.9		45.3	54.7	
PHF	.773	.978	.884	.718	.903	.825	.791	.754	.770

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Portola Parkway
Weather: Clear

File Name : 300_IRV_SCyn_Port PM
Site Code : 05124139
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Groups Printed- Total Volume

	Portola Parkway Westbound			Sand Canyon Avenue Northbound			Portola Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	50	103	153	80	71	151	86	48	134	438
04:15 PM	45	100	145	91	78	169	98	54	152	466
04:30 PM	42	112	154	94	92	186	101	49	150	490
04:45 PM	39	118	157	150	89	239	104	50	154	550
Total	176	433	609	415	330	745	389	201	590	1944
05:00 PM	32	135	167	87	89	176	105	55	160	503
05:15 PM	51	140	191	109	92	201	133	77	210	602
05:30 PM	44	156	200	101	87	188	126	53	179	567
05:45 PM	61	138	199	83	87	170	95	44	139	508
Total	188	569	757	380	355	735	459	229	688	2180
Grand Total	364	1002	1366	795	685	1480	848	430	1278	4124
Apprch %	26.6	73.4		53.7	46.3		66.4	33.6		
Total %	8.8	24.3	33.1	19.3	16.6	35.9	20.6	10.4	31	

	Portola Parkway Westbound			Sand Canyon Avenue Northbound			Portola Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	39	118	157	**150**	89	**239**	104	50	154	550
05:00 PM	32	135	167	87	89	176	105	55	160	503
05:15 PM	**51**	140	191	109	**92**	201	**133**	**77**	**210**	**602**
05:30 PM	44	**156**	**200**	101	87	188	126	53	179	567
Total Volume	166	549	715	447	357	804	468	235	703	2222
% App. Total	23.2	76.8		55.6	44.4		66.6	33.4		
PHF	.814	.880	.894	.745	.970	.841	.880	.763	.837	.923

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Weather: Clear

File Name : 300_IRV_SCyn_Port PM
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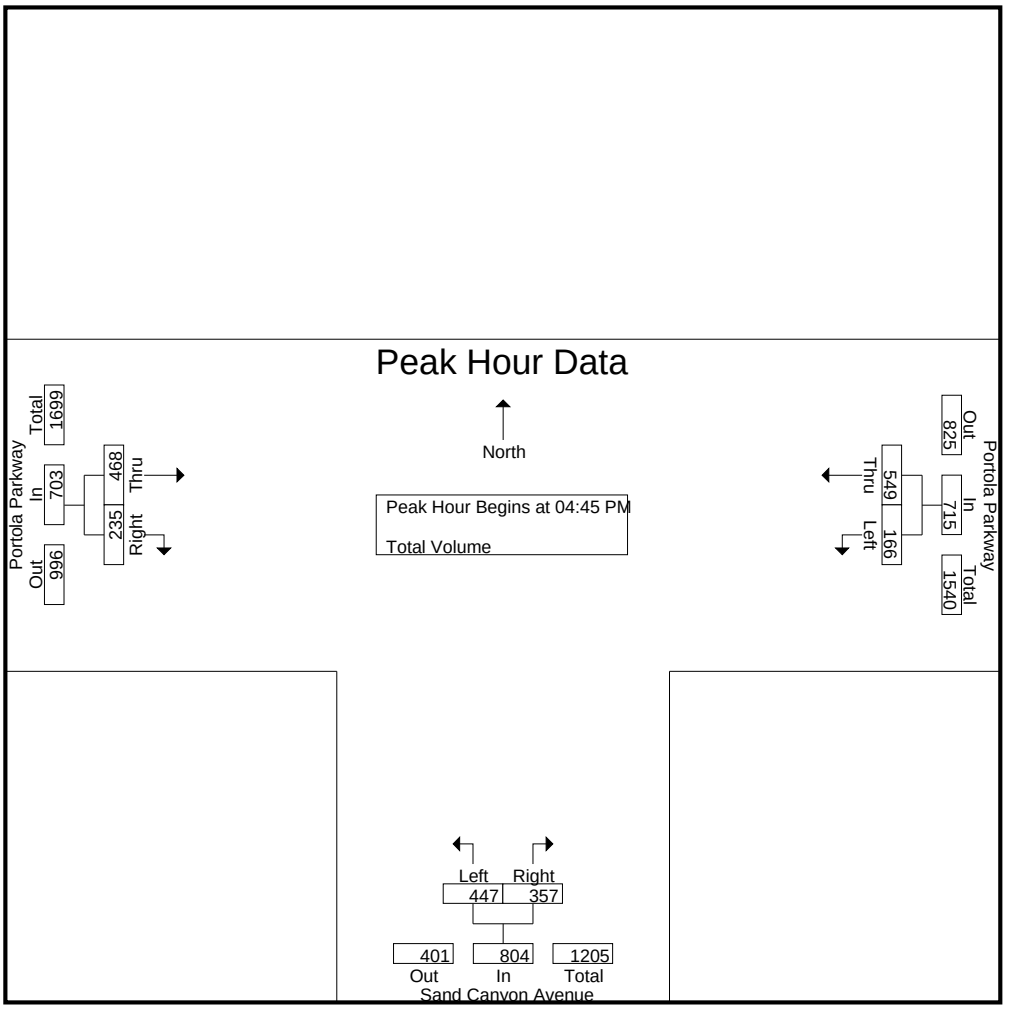

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:45 PM			04:45 PM		
+0 mins.	32	135	167	**150**	89	**239**	104	50	154
+15 mins.	51	140	191	87	89	176	105	55	160
+30 mins.	44	**156**	**200**	109	**92**	201	**133**	**77**	**210**
+45 mins.	**61**	138	199	101	87	188	126	53	179
Total Volume	188	569	757	447	357	804	468	235	703
% App. Total	24.8	75.2		55.6	44.4		66.6	33.4	
PHF	.770	.912	.946	.745	.970	.841	.880	.763	.837

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City of Irvine
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Weather: Clear

File Name : 301_IRV_SCyn_IrvB AM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Irvine Boulevard Westbound				Sand Canyon Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	57	72	10	139	109	82	45	236	12	60	54	126	11	91	24	126	627
07:15 AM	64	98	22	184	81	128	108	317	24	70	53	147	26	116	27	169	817
07:30 AM	98	121	30	249	93	170	125	388	21	108	86	215	46	180	28	254	1106
07:45 AM	107	163	59	329	112	243	51	406	21	40	91	152	15	199	30	244	1131
Total	326	454	121	901	395	623	329	1347	78	278	284	640	98	586	109	793	3681
08:00 AM	85	149	23	257	118	254	31	403	28	51	95	174	22	263	36	321	1155
08:15 AM	71	156	19	246	148	215	25	388	29	50	87	166	20	189	33	242	1042
08:30 AM	62	199	22	283	133	303	32	468	17	62	81	160	19	213	59	291	1202
08:45 AM	69	121	13	203	111	177	21	309	22	56	83	161	17	179	48	244	917
Total	287	625	77	989	510	949	109	1568	96	219	346	661	78	844	176	1098	4316
Grand Total	613	1079	198	1890	905	1572	438	2915	174	497	630	1301	176	1430	285	1891	7997
Apprch %	32.4	57.1	10.5		31	53.9	15		13.4	38.2	48.4		9.3	75.6	15.1		
Total %	7.7	13.5	2.5	23.6	11.3	19.7	5.5	36.5	2.2	6.2	7.9	16.3	2.2	17.9	3.6	23.6	

	Sand Canyon Avenue Southbound				Irvine Boulevard Westbound				Sand Canyon Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**107**	163	**59**	**329**	112	243	**51**	406	21	40	91	152	15	199	30	244	1131
08:00 AM	85	149	23	257	118	254	31	403	28	51	**95**	**174**	**22**	**263**	36	**321**	1155
08:15 AM	71	156	19	246	**148**	215	25	388	**29**	50	87	166	20	189	33	242	1042
08:30 AM	62	**199**	22	283	133	**303**	32	**468**	17	**62**	81	160	19	213	**59**	291	**1202**
Total Volume	325	667	123	1115	511	1015	139	1665	95	203	354	652	76	864	158	1098	4530
% App. Total	29.1	59.8	11		30.7	61	8.3		14.6	31.1	54.3		6.9	78.7	14.4		
PHF	.759	.838	.521	.847	.863	.837	.681	.889	.819	.819	.932	.937	.864	.821	.669	.855	.942

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Site Code : 05124139
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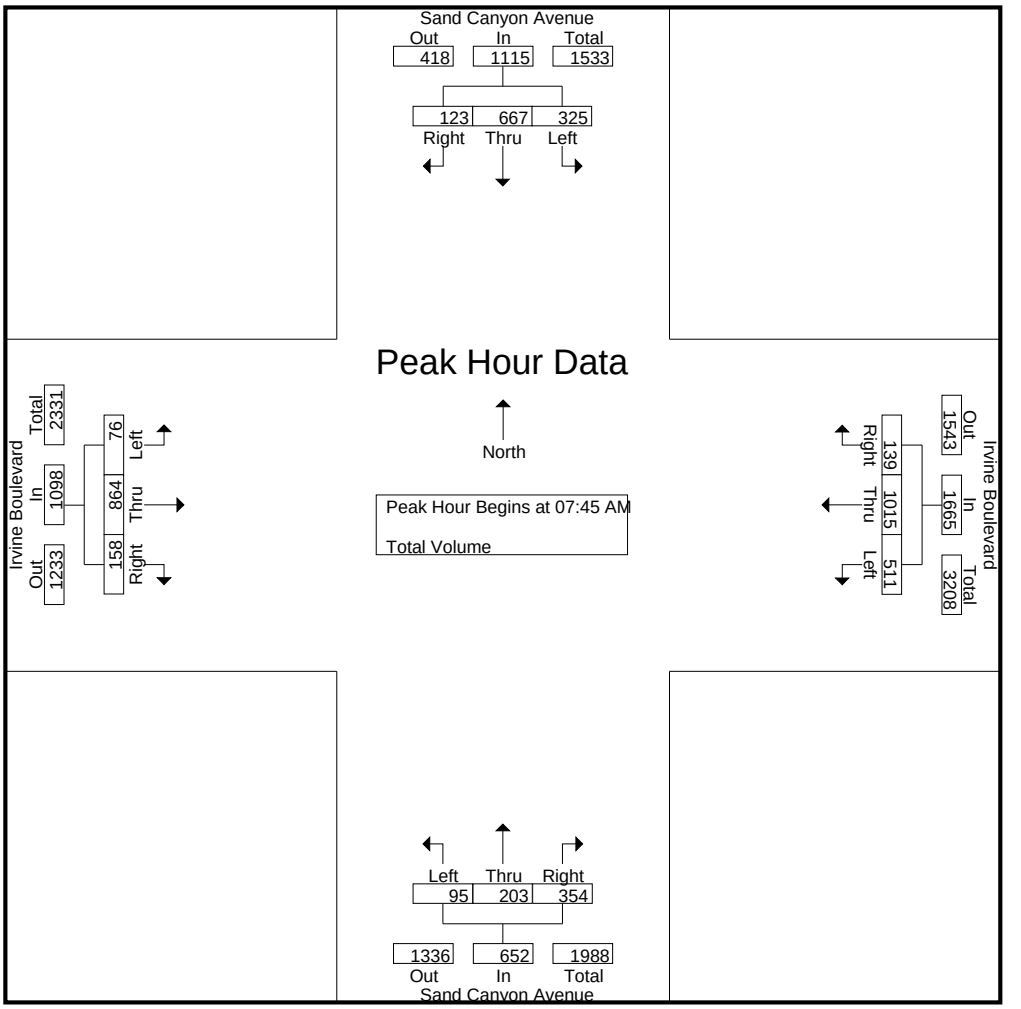

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:45 AM			
+0 mins.	**107**	163	**59**	**329**	112	243	**51**	406	21	**108**	86	**215**	15	199	30	244
+15 mins.	85	149	23	257	118	254	31	403	21	40	91	152	**22**	**263**	36	**321**
+30 mins.	71	156	19	246	**148**	215	25	388	28	51	**95**	174	20	189	33	242
+45 mins.	62	**199**	22	283	133	**303**	32	**468**	**29**	50	87	166	19	213	**59**	291
Total Volume	325	667	123	1115	511	1015	139	1665	99	249	359	707	76	864	158	1098
% App. Total	29.1	59.8	11		30.7	61	8.3		14	35.2	50.8		6.9	78.7	14.4	
PHF	.759	.838	.521	.847	.863	.837	.681	.889	.853	.576	.945	.822	.864	.821	.669	.855

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City of Irvine
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E/W: Irvine Boulevard
Weather: Clear

File Name : 301_IRV_SCyn_IrvB PM
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Irvine Boulevard Westbound				Sand Canyon Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	37	94	21	152	104	278	50	432	41	125	111	277	32	211	26	269	1130
04:15 PM	38	99	25	162	94	337	52	483	43	118	118	279	41	248	32	321	1245
04:30 PM	42	73	15	130	77	280	64	421	50	146	103	299	31	240	33	304	1154
04:45 PM	42	77	11	130	88	319	65	472	61	143	107	311	40	228	34	302	1215
Total	159	343	72	574	363	1214	231	1808	195	532	439	1166	144	927	125	1196	4744
05:00 PM	45	68	24	137	85	321	53	459	60	131	115	306	45	239	24	308	1210
05:15 PM	56	105	26	187	86	352	67	505	51	115	104	270	36	257	30	323	1285
05:30 PM	38	71	28	137	95	366	63	524	48	135	109	292	37	257	38	332	1285
05:45 PM	31	76	22	129	78	260	57	395	50	103	86	239	51	264	36	351	1114
Total	170	320	100	590	344	1299	240	1883	209	484	414	1107	169	1017	128	1314	4894
Grand Total	329	663	172	1164	707	2513	471	3691	404	1016	853	2273	313	1944	253	2510	9638
Apprch %	28.3	57	14.8		19.2	68.1	12.8		17.8	44.7	37.5		12.5	77.5	10.1		
Total %	3.4	6.9	1.8	12.1	7.3	26.1	4.9	38.3	4.2	10.5	8.9	23.6	3.2	20.2	2.6	26	

	Sand Canyon Avenue Southbound				Irvine Boulevard Westbound				Sand Canyon Avenue Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	42	77	11	130	88	319	65	472	**61**	**143**	107	**311**	40	228	34	302	1215
05:00 PM	45	68	24	137	85	321	53	459	60	131	**115**	306	**45**	239	24	308	1210
05:15 PM	**56**	**105**	26	**187**	86	352	**67**	505	51	115	104	270	36	**257**	30	323	**1285**
05:30 PM	38	71	**28**	137	**95**	**366**	63	**524**	48	135	109	292	37	257	**38**	**332**	1285
Total Volume	181	321	89	591	354	1358	248	1960	220	524	435	1179	158	981	126	1265	4995
% App. Total	30.6	54.3	15.1		18.1	69.3	12.7		18.7	44.4	36.9		12.5	77.5	10		
PHF	.808	.764	.795	.790	.932	.928	.925	.935	.902	.916	.946	.948	.878	.954	.829	.953	.972

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Site Code : 05124139
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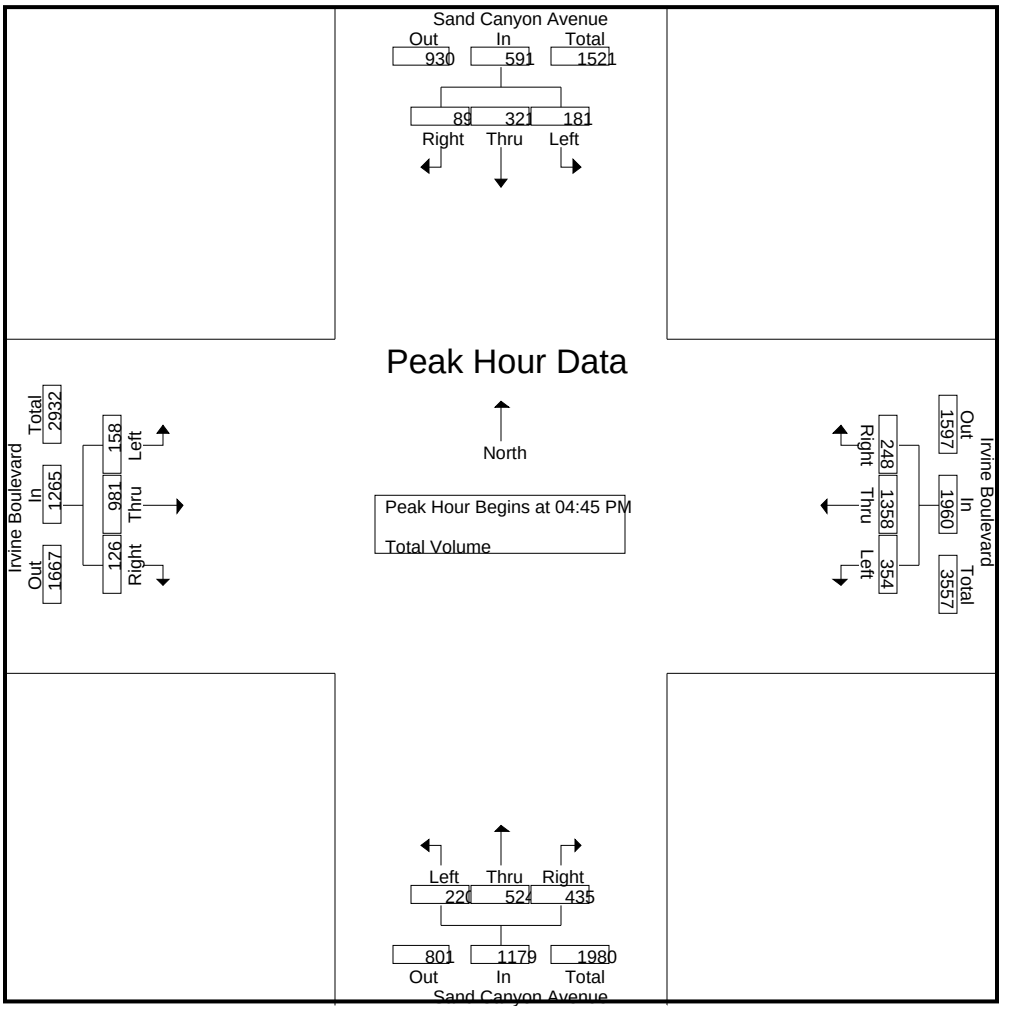

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:15 PM				05:00 PM			
+0 mins.	42	77	11	130	88	319	65	472	43	118	**118**	279	45	239	24	308
+15 mins.	45	68	24	137	85	321	53	459	50	**146**	103	299	36	257	30	323
+30 mins.	**56**	**105**	26	**187**	86	352	**67**	505	**61**	143	107	**311**	37	257	**38**	332
+45 mins.	38	71	**28**	137	**95**	**366**	63	**524**	60	131	115	306	**51**	**264**	36	**351**
Total Volume	181	321	89	591	354	1358	248	1960	214	538	443	1195	169	1017	128	1314
% App. Total	30.6	54.3	15.1		18.1	69.3	12.7		17.9	45	37.1		12.9	77.4	9.7	
PHF	.808	.764	.795	.790	.932	.928	.925	.935	.877	.921	.939	.961	.828	.963	.842	.936

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City of Irvine
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Weather: Clear

File Name : 302_IRV_SCyn_Tra AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Great Park Boulevard Westbound				Sand Canyon Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	234	21	260	75	16	8	99	4	96	49	149	11	15	21	47	555
07:15 AM	8	247	30	285	91	27	11	129	6	139	44	189	12	26	25	63	666
07:30 AM	11	282	21	314	125	44	13	182	10	147	66	223	19	24	35	78	797
07:45 AM	17	328	37	382	140	106	14	260	18	116	60	194	19	44	32	95	931
Total	41	1091	109	1241	431	193	46	670	38	498	219	755	61	109	113	283	2949
08:00 AM	24	336	43	403	111	101	18	230	11	103	87	201	37	95	47	179	1013
08:15 AM	16	296	61	373	133	126	25	284	10	140	51	201	29	50	43	122	980
08:30 AM	16	310	107	433	129	163	29	321	11	117	57	185	42	47	33	122	1061
08:45 AM	16	299	31	346	98	74	10	182	16	122	49	187	39	56	55	150	865
Total	72	1241	242	1555	471	464	82	1017	48	482	244	774	147	248	178	573	3919
Grand Total	113	2332	351	2796	902	657	128	1687	86	980	463	1529	208	357	291	856	6868
Apprch %	4	83.4	12.6		53.5	38.9	7.6		5.6	64.1	30.3		24.3	41.7	34		
Total %	1.6	34	5.1	40.7	13.1	9.6	1.9	24.6	1.3	14.3	6.7	22.3	3	5.2	4.2	12.5	

	Sand Canyon Avenue Southbound				Great Park Boulevard Westbound				Sand Canyon Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	17	328	37	382	**140**	106	14	260	**18**	116	60	194	19	44	32	95	931
08:00 AM	**24**	**336**	43	403	111	101	18	230	11	103	**87**	**201**	37	**95**	**47**	**179**	1013
08:15 AM	16	296	61	373	133	126	25	284	10	**140**	51	201	29	50	43	122	980
08:30 AM	16	310	**107**	**433**	129	**163**	**29**	**321**	11	117	57	185	**42**	47	33	122	**1061**
Total Volume	73	1270	248	1591	513	496	86	1095	50	476	255	781	127	236	155	518	3985
% App. Total	4.6	79.8	15.6		46.8	45.3	7.9		6.4	60.9	32.7		24.5	45.6	29.9		
PHF	.760	.945	.579	.919	.916	.761	.741	.853	.694	.850	.733	.971	.756	.621	.824	.723	.939

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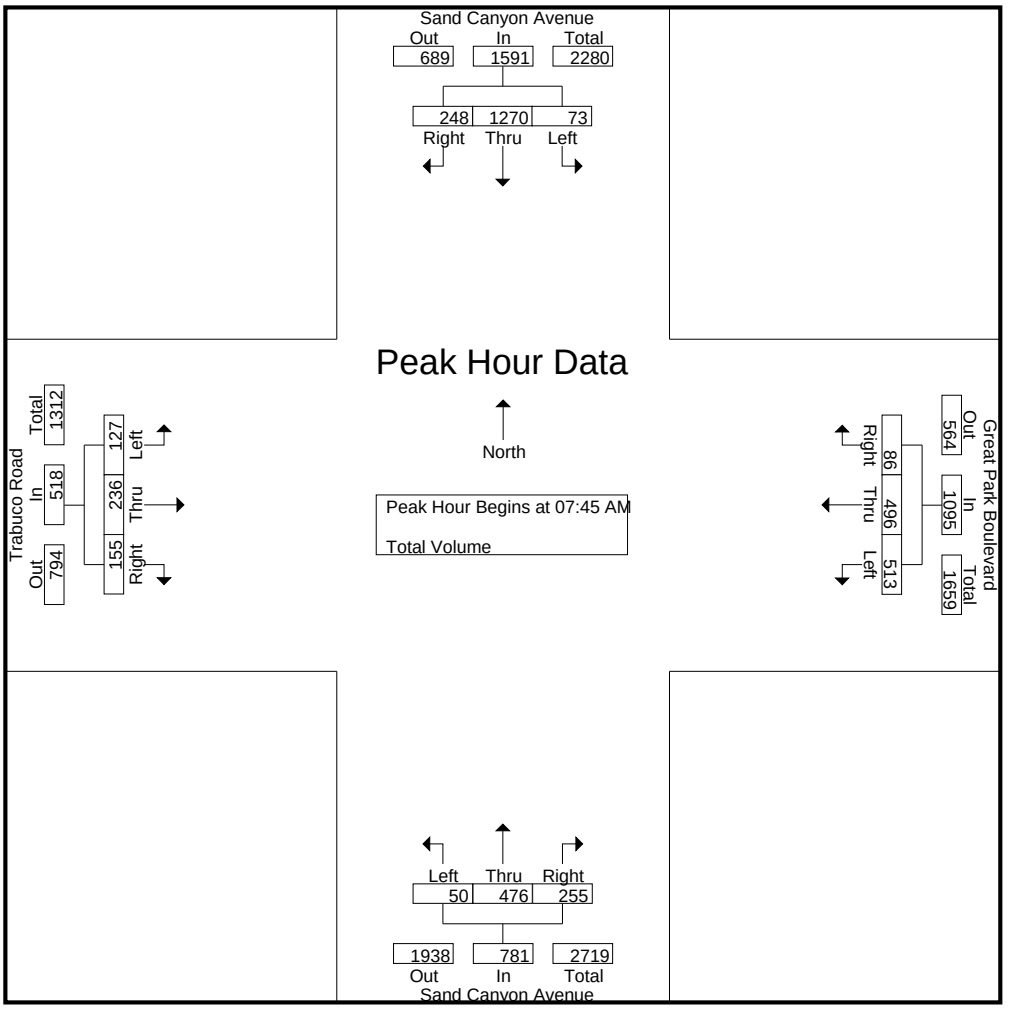

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				08:00 AM			
+0 mins.	17	328	37	382	**140**	106	14	260	10	**147**	66	**223**	37	**95**	47	**179**
+15 mins.	**24**	**336**	43	403	111	101	18	230	**18**	116	60	194	29	50	43	122
+30 mins.	16	296	61	373	133	126	25	284	11	103	**87**	201	**42**	47	33	122
+45 mins.	16	310	**107**	**433**	129	**163**	**29**	**321**	10	140	51	201	39	56	**55**	150
Total Volume	73	1270	248	1591	513	496	86	1095	49	506	264	819	147	248	178	573
% App. Total	4.6	79.8	15.6		46.8	45.3	7.9		6	61.8	32.2		25.7	43.3	31.1	
PHF	.760	.945	.579	.919	.916	.761	.741	.853	.681	.861	.759	.918	.875	.653	.809	.800

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City of Irvine
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Great Park Boulevard Westbound				Sand Canyon Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	15	170	39	224	66	81	30	177	36	298	99	433	23	53	24	100	934
04:15 PM	33	168	31	232	71	62	25	158	29	303	108	440	33	78	19	130	960
04:30 PM	24	148	22	194	73	94	21	188	41	323	95	459	20	53	17	90	931
04:45 PM	29	138	21	188	63	80	29	172	37	325	103	465	24	74	14	112	937
Total	101	624	113	838	273	317	105	695	143	1249	405	1797	100	258	74	432	3762
05:00 PM	29	139	31	199	65	108	34	207	31	335	126	492	33	84	16	133	1031
05:15 PM	30	142	38	210	78	110	35	223	35	282	151	468	31	86	13	130	1031
05:30 PM	33	170	18	221	67	79	31	177	39	330	110	479	28	92	10	130	1007
05:45 PM	41	152	27	220	80	83	26	189	32	240	124	396	25	100	24	149	954
Total	133	603	114	850	290	380	126	796	137	1187	511	1835	117	362	63	542	4023
Grand Total	234	1227	227	1688	563	697	231	1491	280	2436	916	3632	217	620	137	974	7785
Apprch %	13.9	72.7	13.4		37.8	46.7	15.5		7.7	67.1	25.2		22.3	63.7	14.1		
Total %	3	15.8	2.9	21.7	7.2	9	3	19.2	3.6	31.3	11.8	46.7	2.8	8	1.8	12.5	

	Sand Canyon Avenue Southbound				Great Park Boulevard Westbound				Sand Canyon Avenue Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	29	139	31	199	65	108	34	207	31	**335**	126	**492**	**33**	84	16	133	**1031**
05:15 PM	30	142	**38**	210	78	**110**	**35**	**223**	35	282	**151**	468	31	86	13	130	1031
05:30 PM	33	**170**	18	**221**	67	79	31	177	**39**	330	110	479	28	92	10	130	1007
05:45 PM	**41**	152	27	220	**80**	83	26	189	32	240	124	396	25	**100**	**24**	**149**	954
Total Volume	133	603	114	850	290	380	126	796	137	1187	511	1835	117	362	63	542	4023
% App. Total	15.6	70.9	13.4		36.4	47.7	15.8		7.5	64.7	27.8		21.6	66.8	11.6		
PHF	.811	.887	.750	.962	.906	.864	.900	.892	.878	.886	.846	.932	.886	.905	.656	.909	.976

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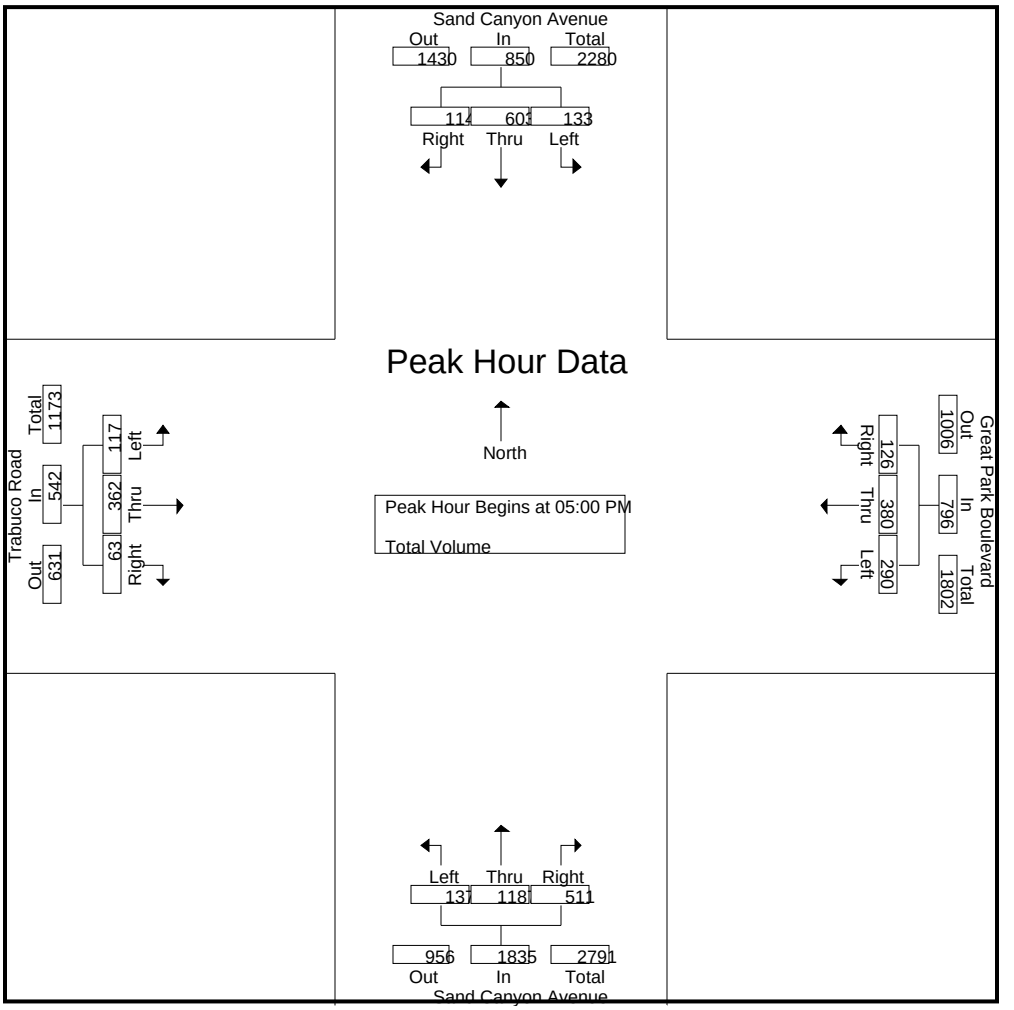

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	29	139	31	199	65	108	34	207	37	325	103	465	**33**	84	16	133
+15 mins.	30	142	**38**	210	78	**110**	**35**	**223**	31	**335**	126	**492**	31	86	13	130
+30 mins.	33	**170**	18	**221**	67	79	31	177	35	282	**151**	468	28	92	10	130
+45 mins.	**41**	152	27	220	**80**	83	26	189	**39**	330	110	479	25	**100**	**24**	**149**
Total Volume	133	603	114	850	290	380	126	796	142	1272	490	1904	117	362	63	542
% App. Total	15.6	70.9	13.4		36.4	47.7	15.8		7.5	66.8	25.7		21.6	66.8	11.6	
PHF	.811	.887	.750	.962	.906	.864	.900	.892	.910	.949	.811	.967	.886	.905	.656	.909

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PO Box 1178
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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 303_IRV_SCyn_5N AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				OCTA Irvine Driveway Westbound				Sand Canyon Avenue Northbound				I-5 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	229	118	347	1	3	0	4	45	88	0	133	49	0	44	93	577
07:15 AM	0	305	122	427	1	0	0	1	46	123	0	169	83	0	55	138	735
07:30 AM	0	406	184	590	0	0	0	0	67	115	0	182	113	0	73	186	958
07:45 AM	0	411	161	572	0	0	0	0	65	125	0	190	79	0	84	163	925
Total	0	1351	585	1936	2	3	0	5	223	451	0	674	324	0	256	580	3195
08:00 AM	0	478	137	615	2	0	0	2	55	124	0	179	93	0	103	196	992
08:15 AM	0	476	131	607	0	0	0	0	70	113	0	183	79	0	116	195	985
08:30 AM	0	428	138	566	2	0	0	2	62	137	0	199	69	0	134	203	970
08:45 AM	0	496	112	608	1	0	0	1	73	120	0	193	76	0	111	187	989
Total	0	1878	518	2396	5	0	0	5	260	494	0	754	317	0	464	781	3936
Grand Total	0	3229	1103	4332	7	3	0	10	483	945	0	1428	641	0	720	1361	7131
Apprch %	0	74.5	25.5		70	30	0		33.8	66.2	0		47.1	0	52.9		
Total %	0	45.3	15.5	60.7	0.1	0	0	0.1	6.8	13.3	0	20	9	0	10.1	19.1	

	Sand Canyon Avenue Southbound				OCTA Irvine Driveway Westbound				Sand Canyon Avenue Northbound				I-5 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	478	137	**615**	**2**	0	0	**2**	55	124	0	179	**93**	0	103	196	**992**
08:15 AM	0	476	131	607	0	0	0	0	70	113	0	183	79	0	116	195	985
08:30 AM	0	428	**138**	566	2	0	0	2	62	**137**	0	**199**	69	0	**134**	**203**	970
08:45 AM	0	**496**	112	608	1	0	0	1	**73**	120	0	193	76	0	111	187	989
Total Volume	0	1878	518	2396	5	0	0	5	260	494	0	754	317	0	464	781	3936
% App. Total	0	78.4	21.6		100	0	0		34.5	65.5	0		40.6	0	59.4		
PHF	.000	.947	.938	.974	.625	.000	.000	.625	.890	.901	.000	.947	.852	.000	.866	.962	.992

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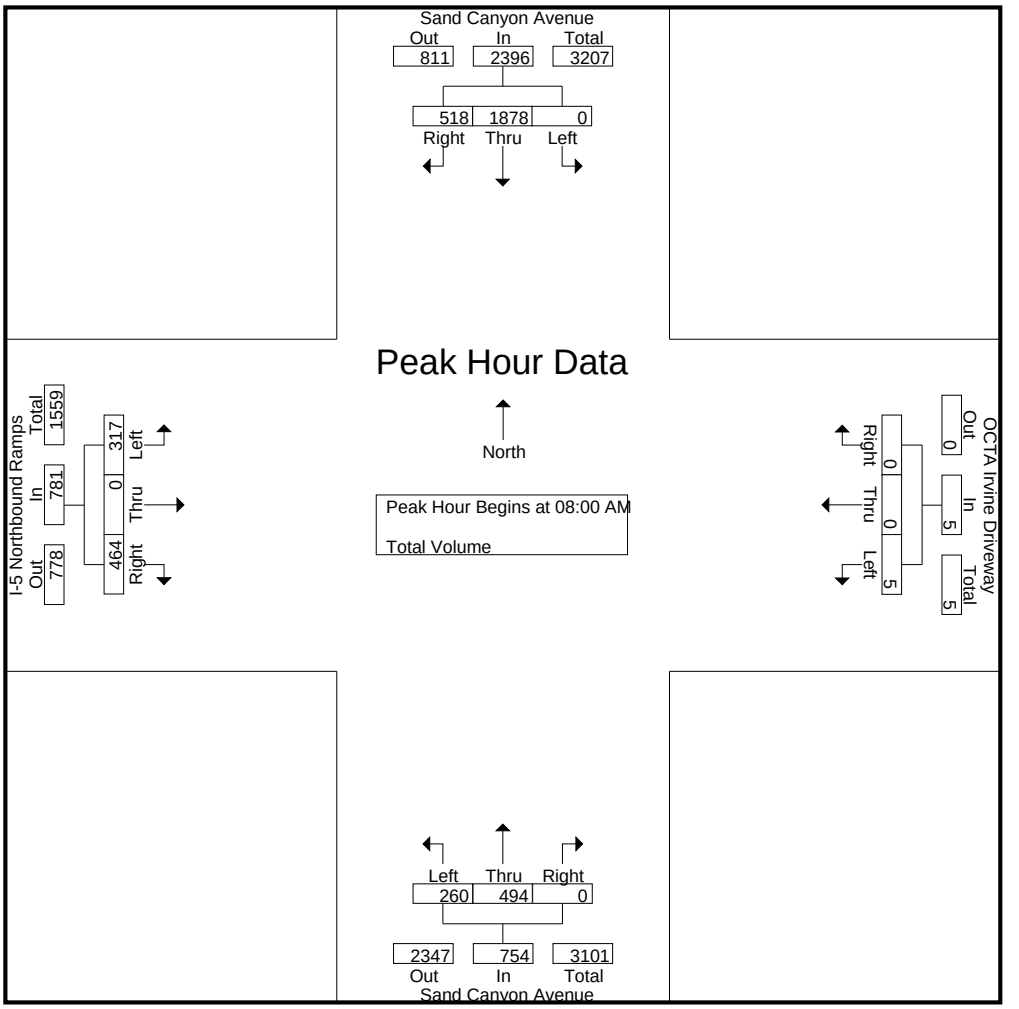
City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 303_IRV_SCyn_5N AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	478	137	**615**	**1**	**3**	0	**4**	55	124	0	179	**93**	0	103	196
+15 mins.	0	476	131	607	1	0	0	1	70	113	0	183	79	0	116	195
+30 mins.	0	428	**138**	566	0	0	0	0	62	**137**	0	**199**	69	0	**134**	**203**
+45 mins.	0	**496**	112	608	0	0	0	0	**73**	120	0	193	76	0	111	187
Total Volume	0	1878	518	2396	2	3	0	5	260	494	0	754	317	0	464	781
% App. Total	0	78.4	21.6		40	60	0		34.5	65.5	0		40.6	0	59.4	
PHF	.000	.947	.938	.974	.500	.250	.000	.313	.890	.901	.000	.947	.852	.000	.866	.962

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 303_IRV_SCyn_5N PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				OCTA Irvine Driveway Westbound				Sand Canyon Avenue Northbound				I-5 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	257	101	358	1	2	0	3	141	356	0	497	196	0	59	255	1113
04:15 PM	0	284	38	322	4	0	1	5	142	374	0	516	160	0	82	242	1085
04:30 PM	1	251	39	291	1	0	0	1	169	330	0	499	153	0	97	250	1041
04:45 PM	0	249	37	286	0	0	0	0	149	356	0	505	196	1	87	284	1075
Total	1	1041	215	1257	6	2	1	9	601	1416	0	2017	705	1	325	1031	4314
05:00 PM	0	235	38	273	2	0	0	2	136	381	0	517	168	0	58	226	1018
05:15 PM	0	242	39	281	2	0	0	2	134	405	0	539	169	0	88	257	1079
05:30 PM	0	269	38	307	1	0	0	1	122	436	0	558	165	0	89	254	1120
05:45 PM	0	282	58	340	0	0	0	0	97	372	0	469	175	0	103	278	1087
Total	0	1028	173	1201	5	0	0	5	489	1594	0	2083	677	0	338	1015	4304
Grand Total	1	2069	388	2458	11	2	1	14	1090	3010	0	4100	1382	1	663	2046	8618
Apprch %	0	84.2	15.8		78.6	14.3	7.1		26.6	73.4	0		67.5	0	32.4		
Total %	0	24	4.5	28.5	0.1	0	0	0.2	12.6	34.9	0	47.6	16	0	7.7	23.7	

	Sand Canyon Avenue Southbound				OCTA Irvine Driveway Westbound				Sand Canyon Avenue Northbound				I-5 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	257	**101**	**358**	1	**2**	0	3	141	356	0	497	**196**	0	59	255	**1113**
04:15 PM	0	**284**	38	322	**4**	0	**1**	**5**	142	**374**	0	**516**	160	0	82	242	1085
04:30 PM	**1**	251	39	291	1	0	0	1	**169**	330	0	499	153	0	**97**	250	1041
04:45 PM	0	249	37	286	0	0	0	0	149	356	0	505	196	**1**	87	**284**	1075
Total Volume	1	1041	215	1257	6	2	1	9	601	1416	0	2017	705	1	325	1031	4314
% App. Total	0.1	82.8	17.1		66.7	22.2	11.1		29.8	70.2	0		68.4	0.1	31.5		
PHF	.250	.916	.532	.878	.375	.250	.250	.450	.889	.947	.000	.977	.899	.250	.838	.908	.969

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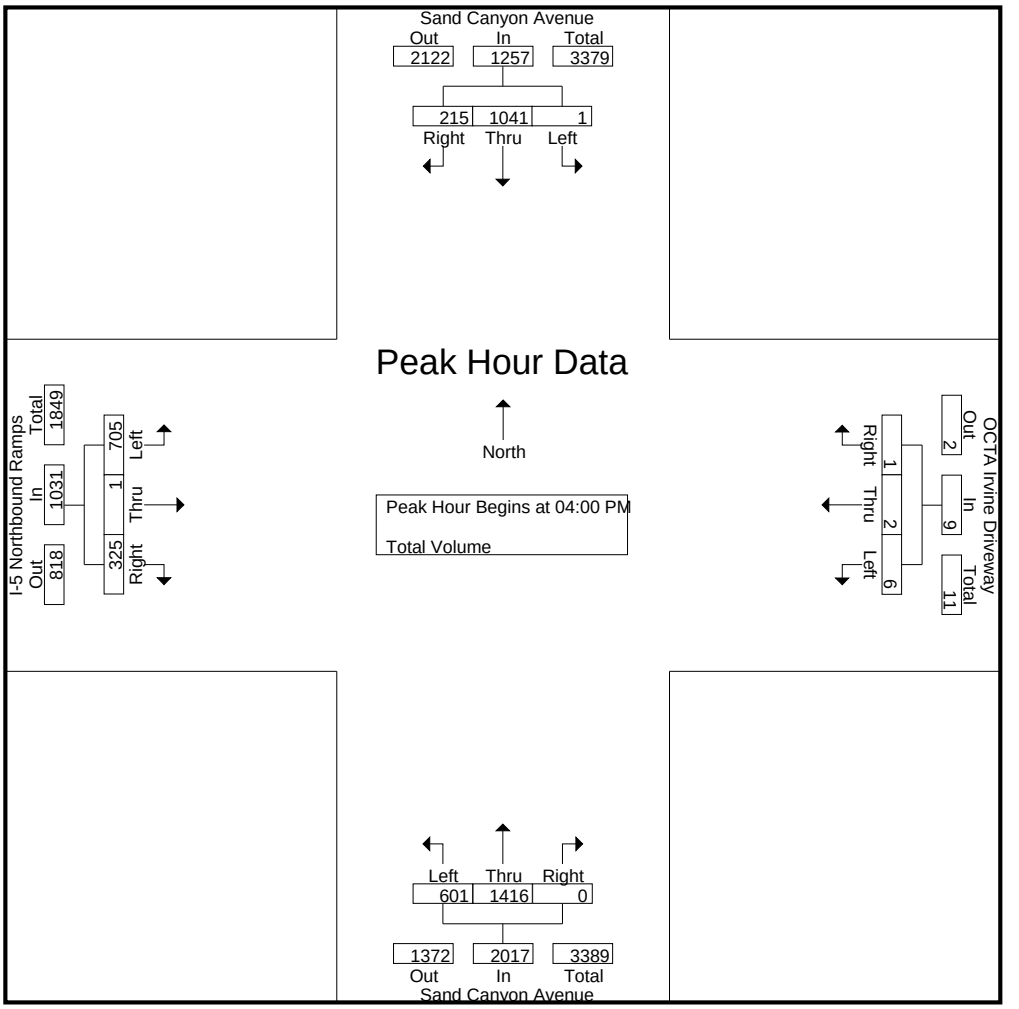
City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 303_IRV_SCyn_5N PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:45 PM				04:00 PM			
+0 mins.	0	257	**101**	**358**	1	**2**	0	3	**149**	356	0	505	**196**	0	59	255
+15 mins.	0	**284**	38	322	**4**	0	**1**	**5**	136	381	0	517	160	0	82	242
+30 mins.	**1**	251	39	291	1	0	0	1	134	405	0	539	153	0	**97**	250
+45 mins.	0	249	37	286	0	0	0	0	122	**436**	0	**558**	196	**1**	87	**284**
Total Volume	1	1041	215	1257	6	2	1	9	541	1578	0	2119	705	1	325	1031
% App. Total	0.1	82.8	17.1		66.7	22.2	11.1		25.5	74.5	0		68.4	0.1	31.5	
PHF	.250	.916	.532	.878	.375	.250	.250	.450	.908	.905	.000	.949	.899	.250	.838	.908

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Marine Way
Weather: Clear

File Name : 304_IRV_SCyn_Mar AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound			Marine Way Westbound			Sand Canyon Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	12	257	269	44	28	72	115	59	174	515
07:15 AM	21	341	362	55	29	84	140	43	183	629
07:30 AM	14	468	482	85	33	118	163	59	222	822
07:45 AM	13	473	486	91	38	129	154	42	196	811
Total	60	1539	1599	275	128	403	572	203	775	2777
08:00 AM	23	555	578	107	37	144	155	46	201	923
08:15 AM	28	558	586	120	46	166	141	44	185	937
08:30 AM	36	524	560	110	24	134	181	51	232	926
08:45 AM	27	571	598	111	35	146	155	52	207	951
Total	114	2208	2322	448	142	590	632	193	825	3737
Grand Total	174	3747	3921	723	270	993	1204	396	1600	6514
Apprch %	4.4	95.6		72.8	27.2		75.2	24.8		
Total %	2.7	57.5	60.2	11.1	4.1	15.2	18.5	6.1	24.6	

	Sand Canyon Avenue Southbound			Marine Way Westbound			Sand Canyon Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	23	555	578	107	37	144	155	46	201	923
08:15 AM	28	558	586	**120**	**46**	**166**	141	44	185	937
08:30 AM	**36**	524	560	110	24	134	**181**	51	**232**	926
08:45 AM	27	**571**	**598**	111	35	146	155	**52**	207	**951**
Total Volume	114	2208	2322	448	142	590	632	193	825	3737
% App. Total	4.9	95.1		75.9	24.1		76.6	23.4		
PHF	.792	.967	.971	.933	.772	.889	.873	.928	.889	.982

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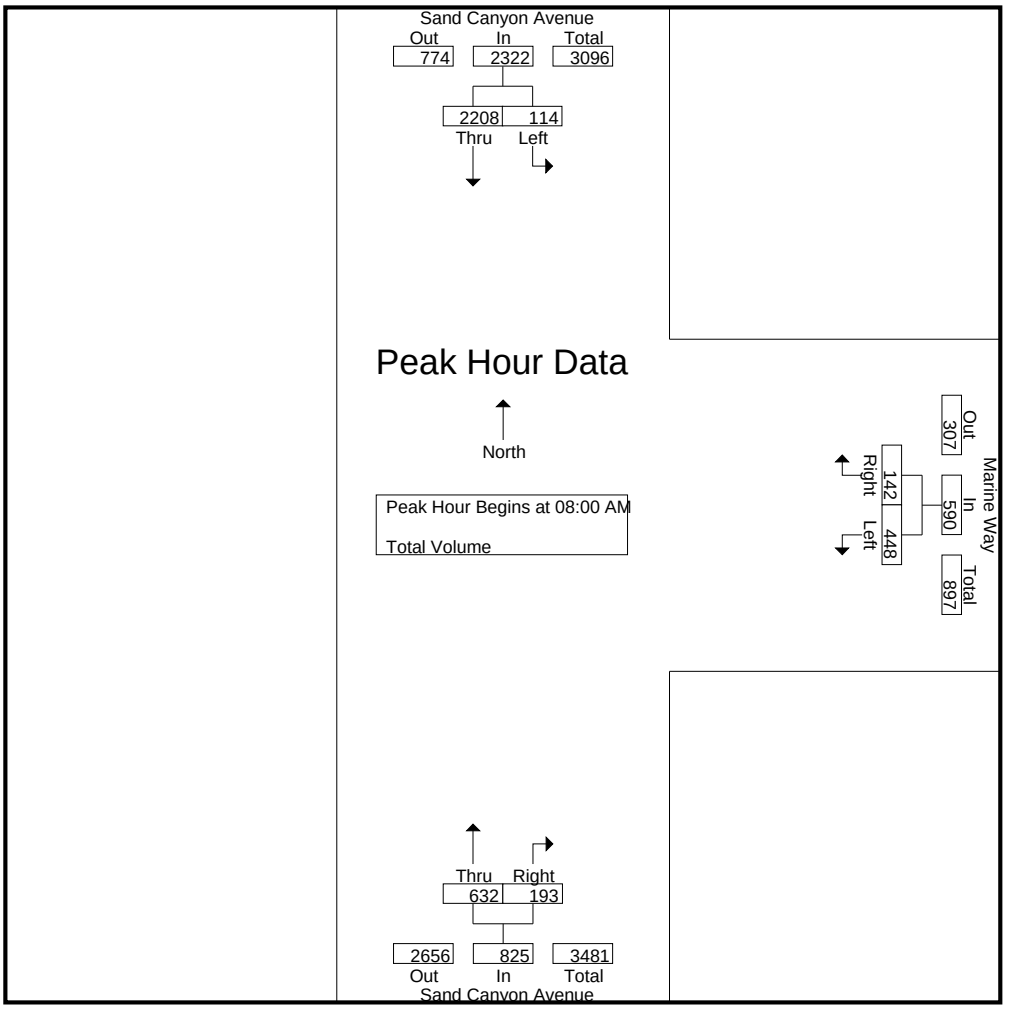
City of Irvine
N/S: Sand Canyon Avenue
E/W: Marine Way
Weather: Clear

File Name : 304_IRV_SCyn_Mar AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			08:00 AM			08:00 AM		
+0 mins.	23	555	578	107	37	144	155	46	201
+15 mins.	28	558	586	**120**	**46**	**166**	141	44	185
+30 mins.	**36**	524	560	110	24	134	**181**	51	**232**
+45 mins.	27	**571**	**598**	111	35	146	155	**52**	207
Total Volume	114	2208	2322	448	142	590	632	193	825
% App. Total	4.9	95.1		75.9	24.1		76.6	23.4	
PHF	.792	.967	.971	.933	.772	.889	.873	.928	.889

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Marine Way
Weather: Clear

File Name : 304_IRV_SCyn_Mar PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound			Marine Way Westbound			Sand Canyon Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	43	268	311	79	30	109	475	110	585	1005
04:15 PM	83	280	363	99	57	156	465	145	610	1129
04:30 PM	70	263	333	88	58	146	450	131	581	1060
04:45 PM	39	282	321	76	31	107	466	123	589	1017
Total	235	1093	1328	342	176	518	1856	509	2365	4211
05:00 PM	45	247	292	69	39	108	481	115	596	996
05:15 PM	60	254	314	92	35	127	513	128	641	1082
05:30 PM	80	269	349	87	29	116	534	151	685	1150
05:45 PM	106	275	381	79	30	109	447	173	620	1110
Total	291	1045	1336	327	133	460	1975	567	2542	4338
Grand Total	526	2138	2664	669	309	978	3831	1076	4907	8549
Apprch %	19.7	80.3		68.4	31.6		78.1	21.9		
Total %	6.2	25	31.2	7.8	3.6	11.4	44.8	12.6	57.4	

	Sand Canyon Avenue Southbound			Marine Way Westbound			Sand Canyon Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	45	247	292	69	**39**	108	481	115	596	996
05:15 PM	60	254	314	**92**	35	**127**	513	128	641	1082
05:30 PM	80	269	349	87	29	116	**534**	151	**685**	**1150**
05:45 PM	**106**	**275**	**381**	79	30	109	447	**173**	620	1110
Total Volume	291	1045	1336	327	133	460	1975	567	2542	4338
% App. Total	21.8	78.2		71.1	28.9		77.7	22.3		
PHF	.686	.950	.877	.889	.853	.906	.925	.819	.928	.943

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Marine Way
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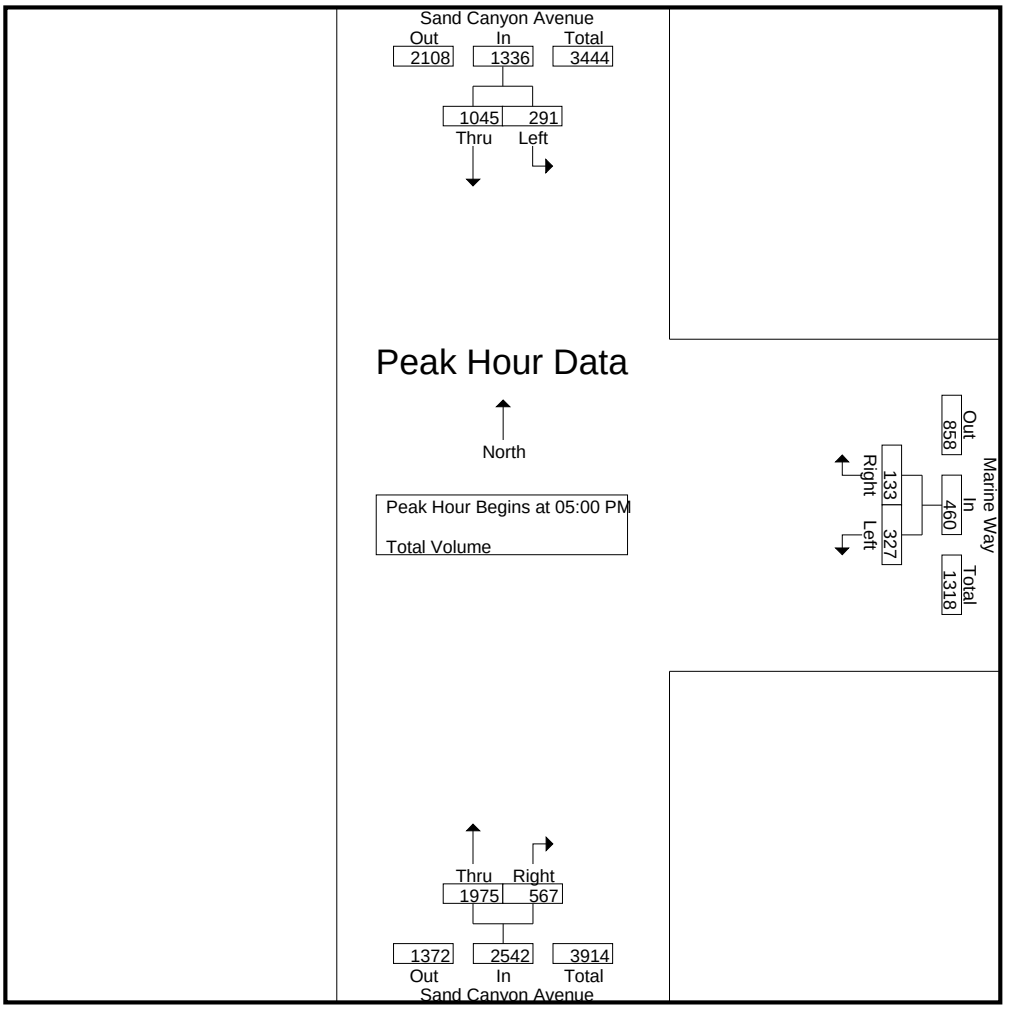
File Name : 304_IRV_SCyn_Mar PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:00 PM			05:00 PM		
+0 mins.	45	247	292	79	30	109	481	115	596
+15 mins.	60	254	314	**99**	57	**156**	513	128	641
+30 mins.	80	269	349	88	**58**	146	**534**	151	**685**
+45 mins.	**106**	**275**	**381**	76	31	107	447	**173**	620
Total Volume	291	1045	1336	342	176	518	1975	567	2542
% App. Total	21.8	78.2		66	34		77.7	22.3	
PHF	.686	.950	.877	.864	.759	.830	.925	.819	.928

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 305_IRV_SCyn_5S AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				I-5 Southbound On Ramp Westbound				Sand Canyon Avenue Northbound				I-5 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	73	224	0	297	0	0	0	0	0	78	13	91	82	0	195	277	665
07:15 AM	132	253	0	385	0	0	0	0	0	92	14	106	83	0	172	255	746
07:30 AM	166	379	0	545	0	0	0	0	0	133	11	144	84	1	175	260	949
07:45 AM	156	410	0	566	0	0	0	0	0	96	5	101	97	1	191	289	956
Total	527	1266	0	1793	0	0	0	0	0	399	43	442	346	2	733	1081	3316
08:00 AM	167	487	0	654	0	0	0	0	0	126	19	145	68	0	156	224	1023
08:15 AM	170	508	0	678	0	0	0	0	0	111	12	123	67	0	177	244	1045
08:30 AM	140	496	0	636	0	0	0	0	0	148	22	170	77	1	175	253	1059
08:45 AM	182	510	0	692	0	0	0	0	0	130	21	151	75	0	200	275	1118
Total	659	2001	0	2660	0	0	0	0	0	515	74	589	287	1	708	996	4245
Grand Total	1186	3267	0	4453	0	0	0	0	0	914	117	1031	633	3	1441	2077	7561
Apprch %	26.6	73.4	0		0	0	0		0	88.7	11.3		30.5	0.1	69.4		
Total %	15.7	43.2	0	58.9	0	0	0	0	0	12.1	1.5	13.6	8.4	0	19.1	27.5	

	Sand Canyon Avenue Southbound				I-5 Southbound On Ramp Westbound				Sand Canyon Avenue Northbound				I-5 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	167	487	0	654	0	0	0	0	0	126	19	145	68	0	156	224	1023
08:15 AM	170	508	0	678	0	0	0	0	0	111	12	123	67	0	177	244	1045
08:30 AM	140	496	0	636	0	0	0	0	0	**148**	**22**	**170**	**77**	**1**	175	253	1059
08:45 AM	**182**	**510**	0	**692**	0	0	0	0	0	130	21	151	75	0	**200**	**275**	**1118**
Total Volume	659	2001	0	2660	0	0	0	0	0	515	74	589	287	1	708	996	4245
% App. Total	24.8	75.2	0		0	0	0		0	87.4	12.6		28.8	0.1	71.1		
PHF	.905	.981	.000	.961	.000	.000	.000	.000	.000	.870	.841	.866	.932	.250	.885	.905	.949

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 305_IRV_SCyn_5S AM
Site Code : 05124139
Start Date : 2/8/2024
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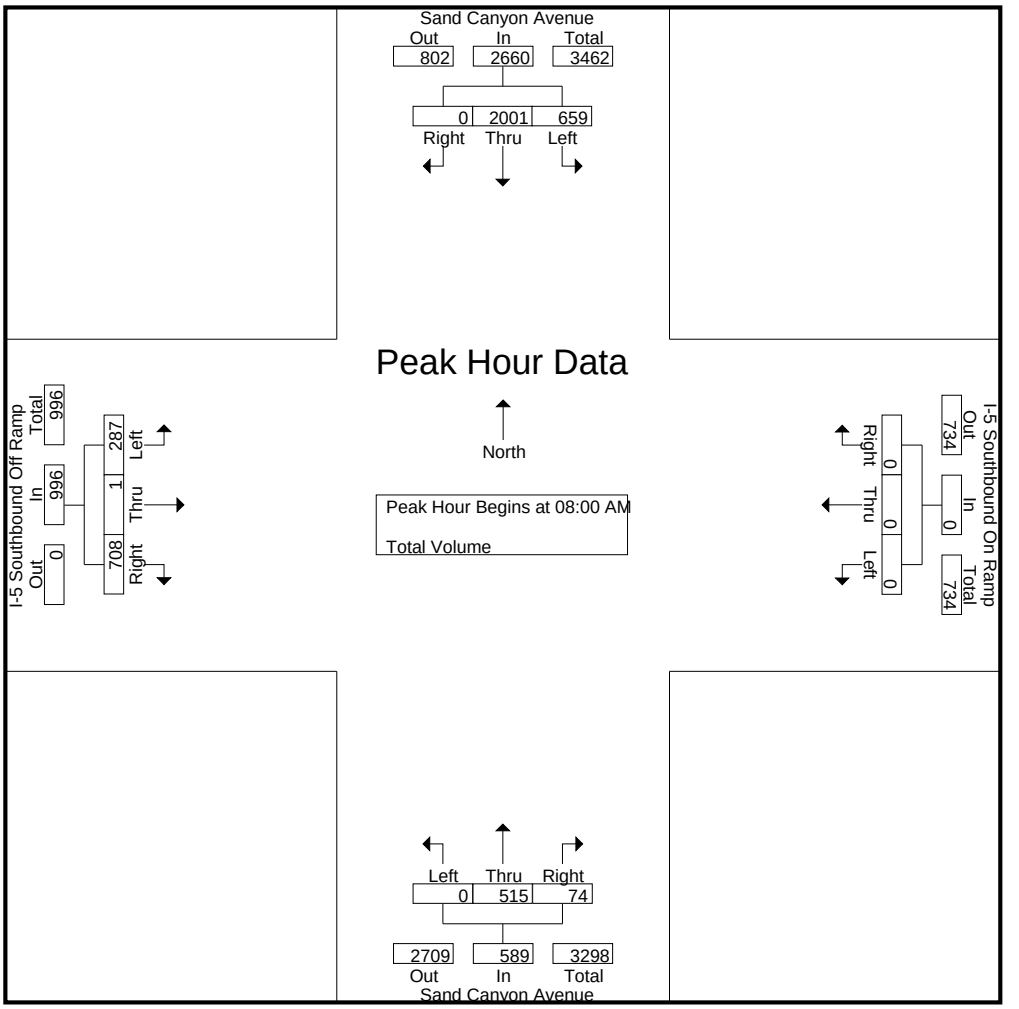

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				08:00 AM				07:00 AM			
+0 mins.	167	487	0	654	0	0	0	0	0	126	19	145	82	0	**195**	277
+15 mins.	170	508	0	678	0	0	0	0	0	111	12	123	83	0	172	255
+30 mins.	140	496	0	636	0	0	0	0	0	**148**	**22**	**170**	84	**1**	175	260
+45 mins.	**182**	**510**	0	**692**	0	0	0	0	0	130	21	151	**97**	1	191	**289**
Total Volume	659	2001	0	2660	0	0	0	0	0	515	74	589	346	2	733	1081
% App. Total	24.8	75.2	0		0	0	0		0	87.4	12.6		32	0.2	67.8	
PHF	.905	.981	.000	.961	.000	.000	.000	.000	.000	.870	.841	.866	.892	.500	.940	.935

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 305_IRV_SCyn_5S PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				I-5 Southbound On Ramp Westbound				Sand Canyon Avenue Northbound				I-5 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	130	220	0	350	0	0	0	0	0	394	105	499	179	0	61	240	1089
04:15 PM	127	244	0	371	0	0	0	0	0	397	65	462	205	0	64	269	1102
04:30 PM	108	237	0	345	0	0	0	0	0	409	62	471	166	0	71	237	1053
04:45 PM	110	249	0	359	0	0	0	0	0	402	71	473	181	0	88	269	1101
Total	475	950	0	1425	0	0	0	0	0	1602	303	1905	731	0	284	1015	4345
05:00 PM	125	197	0	322	0	0	0	0	0	409	88	497	180	0	62	242	1061
05:15 PM	129	211	0	340	0	0	0	0	0	400	55	455	235	0	53	288	1083
05:30 PM	121	243	0	364	0	0	0	0	0	418	52	470	255	0	52	307	1141
05:45 PM	105	239	0	344	0	0	0	0	0	368	40	408	249	0	65	314	1066
Total	480	890	0	1370	0	0	0	0	0	1595	235	1830	919	0	232	1151	4351
Grand Total	955	1840	0	2795	0	0	0	0	0	3197	538	3735	1650	0	516	2166	8696
Apprch %	34.2	65.8	0		0	0	0		0	85.6	14.4		76.2	0	23.8		
Total %	11	21.2	0	32.1	0	0	0	0	0	36.8	6.2	43	19	0	5.9	24.9	

	Sand Canyon Avenue Southbound				I-5 Southbound On Ramp Westbound				Sand Canyon Avenue Northbound				I-5 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	110	**249**	0	359	0	0	0	0	0	402	71	473	181	0	**88**	269	1101
05:00 PM	125	197	0	322	0	0	0	0	0	409	**88**	**497**	180	0	62	242	1061
05:15 PM	**129**	211	0	340	0	0	0	0	0	400	55	455	235	0	53	288	1083
05:30 PM	121	243	0	**364**	0	0	0	0	0	**418**	52	470	**255**	0	52	**307**	**1141**
Total Volume	485	900	0	1385	0	0	0	0	0	1629	266	1895	851	0	255	1106	4386
% App. Total	35	65	0		0	0	0		0	86	14		76.9	0	23.1		
PHF	.940	.904	.000	.951	.000	.000	.000	.000	.000	.974	.756	.953	.834	.000	.724	.901	.961

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 305_IRV_SCyn_5S PM
Site Code : 05124139
Start Date : 2/8/2024
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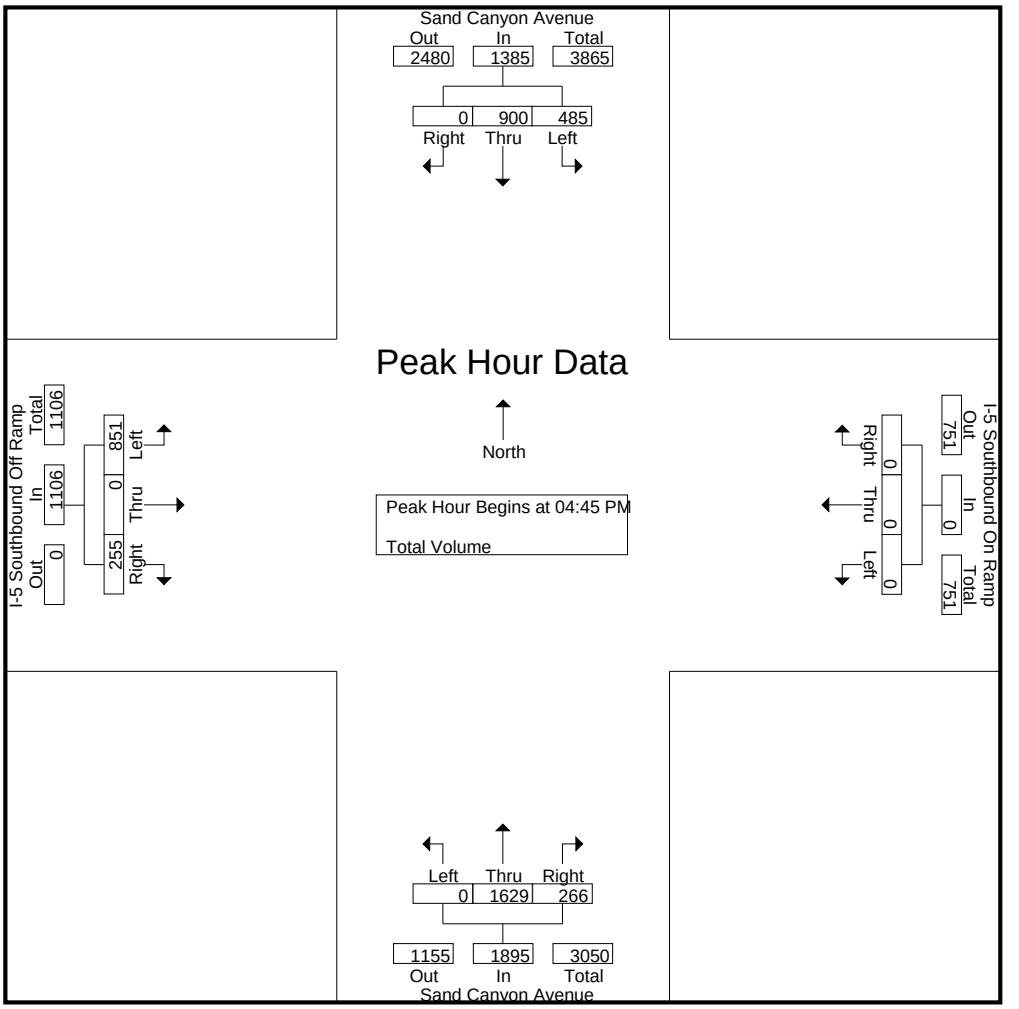

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				05:00 PM			
+0 mins.	**130**	220	0	350	0	0	0	0	0	394	**105**	**499**	180	0	62	242
+15 mins.	127	244	0	**371**	0	0	0	0	0	397	65	462	235	0	53	288
+30 mins.	108	237	0	345	0	0	0	0	0	**409**	62	471	**255**	0	52	307
+45 mins.	110	**249**	0	359	0	0	0	0	0	402	71	473	249	0	**65**	**314**
Total Volume	475	950	0	1425	0	0	0	0	0	1602	303	1905	919	0	232	1151
% App. Total	33.3	66.7	0		0	0	0		0	84.1	15.9		79.8	0	20.2	
PHF	.913	.954	.000	.960	.000	.000	.000	.000	.000	.979	.721	.954	.901	.000	.892	.916

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Oak Canyon/Laguna Canyon Road
Weather: Clear

File Name : 306_IRV_SCyn_OCyn AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Laguna Canyon Road Westbound				Sand Canyon Avenue Northbound				Oak Canyon Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	75	275	70	420	4	11	18	33	9	63	14	86	13	5	4	22	561
07:15 AM	79	276	52	407	5	13	20	38	8	69	18	95	12	5	2	19	559
07:30 AM	105	403	51	559	9	9	13	31	13	131	21	165	15	0	3	18	773
07:45 AM	113	407	68	588	4	16	24	44	10	71	20	101	13	5	1	19	752
Total	372	1361	241	1974	22	49	75	146	40	334	73	447	53	15	10	78	2645
08:00 AM	109	418	79	606	9	17	18	44	10	104	35	149	17	4	3	24	823
08:15 AM	135	451	83	669	6	18	19	43	19	101	32	152	14	6	3	23	887
08:30 AM	142	411	77	630	7	15	22	44	11	140	48	199	13	2	3	18	891
08:45 AM	182	423	76	681	12	12	26	50	11	105	41	157	15	7	4	26	914
Total	568	1703	315	2586	34	62	85	181	51	450	156	657	59	19	13	91	3515
Grand Total	940	3064	556	4560	56	111	160	327	91	784	229	1104	112	34	23	169	6160
Apprch %	20.6	67.2	12.2		17.1	33.9	48.9		8.2	71	20.7		66.3	20.1	13.6		
Total %	15.3	49.7	9	74	0.9	1.8	2.6	5.3	1.5	12.7	3.7	17.9	1.8	0.6	0.4	2.7	

	Sand Canyon Avenue Southbound				Laguna Canyon Road Westbound				Sand Canyon Avenue Northbound				Oak Canyon Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	109	418	79	606	9	17	18	44	10	104	35	149	**17**	4	3	24	823
08:15 AM	135	**451**	**83**	669	6	**18**	19	43	**19**	101	32	152	14	6	3	23	887
08:30 AM	142	411	77	630	7	15	22	44	11	**140**	**48**	**199**	13	2	3	18	891
08:45 AM	**182**	423	76	**681**	**12**	12	**26**	**50**	11	105	41	157	15	**7**	**4**	**26**	**914**
Total Volume	568	1703	315	2586	34	62	85	181	51	450	156	657	59	19	13	91	3515
% App. Total	22	65.9	12.2		18.8	34.3	47		7.8	68.5	23.7		64.8	20.9	14.3		
PHF	.780	.944	.949	.949	.708	.861	.817	.905	.671	.804	.813	.825	.868	.679	.813	.875	.961

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Oak Canyon/Laguna Canyon Road
Weather: Clear

File Name : 306_IRV_SCyn_OCyn AM
Site Code : 05124139
Start Date : 2/8/2024
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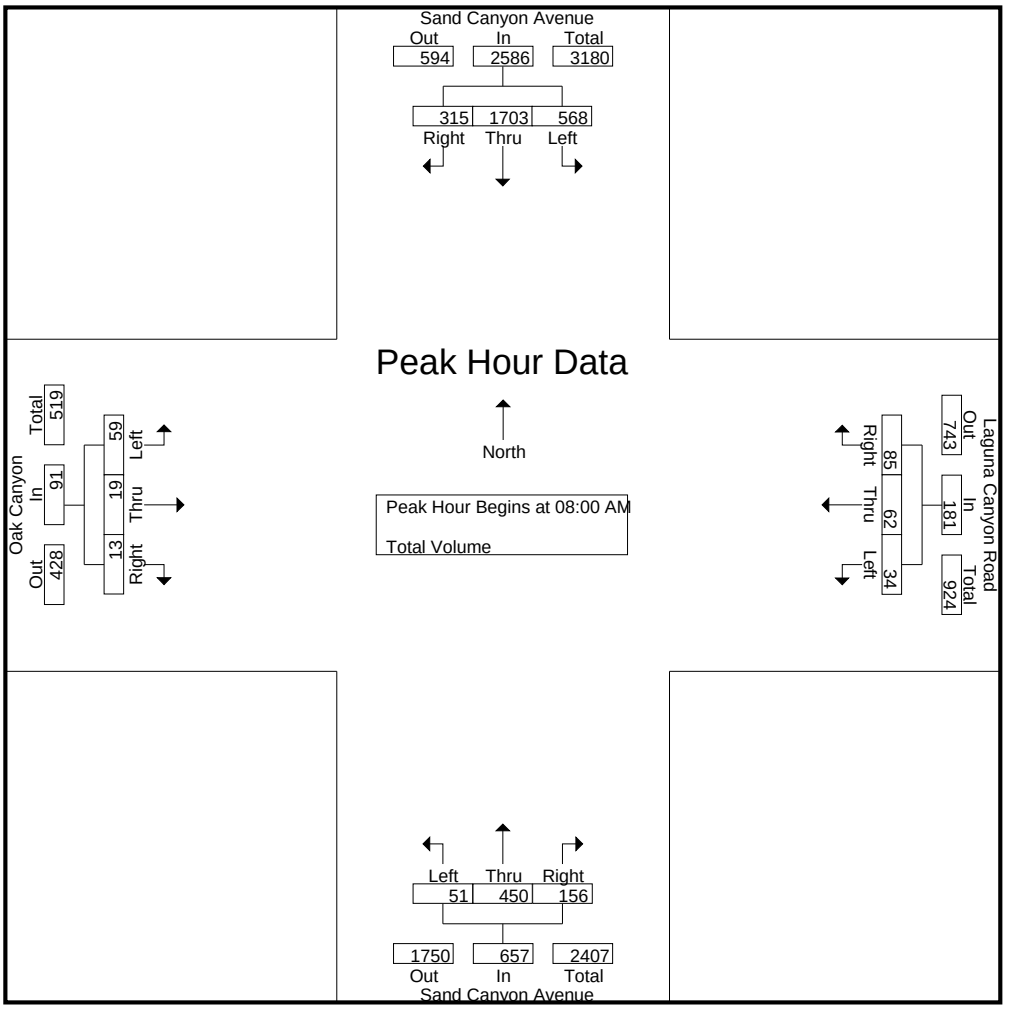

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	109	418	79	606	9	17	18	44	10	104	35	149	**17**	4	3	24
+15 mins.	135	**451**	**83**	669	6	**18**	19	43	**19**	101	32	152	14	6	3	23
+30 mins.	142	411	77	630	7	15	22	44	11	**140**	**48**	**199**	13	2	3	18
+45 mins.	**182**	423	76	**681**	**12**	12	**26**	**50**	11	105	41	157	15	**7**	**4**	**26**
Total Volume	568	1703	315	2586	34	62	85	181	51	450	156	657	59	19	13	91
% App. Total	22	65.9	12.2		18.8	34.3	47		7.8	68.5	23.7		64.8	20.9	14.3	
PHF	.780	.944	.949	.949	.708	.861	.817	.905	.671	.804	.813	.825	.868	.679	.813	.875

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Oak Canyon/Laguna Canyon Road
Weather: Clear

File Name : 306_IRV_SCyn_OCyn PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Laguna Canyon Road Westbound				Sand Canyon Avenue Northbound				Oak Canyon Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	45	217	18	280	30	7	145	182	10	266	12	288	83	19	18	120	870
04:15 PM	44	227	25	296	22	14	116	152	10	251	13	274	59	9	14	82	804
04:30 PM	38	226	20	284	30	9	134	173	5	249	8	262	54	16	15	85	804
04:45 PM	41	257	16	314	33	6	138	177	9	264	6	279	52	23	17	92	862
Total	168	927	79	1174	115	36	533	684	34	1030	39	1103	248	67	64	379	3340
05:00 PM	34	202	15	251	57	12	158	227	15	289	9	313	64	23	19	106	897
05:15 PM	38	204	15	257	34	8	132	174	11	240	13	264	55	17	20	92	787
05:30 PM	42	219	16	277	40	8	109	157	9	246	10	265	53	14	3	70	769
05:45 PM	49	214	20	283	29	8	115	152	3	235	12	250	32	10	6	48	733
Total	163	839	66	1068	160	36	514	710	38	1010	44	1092	204	64	48	316	3186
Grand Total	331	1766	145	2242	275	72	1047	1394	72	2040	83	2195	452	131	112	695	6526
Apprch %	14.8	78.8	6.5		19.7	5.2	75.1		3.3	92.9	3.8		65	18.8	16.1		
Total %	5.1	27.1	2.2	34.4	4.2	1.1	16	21.4	1.1	31.3	1.3	33.6	6.9	2	1.7	10.6	

	Sand Canyon Avenue Southbound				Laguna Canyon Road Westbound				Sand Canyon Avenue Northbound				Oak Canyon Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	**44**	227	**25**	296	22	**14**	116	152	10	251	**13**	274	59	9	14	82	804
04:30 PM	38	226	20	284	30	9	134	173	5	249	8	262	54	16	15	85	804
04:45 PM	41	**257**	16	**314**	33	6	138	177	9	264	6	279	52	**23**	17	92	862
05:00 PM	34	202	15	251	**57**	12	**158**	**227**	**15**	**289**	9	**313**	**64**	23	**19**	**106**	**897**
Total Volume	157	912	76	1145	142	41	546	729	39	1053	36	1128	229	71	65	365	3367
% App. Total	13.7	79.7	6.6		19.5	5.6	74.9		3.5	93.4	3.2		62.7	19.5	17.8		
PHF	.892	.887	.760	.912	.623	.732	.864	.803	.650	.911	.692	.901	.895	.772	.855	.861	.938

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Oak Canyon/Laguna Canyon Road
Weather: Clear

File Name : 306_IRV_SCyn_OCyn PM
Site Code : 05124139
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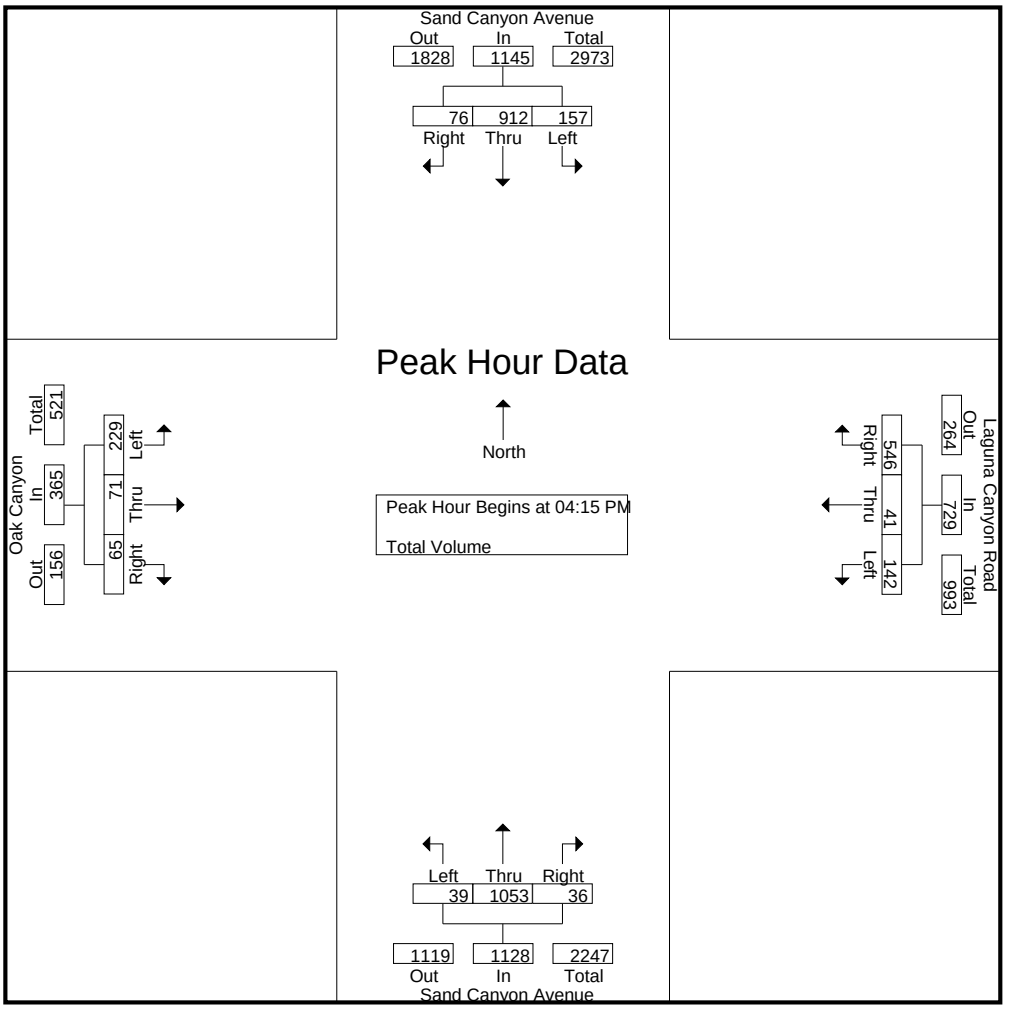

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:15 PM				04:00 PM			
+0 mins.	**45**	217	18	280	30	9	134	173	10	251	**13**	274	**83**	19	**18**	**120**
+15 mins.	44	227	**25**	296	33	6	138	177	5	249	8	262	59	9	14	82
+30 mins.	38	226	20	284	**57**	**12**	**158**	**227**	9	264	6	279	54	16	15	85
+45 mins.	41	**257**	16	**314**	34	8	132	174	**15**	**289**	9	**313**	52	**23**	17	92
Total Volume	168	927	79	1174	154	35	562	751	39	1053	36	1128	248	67	64	379
% App. Total	14.3	79	6.7		20.5	4.7	74.8		3.5	93.4	3.2		65.4	17.7	16.9	
PHF	.933	.902	.790	.935	.675	.729	.889	.827	.650	.911	.692	.901	.747	.728	.889	.790

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 307_IRV_SCyn_ICD AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Irvine Center Drive Westbound				Sand Canyon Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	47	177	24	248	1	34	12	47	24	62	13	99	18	45	16	79	473
07:15 AM	36	216	21	273	3	43	14	60	23	77	14	114	20	59	17	96	543
07:30 AM	66	289	34	389	7	46	13	66	37	163	19	219	23	82	14	119	793
07:45 AM	50	282	45	377	12	69	9	90	39	93	28	160	26	121	20	167	794
Total	199	964	124	1287	23	192	48	263	123	395	74	592	87	307	67	461	2603
08:00 AM	34	304	42	380	11	75	17	103	22	123	25	170	32	82	16	130	783
08:15 AM	49	331	58	438	11	65	18	94	33	125	15	173	35	106	23	164	869
08:30 AM	58	309	42	409	12	61	21	94	62	178	29	269	39	105	21	165	937
08:45 AM	54	295	71	420	7	86	14	107	43	120	17	180	35	105	14	154	861
Total	195	1239	213	1647	41	287	70	398	160	546	86	792	141	398	74	613	3450
Grand Total	394	2203	337	2934	64	479	118	661	283	941	160	1384	228	705	141	1074	6053
Apprch %	13.4	75.1	11.5		9.7	72.5	17.9		20.4	68	11.6		21.2	65.6	13.1		
Total %	6.5	36.4	5.6	48.5	1.1	7.9	1.9	10.9	4.7	15.5	2.6	22.9	3.8	11.6	2.3	17.7	

	Sand Canyon Avenue Southbound				Irvine Center Drive Westbound				Sand Canyon Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	34	304	42	380	11	75	17	103	22	123	25	170	32	82	16	130	783
08:15 AM	49	**331**	58	**438**	11	65	18	94	33	125	15	173	35	**106**	**23**	164	869
08:30 AM	**58**	309	42	409	**12**	61	**21**	94	**62**	**178**	**29**	**269**	**39**	105	21	**165**	**937**
08:45 AM	54	295	**71**	420	7	**86**	14	**107**	43	120	17	180	35	105	14	154	861
Total Volume	195	1239	213	1647	41	287	70	398	160	546	86	792	141	398	74	613	3450
% App. Total	11.8	75.2	12.9		10.3	72.1	17.6		20.2	68.9	10.9		23	64.9	12.1		
PHF	.841	.936	.750	.940	.854	.834	.833	.930	.645	.767	.741	.736	.904	.939	.804	.929	.920

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 307_IRV_SCyn_ICD AM
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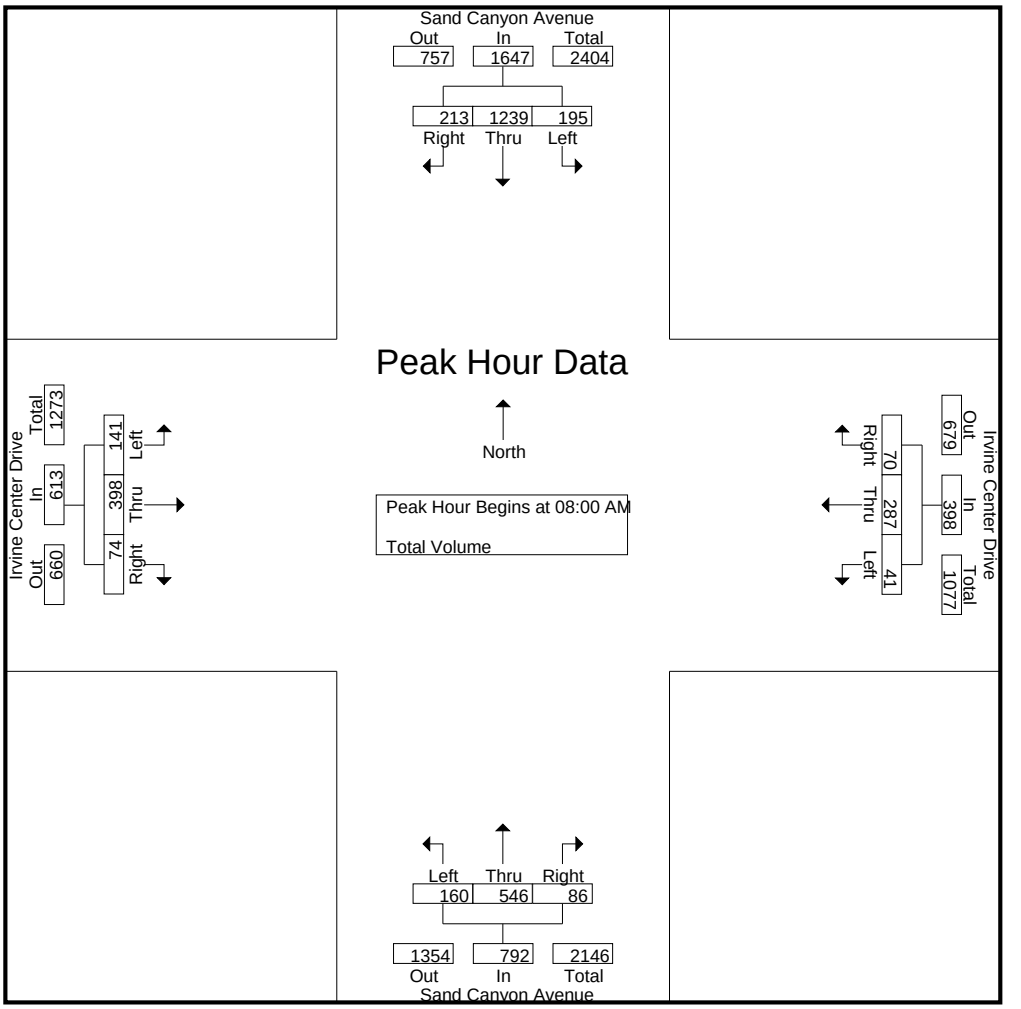

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	34	304	42	380	11	75	17	103	22	123	25	170	26	**121**	20	**167**
+15 mins.	49	**331**	58	**438**	11	65	18	94	33	125	15	173	32	82	16	130
+30 mins.	**58**	309	42	409	**12**	61	**21**	94	**62**	**178**	**29**	**269**	35	106	**23**	164
+45 mins.	54	295	**71**	420	7	**86**	14	**107**	43	120	17	180	**39**	105	21	165
Total Volume	195	1239	213	1647	41	287	70	398	160	546	86	792	132	414	80	626
% App. Total	11.8	75.2	12.9		10.3	72.1	17.6		20.2	68.9	10.9		21.1	66.1	12.8	
PHF	.841	.936	.750	.940	.854	.834	.833	.930	.645	.767	.741	.736	.846	.855	.870	.937

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Irvine Center Drive
Weather: Clear

File Name : 307_IRV_SCyn_ICD PM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Irvine Center Drive Westbound				Sand Canyon Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	193	54	291	17	159	41	217	33	174	13	220	43	76	16	135	863
04:15 PM	25	197	56	278	23	190	36	249	45	191	10	246	41	66	31	138	911
04:30 PM	37	205	67	309	19	208	28	255	44	187	16	247	42	94	18	154	965
04:45 PM	41	208	83	332	27	195	38	260	55	198	12	265	33	81	19	133	990
Total	147	803	260	1210	86	752	143	981	177	750	51	978	159	317	84	560	3729
05:00 PM	45	198	76	319	26	254	49	329	66	197	14	277	44	78	21	143	1068
05:15 PM	33	172	71	276	15	272	38	325	50	171	10	231	39	95	24	158	990
05:30 PM	40	190	66	296	17	196	36	249	47	175	8	230	54	109	13	176	951
05:45 PM	36	174	51	261	22	140	36	198	39	167	5	211	56	81	19	156	826
Total	154	734	264	1152	80	862	159	1101	202	710	37	949	193	363	77	633	3835
Grand Total	301	1537	524	2362	166	1614	302	2082	379	1460	88	1927	352	680	161	1193	7564
Apprch %	12.7	65.1	22.2		8	77.5	14.5		19.7	75.8	4.6		29.5	57	13.5		
Total %	4	20.3	6.9	31.2	2.2	21.3	4	27.5	5	19.3	1.2	25.5	4.7	9	2.1	15.8	

	Sand Canyon Avenue Southbound				Irvine Center Drive Westbound				Sand Canyon Avenue Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	37	205	67	309	19	208	28	255	44	187	**16**	247	42	94	18	154	965
04:45 PM	41	**208**	**83**	**332**	**27**	195	38	260	55	**198**	12	265	33	81	19	133	990
05:00 PM	**45**	198	76	319	26	254	**49**	**329**	**66**	197	14	**277**	**44**	78	21	143	**1068**
05:15 PM	33	172	71	276	15	**272**	38	325	50	171	10	231	39	**95**	**24**	**158**	990
Total Volume	156	783	297	1236	87	929	153	1169	215	753	52	1020	158	348	82	588	4013
% App. Total	12.6	63.3	24		7.4	79.5	13.1		21.1	73.8	5.1		26.9	59.2	13.9		
PHF	.867	.941	.895	.931	.806	.854	.781	.888	.814	.951	.813	.921	.898	.916	.854	.930	.939

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City of Irvine
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File Name : 307_IRV_SCyn_ICD PM
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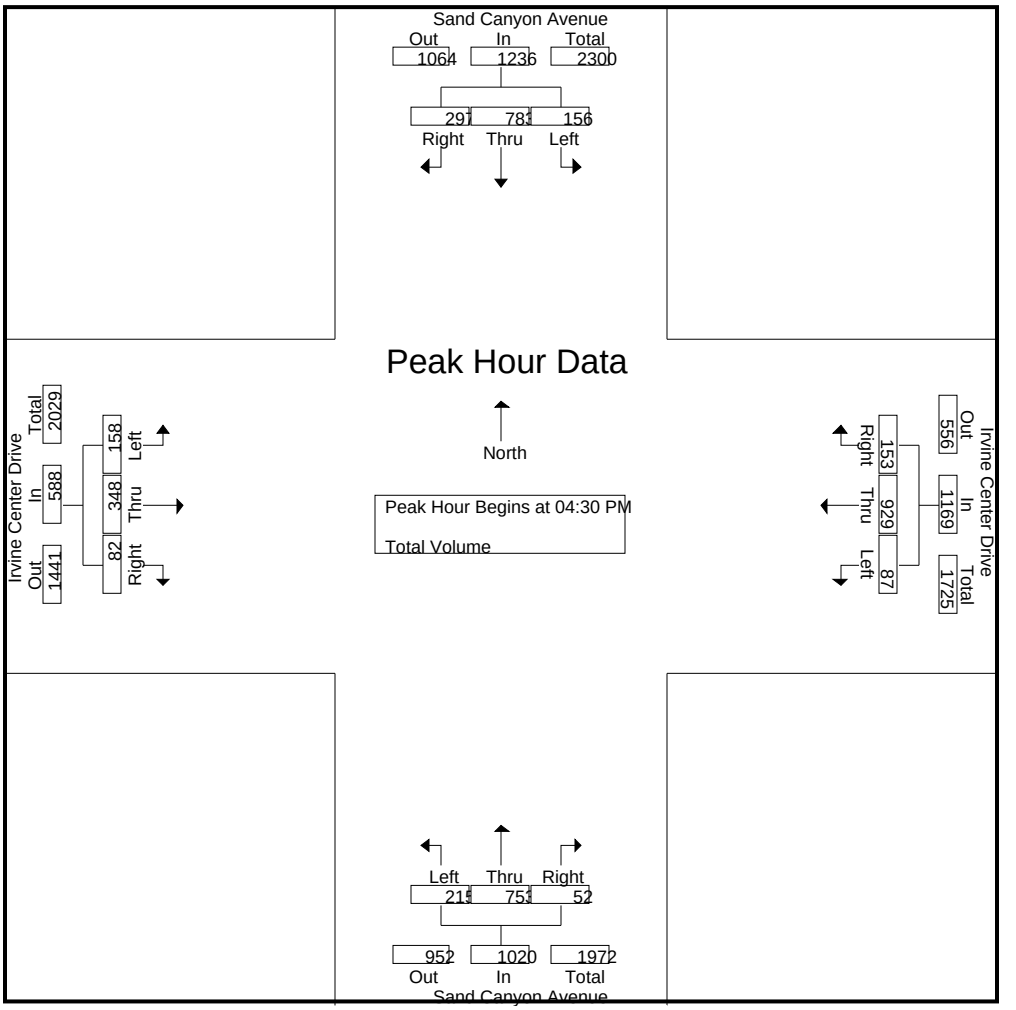

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:30 PM				04:15 PM				05:00 PM			
+0 mins.	25	197	56	278	19	208	28	255	45	191	10	246	44	78	21	143
+15 mins.	37	205	67	309	**27**	195	38	260	44	187	**16**	247	39	95	**24**	158
+30 mins.	41	**208**	**83**	**332**	26	254	**49**	**329**	55	**198**	12	265	54	**109**	13	**176**
+45 mins.	**45**	198	76	319	15	**272**	38	325	**66**	197	14	**277**	**56**	81	19	156
Total Volume	148	808	282	1238	87	929	153	1169	210	773	52	1035	193	363	77	633
% App. Total	12	65.3	22.8		7.4	79.5	13.1		20.3	74.7	5		30.5	57.3	12.2	
PHF	.822	.971	.849	.932	.806	.854	.781	.888	.795	.976	.813	.934	.862	.833	.802	.899

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Barranca Parkway
Weather: Clear

File Name : 309_IRV_SCyn_Barr AM
Site Code : 05124139
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Barranca Parkway Westbound				Sand Canyon Avenue Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	178	13	192	9	18	4	31	4	149	24	177	7	20	7	34	434
07:15 AM	2	224	12	238	9	34	4	47	6	149	29	184	7	37	17	61	530
07:30 AM	2	274	29	305	17	62	15	94	16	246	22	284	13	36	10	59	742
07:45 AM	1	263	26	290	17	96	11	124	12	189	29	230	16	69	20	105	749
Total	6	939	80	1025	52	210	34	296	38	733	104	875	43	162	54	259	2455
08:00 AM	2	283	39	324	32	69	11	112	22	198	13	233	16	61	18	95	764
08:15 AM	10	285	56	351	17	111	12	140	19	196	36	251	24	68	22	114	856
08:30 AM	13	244	55	312	25	109	19	153	13	259	25	297	44	86	29	159	921
08:45 AM	11	250	48	309	22	110	13	145	25	219	37	281	16	66	15	97	832
Total	36	1062	198	1296	96	399	55	550	79	872	111	1062	100	281	84	465	3373
Grand Total	42	2001	278	2321	148	609	89	846	117	1605	215	1937	143	443	138	724	5828
Apprch %	1.8	86.2	12		17.5	72	10.5		6	82.9	11.1		19.8	61.2	19.1		
Total %	0.7	34.3	4.8	39.8	2.5	10.4	1.5	14.5	2	27.5	3.7	33.2	2.5	7.6	2.4	12.4	

	Sand Canyon Avenue Southbound				Barranca Parkway Westbound				Sand Canyon Avenue Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	283	39	324	**32**	69	11	112	22	198	13	233	16	61	18	95	764
08:15 AM	10	**285**	**56**	**351**	17	**111**	12	140	19	196	36	251	24	68	22	114	856
08:30 AM	**13**	244	55	312	25	109	**19**	**153**	13	**259**	25	**297**	**44**	**86**	**29**	**159**	**921**
08:45 AM	11	250	48	309	22	110	13	145	**25**	219	**37**	281	16	66	15	97	832
Total Volume	36	1062	198	1296	96	399	55	550	79	872	111	1062	100	281	84	465	3373
% App. Total	2.8	81.9	15.3		17.5	72.5	10		7.4	82.1	10.5		21.5	60.4	18.1		
PHF	.692	.932	.884	.923	.750	.899	.724	.899	.790	.842	.750	.894	.568	.817	.724	.731	.916

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Weather: Clear

File Name : 309_IRV_SCyn_Barr AM
Site Code : 05124139
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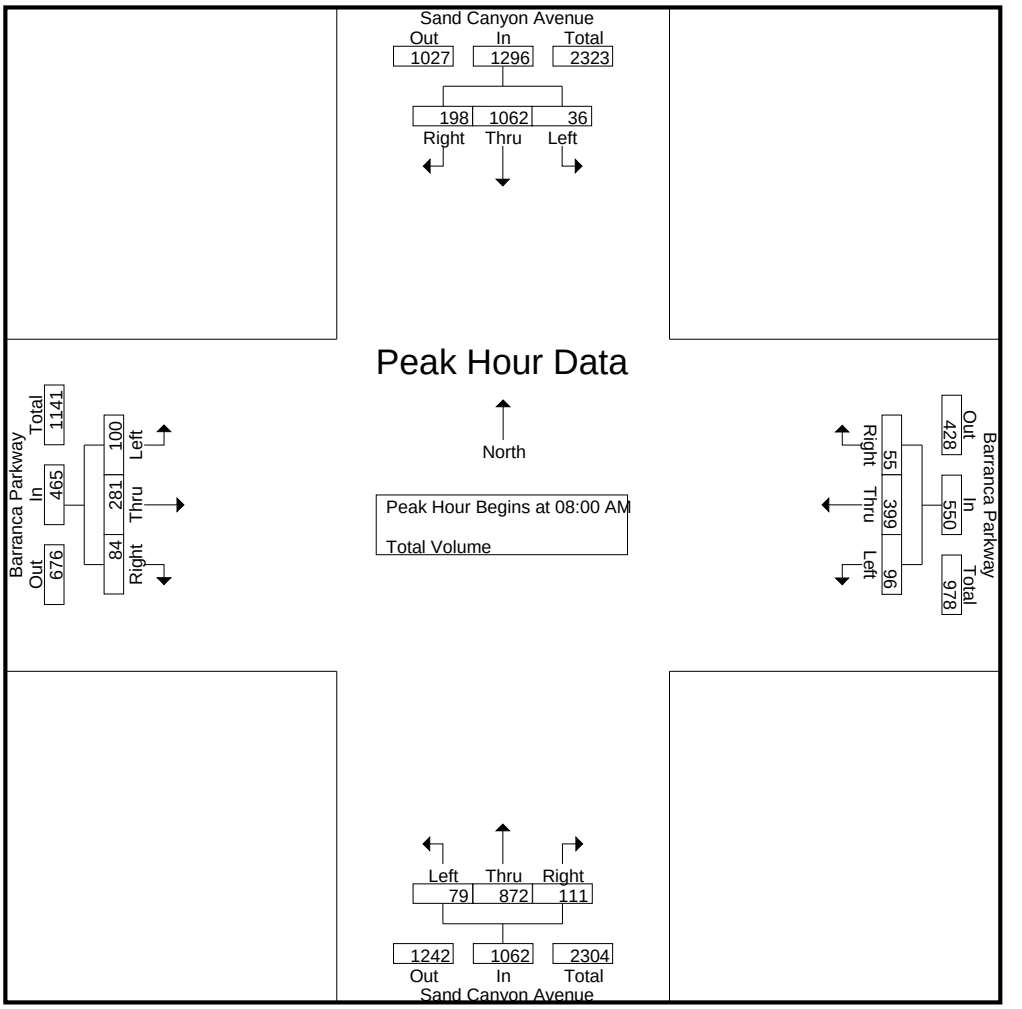

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	2	283	39	324	**32**	69	11	112	22	198	13	233	16	69	20	105
+15 mins.	10	**285**	**56**	**351**	17	**111**	12	140	19	196	36	251	16	61	18	95
+30 mins.	**13**	244	55	312	25	109	**19**	**153**	13	**259**	25	**297**	24	68	22	114
+45 mins.	11	250	48	309	22	110	13	145	**25**	219	**37**	281	**44**	**86**	**29**	**159**
Total Volume	36	1062	198	1296	96	399	55	550	79	872	111	1062	100	284	89	473
% App. Total	2.8	81.9	15.3		17.5	72.5	10		7.4	82.1	10.5		21.1	60	18.8	
PHF	.692	.932	.884	.923	.750	.899	.724	.899	.790	.842	.750	.894	.568	.826	.767	.744

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City of Irvine
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Barranca Parkway Westbound				Sand Canyon Avenue Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	13	219	47	279	24	63	2	89	16	174	21	211	37	52	16	105	684
04:15 PM	5	220	50	275	27	90	11	128	22	192	26	240	20	55	27	102	745
04:30 PM	7	234	58	299	29	102	7	138	23	198	20	241	30	54	20	104	782
04:45 PM	5	226	59	290	23	121	2	146	30	214	26	270	30	51	24	105	811
Total	30	899	214	1143	103	376	22	501	91	778	93	962	117	212	87	416	3022
05:00 PM	5	245	74	324	18	107	11	136	46	210	29	285	19	102	24	145	890
05:15 PM	11	206	44	261	32	134	8	174	43	174	34	251	22	65	25	112	798
05:30 PM	5	198	58	261	37	129	7	173	34	186	26	246	28	75	30	133	813
05:45 PM	5	195	53	253	34	109	6	149	22	182	20	224	38	67	24	129	755
Total	26	844	229	1099	121	479	32	632	145	752	109	1006	107	309	103	519	3256
Grand Total	56	1743	443	2242	224	855	54	1133	236	1530	202	1968	224	521	190	935	6278
Apprch %	2.5	77.7	19.8		19.8	75.5	4.8		12	77.7	10.3		24	55.7	20.3		
Total %	0.9	27.8	7.1	35.7	3.6	13.6	0.9	18	3.8	24.4	3.2	31.3	3.6	8.3	3	14.9	

	Sand Canyon Avenue Southbound				Barranca Parkway Westbound				Sand Canyon Avenue Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	5	226	59	290	23	121	2	146	30	**214**	26	270	**30**	51	24	105	811
05:00 PM	5	**245**	**74**	**324**	18	107	**11**	136	**46**	210	29	**285**	19	**102**	24	**145**	**890**
05:15 PM	**11**	206	44	261	32	**134**	8	**174**	43	174	**34**	251	22	65	25	112	798
05:30 PM	5	198	58	261	**37**	129	7	173	34	186	26	246	28	75	**30**	133	813
Total Volume	26	875	235	1136	110	491	28	629	153	784	115	1052	99	293	103	495	3312
% App. Total	2.3	77	20.7		17.5	78.1	4.5		14.5	74.5	10.9		20	59.2	20.8		
PHF	.591	.893	.794	.877	.743	.916	.636	.904	.832	.916	.846	.923	.825	.718	.858	.853	.930

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City of Irvine
N/S: Sand Canyon Avenue
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File Name : 309_IRV_SCyn_Barr PM
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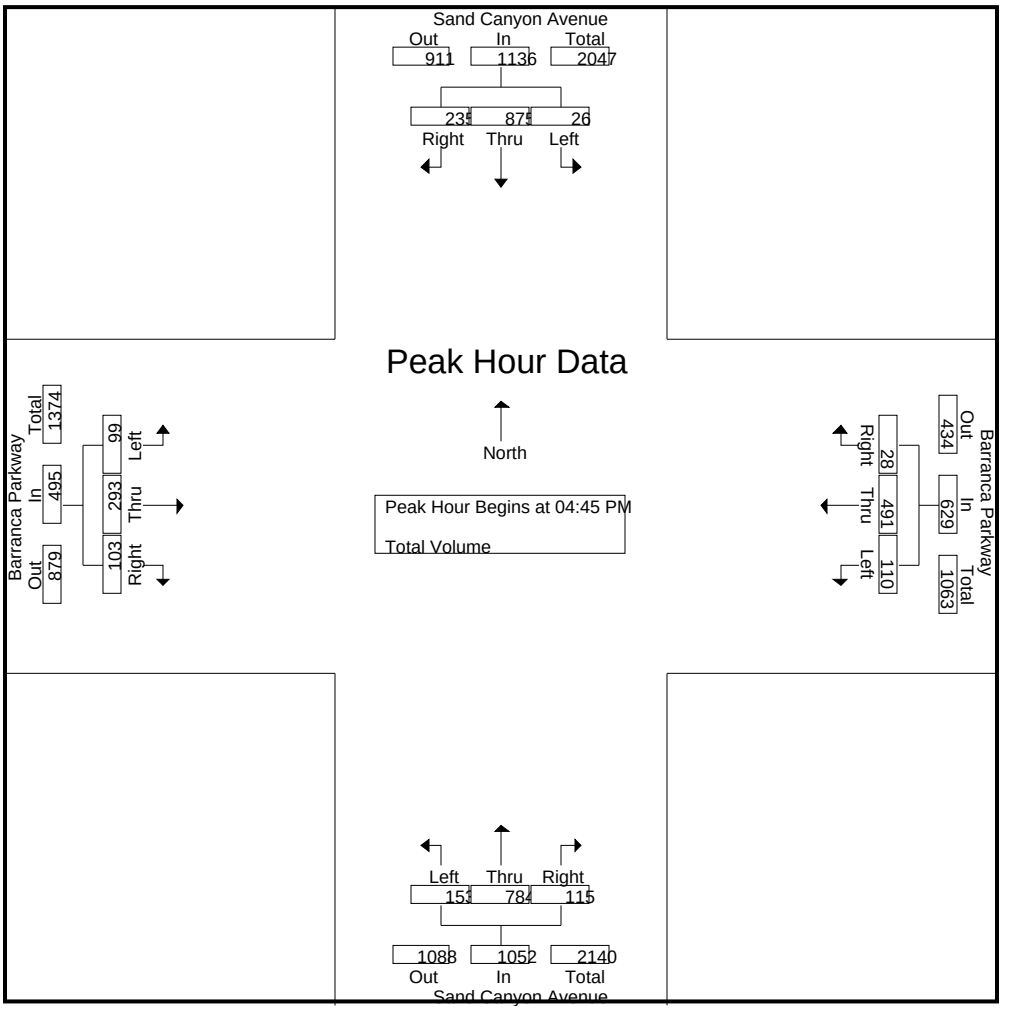

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	5	220	50	275	18	107	**11**	136	30	**214**	26	270	19	**102**	24	**145**
+15 mins.	**7**	234	58	299	32	**134**	8	**174**	**46**	210	29	**285**	22	65	25	112
+30 mins.	5	226	59	290	**37**	129	7	173	43	174	**34**	251	28	75	**30**	133
+45 mins.	5	**245**	**74**	**324**	34	109	6	149	34	186	26	246	**38**	67	24	129
Total Volume	22	925	241	1188	121	479	32	632	153	784	115	1052	107	309	103	519
% App. Total	1.9	77.9	20.3		19.1	75.8	5.1		14.5	74.5	10.9		20.6	59.5	19.8	
PHF	.786	.944	.814	.917	.818	.894	.727	.908	.832	.916	.846	.923	.704	.757	.858	.895

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City of Irvine
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Alton Parkway Westbound				Sand Canyon Avenue Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	119	16	160	16	26	9	51	33	172	109	314	15	32	31	78	603
07:15 AM	41	164	15	220	21	42	14	77	43	190	123	356	12	46	41	99	752
07:30 AM	49	248	17	314	43	65	19	127	38	226	115	379	25	46	55	126	946
07:45 AM	36	180	16	232	52	120	17	189	62	232	135	429	22	67	62	151	1001
Total	151	711	64	926	132	253	59	444	176	820	482	1478	74	191	189	454	3302
08:00 AM	28	244	26	298	39	141	18	198	63	216	98	377	16	100	61	177	1050
08:15 AM	23	209	28	260	43	113	19	175	42	247	118	407	23	113	77	213	1055
08:30 AM	38	247	23	308	73	120	30	223	51	244	118	413	27	83	63	173	1117
08:45 AM	32	186	31	249	73	132	27	232	70	230	153	453	33	99	38	170	1104
Total	121	886	108	1115	228	506	94	828	226	937	487	1650	99	395	239	733	4326
Grand Total	272	1597	172	2041	360	759	153	1272	402	1757	969	3128	173	586	428	1187	7628
Apprch %	13.3	78.2	8.4		28.3	59.7	12		12.9	56.2	31		14.6	49.4	36.1		
Total %	3.6	20.9	2.3	26.8	4.7	10	2	16.7	5.3	23	12.7	41	2.3	7.7	5.6	15.6	

	Sand Canyon Avenue Southbound				Alton Parkway Westbound				Sand Canyon Avenue Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	28	244	26	298	39	**141**	18	198	63	216	98	377	16	100	61	177	1050
08:15 AM	23	209	28	260	43	113	19	175	42	**247**	118	407	23	**113**	**77**	**213**	1055
08:30 AM	**38**	**247**	23	**308**	**73**	120	**30**	223	51	244	118	413	27	83	63	173	**1117**
08:45 AM	32	186	**31**	249	73	132	27	**232**	**70**	230	**153**	**453**	**33**	99	38	170	1104
Total Volume	121	886	108	1115	228	506	94	828	226	937	487	1650	99	395	239	733	4326
% App. Total	10.9	79.5	9.7		27.5	61.1	11.4		13.7	56.8	29.5		13.5	53.9	32.6		
PHF	.796	.897	.871	.905	.781	.897	.783	.892	.807	.948	.796	.911	.750	.874	.776	.860	.968

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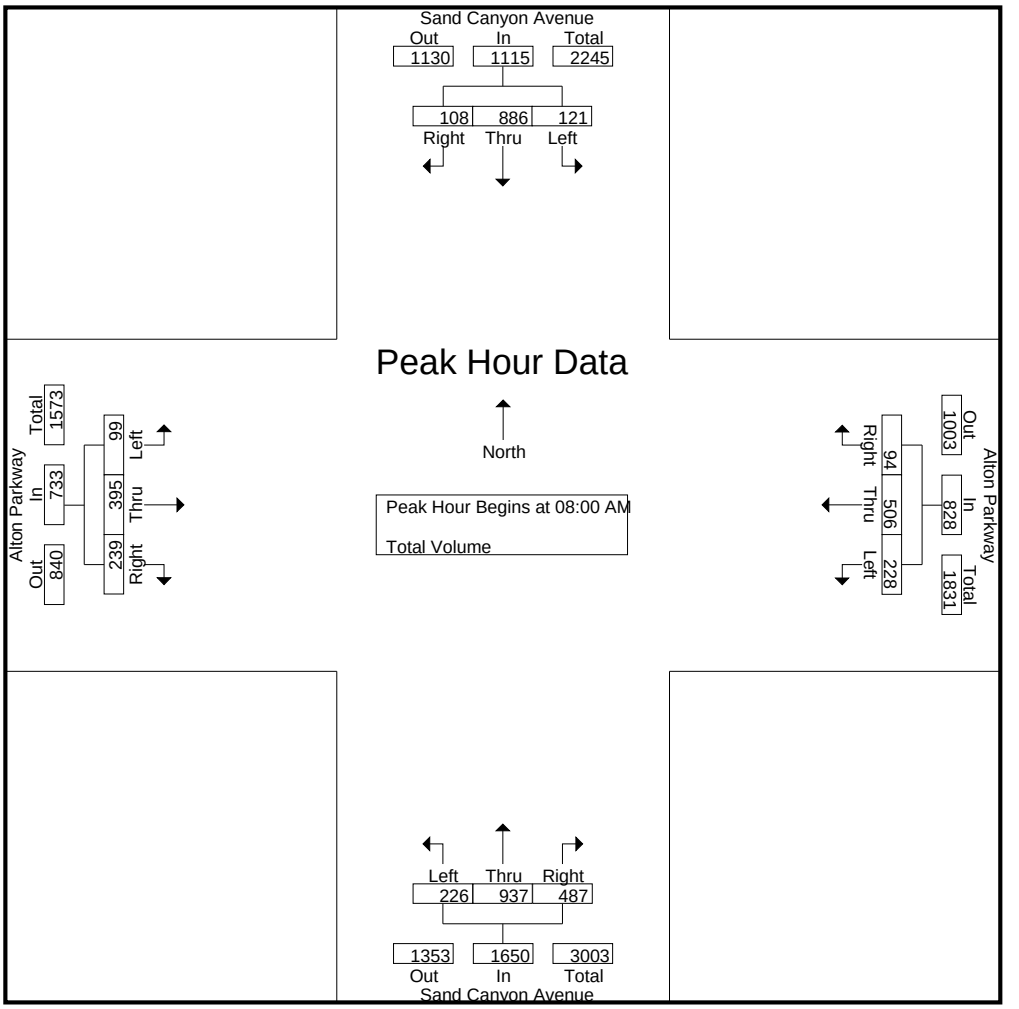

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	28	244	26	298	39	**141**	18	198	63	216	98	377	16	100	61	177
+15 mins.	23	209	28	260	43	113	19	175	42	**247**	118	407	23	**113**	**77**	**213**
+30 mins.	**38**	**247**	23	**308**	**73**	120	**30**	223	51	244	118	413	27	83	63	173
+45 mins.	32	186	**31**	249	73	132	27	**232**	**70**	230	**153**	**453**	**33**	99	38	170
Total Volume	121	886	108	1115	228	506	94	828	226	937	487	1650	99	395	239	733
% App. Total	10.9	79.5	9.7		27.5	61.1	11.4		13.7	56.8	29.5		13.5	53.9	32.6	
PHF	.796	.897	.871	.905	.781	.897	.783	.892	.807	.948	.796	.911	.750	.874	.776	.860

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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Alton Parkway Westbound				Sand Canyon Avenue Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	198	37	246	131	94	39	264	56	123	47	226	23	65	47	135	871
04:15 PM	14	280	40	334	91	120	46	257	66	135	39	240	32	71	57	160	991
04:30 PM	18	245	43	306	125	138	49	312	71	154	47	272	24	68	63	155	1045
04:45 PM	14	265	43	322	109	129	42	280	80	145	38	263	34	73	57	164	1029
Total	57	988	163	1208	456	481	176	1113	273	557	171	1001	113	277	224	614	3936
05:00 PM	14	264	37	315	134	153	62	349	72	134	24	230	26	76	58	160	1054
05:15 PM	8	231	55	294	113	178	36	327	65	143	31	239	28	91	71	190	1050
05:30 PM	12	207	48	267	98	173	37	308	89	139	34	262	41	92	65	198	1035
05:45 PM	8	199	48	255	78	118	21	217	82	143	30	255	35	95	67	197	924
Total	42	901	188	1131	423	622	156	1201	308	559	119	986	130	354	261	745	4063
Grand Total	99	1889	351	2339	879	1103	332	2314	581	1116	290	1987	243	631	485	1359	7999
Apprch %	4.2	80.8	15		38	47.7	14.3		29.2	56.2	14.6		17.9	46.4	35.7		
Total %	1.2	23.6	4.4	29.2	11	13.8	4.2	28.9	7.3	14	3.6	24.8	3	7.9	6.1	17	

	Sand Canyon Avenue Southbound				Alton Parkway Westbound				Sand Canyon Avenue Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**18**	245	43	306	125	138	49	312	71	**154**	**47**	**272**	24	68	63	155	1045
04:45 PM	14	**265**	43	**322**	109	129	42	280	**80**	145	38	263	**34**	73	57	164	1029
05:00 PM	14	264	37	315	**134**	153	**62**	**349**	72	134	24	230	26	76	58	160	**1054**
05:15 PM	8	231	**55**	294	113	**178**	36	327	65	143	31	239	28	**91**	**71**	**190**	1050
Total Volume	54	1005	178	1237	481	598	189	1268	288	576	140	1004	112	308	249	669	4178
% App. Total	4.4	81.2	14.4		37.9	47.2	14.9		28.7	57.4	13.9		16.7	46	37.2		
PHF	.750	.948	.809	.960	.897	.840	.762	.908	.900	.935	.745	.923	.824	.846	.877	.880	.991

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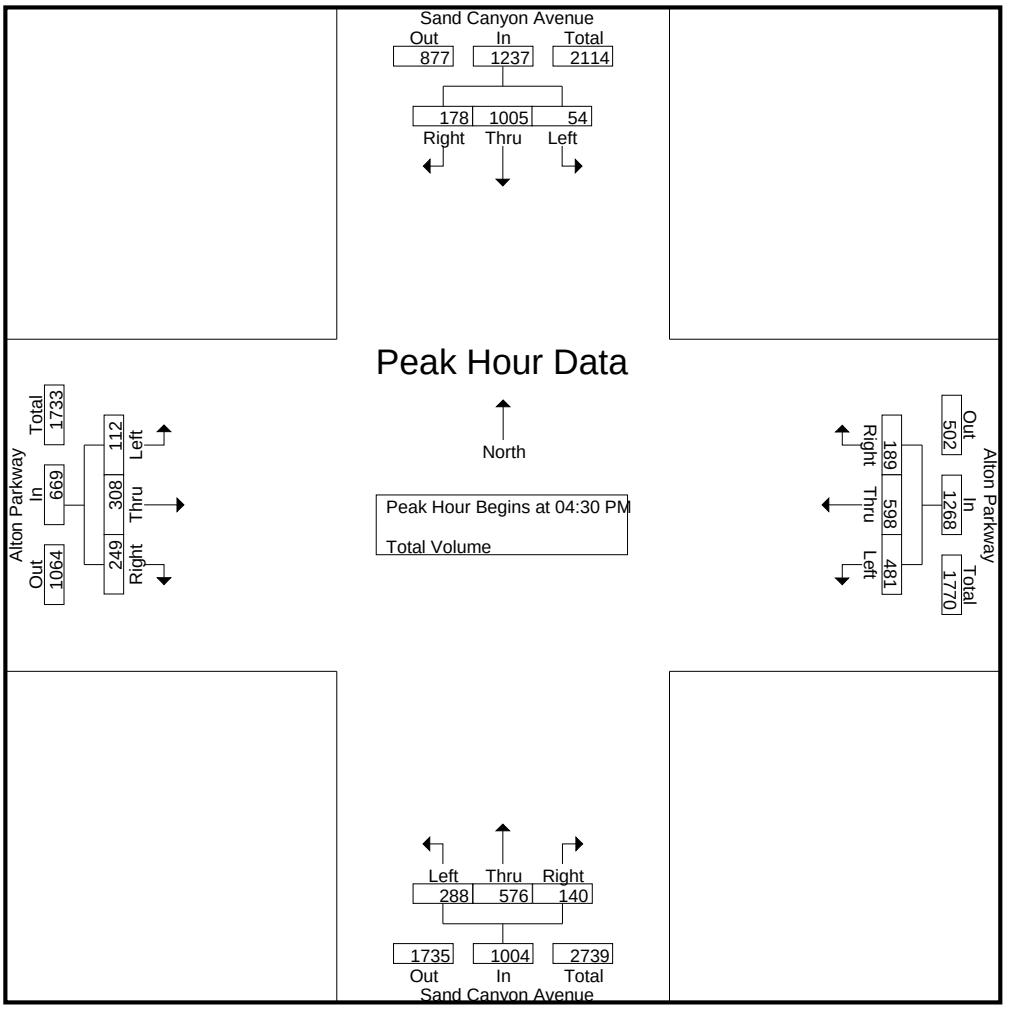
City of Irvine
N/S: Sand Canyon Avenue
E/W: Alton Parkway
Weather: Clear

File Name : 310_IRV_SCyn_Alt PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:30 PM				04:15 PM				05:00 PM			
+0 mins.	14	**280**	40	**334**	125	138	49	312	66	135	39	240	26	76	58	160
+15 mins.	**18**	245	**43**	306	109	129	42	280	71	**154**	**47**	**272**	28	91	**71**	190
+30 mins.	14	265	43	322	**134**	153	**62**	**349**	**80**	145	38	263	**41**	92	65	**198**
+45 mins.	14	264	37	315	113	**178**	36	327	72	134	24	230	35	**95**	67	197
Total Volume	60	1054	163	1277	481	598	189	1268	289	568	148	1005	130	354	261	745
% App. Total	4.7	82.5	12.8		37.9	47.2	14.9		28.8	56.5	14.7		17.4	47.5	35	
PHF	.833	.941	.948	.956	.897	.840	.762	.908	.903	.922	.787	.924	.793	.932	.919	.941

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 311_IRV_SCyn_405N AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				I-405 Northbound Ramps Westbound				Sand Canyon Avenue Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	54	121	175	20	0	67	87	0	252	67	319	0	0	0	0	581
07:15 AM	0	58	158	216	24	0	91	115	0	270	84	354	0	0	0	0	685
07:30 AM	0	102	264	366	23	0	66	89	0	332	116	448	0	0	0	0	903
07:45 AM	0	101	192	293	21	0	91	112	0	348	155	503	0	0	0	0	908
Total	0	315	735	1050	88	0	315	403	0	1202	422	1624	0	0	0	0	3077
08:00 AM	0	109	250	359	18	0	61	79	0	323	199	522	0	0	0	0	960
08:15 AM	0	113	208	321	17	0	63	80	0	351	148	499	0	0	0	0	900
08:30 AM	0	103	285	388	11	0	63	74	0	360	151	511	0	0	0	0	973
08:45 AM	0	86	215	301	17	0	89	106	0	373	107	480	0	0	0	0	887
Total	0	411	958	1369	63	0	276	339	0	1407	605	2012	0	0	0	0	3720
Grand Total	0	726	1693	2419	151	0	591	742	0	2609	1027	3636	0	0	0	0	6797
Apprch %	0	30	70		20.4	0	79.6		0	71.8	28.2		0	0	0		
Total %	0	10.7	24.9	35.6	2.2	0	8.7	10.9	0	38.4	15.1	53.5	0	0	0	0	

	Sand Canyon Avenue Southbound				I-405 Northbound Ramps Westbound				Sand Canyon Avenue Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	101	192	293	**21**	0	**91**	**112**	0	348	155	503	0	0	0	0	908
08:00 AM	0	109	250	359	18	0	61	79	0	323	**199**	**522**	0	0	0	0	960
08:15 AM	0	**113**	208	321	17	0	63	80	0	351	148	499	0	0	0	0	900
08:30 AM	0	103	**285**	**388**	11	0	63	74	0	**360**	151	511	0	0	0	0	**973**
Total Volume	0	426	935	1361	67	0	278	345	0	1382	653	2035	0	0	0	0	3741
% App. Total	0	31.3	68.7		19.4	0	80.6		0	67.9	32.1		0	0	0		
PHF	.000	.942	.820	.877	.798	.000	.764	.770	.000	.960	.820	.975	.000	.000	.000	.000	.961

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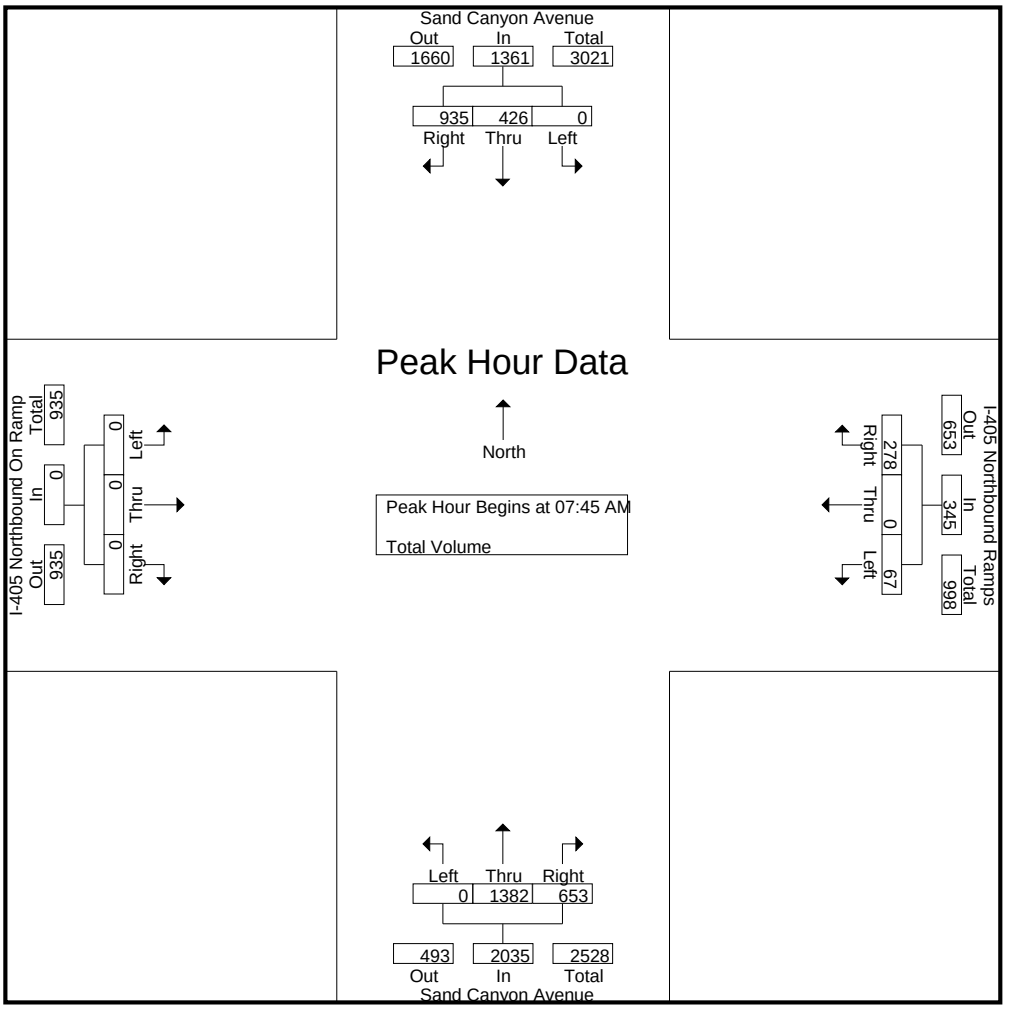
City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 311_IRV_SCyn_405N AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				07:45 AM				07:00 AM			
+0 mins.	0	109	250	359	20	0	67	87	0	348	155	503	0	0	0	0
+15 mins.	0	**113**	208	321	**24**	0	**91**	**115**	0	323	**199**	**522**	0	0	0	0
+30 mins.	0	103	**285**	**388**	23	0	66	89	0	351	148	499	0	0	0	0
+45 mins.	0	86	215	301	21	0	91	112	0	**360**	151	511	0	0	0	0
Total Volume	0	411	958	1369	88	0	315	403	0	1382	653	2035	0	0	0	0
% App. Total	0	30	70		21.8	0	78.2		0	67.9	32.1		0	0	0	
PHF	.000	.909	.840	.882	.917	.000	.865	.876	.000	.960	.820	.975	.000	.000	.000	.000

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 311_IRV_SCyn_405N PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				I-405 Northbound Ramps Westbound				Sand Canyon Avenue Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	138	237	375	42	0	57	99	0	174	73	247	0	0	0	0	721
04:15 PM	0	186	245	431	25	0	78	103	0	164	78	242	0	0	0	0	776
04:30 PM	0	164	276	440	22	0	82	104	0	198	66	264	0	0	0	0	808
04:45 PM	0	165	261	426	28	0	86	114	0	176	72	248	0	0	0	0	788
Total	0	653	1019	1672	117	0	303	420	0	712	289	1001	0	0	0	0	3093
05:00 PM	0	164	273	437	27	0	67	94	0	165	103	268	0	0	0	0	799
05:15 PM	0	197	235	432	23	0	69	92	0	175	64	239	0	0	0	0	763
05:30 PM	0	162	208	370	18	0	76	94	0	188	89	277	0	0	0	0	741
05:45 PM	0	160	192	352	18	0	78	96	0	183	76	259	0	0	0	0	707
Total	0	683	908	1591	86	0	290	376	0	711	332	1043	0	0	0	0	3010
Grand Total	0	1336	1927	3263	203	0	593	796	0	1423	621	2044	0	0	0	0	6103
Apprch %	0	40.9	59.1		25.5	0	74.5		0	69.6	30.4		0	0	0		
Total %	0	21.9	31.6	53.5	3.3	0	9.7	13	0	23.3	10.2	33.5	0	0	0	0	

	Sand Canyon Avenue Southbound				I-405 Northbound Ramps Westbound				Sand Canyon Avenue Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	**186**	245	431	25	0	78	103	0	164	78	242	0	0	0	0	776
04:30 PM	0	164	**276**	**440**	22	0	82	104	0	**198**	66	264	0	0	0	0	**808**
04:45 PM	0	165	261	426	**28**	0	**86**	**114**	0	176	72	248	0	0	0	0	788
05:00 PM	0	164	273	437	27	0	67	94	0	165	**103**	**268**	0	0	0	0	799
Total Volume	0	679	1055	1734	102	0	313	415	0	703	319	1022	0	0	0	0	3171
% App. Total	0	39.2	60.8		24.6	0	75.4		0	68.8	31.2		0	0	0		
PHF	.000	.913	.956	.985	.911	.000	.910	.910	.000	.888	.774	.953	.000	.000	.000	.000	.981

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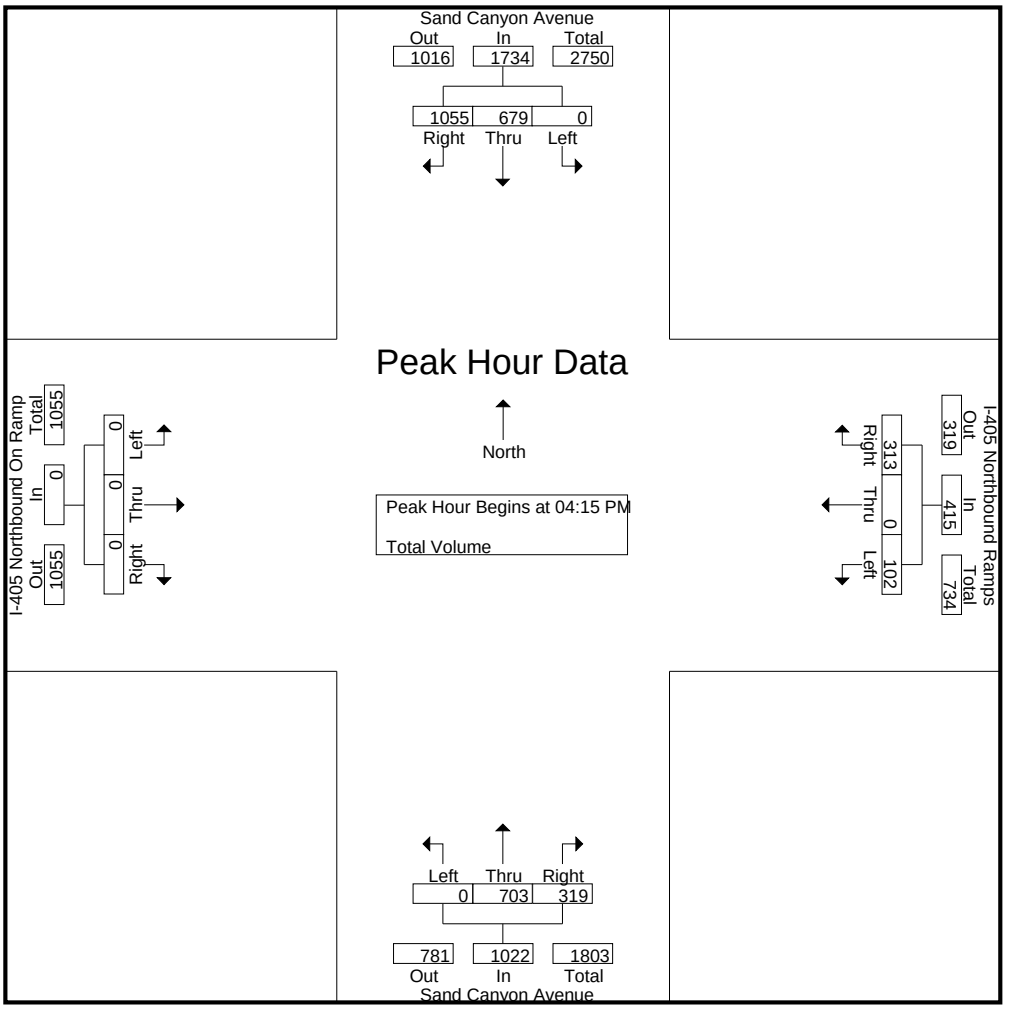
City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Northbound Ramps
Weather: Clear

File Name : 311_IRV_SCyn_405N PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:00 PM				04:00 PM			
+0 mins.	0	164	**276**	**440**	**42**	0	57	99	0	165	**103**	268	0	0	0	0
+15 mins.	0	165	261	426	25	0	78	103	0	175	64	239	0	0	0	0
+30 mins.	0	164	273	437	22	0	82	104	0	**188**	89	**277**	0	0	0	0
+45 mins.	0	**197**	235	432	28	0	**86**	**114**	0	183	76	259	0	0	0	0
Total Volume	0	690	1045	1735	117	0	303	420	0	711	332	1043	0	0	0	0
% App. Total	0	39.8	60.2		27.9	0	72.1		0	68.2	31.8		0	0	0	
PHF	.000	.876	.947	.986	.696	.000	.881	.921	.000	.945	.806	.941	.000	.000	.000	.000

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 312_IRV_SCyn_405S AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound			Sand Canyon Avenue Northbound			I-405 Southbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	42	31	73	18	85	103	219	41	260	436
07:15 AM	49	29	78	29	115	144	253	40	293	515
07:30 AM	54	65	119	38	168	206	269	36	305	630
07:45 AM	61	52	113	35	199	234	298	71	369	716
Total	206	177	383	120	567	687	1039	188	1227	2297
08:00 AM	83	49	132	52	248	300	256	75	331	763
08:15 AM	71	59	130	48	213	261	287	80	367	758
08:30 AM	58	51	109	29	205	234	291	101	392	735
08:45 AM	64	46	110	35	165	200	300	73	373	683
Total	276	205	481	164	831	995	1134	329	1463	2939
Grand Total	482	382	864	284	1398	1682	2173	517	2690	5236
Apprch %	55.8	44.2		16.9	83.1		80.8	19.2		
Total %	9.2	7.3	16.5	5.4	26.7	32.1	41.5	9.9	51.4	

	Sand Canyon Avenue Southbound			Sand Canyon Avenue Northbound			I-405 Southbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	61	52	113	35	199	234	**298**	71	369	716
08:00 AM	**83**	49	**132**	**52**	**248**	**300**	256	75	331	**763**
08:15 AM	71	**59**	130	48	213	261	287	80	367	758
08:30 AM	58	51	109	29	205	234	291	**101**	**392**	735
Total Volume	273	211	484	164	865	1029	1132	327	1459	2972
% App. Total	56.4	43.6		15.9	84.1		77.6	22.4		
PHF	.822	.894	.917	.788	.872	.858	.950	.809	.930	.974

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 312_IRV_SCyn_405S AM
Site Code : 05124139
Start Date : 2/8/2024
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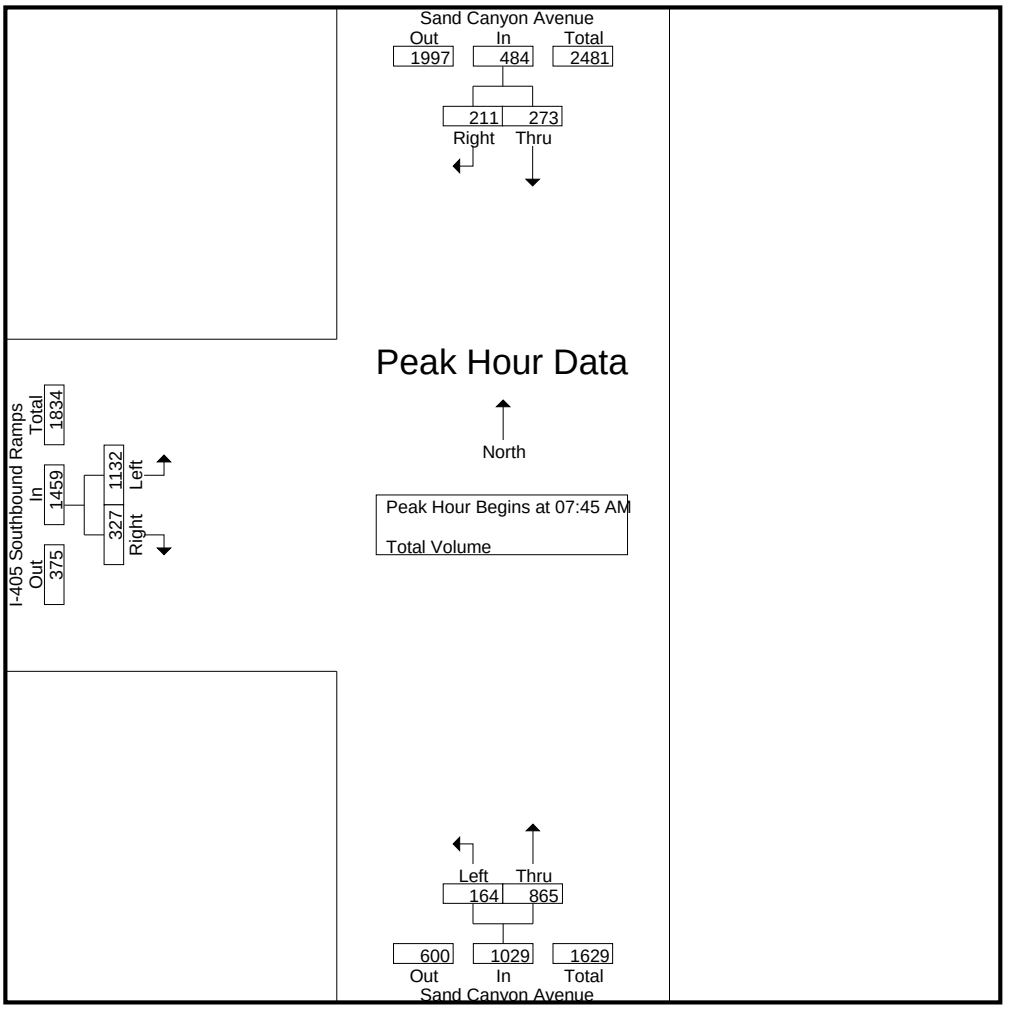

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:45 AM			08:00 AM		
+0 mins.	54	**65**	119	35	199	234	256	75	331
+15 mins.	61	52	113	**52**	**248**	**300**	287	80	367
+30 mins.	**83**	49	**132**	48	213	261	291	**101**	**392**
+45 mins.	71	59	130	29	205	234	**300**	73	373
Total Volume	269	225	494	164	865	1029	1134	329	1463
% App. Total	54.5	45.5		15.9	84.1		77.5	22.5	
PHF	.810	.865	.936	.788	.872	.858	.945	.814	.933

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 312_IRV_SCyn_405SPM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound			Sand Canyon Avenue Northbound			I-405 Southbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	84	92	176	38	129	167	109	100	209	552
04:15 PM	117	95	212	41	138	179	106	81	187	578
04:30 PM	108	81	189	34	146	180	117	87	204	573
04:45 PM	102	88	190	35	141	176	105	78	183	549
Total	411	356	767	148	554	702	437	346	783	2252
05:00 PM	105	88	193	38	172	210	94	99	193	596
05:15 PM	122	109	231	56	155	211	86	83	169	611
05:30 PM	101	85	186	51	170	221	98	92	190	597
05:45 PM	90	72	162	46	156	202	97	99	196	560
Total	418	354	772	191	653	844	375	373	748	2364
Grand Total	829	710	1539	339	1207	1546	812	719	1531	4616
Apprch %	53.9	46.1		21.9	78.1		53	47		
Total %	18	15.4	33.3	7.3	26.1	33.5	17.6	15.6	33.2	

	Sand Canyon Avenue Southbound			Sand Canyon Avenue Northbound			I-405 Southbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	105	88	193	38	**172**	210	94	**99**	193	596
05:15 PM	**122**	**109**	**231**	**56**	155	211	86	83	169	**611**
05:30 PM	101	85	186	51	170	**221**	**98**	92	190	597
05:45 PM	90	72	162	46	156	202	97	99	**196**	560
Total Volume	418	354	772	191	653	844	375	373	748	2364
% App. Total	54.1	45.9		22.6	77.4		50.1	49.9		
PHF	.857	.812	.835	.853	.949	.955	.957	.942	.954	.967

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City of Irvine
N/S: Sand Canyon Avenue
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 312_IRV_SCyn_405SPM
Site Code : 05124139
Start Date : 2/8/2024
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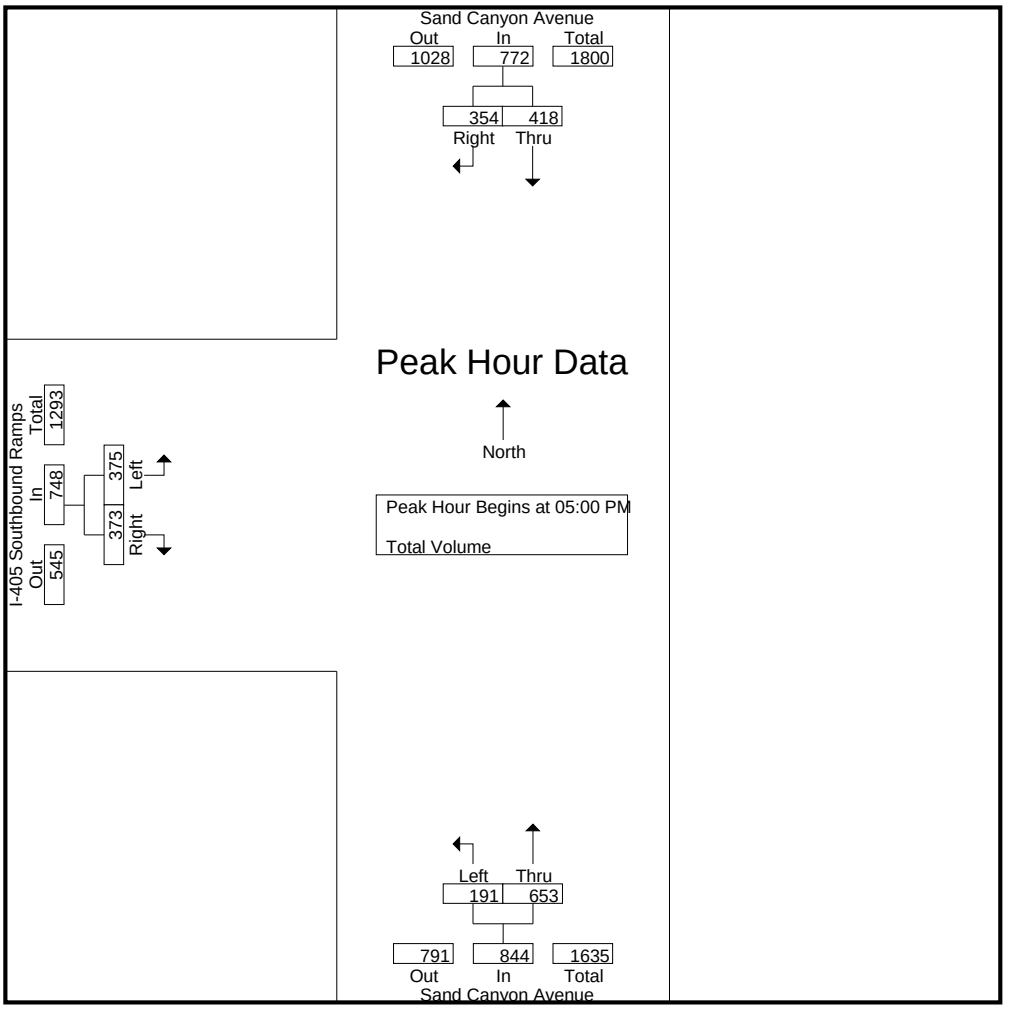

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			05:00 PM			04:00 PM		
+0 mins.	108	81	189	38	**172**	210	109	**100**	**209**
+15 mins.	102	88	190	**56**	155	211	106	81	187
+30 mins.	105	88	193	51	170	**221**	**117**	87	204
+45 mins.	**122**	**109**	**231**	46	156	202	105	78	183
Total Volume	437	366	803	191	653	844	437	346	783
% App. Total	54.4	45.6		22.6	77.4		55.8	44.2	
PHF	.895	.839	.869	.853	.949	.955	.934	.865	.937

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City of Irvine
N/S: Laguna Canyon Road
E/W: Irvine Center Drive
Weather: Clear

File Name : 313_IRV_Lag Cyn_ICD AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Irvine Center Drive Westbound				Laguna Canyon Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	8	6	19	5	40	11	56	1	9	0	10	4	53	4	61	146
07:15 AM	4	13	1	18	3	56	8	67	2	12	1	15	5	62	9	76	176
07:30 AM	8	22	1	31	13	72	11	96	3	10	4	17	11	83	4	98	242
07:45 AM	9	16	15	40	28	104	22	154	4	12	6	22	14	145	7	166	382
Total	26	59	23	108	49	272	52	373	10	43	11	64	34	343	24	401	946
08:00 AM	8	14	1	23	13	107	18	138	4	14	4	22	14	94	11	119	302
08:15 AM	19	20	3	42	26	90	16	132	7	12	5	24	11	108	6	125	323
08:30 AM	15	24	3	42	19	114	16	149	6	13	10	29	19	117	9	145	365
08:45 AM	22	41	3	66	19	99	27	145	8	24	1	33	18	91	10	119	363
Total	64	99	10	173	77	410	77	564	25	63	20	108	62	410	36	508	1353
Grand Total	90	158	33	281	126	682	129	937	35	106	31	172	96	753	60	909	2299
Apprch %	32	56.2	11.7		13.4	72.8	13.8		20.3	61.6	18		10.6	82.8	6.6		
Total %	3.9	6.9	1.4	12.2	5.5	29.7	5.6	40.8	1.5	4.6	1.3	7.5	4.2	32.8	2.6	39.5	

	Laguna Canyon Road Southbound				Irvine Center Drive Westbound				Laguna Canyon Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	9	16	**15**	40	**28**	104	**22**	**154**	4	12	6	22	14	**145**	7	**166**	**382**
08:00 AM	8	14	1	23	13	107	18	138	4	**14**	4	22	14	94	**11**	119	302
08:15 AM	**19**	20	3	**42**	26	90	16	132	**7**	12	5	24	11	108	6	125	323
08:30 AM	15	**24**	3	42	19	**114**	16	149	6	13	**10**	**29**	**19**	117	9	145	365
Total Volume	51	74	22	147	86	415	72	573	21	51	25	97	58	464	33	555	1372
% App. Total	34.7	50.3	15		15	72.4	12.6		21.6	52.6	25.8		10.5	83.6	5.9		
PHF	.671	.771	.367	.875	.768	.910	.818	.930	.750	.911	.625	.836	.763	.800	.750	.836	.898

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City of Irvine
N/S: Laguna Canyon Road
E/W: Irvine Center Drive
Weather: Clear

File Name : 313_IRV_Lag Cyn_ICD AM
Site Code : 05124139
Start Date : 2/8/2024
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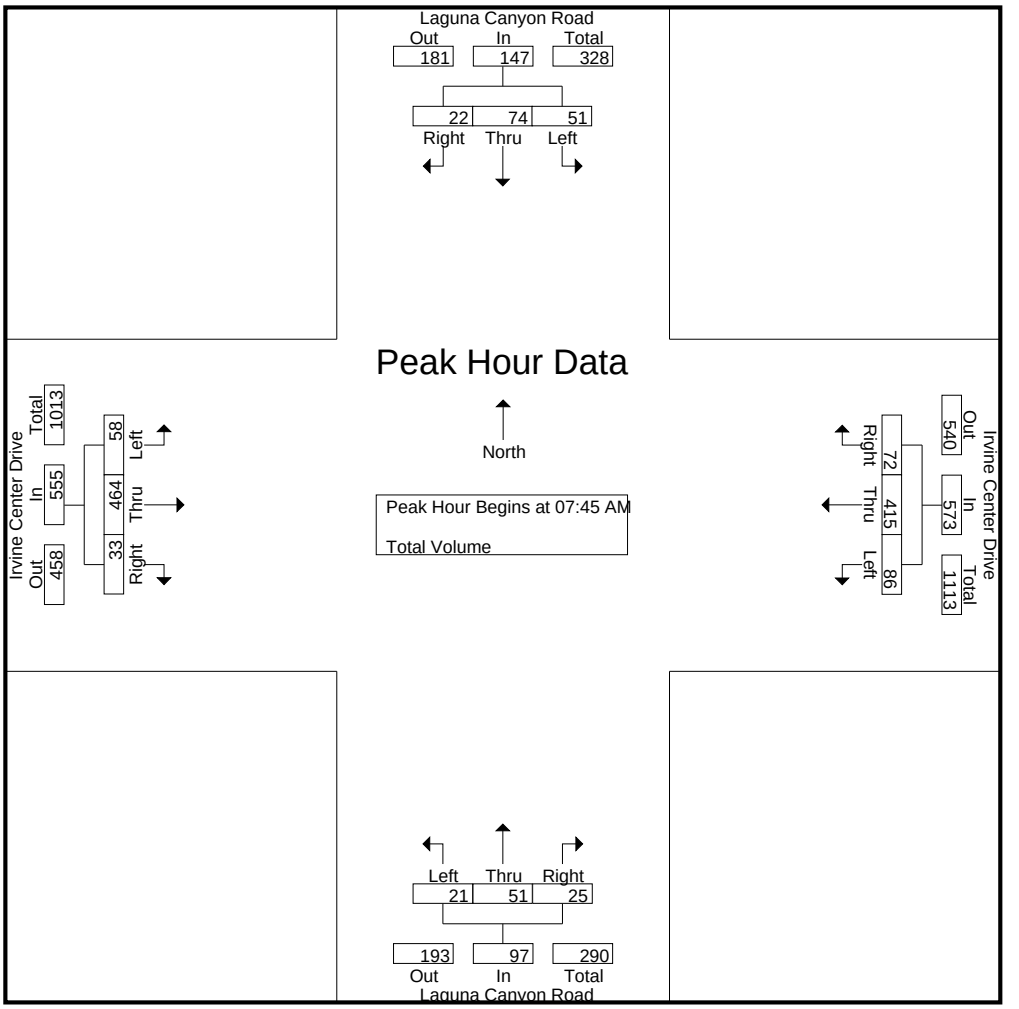

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	8	14	1	23	**28**	104	**22**	**154**	4	14	4	22	14	**145**	7	**166**
+15 mins.	19	20	**3**	42	13	107	18	138	7	12	5	24	14	94	**11**	119
+30 mins.	15	24	3	42	26	90	16	132	6	13	**10**	29	11	108	6	125
+45 mins.	**22**	**41**	3	**66**	19	**114**	16	149	**8**	**24**	1	**33**	**19**	117	9	145
Total Volume	64	99	10	173	86	415	72	573	25	63	20	108	58	464	33	555
% App. Total	37	57.2	5.8		15	72.4	12.6		23.1	58.3	18.5		10.5	83.6	5.9	
PHF	.727	.604	.833	.655	.768	.910	.818	.930	.781	.656	.500	.818	.763	.800	.750	.836

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City of Irvine
N/S: Laguna Canyon Road
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File Name : 313_IRV_Lag Cyn_ICD PM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Irvine Center Drive Westbound				Laguna Canyon Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	22	14	10	46	12	172	15	199	14	33	14	61	8	106	2	116	422
04:15 PM	17	18	13	48	15	163	22	200	18	19	14	51	10	89	3	102	401
04:30 PM	15	9	9	33	7	188	18	213	24	17	28	69	6	100	1	107	422
04:45 PM	15	17	9	41	9	220	21	250	14	26	15	55	9	111	1	121	467
Total	69	58	41	168	43	743	76	862	70	95	71	236	33	406	7	446	1712
05:00 PM	22	11	14	47	11	253	24	288	15	22	34	71	10	104	6	120	526
05:15 PM	23	12	14	49	5	259	10	274	17	24	15	56	9	137	1	147	526
05:30 PM	17	14	6	37	4	166	14	184	33	17	6	56	20	157	3	180	457
05:45 PM	14	10	12	36	4	133	15	152	27	18	11	56	18	86	4	108	352
Total	76	47	46	169	24	811	63	898	92	81	66	239	57	484	14	555	1861
Grand Total	145	105	87	337	67	1554	139	1760	162	176	137	475	90	890	21	1001	3573
Apprch %	43	31.2	25.8		3.8	88.3	7.9		34.1	37.1	28.8		9	88.9	2.1		
Total %	4.1	2.9	2.4	9.4	1.9	43.5	3.9	49.3	4.5	4.9	3.8	13.3	2.5	24.9	0.6	28	

	Laguna Canyon Road Southbound				Irvine Center Drive Westbound				Laguna Canyon Road Northbound				Irvine Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	15	**17**	9	41	9	220	21	250	14	**26**	15	55	9	111	1	121	467
05:00 PM	22	11	**14**	47	**11**	253	**24**	**288**	15	22	**34**	**71**	10	104	**6**	120	**526**
05:15 PM	**23**	12	14	**49**	5	**259**	10	274	17	24	15	56	9	137	1	147	526
05:30 PM	17	14	6	37	4	166	14	184	**33**	17	6	56	**20**	**157**	3	**180**	457
Total Volume	77	54	43	174	29	898	69	996	79	89	70	238	48	509	11	568	1976
% App. Total	44.3	31	24.7		2.9	90.2	6.9		33.2	37.4	29.4		8.5	89.6	1.9		
PHF	.837	.794	.768	.888	.659	.867	.719	.865	.598	.856	.515	.838	.600	.811	.458	.789	.939

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File Name : 313_IRV_Lag Cyn_ICD PM
Site Code : 05124139
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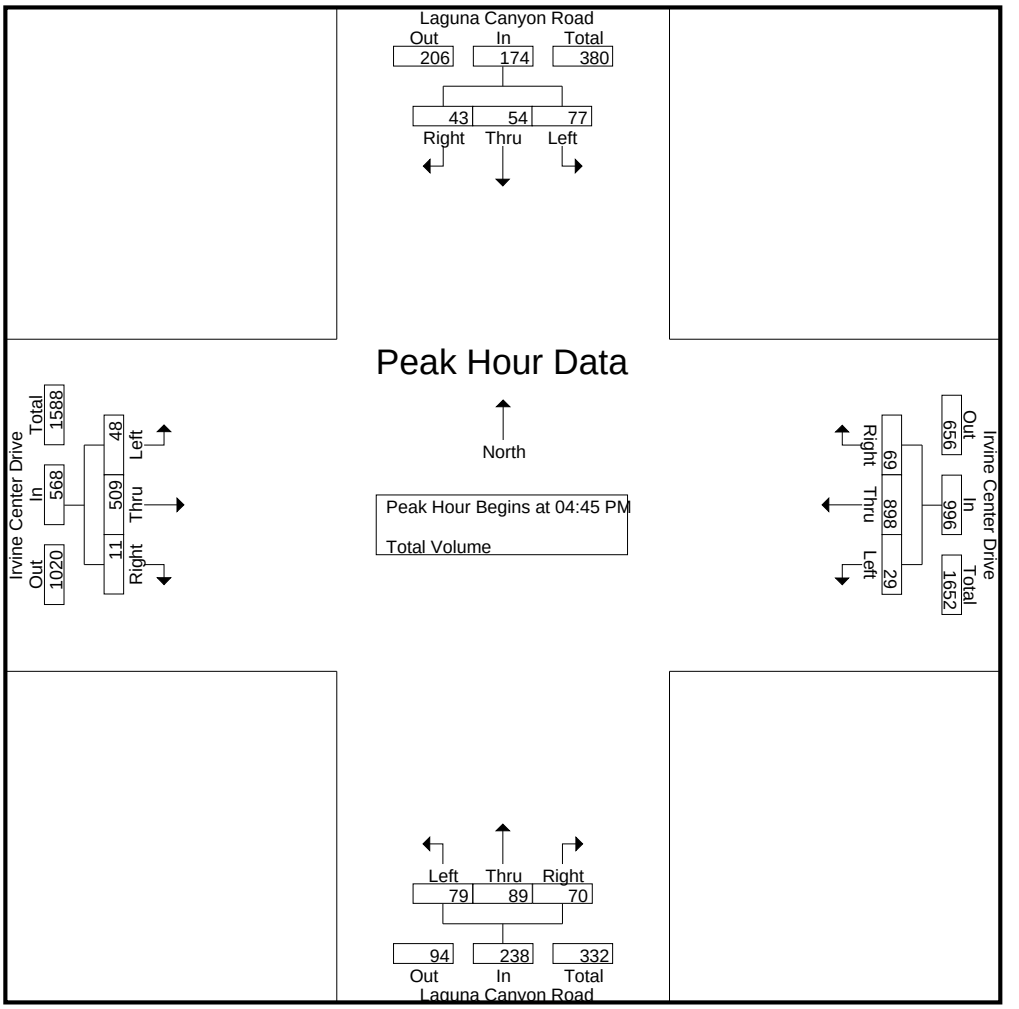

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	15	**17**	9	41	7	188	18	213	**24**	17	28	69	9	111	1	121
+15 mins.	22	11	**14**	47	9	220	21	250	14	**26**	15	55	10	104	**6**	120
+30 mins.	**23**	12	14	**49**	**11**	253	**24**	**288**	15	22	**34**	**71**	9	137	1	147
+45 mins.	17	14	6	37	5	**259**	10	274	17	24	15	56	**20**	**157**	3	**180**
Total Volume	77	54	43	174	32	920	73	1025	70	89	92	251	48	509	11	568
% App. Total	44.3	31	24.7		3.1	89.8	7.1		27.9	35.5	36.7		8.5	89.6	1.9	
PHF	.837	.794	.768	.888	.727	.888	.760	.890	.729	.856	.676	.884	.600	.811	.458	.789

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City of Irvine
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E/W: Barranca Parkway
Weather: Clear

File Name : 314_IRV_Lag Cyn_Barr AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Barranca Parkway Westbound				Laguna Canyon Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	4	3	9	9	36	8	53	0	9	1	10	4	38	4	46	118
07:15 AM	3	15	2	20	13	37	10	60	2	8	4	14	9	53	3	65	159
07:30 AM	0	10	5	15	9	93	6	108	4	11	5	20	7	47	3	57	200
07:45 AM	4	8	1	13	12	118	14	144	10	12	4	26	12	70	12	94	277
Total	9	37	11	57	43	284	38	365	16	40	14	70	32	208	22	262	754
08:00 AM	1	12	0	13	14	103	12	129	10	7	4	21	12	58	10	80	243
08:15 AM	2	10	5	17	14	112	11	137	9	15	2	26	9	82	26	117	297
08:30 AM	2	23	4	29	17	153	6	176	10	10	4	24	14	93	22	129	358
08:45 AM	2	31	9	42	33	117	6	156	17	19	5	41	18	68	22	108	347
Total	7	76	18	101	78	485	35	598	46	51	15	112	53	301	80	434	1245
Grand Total	16	113	29	158	121	769	73	963	62	91	29	182	85	509	102	696	1999
Apprch %	10.1	71.5	18.4		12.6	79.9	7.6		34.1	50	15.9		12.2	73.1	14.7		
Total %	0.8	5.7	1.5	7.9	6.1	38.5	3.7	48.2	3.1	4.6	1.5	9.1	4.3	25.5	5.1	34.8	

	Laguna Canyon Road Southbound				Barranca Parkway Westbound				Laguna Canyon Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	12	0	13	14	103	**12**	129	10	7	4	21	12	58	10	80	243
08:15 AM	**2**	10	5	17	14	112	11	137	9	15	2	26	9	82	**26**	117	297
08:30 AM	2	23	4	29	17	**153**	6	**176**	10	10	4	24	14	**93**	22	**129**	**358**
08:45 AM	2	**31**	**9**	**42**	**33**	117	6	156	**17**	**19**	**5**	**41**	**18**	68	22	108	347
Total Volume	7	76	18	101	78	485	35	598	46	51	15	112	53	301	80	434	1245
% App. Total	6.9	75.2	17.8		13	81.1	5.9		41.1	45.5	13.4		12.2	69.4	18.4		
PHF	.875	.613	.500	.601	.591	.792	.729	.849	.676	.671	.750	.683	.736	.809	.769	.841	.869

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City of Irvine
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E/W: Barranca Parkway
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File Name : 314_IRV_Lag Cyn_Barr AM
Site Code : 05124139
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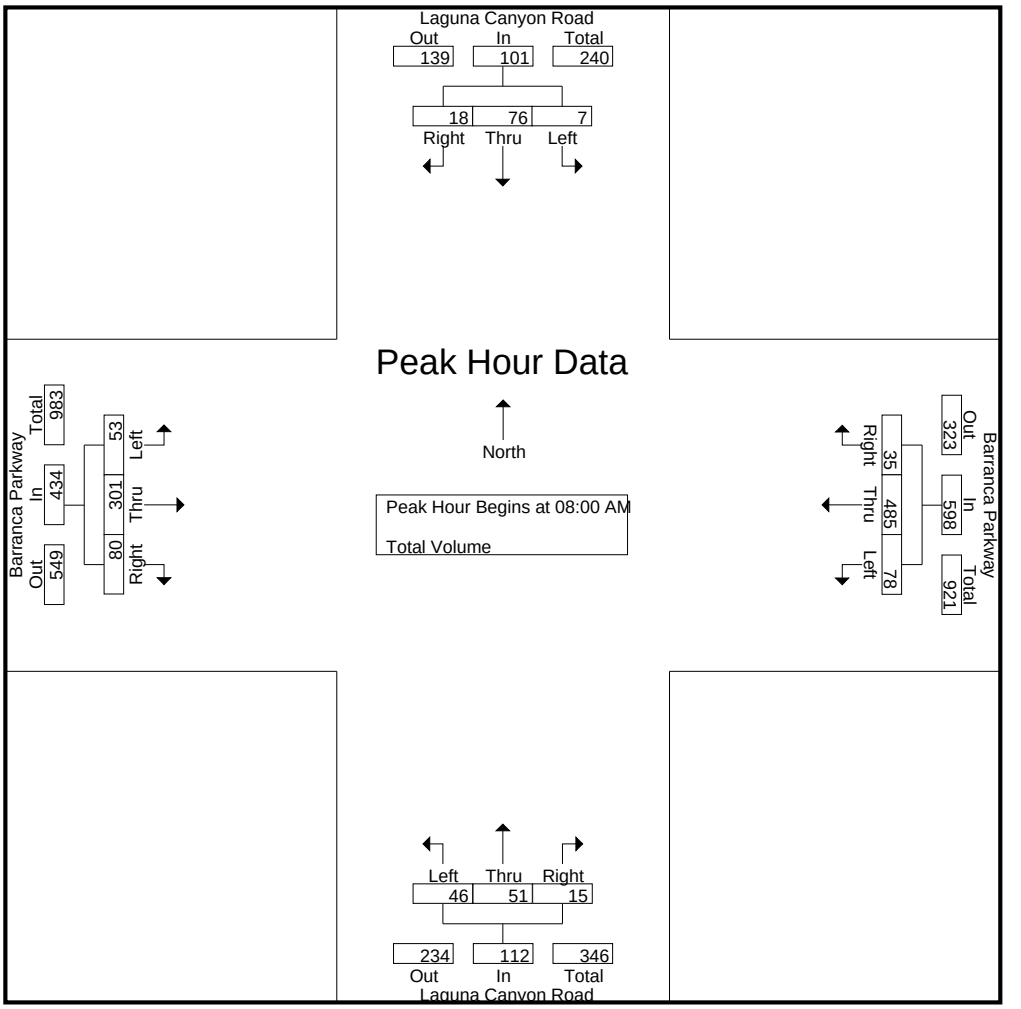

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	1	12	0	13	14	103	**12**	129	10	7	4	21	12	58	10	80
+15 mins.	**2**	10	5	17	14	112	11	137	9	15	2	26	9	82	**26**	117
+30 mins.	2	23	4	29	17	**153**	6	**176**	10	10	4	24	14	**93**	22	**129**
+45 mins.	2	**31**	**9**	**42**	**33**	117	6	156	**17**	**19**	**5**	**41**	**18**	68	22	108
Total Volume	7	76	18	101	78	485	35	598	46	51	15	112	53	301	80	434
% App. Total	6.9	75.2	17.8		13	81.1	5.9		41.1	45.5	13.4		12.2	69.4	18.4	
PHF	.875	.613	.500	.601	.591	.792	.729	.849	.676	.671	.750	.683	.736	.809	.769	.841

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City of Irvine
N/S: Laguna Canyon Road
E/W: Barranca Parkway
Weather: Clear

File Name : 314_IRV_Lag Cyn_Barr PM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Barranca Parkway Westbound				Laguna Canyon Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	18	17	43	4	70	2	76	6	21	13	40	6	64	13	83	242
04:15 PM	10	9	18	37	8	84	8	100	15	19	16	50	9	66	8	83	270
04:30 PM	12	7	19	38	5	107	9	121	14	18	25	57	3	69	6	78	294
04:45 PM	8	15	23	46	5	110	3	118	11	18	22	51	6	58	19	83	298
Total	38	49	77	164	22	371	22	415	46	76	76	198	24	257	46	327	1104
05:00 PM	13	18	25	56	11	88	11	110	27	24	33	84	10	104	10	124	374
05:15 PM	6	22	20	48	10	132	31	173	21	12	35	68	12	90	13	115	404
05:30 PM	13	25	30	68	12	129	23	164	13	16	45	74	11	79	16	106	412
05:45 PM	4	20	20	44	4	116	19	139	16	17	30	63	6	74	9	89	335
Total	36	85	95	216	37	465	84	586	77	69	143	289	39	347	48	434	1525
Grand Total	74	134	172	380	59	836	106	1001	123	145	219	487	63	604	94	761	2629
Apprch %	19.5	35.3	45.3		5.9	83.5	10.6		25.3	29.8	45		8.3	79.4	12.4		
Total %	2.8	5.1	6.5	14.5	2.2	31.8	4	38.1	4.7	5.5	8.3	18.5	2.4	23	3.6	28.9	

	Laguna Canyon Road Southbound				Barranca Parkway Westbound				Laguna Canyon Road Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**13**	18	25	56	11	88	11	110	**27**	**24**	33	**84**	10	**104**	10	**124**	374
05:15 PM	6	22	20	48	10	**132**	**31**	**173**	21	12	35	68	**12**	90	13	115	404
05:30 PM	13	**25**	**30**	**68**	**12**	129	23	164	13	16	**45**	74	11	79	**16**	106	**412**
05:45 PM	4	20	20	44	4	116	19	139	16	17	30	63	6	74	9	89	335
Total Volume	36	85	95	216	37	465	84	586	77	69	143	289	39	347	48	434	1525
% App. Total	16.7	39.4	44		6.3	79.4	14.3		26.6	23.9	49.5		9	80	11.1		
PHF	.692	.850	.792	.794	.771	.881	.677	.847	.713	.719	.794	.860	.813	.834	.750	.875	.925

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City of Irvine
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E/W: Barranca Parkway
Weather: Clear

File Name : 314_IRV_Lag Cyn_Barr PM
Site Code : 05124139
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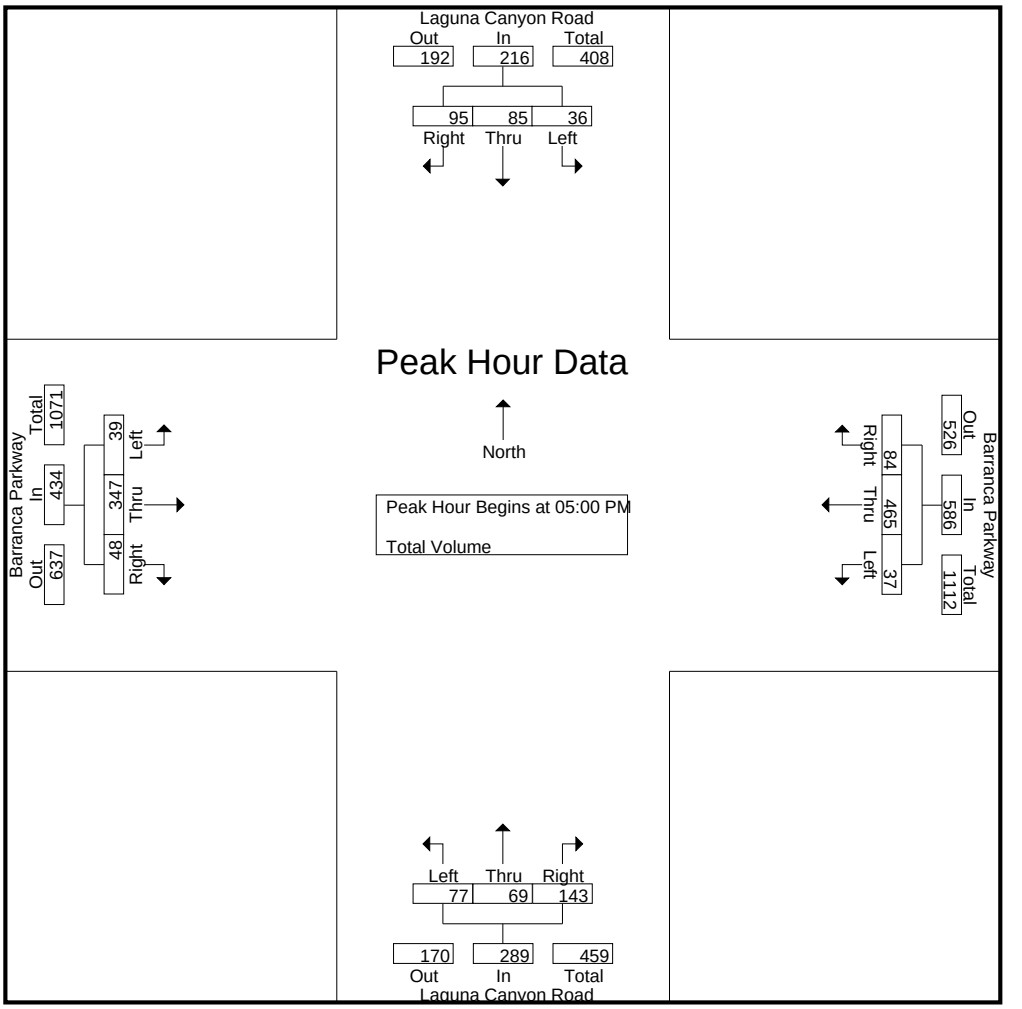

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	8	15	23	46	11	88	11	110	**27**	**24**	33	**84**	10	**104**	10	**124**
+15 mins.	**13**	18	25	56	10	**132**	**31**	**173**	21	12	35	68	**12**	90	13	115
+30 mins.	6	22	20	48	**12**	129	23	164	13	16	**45**	74	11	79	**16**	106
+45 mins.	13	**25**	**30**	**68**	4	116	19	139	16	17	30	63	6	74	9	89
Total Volume	40	80	98	218	37	465	84	586	77	69	143	289	39	347	48	434
% App. Total	18.3	36.7	45		6.3	79.4	14.3		26.6	23.9	49.5		9	80	11.1	
PHF	.769	.800	.817	.801	.771	.881	.677	.847	.713	.719	.794	.860	.813	.834	.750	.875

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City of Irvine
N/S: Laguna Canyon Road
E/W: Alton Parkway
Weather: Clear

File Name : 315_IRV_Lag Cyn_Alt AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Alton Parkway Westbound				Laguna Canyon Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	9	4	13	15	46	1	62	8	8	1	17	9	55	21	85	177
07:15 AM	4	11	5	20	11	73	6	90	16	10	11	37	7	52	20	79	226
07:30 AM	3	7	1	11	19	76	5	100	13	15	11	39	8	72	19	99	249
07:45 AM	6	24	6	36	31	167	6	204	34	24	12	70	4	61	14	79	389
Total	13	51	16	80	76	362	18	456	71	57	35	163	28	240	74	342	1041
08:00 AM	2	15	4	21	32	181	4	217	24	20	15	59	9	110	16	135	432
08:15 AM	0	19	7	26	31	146	5	182	23	24	20	67	24	105	15	144	419
08:30 AM	6	20	13	39	19	187	12	218	39	24	17	80	24	107	17	148	485
08:45 AM	3	34	4	41	35	149	13	197	25	36	15	76	41	98	20	159	473
Total	11	88	28	127	117	663	34	814	111	104	67	282	98	420	68	586	1809
Grand Total	24	139	44	207	193	1025	52	1270	182	161	102	445	126	660	142	928	2850
Apprch %	11.6	67.1	21.3		15.2	80.7	4.1		40.9	36.2	22.9		13.6	71.1	15.3		
Total %	0.8	4.9	1.5	7.3	6.8	36	1.8	44.6	6.4	5.6	3.6	15.6	4.4	23.2	5	32.6	

	Laguna Canyon Road Southbound				Alton Parkway Westbound				Laguna Canyon Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	15	4	21	32	181	4	217	24	20	15	59	9	**110**	16	135	432
08:15 AM	0	19	7	26	31	146	5	182	23	24	**20**	67	24	105	15	144	419
08:30 AM	**6**	20	**13**	39	19	**187**	12	**218**	**39**	24	17	**80**	24	107	17	148	**485**
08:45 AM	3	**34**	4	**41**	**35**	149	**13**	197	25	**36**	15	76	**41**	98	**20**	**159**	473
Total Volume	11	88	28	127	117	663	34	814	111	104	67	282	98	420	68	586	1809
% App. Total	8.7	69.3	22		14.4	81.4	4.2		39.4	36.9	23.8		16.7	71.7	11.6		
PHF	.458	.647	.538	.774	.836	.886	.654	.933	.712	.722	.838	.881	.598	.955	.850	.921	.932

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City of Irvine
N/S: Laguna Canyon Road
E/W: Alton Parkway
Weather: Clear

File Name : 315_IRV_Lag Cyn_Alt AM
Site Code : 05124139
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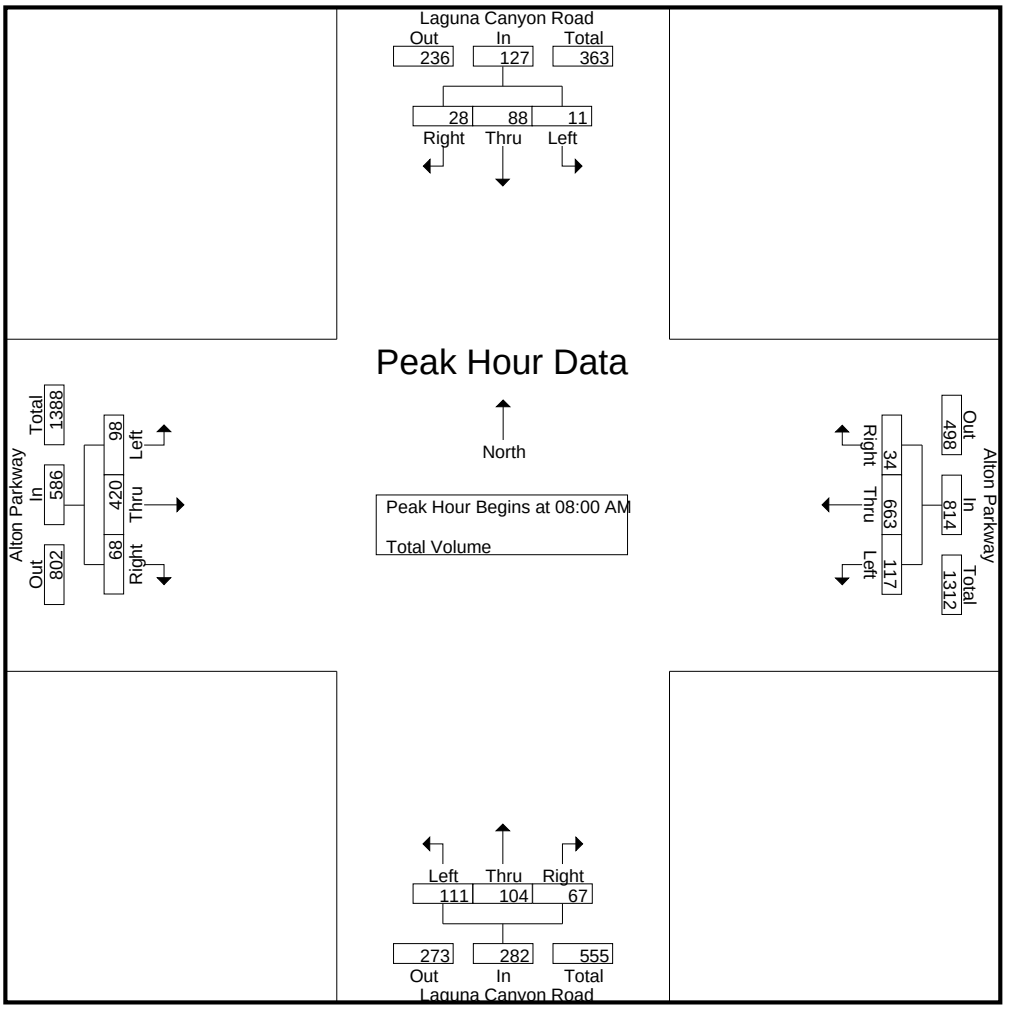

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	2	15	4	21	31	167	6	204	24	20	15	59	9	**110**	16	135
+15 mins.	0	19	7	26	**32**	181	4	217	23	24	**20**	67	24	105	15	144
+30 mins.	**6**	20	**13**	39	31	146	5	182	**39**	24	17	**80**	24	107	17	148
+45 mins.	3	**34**	4	**41**	19	**187**	**12**	**218**	25	**36**	15	76	**41**	98	**20**	**159**
Total Volume	11	88	28	127	113	681	27	821	111	104	67	282	98	420	68	586
% App. Total	8.7	69.3	22		13.8	82.9	3.3		39.4	36.9	23.8		16.7	71.7	11.6	
PHF	.458	.647	.538	.774	.883	.910	.563	.942	.712	.722	.838	.881	.598	.955	.850	.921

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Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Alton Parkway Westbound				Laguna Canyon Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	24	17	48	11	126	3	140	23	19	12	54	2	106	19	127	369
04:15 PM	9	18	6	33	13	111	6	130	20	26	14	60	11	92	13	116	339
04:30 PM	12	18	5	35	17	141	4	162	21	23	14	58	7	102	22	131	386
04:45 PM	9	29	10	48	18	136	10	164	29	28	10	67	7	106	16	129	408
Total	37	89	38	164	59	514	23	596	93	96	50	239	27	406	70	503	1502
05:00 PM	12	35	12	59	17	144	4	165	31	24	21	76	7	118	19	144	444
05:15 PM	15	33	10	58	17	125	6	148	34	33	26	93	3	106	27	136	435
05:30 PM	9	52	16	77	12	148	5	165	53	35	27	115	5	95	19	119	476
05:45 PM	12	37	15	64	15	103	2	120	31	25	18	74	3	94	22	119	377
Total	48	157	53	258	61	520	17	598	149	117	92	358	18	413	87	518	1732
Grand Total	85	246	91	422	120	1034	40	1194	242	213	142	597	45	819	157	1021	3234
Apprch %	20.1	58.3	21.6		10.1	86.6	3.4		40.5	35.7	23.8		4.4	80.2	15.4		
Total %	2.6	7.6	2.8	13	3.7	32	1.2	36.9	7.5	6.6	4.4	18.5	1.4	25.3	4.9	31.6	

	Laguna Canyon Road Southbound				Alton Parkway Westbound				Laguna Canyon Road Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	9	29	10	48	**18**	136	**10**	164	29	28	10	67	**7**	106	16	129	408
05:00 PM	12	35	12	59	17	144	4	**165**	31	24	21	76	7	**118**	19	**144**	444
05:15 PM	**15**	33	10	58	17	125	6	148	34	33	26	93	3	106	**27**	136	435
05:30 PM	9	**52**	**16**	**77**	12	**148**	5	165	**53**	**35**	**27**	**115**	5	95	19	119	**476**
Total Volume	45	149	48	242	64	553	25	642	147	120	84	351	22	425	81	528	1763
% App. Total	18.6	61.6	19.8		10	86.1	3.9		41.9	34.2	23.9		4.2	80.5	15.3		
PHF	.750	.716	.750	.786	.889	.934	.625	.973	.693	.857	.778	.763	.786	.900	.750	.917	.926

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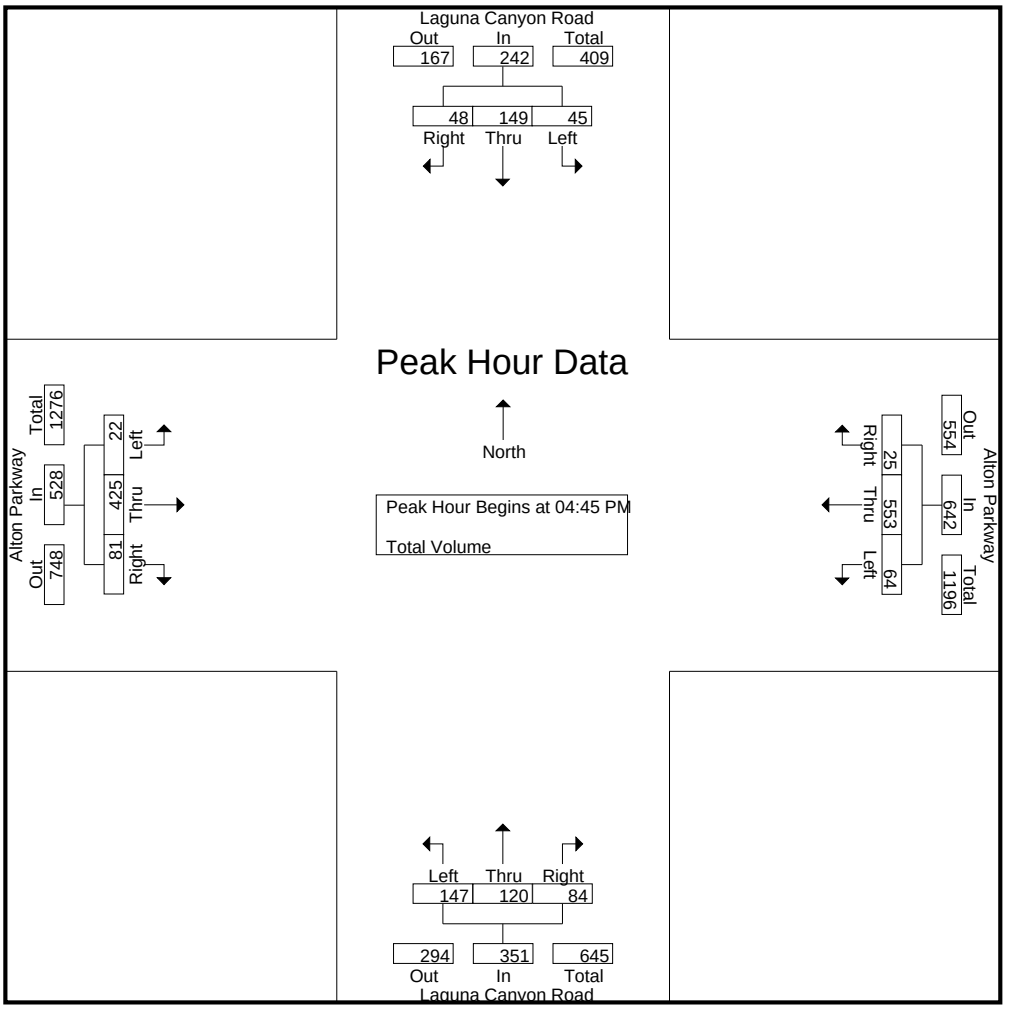

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:30 PM			
+0 mins.	12	35	12	59	**18**	136	**10**	164	31	24	21	76	**7**	102	22	131
+15 mins.	**15**	33	10	58	17	144	4	**165**	34	33	26	93	7	106	16	129
+30 mins.	9	**52**	**16**	**77**	17	125	6	148	**53**	**35**	**27**	**115**	7	**118**	19	**144**
+45 mins.	12	37	15	64	12	**148**	5	165	31	25	18	74	3	106	**27**	136
Total Volume	48	157	53	258	64	553	25	642	149	117	92	358	24	432	84	540
% App. Total	18.6	60.9	20.5		10	86.1	3.9		41.6	32.7	25.7		4.4	80	15.6	
PHF	.800	.755	.828	.838	.889	.934	.625	.973	.703	.836	.852	.778	.857	.915	.778	.938

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City of Irvine
N/S: SR-133 Southbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 316_IRV_133S_IrvB AM
Site Code : 05124139
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Groups Printed- Total Volume

	SR-133 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-133 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	1	33	47	65	202	0	267	0	0	0	0	0	153	37	190	504
07:15 AM	19	0	48	67	112	280	0	392	0	0	0	0	0	186	46	232	691
07:30 AM	12	0	60	72	138	341	0	479	0	0	0	0	0	287	72	359	910
07:45 AM	21	0	50	71	141	361	0	502	0	0	0	0	0	301	81	382	955
Total	65	1	191	257	456	1184	0	1640	0	0	0	0	0	927	236	1163	3060
08:00 AM	17	0	51	68	105	365	0	470	0	0	0	0	0	354	78	432	970
08:15 AM	22	0	42	64	107	358	0	465	0	0	0	0	0	315	56	371	900
08:30 AM	18	0	59	77	101	387	0	488	0	0	0	0	0	285	53	338	903
08:45 AM	20	0	35	55	86	273	0	359	0	0	0	0	0	278	60	338	752
Total	77	0	187	264	399	1383	0	1782	0	0	0	0	0	1232	247	1479	3525
Grand Total	142	1	378	521	855	2567	0	3422	0	0	0	0	0	2159	483	2642	6585
Apprch %	27.3	0.2	72.6		25	75	0		0	0	0		0	81.7	18.3		
Total %	2.2	0	5.7	7.9	13	39	0	52	0	0	0	0	0	32.8	7.3	40.1	

	SR-133 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-133 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	12	0	**60**	**72**	138	341	0	479	0	0	0	0	0	287	72	359	910
07:45 AM	21	0	50	71	**141**	361	0	**502**	0	0	0	0	0	301	**81**	382	955
08:00 AM	17	0	51	68	105	**365**	0	470	0	0	0	0	0	**354**	78	**432**	**970**
08:15 AM	**22**	0	42	64	107	358	0	465	0	0	0	0	0	315	56	371	900
Total Volume	72	0	203	275	491	1425	0	1916	0	0	0	0	0	1257	287	1544	3735
% App. Total	26.2	0	73.8		25.6	74.4	0		0	0	0		0	81.4	18.6		
PHF	.818	.000	.846	.955	.871	.976	.000	.954	.000	.000	.000	.000	.000	.888	.886	.894	.963

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File Name : 316_IRV_133S_IrvB AM
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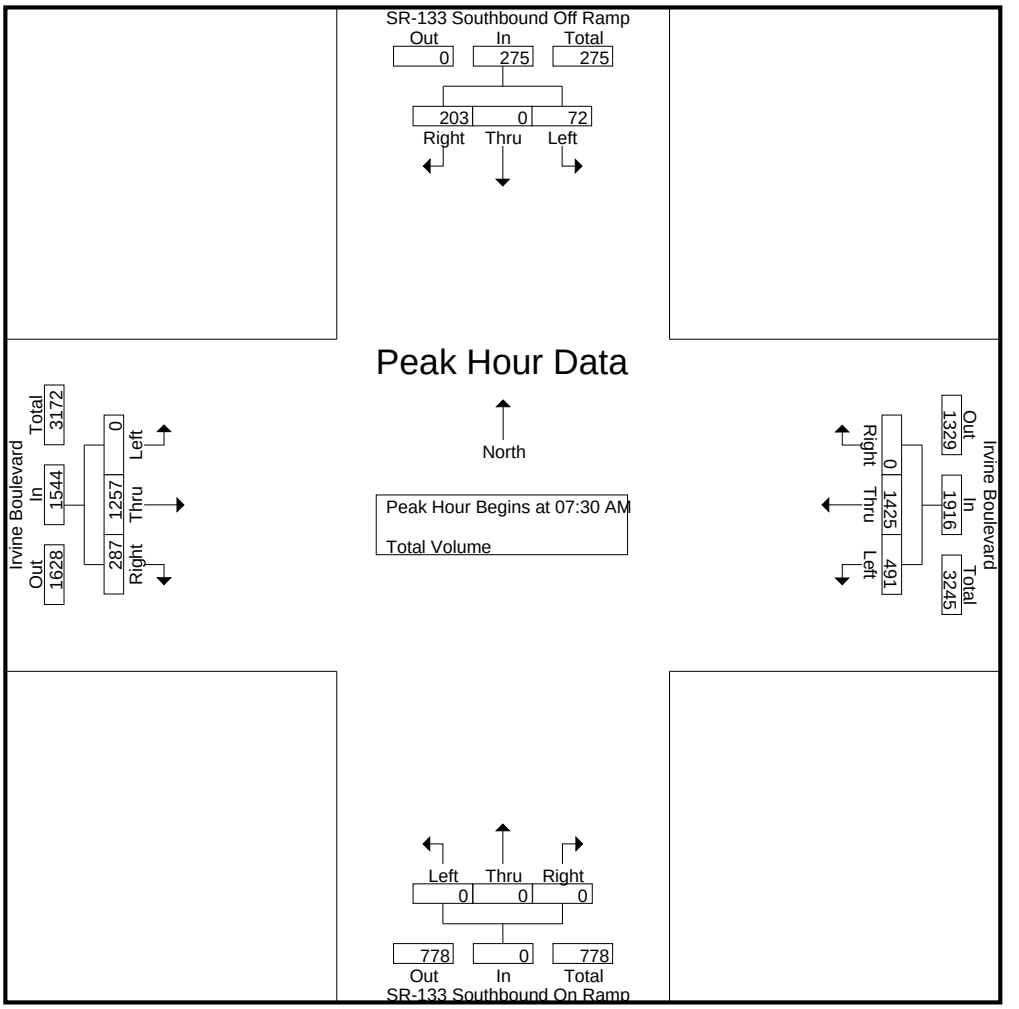

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:00 AM				07:30 AM			
+0 mins.	21	0	50	71	**141**	361	0	**502**	0	0	0	0	0	287	72	359
+15 mins.	17	0	51	68	105	365	0	470	0	0	0	0	0	301	**81**	382
+30 mins.	**22**	0	42	64	107	358	0	465	0	0	0	0	0	**354**	78	**432**
+45 mins.	18	0	**59**	**77**	101	**387**	0	488	0	0	0	0	0	315	56	371
Total Volume	78	0	202	280	454	1471	0	1925	0	0	0	0	0	1257	287	1544
% App. Total	27.9	0	72.1		23.6	76.4	0		0	0	0		0	81.4	18.6	
PHF	.886	.000	.856	.909	.805	.950	.000	.959	.000	.000	.000	.000	.000	.888	.886	.894

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City of Irvine
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File Name : 316_IRV_133S_IrvB PM
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Groups Printed- Total Volume

	SR-133 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-133 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	16	0	29	45	39	398	0	437	0	0	0	0	0	317	41	358	840
04:15 PM	36	0	51	87	43	440	0	483	0	0	0	0	0	361	33	394	964
04:30 PM	30	0	35	65	39	391	0	430	0	0	0	0	0	341	31	372	867
04:45 PM	27	0	40	67	35	444	0	479	0	0	0	0	0	339	31	370	916
Total	109	0	155	264	156	1673	0	1829	0	0	0	0	0	1358	136	1494	3587
05:00 PM	23	0	44	67	43	415	0	458	0	0	0	0	0	362	24	386	911
05:15 PM	29	0	49	78	34	460	0	494	0	0	0	0	0	382	32	414	986
05:30 PM	28	0	47	75	49	453	0	502	0	0	0	0	0	377	26	403	980
05:45 PM	29	0	40	69	45	357	0	402	0	0	0	0	0	355	27	382	853
Total	109	0	180	289	171	1685	0	1856	0	0	0	0	0	1476	109	1585	3730
Grand Total	218	0	335	553	327	3358	0	3685	0	0	0	0	0	2834	245	3079	7317
Apprch %	39.4	0	60.6		8.9	91.1	0		0	0	0		0	92	8		
Total %	3	0	4.6	7.6	4.5	45.9	0	50.4	0	0	0	0	0	38.7	3.3	42.1	

	SR-133 Southbound Off Ramp Southbound				Irvine Boulevard Westbound				SR-133 Southbound On Ramp Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	27	0	40	67	35	444	0	479	0	0	0	0	0	339	31	370	916
05:00 PM	23	0	44	67	43	415	0	458	0	0	0	0	0	362	24	386	911
05:15 PM	**29**	0	**49**	**78**	34	**460**	0	494	0	0	0	0	0	**382**	**32**	**414**	**986**
05:30 PM	28	0	47	75	**49**	453	0	**502**	0	0	0	0	0	377	26	403	980
Total Volume	107	0	180	287	161	1772	0	1933	0	0	0	0	0	1460	113	1573	3793
% App. Total	37.3	0	62.7		8.3	91.7	0		0	0	0		0	92.8	7.2		
PHF	.922	.000	.918	.920	.821	.963	.000	.963	.000	.000	.000	.000	.000	.955	.883	.950	.962

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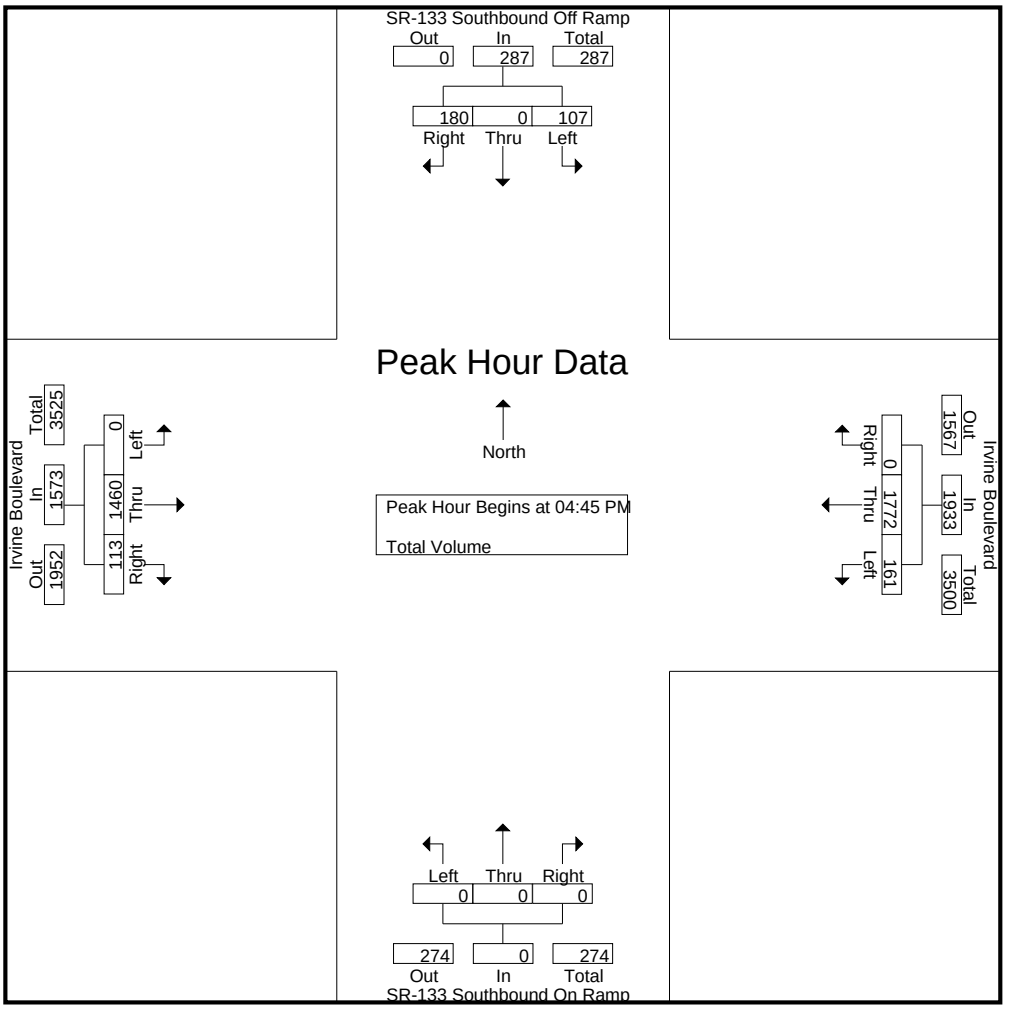

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	23	0	44	67	35	444	0	479	0	0	0	0	0	362	24	386
+15 mins.	**29**	0	**49**	**78**	43	415	0	458	0	0	0	0	0	**382**	**32**	**414**
+30 mins.	28	0	47	75	34	**460**	0	494	0	0	0	0	0	377	26	403
+45 mins.	29	0	40	69	**49**	453	0	**502**	0	0	0	0	0	355	27	382
Total Volume	109	0	180	289	161	1772	0	1933	0	0	0	0	0	1476	109	1585
% App. Total	37.7	0	62.3		8.3	91.7	0		0	0	0		0	93.1	6.9	
PHF	.940	.000	.918	.926	.821	.963	.000	.963	.000	.000	.000	.000	.000	.966	.852	.957

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Groups Printed- Total Volume

	SR-133 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-133 Northbound Ramps Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	234	15	249	26	0	21	47	0	152	13	165	461
07:15 AM	0	0	0	0	0	352	21	373	30	0	14	44	0	178	34	212	629
07:30 AM	0	0	0	0	0	415	37	452	49	0	28	77	0	266	41	307	836
07:45 AM	0	0	0	0	0	450	20	470	30	0	27	57	0	304	27	331	858
Total	0	0	0	0	0	1451	93	1544	135	0	90	225	0	900	115	1015	2784
08:00 AM	0	0	0	0	0	426	36	462	22	0	20	42	0	342	30	372	876
08:15 AM	0	0	0	0	0	442	35	477	16	0	40	56	0	321	24	345	878
08:30 AM	0	0	0	0	0	451	17	468	21	0	32	53	0	272	26	298	819
08:45 AM	0	0	0	0	0	330	25	355	16	0	22	38	0	274	22	296	689
Total	0	0	0	0	0	1649	113	1762	75	0	114	189	0	1209	102	1311	3262
Grand Total	0	0	0	0	0	3100	206	3306	210	0	204	414	0	2109	217	2326	6046
Apprch %	0	0	0		0	93.8	6.2		50.7	0	49.3		0	90.7	9.3		
Total %	0	0	0	0	0	51.3	3.4	54.7	3.5	0	3.4	6.8	0	34.9	3.6	38.5	

	SR-133 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-133 Northbound Ramps Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	415	**37**	452	**49**	0	28	**77**	0	266	**41**	307	836
07:45 AM	0	0	0	0	0	**450**	20	470	30	0	27	57	0	304	27	331	858
08:00 AM	0	0	0	0	0	426	36	462	22	0	20	42	0	**342**	30	**372**	876
08:15 AM	0	0	0	0	0	442	35	**477**	16	0	**40**	56	0	321	24	345	**878**
Total Volume	0	0	0	0	0	1733	128	1861	117	0	115	232	0	1233	122	1355	3448
% App. Total	0	0	0		0	93.1	6.9		50.4	0	49.6		0	91	9		
PHF	.000	.000	.000	.000	.000	.963	.865	.975	.597	.000	.719	.753	.000	.901	.744	.911	.982

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City of Irvine
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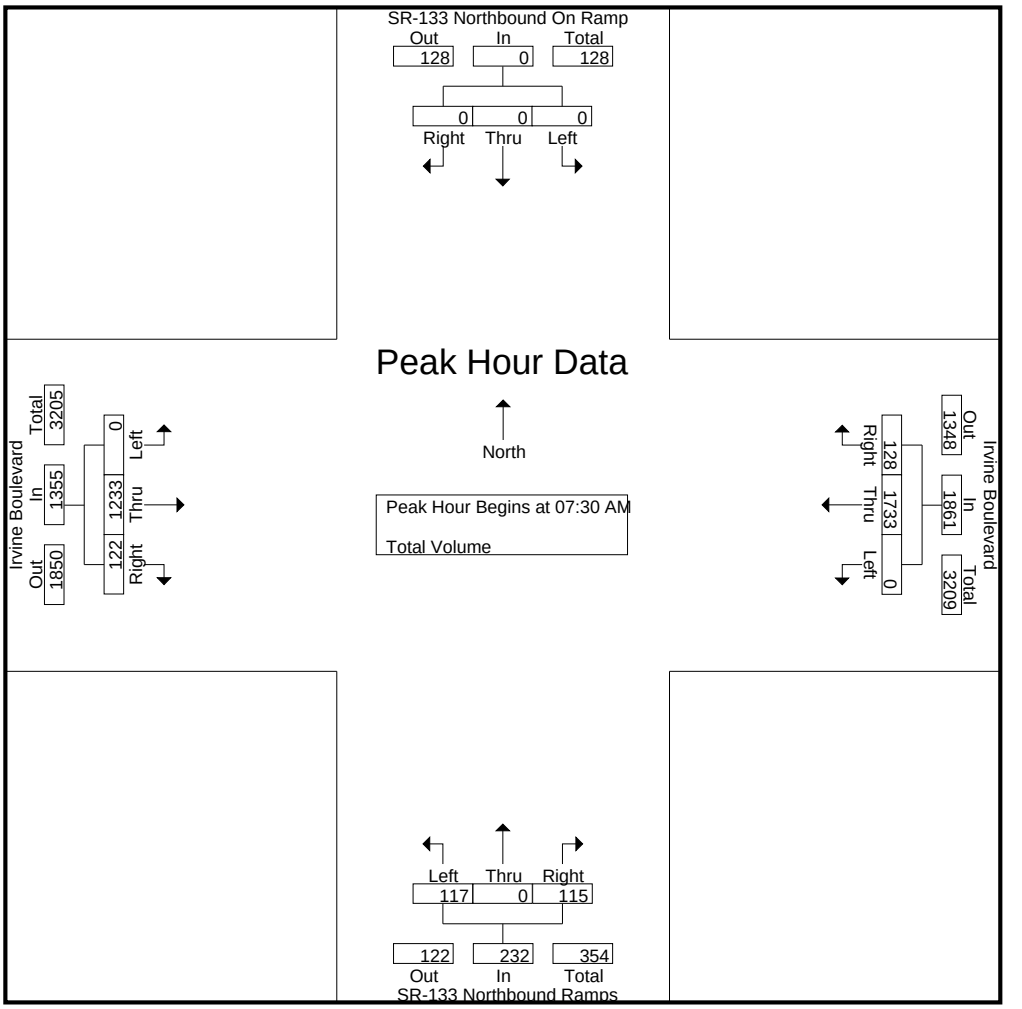

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	450	20	470	**49**	0	28	**77**	0	266	**41**	307
+15 mins.	0	0	0	0	0	426	**36**	462	30	0	27	57	0	304	27	331
+30 mins.	0	0	0	0	0	442	35	**477**	22	0	20	42	0	**342**	30	**372**
+45 mins.	0	0	0	0	0	**451**	17	468	16	0	**40**	56	0	321	24	345
Total Volume	0	0	0	0	0	1769	108	1877	117	0	115	232	0	1233	122	1355
% App. Total	0	0	0		0	94.2	5.8		50.4	0	49.6		0	91	9	
PHF	.000	.000	.000	.000	.000	.981	.750	.984	.597	.000	.719	.753	.000	.901	.744	.911

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City of Irvine
N/S: SR-133 Northbound Ramps
E/W: Irvine Boulevard
Weather: Clear

File Name : 317_IRV_133N_IrvB PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-133 Northbound Ramps Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	378	15	393	50	0	61	111	0	307	35	342	846
04:15 PM	0	0	0	0	0	392	29	421	52	0	73	125	0	356	40	396	942
04:30 PM	0	0	0	0	0	370	20	390	41	0	75	116	0	334	44	378	884
04:45 PM	0	0	0	0	0	420	24	444	57	0	78	135	0	335	44	379	958
Total	0	0	0	0	0	1560	88	1648	200	0	287	487	0	1332	163	1495	3630
05:00 PM	0	0	0	0	0	405	19	424	57	0	85	142	0	355	42	397	963
05:15 PM	0	0	0	0	0	440	28	468	52	0	102	154	0	376	53	429	1051
05:30 PM	0	0	0	0	0	439	15	454	45	0	85	130	0	394	43	437	1021
05:45 PM	0	0	0	0	0	346	13	359	59	0	95	154	0	373	34	407	920
Total	0	0	0	0	0	1630	75	1705	213	0	367	580	0	1498	172	1670	3955
Grand Total	0	0	0	0	0	3190	163	3353	413	0	654	1067	0	2830	335	3165	7585
Apprch %	0	0	0		0	95.1	4.9		38.7	0	61.3		0	89.4	10.6		
Total %	0	0	0	0	0	42.1	2.1	44.2	5.4	0	8.6	14.1	0	37.3	4.4	41.7	

	SR-133 Northbound On Ramp Southbound				Irvine Boulevard Westbound				SR-133 Northbound Ramps Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	420	24	444	**57**	0	78	135	0	335	44	379	958
05:00 PM	0	0	0	0	0	405	19	424	57	0	85	142	0	355	42	397	963
05:15 PM	0	0	0	0	0	**440**	**28**	**468**	52	0	**102**	**154**	0	376	**53**	429	**1051**
05:30 PM	0	0	0	0	0	439	15	454	45	0	85	130	0	**394**	43	**437**	1021
Total Volume	0	0	0	0	0	1704	86	1790	211	0	350	561	0	1460	182	1642	3993
% App. Total	0	0	0		0	95.2	4.8		37.6	0	62.4		0	88.9	11.1		
PHF	.000	.000	.000	.000	.000	.968	.768	.956	.925	.000	.858	.911	.000	.926	.858	.939	.950

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City of Irvine
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E/W: Irvine Boulevard
Weather: Clear

File Name : 317_IRV_133N_IrvB PM
Site Code : 05124139
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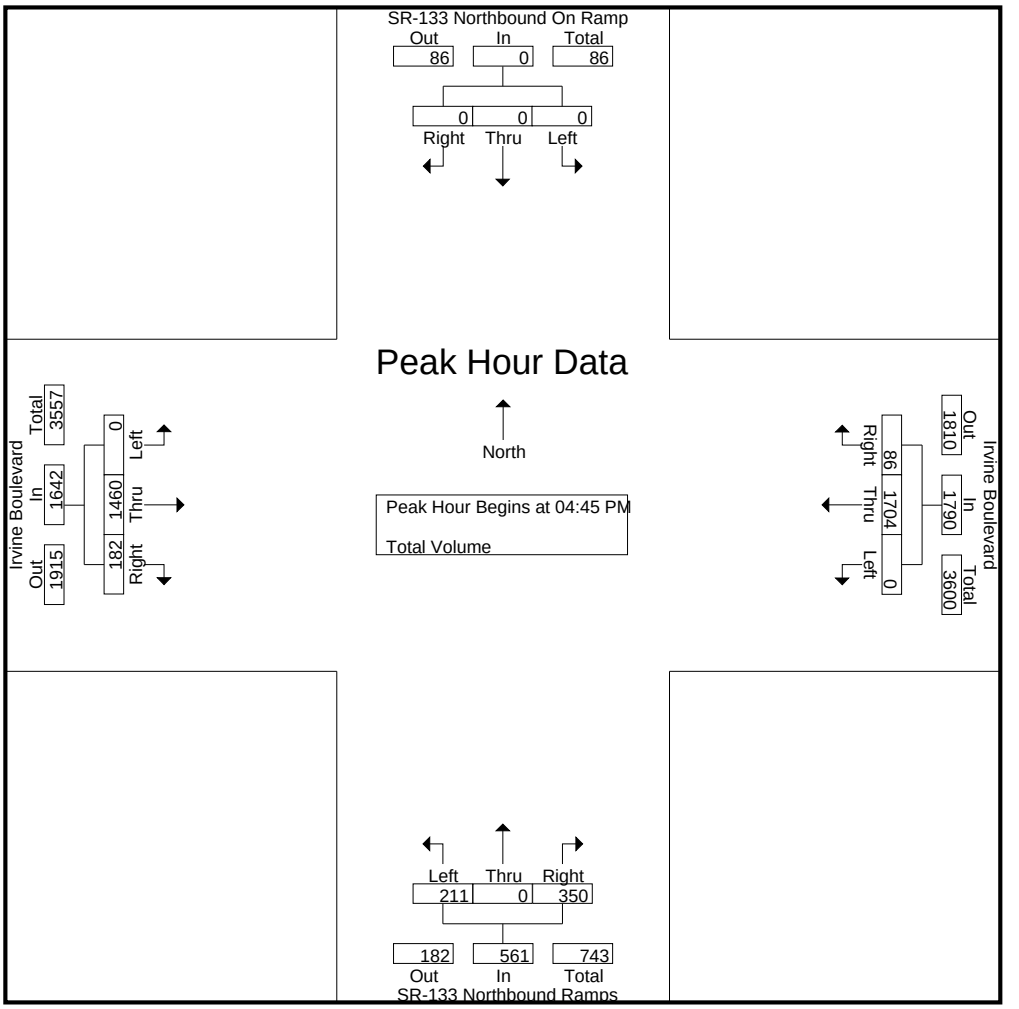

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	420	24	444	57	0	85	142	0	355	42	397
+15 mins.	0	0	0	0	0	405	19	424	52	0	**102**	**154**	0	376	**53**	429
+30 mins.	0	0	0	0	0	**440**	**28**	**468**	45	0	85	130	0	**394**	43	**437**
+45 mins.	0	0	0	0	0	439	15	454	**59**	0	95	154	0	373	34	407
Total Volume	0	0	0	0	0	1704	86	1790	213	0	367	580	0	1498	172	1670
% App. Total	0	0	0		0	95.2	4.8		36.7	0	63.3		0	89.7	10.3	
PHF	.000	.000	.000	.000	.000	.968	.768	.956	.903	.000	.900	.942	.000	.951	.811	.955

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City of Irvine
N/S: SR-133 SB Ramps/Banting
E/W: Barranca Parkway
Weather: Clear

File Name : 318_IRV_Bant_Bar AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Southbound Ramps Southbound				Barranca Parkway Westbound				Banting Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	45	56	76	177	0	33	22	55	0	0	3	3	10	25	3	38	273
07:15 AM	61	51	72	184	1	51	26	78	1	0	2	3	4	41	0	45	310
07:30 AM	89	60	106	255	2	71	21	94	1	1	3	5	3	45	0	48	402
07:45 AM	123	92	138	353	4	106	33	143	4	0	0	4	3	60	3	66	566
Total	318	259	392	969	7	261	102	370	6	1	8	15	20	171	6	197	1551
08:00 AM	126	110	119	355	0	101	28	129	8	1	1	10	4	49	5	58	552
08:15 AM	118	105	130	353	2	106	34	142	4	1	0	5	6	46	3	55	555
08:30 AM	113	85	113	311	3	137	26	166	5	1	4	10	4	83	9	96	583
08:45 AM	106	101	136	343	9	85	33	127	4	1	3	8	8	75	2	85	563
Total	463	401	498	1362	14	429	121	564	21	4	8	33	22	253	19	294	2253
Grand Total	781	660	890	2331	21	690	223	934	27	5	16	48	42	424	25	491	3804
Apprch %	33.5	28.3	38.2		2.2	73.9	23.9		56.2	10.4	33.3		8.6	86.4	5.1		
Total %	20.5	17.4	23.4	61.3	0.6	18.1	5.9	24.6	0.7	0.1	0.4	1.3	1.1	11.1	0.7	12.9	

	SR-133 Southbound Ramps Southbound				Barranca Parkway Westbound				Banting Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	123	92	**138**	353	**4**	106	33	143	4	0	0	4	3	60	3	66	566
08:00 AM	**126**	**110**	119	**355**	0	101	28	129	**8**	**1**	1	**10**	4	49	5	58	552
08:15 AM	118	105	130	353	2	106	**34**	142	4	1	0	5	**6**	46	3	55	555
08:30 AM	113	85	113	311	3	**137**	26	**166**	5	1	**4**	10	4	**83**	**9**	**96**	**583**
Total Volume	480	392	500	1372	9	450	121	580	21	3	5	29	17	238	20	275	2256
% App. Total	35	28.6	36.4		1.6	77.6	20.9		72.4	10.3	17.2		6.2	86.5	7.3		
PHF	.952	.891	.906	.966	.563	.821	.890	.873	.656	.750	.313	.725	.708	.717	.556	.716	.967

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City of Irvine
N/S: SR-133 SB Ramps/Banting
E/W: Barranca Parkway
Weather: Clear

File Name : 318_IRV_Bant_Bar AM
Site Code : 05124139
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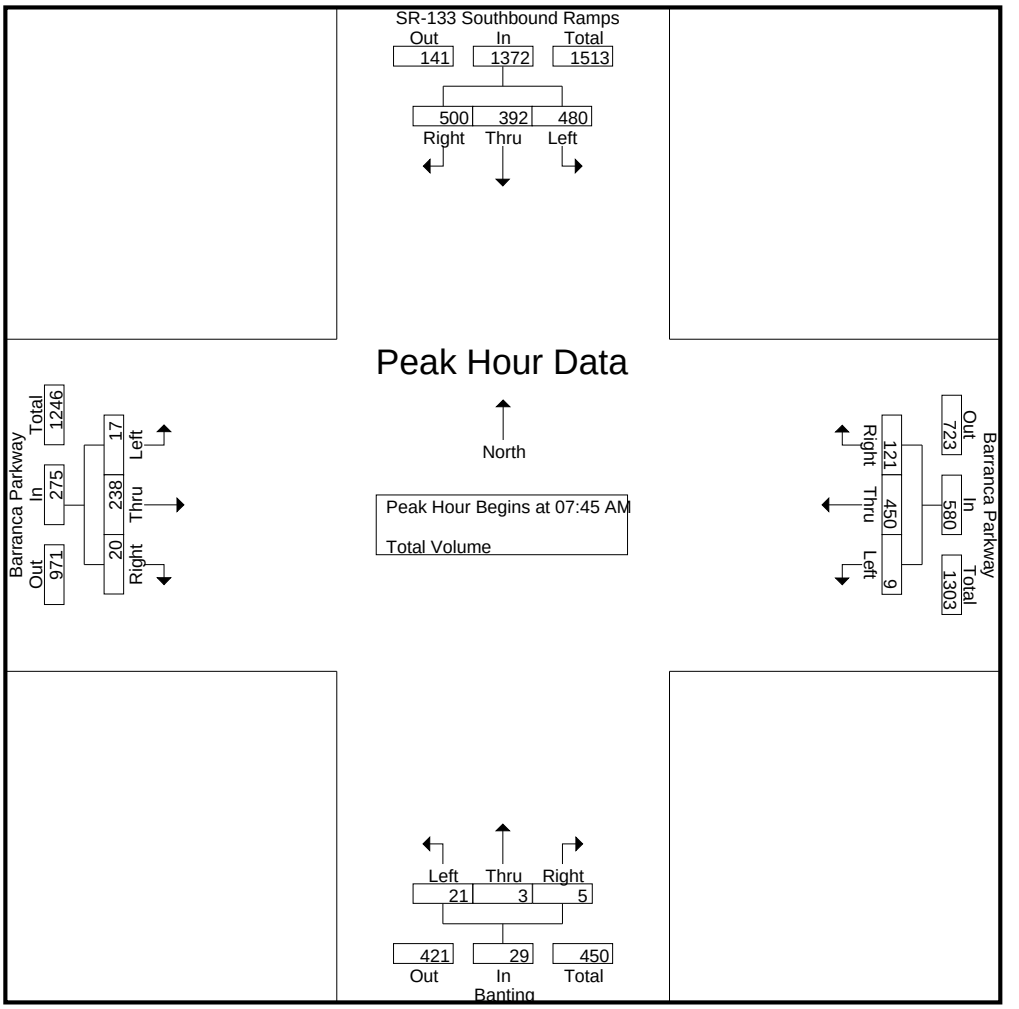

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	123	92	**138**	353	**4**	106	33	143	**8**	**1**	1	**10**	4	49	5	58
+15 mins.	**126**	**110**	119	**355**	0	101	28	129	4	1	0	5	6	46	3	55
+30 mins.	118	105	130	353	2	106	**34**	142	5	1	**4**	10	4	**83**	**9**	**96**
+45 mins.	113	85	113	311	3	**137**	26	**166**	4	1	3	8	**8**	75	2	85
Total Volume	480	392	500	1372	9	450	121	580	21	4	8	33	22	253	19	294
% App. Total	35	28.6	36.4		1.6	77.6	20.9		63.6	12.1	24.2		7.5	86.1	6.5	
PHF	.952	.891	.906	.966	.563	.821	.890	.873	.656	1.000	.500	.825	.688	.762	.528	.766

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City of Irvine
N/S: SR-133 SB Ramps/Banting
E/W: Barranca Parkway
Weather: Clear

File Name : 318_IRV_Bant_Bar PM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	SR-133 Southbound Ramps Southbound				Barranca Parkway Westbound				Banting Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	31	20	19	70	0	86	152	238	3	9	5	17	24	90	4	118	443
04:15 PM	24	23	27	74	3	61	134	198	4	7	4	15	25	108	3	136	423
04:30 PM	25	15	24	64	0	90	139	229	7	11	6	24	29	123	2	154	471
04:45 PM	33	31	23	87	1	98	146	245	4	5	3	12	21	100	2	123	467
Total	113	89	93	295	4	335	571	910	18	32	18	68	99	421	11	531	1804
05:00 PM	26	18	31	75	2	102	171	275	6	13	5	24	45	189	4	238	612
05:15 PM	35	21	59	115	3	109	138	250	6	5	5	16	38	122	5	165	546
05:30 PM	28	39	44	111	0	115	159	274	6	2	5	13	25	155	4	184	582
05:45 PM	30	37	35	102	1	93	126	220	2	3	4	9	33	118	2	153	484
Total	119	115	169	403	6	419	594	1019	20	23	19	62	141	584	15	740	2224
Grand Total	232	204	262	698	10	754	1165	1929	38	55	37	130	240	1005	26	1271	4028
Apprch %	33.2	29.2	37.5		0.5	39.1	60.4		29.2	42.3	28.5		18.9	79.1	2		
Total %	5.8	5.1	6.5	17.3	0.2	18.7	28.9	47.9	0.9	1.4	0.9	3.2	6	25	0.6	31.6	

	SR-133 Southbound Ramps Southbound				Barranca Parkway Westbound				Banting Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	26	18	31	75	2	102	**171**	**275**	**6**	**13**	**5**	**24**	**45**	**189**	4	**238**	**612**
05:15 PM	**35**	21	**59**	**115**	**3**	109	138	250	6	5	5	16	38	122	**5**	165	546
05:30 PM	28	**39**	44	111	0	**115**	159	274	6	2	5	13	25	155	4	184	582
05:45 PM	30	37	35	102	1	93	126	220	2	3	4	9	33	118	2	153	484
Total Volume	119	115	169	403	6	419	594	1019	20	23	19	62	141	584	15	740	2224
% App. Total	29.5	28.5	41.9		0.6	41.1	58.3		32.3	37.1	30.6		19.1	78.9	2		
PHF	.850	.737	.716	.876	.500	.911	.868	.926	.833	.442	.950	.646	.783	.772	.750	.777	.908

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City of Irvine
N/S: SR-133 SB Ramps/Banting
E/W: Barranca Parkway
Weather: Clear

File Name : 318_IRV_Bant_Bar PM
Site Code : 05124139
Start Date : 2/8/2024
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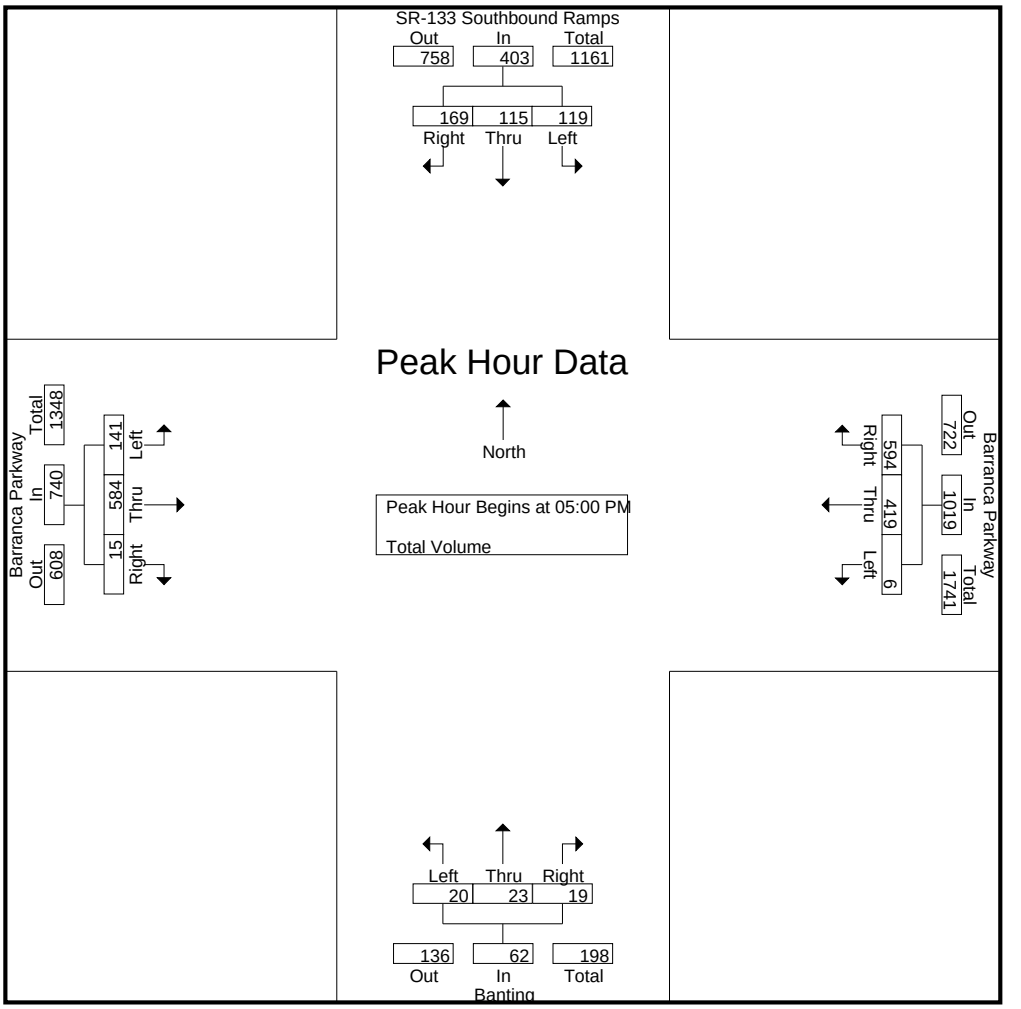

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				05:00 PM			
+0 mins.	26	18	31	75	1	98	146	245	**7**	11	**6**	**24**	**45**	**189**	4	**238**
+15 mins.	**35**	21	**59**	**115**	2	102	**171**	**275**	4	5	3	12	38	122	**5**	165
+30 mins.	28	**39**	44	111	**3**	109	138	250	6	**13**	5	24	25	155	4	184
+45 mins.	30	37	35	102	0	**115**	159	274	6	5	5	16	33	118	2	153
Total Volume	119	115	169	403	6	424	614	1044	23	34	19	76	141	584	15	740
% App. Total	29.5	28.5	41.9		0.6	40.6	58.8		30.3	44.7	25		19.1	78.9	2	
PHF	.850	.737	.716	.876	.500	.922	.898	.949	.821	.654	.792	.792	.783	.772	.750	.777

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City of Irvine
N/S: Banting
E/W: Alton Parkway
Weather: Clear

File Name : 319_IRV_Bant_Alton AM
Site Code : 05124139
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Groups Printed- Total Volume

	Banting Southbound				Alton Parkway Westbound				Banting Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	4	42	54	2	46	3	51	0	0	1	1	4	34	3	41	147
07:15 AM	8	3	34	45	6	69	4	79	0	0	0	0	2	50	2	54	178
07:30 AM	7	4	49	60	0	88	3	91	2	0	0	2	3	62	1	66	219
07:45 AM	18	7	69	94	3	186	8	197	0	0	0	0	0	55	4	59	350
Total	41	18	194	253	11	389	18	418	2	0	1	3	9	201	10	220	894
08:00 AM	26	12	71	109	7	190	6	203	1	1	1	3	2	93	6	101	416
08:15 AM	15	15	69	99	9	143	6	158	0	0	1	1	2	106	6	114	372
08:30 AM	28	14	58	100	10	216	3	229	0	2	3	5	4	107	4	115	449
08:45 AM	30	19	71	120	12	169	7	188	1	0	0	1	2	86	5	93	402
Total	99	60	269	428	38	718	22	778	2	3	5	10	10	392	21	423	1639
Grand Total	140	78	463	681	49	1107	40	1196	4	3	6	13	19	593	31	643	2533
Apprch %	20.6	11.5	68		4.1	92.6	3.3		30.8	23.1	46.2		3	92.2	4.8		
Total %	5.5	3.1	18.3	26.9	1.9	43.7	1.6	47.2	0.2	0.1	0.2	0.5	0.8	23.4	1.2	25.4	

	Banting Southbound				Alton Parkway Westbound				Banting Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	26	12	**71**	109	7	190	6	203	**1**	1	1	3	2	93	**6**	101	416
08:15 AM	15	15	69	99	9	143	6	158	0	0	1	1	2	106	6	114	372
08:30 AM	28	14	58	100	10	**216**	3	**229**	0	**2**	**3**	**5**	**4**	**107**	4	**115**	**449**
08:45 AM	**30**	**19**	71	**120**	**12**	169	**7**	188	1	0	0	1	2	86	5	93	402
Total Volume	99	60	269	428	38	718	22	778	2	3	5	10	10	392	21	423	1639
% App. Total	23.1	14	62.9		4.9	92.3	2.8		20	30	50		2.4	92.7	5		
PHF	.825	.789	.947	.892	.792	.831	.786	.849	.500	.375	.417	.500	.625	.916	.875	.920	.913

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City of Irvine
N/S: Banting
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Site Code : 05124139
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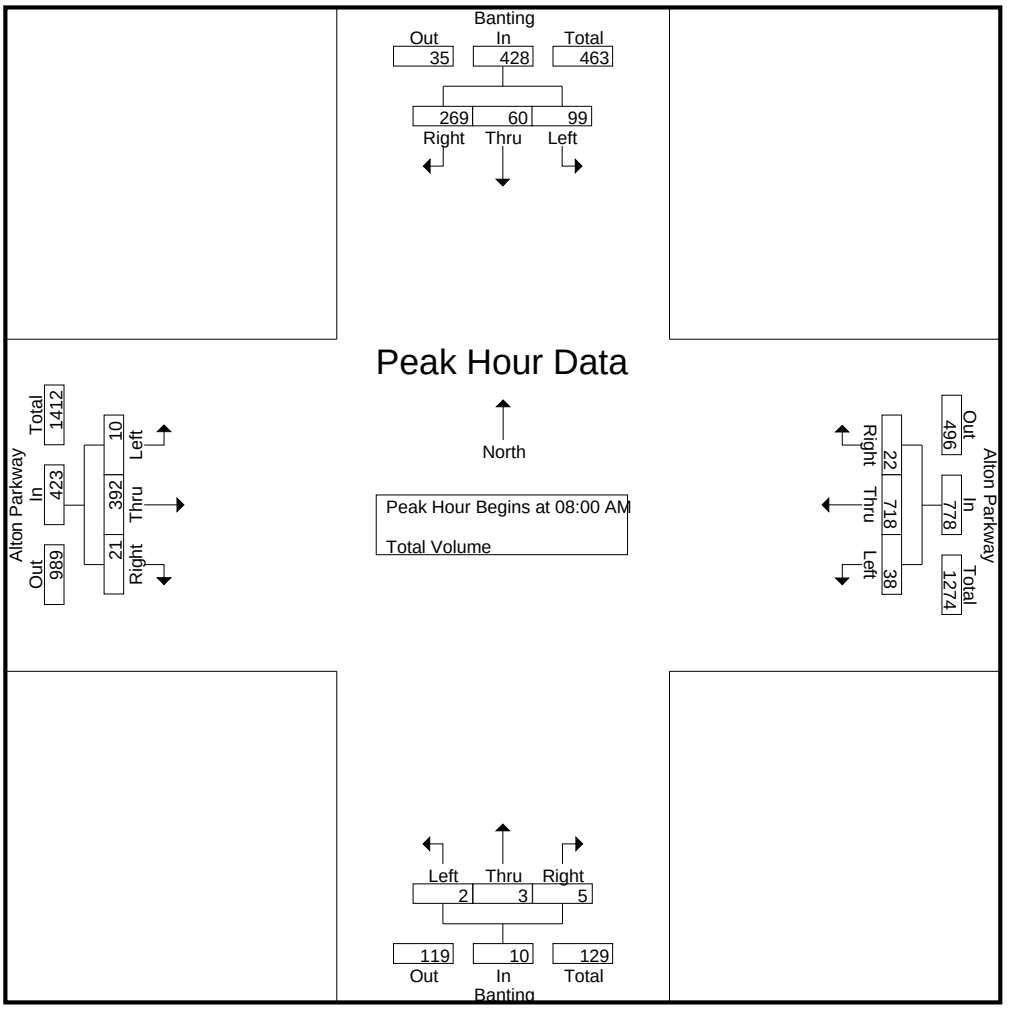

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	26	12	**71**	109	3	186	**8**	197	**1**	1	1	3	2	93	**6**	101
+15 mins.	15	15	69	99	7	190	6	203	0	0	1	1	2	106	6	114
+30 mins.	28	14	58	100	9	143	6	158	0	**2**	**3**	**5**	**4**	**107**	4	**115**
+45 mins.	**30**	**19**	71	**120**	**10**	**216**	3	**229**	1	0	0	1	2	86	5	93
Total Volume	99	60	269	428	29	735	23	787	2	3	5	10	10	392	21	423
% App. Total	23.1	14	62.9		3.7	93.4	2.9		20	30	50		2.4	92.7	5	
PHF	.825	.789	.947	.892	.725	.851	.719	.859	.500	.375	.417	.500	.625	.916	.875	.920

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City of Irvine
N/S: Banting
E/W: Alton Parkway
Weather: Clear

File Name : 319_IRV_Bant_Alton PM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Banting Southbound				Alton Parkway Westbound				Banting Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	18	2	7	27	1	106	2	109	1	9	6	16	3	135	1	139	291
04:15 PM	19	2	2	23	2	123	0	125	3	5	11	19	4	136	1	141	308
04:30 PM	10	1	9	20	1	126	5	132	1	14	14	29	5	156	0	161	342
04:45 PM	17	2	13	32	0	114	2	116	6	4	13	23	4	145	2	151	322
Total	64	7	31	102	4	469	9	482	11	32	44	87	16	572	4	592	1263
05:00 PM	21	0	4	25	1	133	0	134	2	9	21	32	6	199	1	206	397
05:15 PM	15	1	3	19	1	131	6	138	3	8	10	21	2	163	0	165	343
05:30 PM	33	3	13	49	0	161	2	163	1	5	7	13	4	192	0	196	421
05:45 PM	23	0	13	36	0	96	3	99	1	1	8	10	4	136	0	140	285
Total	92	4	33	129	2	521	11	534	7	23	46	76	16	690	1	707	1446
Grand Total	156	11	64	231	6	990	20	1016	18	55	90	163	32	1262	5	1299	2709
Apprch %	67.5	4.8	27.7		0.6	97.4	2		11	33.7	55.2		2.5	97.2	0.4		
Total %	5.8	0.4	2.4	8.5	0.2	36.5	0.7	37.5	0.7	2	3.3	6	1.2	46.6	0.2	48	

	Banting Southbound				Alton Parkway Westbound				Banting Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	17	2	**13**	32	0	114	2	116	**6**	4	13	23	4	145	**2**	151	322
05:00 PM	21	0	4	25	**1**	133	0	134	2	**9**	**21**	**32**	**6**	**199**	1	**206**	397
05:15 PM	15	1	3	19	1	131	**6**	138	3	8	10	21	2	163	0	165	343
05:30 PM	**33**	**3**	13	**49**	0	**161**	2	**163**	1	5	7	13	4	192	0	196	**421**
Total Volume	86	6	33	125	2	539	10	551	12	26	51	89	16	699	3	718	1483
% App. Total	68.8	4.8	26.4		0.4	97.8	1.8		13.5	29.2	57.3		2.2	97.4	0.4		
PHF	.652	.500	.635	.638	.500	.837	.417	.845	.500	.722	.607	.695	.667	.878	.375	.871	.881

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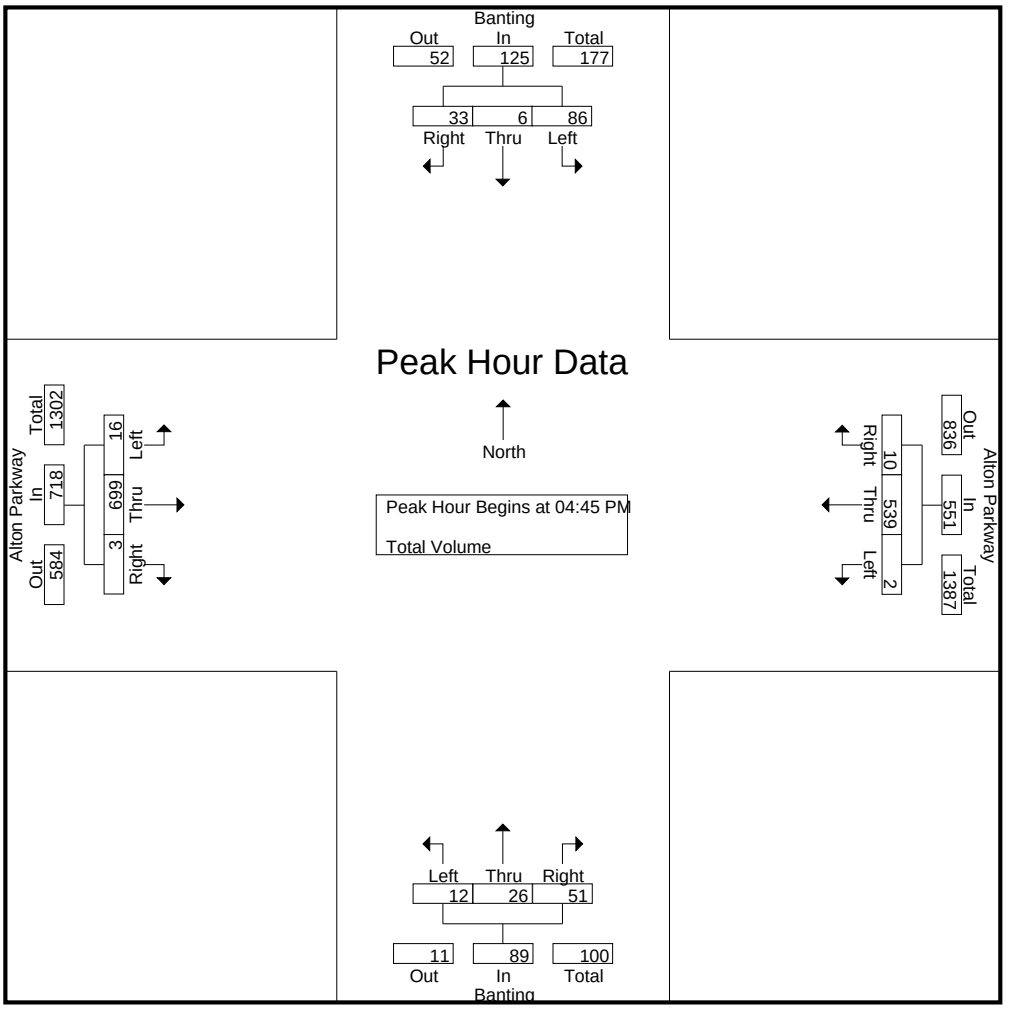
City of Irvine
N/S: Banting
E/W: Alton Parkway
Weather: Clear

File Name : 319_IRV_Bant_Alton PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				04:45 PM			
+0 mins.	21	0	4	25	0	114	2	116	1	**14**	14	29	4	145	**2**	151
+15 mins.	15	1	3	19	**1**	133	0	134	**6**	4	13	23	**6**	**199**	1	**206**
+30 mins.	**33**	**3**	**13**	**49**	1	131	**6**	138	2	9	**21**	**32**	2	163	0	165
+45 mins.	23	0	13	36	0	**161**	2	**163**	3	8	10	21	4	192	0	196
Total Volume	92	4	33	129	2	539	10	551	12	35	58	105	16	699	3	718
% App. Total	71.3	3.1	25.6		0.4	97.8	1.8		11.4	33.3	55.2		2.2	97.4	0.4	
PHF	.697	.333	.635	.658	.500	.837	.417	.845	.500	.625	.690	.820	.667	.878	.375	.871

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City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Tues AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	36	0	13	49	5	332	37	374	2	1	15	18	18	402	0	420	861
07:15 AM	49	2	10	61	7	363	42	412	1	3	24	28	38	582	2	622	1123
07:30 AM	54	0	29	83	11	389	89	489	4	4	34	42	57	612	1	670	1284
07:45 AM	47	2	30	79	12	376	139	527	7	32	54	93	154	607	2	763	1462
Total	186	4	82	272	35	1460	307	1802	14	40	127	181	267	2203	5	2475	4730
08:00 AM	54	18	57	129	19	377	146	542	3	37	47	87	159	493	0	652	1410
08:15 AM	65	21	67	153	24	408	152	584	4	17	31	52	104	491	5	600	1389
08:30 AM	44	9	61	114	27	442	162	631	0	14	36	50	115	509	6	630	1425
08:45 AM	43	8	46	97	26	392	169	587	2	5	27	34	106	481	4	591	1309
Total	206	56	231	493	96	1619	629	2344	9	73	141	223	484	1974	15	2473	5533
Grand Total	392	60	313	765	131	3079	936	4146	23	113	268	404	751	4177	20	4948	10263
Apprch %	51.2	7.8	40.9		3.2	74.3	22.6		5.7	28	66.3		15.2	84.4	0.4		
Total %	3.8	0.6	3	7.5	1.3	30	9.1	40.4	0.2	1.1	2.6	3.9	7.3	40.7	0.2	48.2	

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	47	2	30	79	12	376	139	527	**7**	32	**54**	**93**	154	**607**	2	**763**	**1462**
08:00 AM	54	18	57	129	19	377	146	542	3	**37**	47	87	**159**	493	0	652	1410
08:15 AM	**65**	**21**	**67**	**153**	24	408	152	584	4	17	31	52	104	491	5	600	1389
08:30 AM	44	9	61	114	**27**	**442**	**162**	**631**	0	14	36	50	115	509	**6**	630	1425
Total Volume	210	50	215	475	82	1603	599	2284	14	100	168	282	532	2100	13	2645	5686
% App. Total	44.2	10.5	45.3		3.6	70.2	26.2		5	35.5	59.6		20.1	79.4	0.5		
PHF	.808	.595	.802	.776	.759	.907	.924	.905	.500	.676	.778	.758	.836	.865	.542	.867	.972

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City of Irvine
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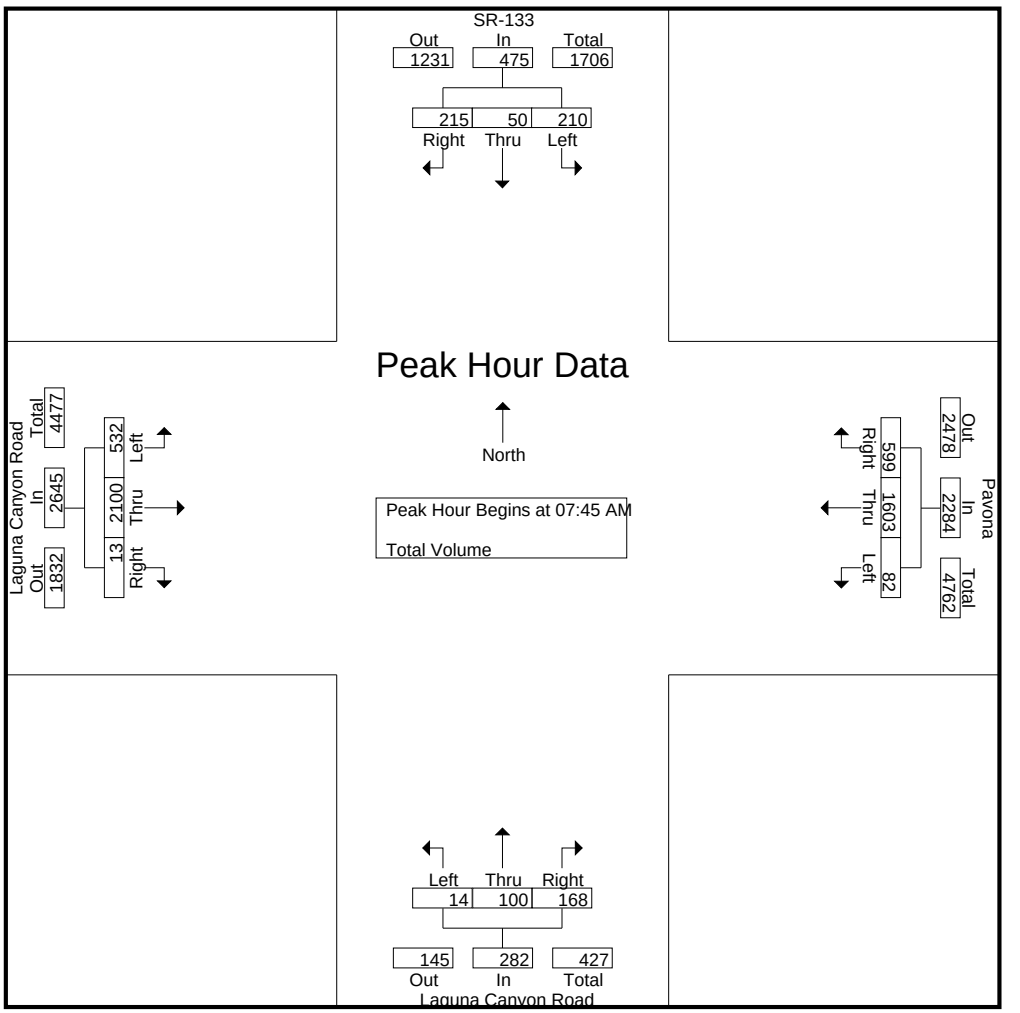
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Tues AM
Site Code : 19224028
Start Date : 1/23/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				07:15 AM			
+0 mins.	54	18	57	129	19	377	146	542	**7**	32	**54**	**93**	38	582	**2**	622
+15 mins.	**65**	**21**	**67**	**153**	24	408	152	584	3	**37**	47	87	57	**612**	1	670
+30 mins.	44	9	61	114	**27**	**442**	162	**631**	4	17	31	52	154	607	2	**763**
+45 mins.	43	8	46	97	26	392	**169**	587	0	14	36	50	**159**	493	0	652
Total Volume	206	56	231	493	96	1619	629	2344	14	100	168	282	408	2294	5	2707
% App. Total	41.8	11.4	46.9		4.1	69.1	26.8		5	35.5	59.6		15.1	84.7	0.2	
PHF	.792	.667	.862	.806	.889	.916	.930	.929	.500	.676	.778	.758	.642	.937	.625	.887

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City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	15	362	57	434	2	6	11	19	42	522	5	569	61	7	69	137	1159
04:15 PM	29	469	68	566	2	6	17	25	44	568	5	617	66	12	71	149	1357
04:30 PM	26	459	62	547	3	5	15	23	42	511	3	556	72	11	75	158	1284
04:45 PM	23	465	67	555	5	3	26	34	55	498	4	557	59	8	72	139	1285
Total	93	1755	254	2102	12	20	69	101	183	2099	17	2299	258	38	287	583	5085
05:00 PM	29	487	73	589	2	3	23	28	40	581	5	626	105	7	102	214	1457
05:15 PM	31	503	75	609	2	10	30	42	58	621	9	688	104	12	78	194	1533
05:30 PM	35	499	83	617	1	3	20	24	44	587	2	633	98	9	77	184	1458
05:45 PM	34	466	78	578	2	7	14	23	45	560	4	609	76	10	71	157	1367
Total	129	1955	309	2393	7	23	87	117	187	2349	20	2556	383	38	328	749	5815
06:00 PM	39	358	80	477	0	7	20	27	41	416	3	460	81	14	86	181	1145
06:15 PM	41	361	58	460	3	2	22	27	34	386	4	424	61	11	41	113	1024
Grand Total	302	4429	701	5432	22	52	198	272	445	5250	44	5739	783	101	742	1626	13069
Apprch %	5.6	81.5	12.9		8.1	19.1	72.8		7.8	91.5	0.8		48.2	6.2	45.6		
Total %	2.3	33.9	5.4	41.6	0.2	0.4	1.5	2.1	3.4	40.2	0.3	43.9	6	0.8	5.7	12.4	

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	29	487	73	589	**2**	3	23	28	40	581	5	626	**105**	7	**102**	**214**	1457
05:15 PM	31	**503**	75	609	2	**10**	**30**	**42**	**58**	**621**	**9**	**688**	104	**12**	78	194	**1533**
05:30 PM	**35**	499	**83**	**617**	1	3	20	24	44	587	2	633	98	9	77	184	1458
05:45 PM	34	466	78	578	2	7	14	23	45	560	4	609	76	10	71	157	1367
Total Volume	129	1955	309	2393	7	23	87	117	187	2349	20	2556	383	38	328	749	5815
% App. Total	5.4	81.7	12.9		6	19.7	74.4		7.3	91.9	0.8		51.1	5.1	43.8		
PHF	.921	.972	.931	.970	.875	.575	.725	.696	.806	.946	.556	.929	.912	.792	.804	.875	.948

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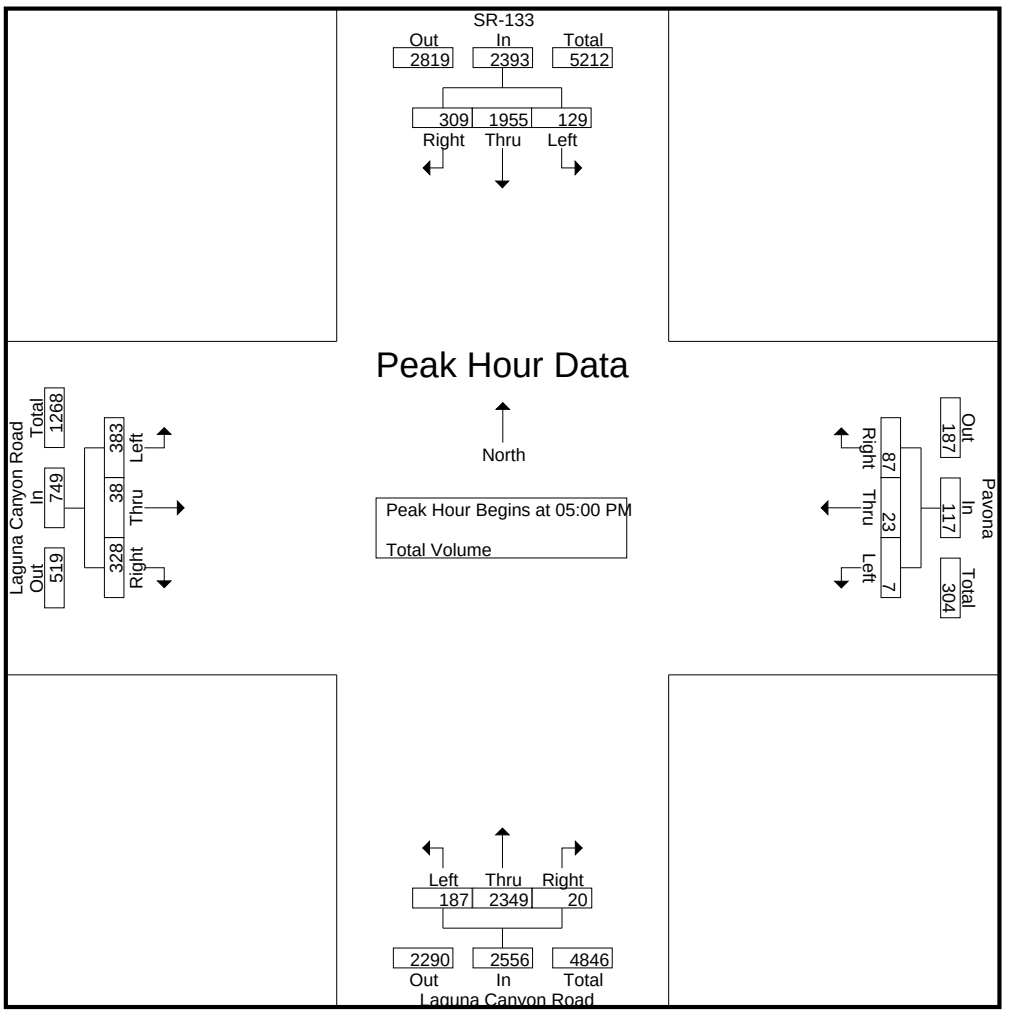
City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	29	487	73	589	**5**	3	26	34	40	581	5	626	**105**	7	**102**	**214**
+15 mins.	31	**503**	75	609	2	3	23	28	**58**	**621**	**9**	**688**	104	**12**	78	194
+30 mins.	**35**	499	**83**	**617**	2	**10**	**30**	**42**	44	587	2	633	98	9	77	184
+45 mins.	34	466	78	578	1	3	20	24	45	560	4	609	76	10	71	157
Total Volume	129	1955	309	2393	10	19	99	128	187	2349	20	2556	383	38	328	749
% App. Total	5.4	81.7	12.9		7.8	14.8	77.3		7.3	91.9	0.8		51.1	5.1	43.8	
PHF	.921	.972	.931	.970	.500	.475	.825	.762	.806	.946	.556	.929	.912	.792	.804	.875

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City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	306	45	352	0	1	22	23	20	397	0	417	39	2	14	55	847
07:15 AM	12	367	53	432	2	3	18	23	32	527	1	560	55	1	12	68	1083
07:30 AM	9	381	48	438	5	6	27	38	60	587	2	649	44	4	27	75	1200
07:45 AM	13	409	101	523	7	36	45	88	124	586	6	716	44	0	31	75	1402
Total	35	1463	247	1745	14	46	112	172	236	2097	9	2342	182	7	84	273	4532
08:00 AM	5	357	117	479	5	35	38	78	148	508	2	658	60	16	59	135	1350
08:15 AM	31	393	159	583	1	17	36	54	101	564	2	667	58	22	76	156	1460
08:30 AM	30	371	173	574	3	9	35	47	92	519	5	616	41	11	43	95	1332
08:45 AM	21	362	187	570	1	7	31	39	93	501	5	599	34	3	28	65	1273
Total	87	1483	636	2206	10	68	140	218	434	2092	14	2540	193	52	206	451	5415
Grand Total	122	2946	883	3951	24	114	252	390	670	4189	23	4882	375	59	290	724	9947
Apprch %	3.1	74.6	22.3		6.2	29.2	64.6		13.7	85.8	0.5		51.8	8.1	40.1		
Total %	1.2	29.6	8.9	39.7	0.2	1.1	2.5	3.9	6.7	42.1	0.2	49.1	3.8	0.6	2.9	7.3	

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	13	**409**	101	523	**7**	**36**	**45**	**88**	124	**586**	**6**	**716**	44	0	31	75	1402
08:00 AM	5	357	117	479	5	35	38	78	**148**	508	2	658	**60**	16	59	135	1350
08:15 AM	**31**	393	159	**583**	1	17	36	54	101	564	2	667	58	**22**	**76**	**156**	**1460**
08:30 AM	30	371	**173**	574	3	9	35	47	92	519	5	616	41	11	43	95	1332
Total Volume	79	1530	550	2159	16	97	154	267	465	2177	15	2657	203	49	209	461	5544
% App. Total	3.7	70.9	25.5		6	36.3	57.7		17.5	81.9	0.6		44	10.6	45.3		
PHF	.637	.935	.795	.926	.571	.674	.856	.759	.785	.929	.625	.928	.846	.557	.688	.739	.949

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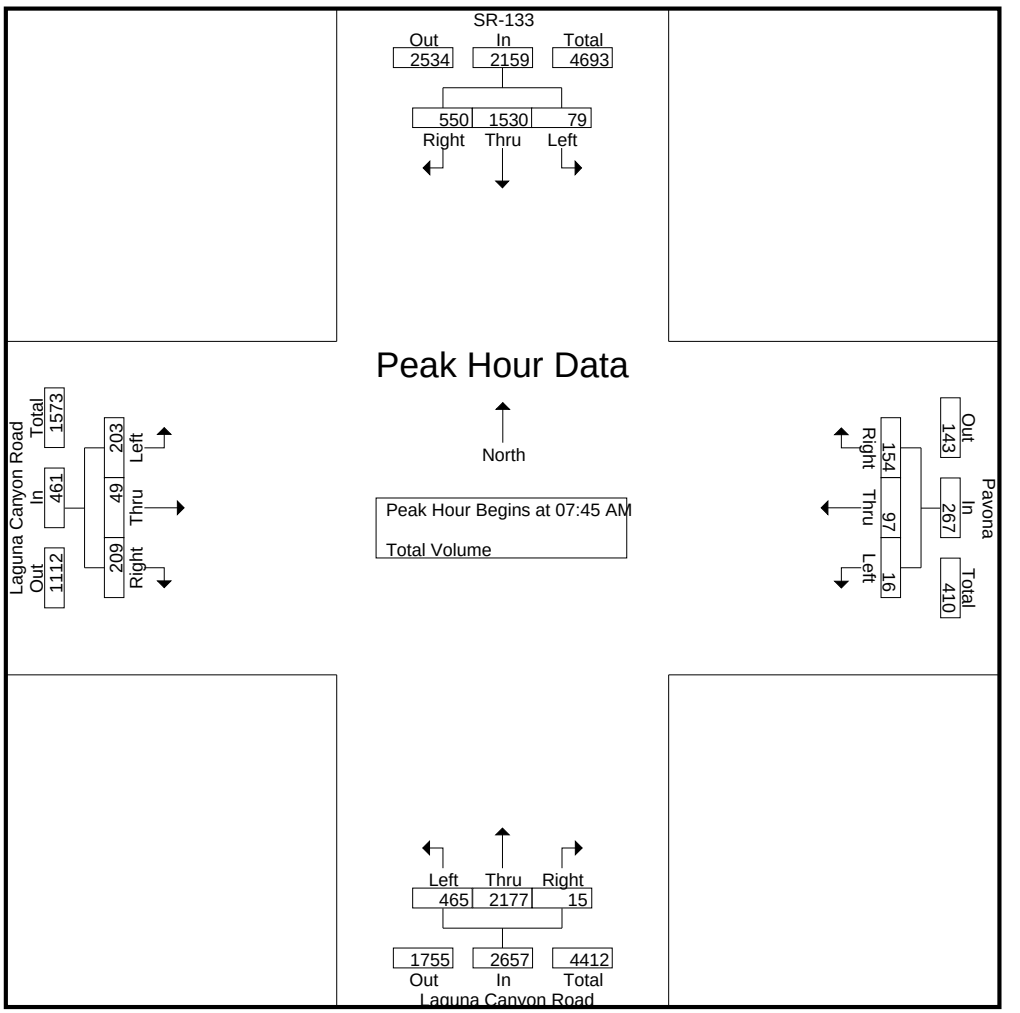
City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:30 AM				07:45 AM			
+0 mins.	5	357	117	479	**7**	**36**	**45**	**88**	60	**587**	2	649	44	0	31	75
+15 mins.	**31**	**393**	159	**583**	5	35	38	78	124	586	**6**	**716**	**60**	16	59	135
+30 mins.	30	371	173	574	1	17	36	54	**148**	508	2	658	58	**22**	**76**	**156**
+45 mins.	21	362	**187**	570	3	9	35	47	101	564	2	667	41	11	43	95
Total Volume	87	1483	636	2206	16	97	154	267	433	2245	12	2690	203	49	209	461
% App. Total	3.9	67.2	28.8		6	36.3	57.7		16.1	83.5	0.4		44	10.6	45.3	
PHF	.702	.943	.850	.946	.571	.674	.856	.759	.731	.956	.500	.939	.846	.557	.688	.739

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City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	24	370	75	469	1	9	19	29	51	527	5	583	61	7	41	109	1190
04:15 PM	25	450	59	534	5	4	23	32	42	583	8	633	57	10	80	147	1346
04:30 PM	18	442	71	531	6	3	17	26	45	515	7	567	59	11	89	159	1283
04:45 PM	17	463	65	545	3	7	20	30	67	532	5	604	70	8	67	145	1324
Total	84	1725	270	2079	15	23	79	117	205	2157	25	2387	247	36	277	560	5143
05:00 PM	33	514	62	609	0	5	17	22	42	601	5	648	111	7	61	179	1458
05:15 PM	36	496	94	626	2	7	26	35	62	585	2	649	84	13	88	185	1495
05:30 PM	34	431	97	562	1	7	12	20	46	543	4	593	89	5	71	165	1340
05:45 PM	37	446	70	553	2	3	13	18	38	491	2	531	75	8	65	148	1250
Total	140	1887	323	2350	5	22	68	95	188	2220	13	2421	359	33	285	677	5543
06:00 PM	42	411	54	507	1	7	14	22	32	392	3	427	64	8	71	143	1099
06:15 PM	39	369	62	470	0	6	17	23	39	380	3	422	47	14	46	107	1022
Grand Total	305	4392	709	5406	21	58	178	257	464	5149	44	5657	717	91	679	1487	12807
Apprch %	5.6	81.2	13.1		8.2	22.6	69.3		8.2	91	0.8		48.2	6.1	45.7		
Total %	2.4	34.3	5.5	42.2	0.2	0.5	1.4	2	3.6	40.2	0.3	44.2	5.6	0.7	5.3	11.6	

	SR-133 Southbound				Pavona Westbound				Laguna Canyon Road Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	17	463	65	545	**3**	**7**	20	30	**67**	532	**5**	604	70	8	67	145	1324
05:00 PM	33	**514**	62	609	0	5	17	22	42	**601**	5	648	**111**	7	61	179	1458
05:15 PM	**36**	496	94	**626**	2	7	**26**	**35**	62	585	2	**649**	84	**13**	**88**	**185**	**1495**
05:30 PM	34	431	**97**	562	1	7	12	20	46	543	4	593	89	5	71	165	1340
Total Volume	120	1904	318	2342	6	26	75	107	217	2261	16	2494	354	33	287	674	5617
% App. Total	5.1	81.3	13.6		5.6	24.3	70.1		8.7	90.7	0.6		52.5	4.9	42.6		
PHF	.833	.926	.820	.935	.500	.929	.721	.764	.810	.941	.800	.961	.797	.635	.815	.911	.939

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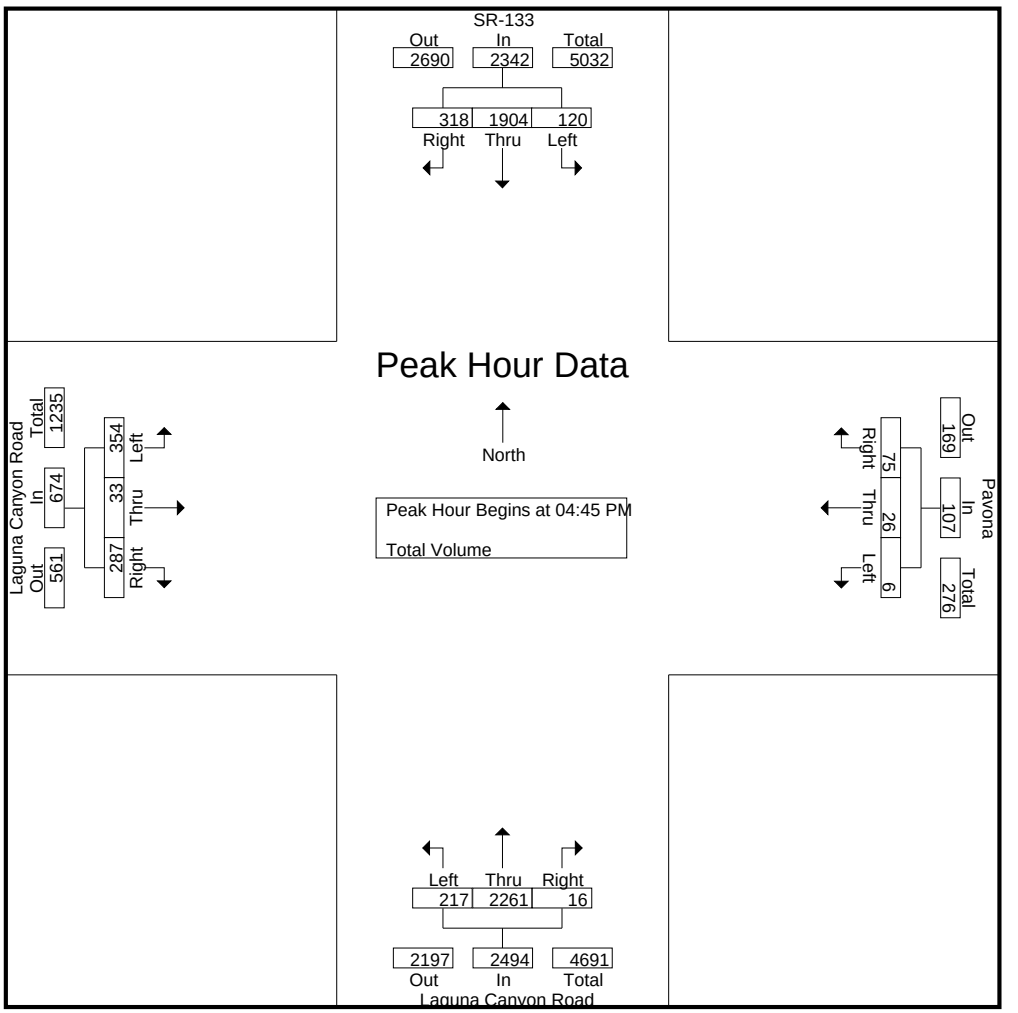
City of Irvine
N/S: SR-133/Laguna Canyon Road
E/W: Laguna Canyon Road/Pavona
Weather: Clear

File Name : 321_IRV_Lag Cyn_Pavona Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	33	**514**	62	609	1	**9**	19	29	**67**	532	**5**	604	**111**	7	61	179
+15 mins.	36	496	94	**626**	5	4	**23**	**32**	42	**601**	5	648	84	**13**	**88**	**185**
+30 mins.	34	431	**97**	562	**6**	3	17	26	62	585	2	**649**	89	5	71	165
+45 mins.	**37**	446	70	553	3	7	20	30	46	543	4	593	75	8	65	148
Total Volume	140	1887	323	2350	15	23	79	117	217	2261	16	2494	359	33	285	677
% App. Total	6	80.3	13.7		12.8	19.7	67.5		8.7	90.7	0.6		53	4.9	42.1	
PHF	.946	.918	.832	.938	.625	.639	.859	.914	.810	.941	.800	.961	.809	.635	.810	.915

Location: Irvine
N/S: Laguna Canyon Road
E/W: Laguna Cyn Rd/Pavona

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg SR-133	East Leg Pavona	South Leg Laguna Canyon Road	West Leg Laguna Canyon Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	1	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	2	2

	North Leg SR-133	East Leg Pavona	South Leg Laguna Canyon Road	West Leg Laguna Canyon Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	3	0	3
4:15 PM	0	0	2	0	2
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	1	0	1
6:15 PM	0	0	0	1	1
TOTAL VOLUMES:	0	1	7	1	9

Location: Irvine
N/S: Laguna Canyon Road
E/W: Laguna Cyn Rd/Pavona

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound SR-133			Westbound Pavona			Northbound Laguna Canyon Road			Eastbound Laguna Canyon Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	2	0	2	0	0	0	2	6
8:45 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
TOTAL VOLUMES:	0	0	0	0	0	2	0	5	0	1	0	2	10

	Southbound SR-133			Westbound Pavona			Northbound Laguna Canyon Road			Eastbound Laguna Canyon Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	1	0	0	2

Location: Irvine
N/S: Laguna Canyon Road
E/W: Laguna Cyn Rd/Pavona

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg SR-133	East Leg Pavona	South Leg Laguna Canyon Road	West Leg Laguna Canyon Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	1	0	1
8:30 AM	0	0	2	0	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	3	0	3

	North Leg SR-133	East Leg Pavona	South Leg Laguna Canyon Road	West Leg Laguna Canyon Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	3	0	3
4:30 PM	0	0	0	0	0
4:45 PM	0	0	2	0	2
5:00 PM	0	0	0	0	0
5:15 PM	0	0	3	0	3
5:30 PM	0	0	0	0	0
5:45 PM	0	3	0	0	3
6:00 PM	0	0	1	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	3	10	0	13

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951-268-6268

Location: Irvine
N/S: Laguna Canyon Road
E/W: Laguna Cyn Rd/Pavona

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound SR-133			Westbound Pavona			Northbound Laguna Canyon Road			Eastbound Laguna Canyon Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	1	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	1	0	0	0	0	1	3

	Southbound SR-133			Westbound Pavona			Northbound Laguna Canyon Road			Eastbound Laguna Canyon Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	3	0	3	0	0	0	0	0	6
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	3	0	5	0	0	0	0	0	8

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City of Irvine
N/S: Laguna Canyon Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 322_IRV_LAG CYN_73N AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				SR-73 Northbound Ramps Westbound				Laguna Canyon Road Northbound				Dead End Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	332	0	337	0	0	271	271	0	94	17	111	0	0	0	0	719
07:15 AM	13	347	0	360	3	0	359	362	0	115	15	130	0	0	0	0	852
07:30 AM	28	358	0	386	4	0	413	417	0	130	28	158	0	0	0	0	961
07:45 AM	59	353	0	412	17	0	430	447	0	131	33	164	0	0	0	0	1023
Total	105	1390	0	1495	24	0	1473	1497	0	470	93	563	0	0	0	0	3555
08:00 AM	75	326	0	401	37	0	328	365	0	149	31	180	0	0	0	0	946
08:15 AM	82	373	0	455	42	0	411	453	0	196	39	235	0	0	0	0	1143
08:30 AM	88	333	0	421	19	0	315	334	0	195	44	239	0	0	0	0	994
08:45 AM	97	405	0	502	35	0	310	345	0	186	34	220	0	0	0	0	1067
Total	342	1437	0	1779	133	0	1364	1497	0	726	148	874	0	0	0	0	4150
Grand Total	447	2827	0	3274	157	0	2837	2994	0	1196	241	1437	0	0	0	0	7705
Apprch %	13.7	86.3	0		5.2	0	94.8		0	83.2	16.8		0	0	0		
Total %	5.8	36.7	0	42.5	2	0	36.8	38.9	0	15.5	3.1	18.7	0	0	0	0	

	Laguna Canyon Road Southbound				SR-73 Northbound Ramps Westbound				Laguna Canyon Road Northbound				Dead End Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	75	326	0	401	37	0	328	365	0	149	31	180	0	0	0	0	946
08:15 AM	82	373	0	455	42	0	411	453	0	196	39	235	0	0	0	0	1143
08:30 AM	88	333	0	421	19	0	315	334	0	195	44	239	0	0	0	0	994
08:45 AM	97	405	0	502	35	0	310	345	0	186	34	220	0	0	0	0	1067
Total Volume	342	1437	0	1779	133	0	1364	1497	0	726	148	874	0	0	0	0	4150
% App. Total	19.2	80.8	0		8.9	0	91.1		0	83.1	16.9		0	0	0		
PHF	.881	.887	.000	.886	.792	.000	.830	.826	.000	.926	.841	.914	.000	.000	.000	.000	.908

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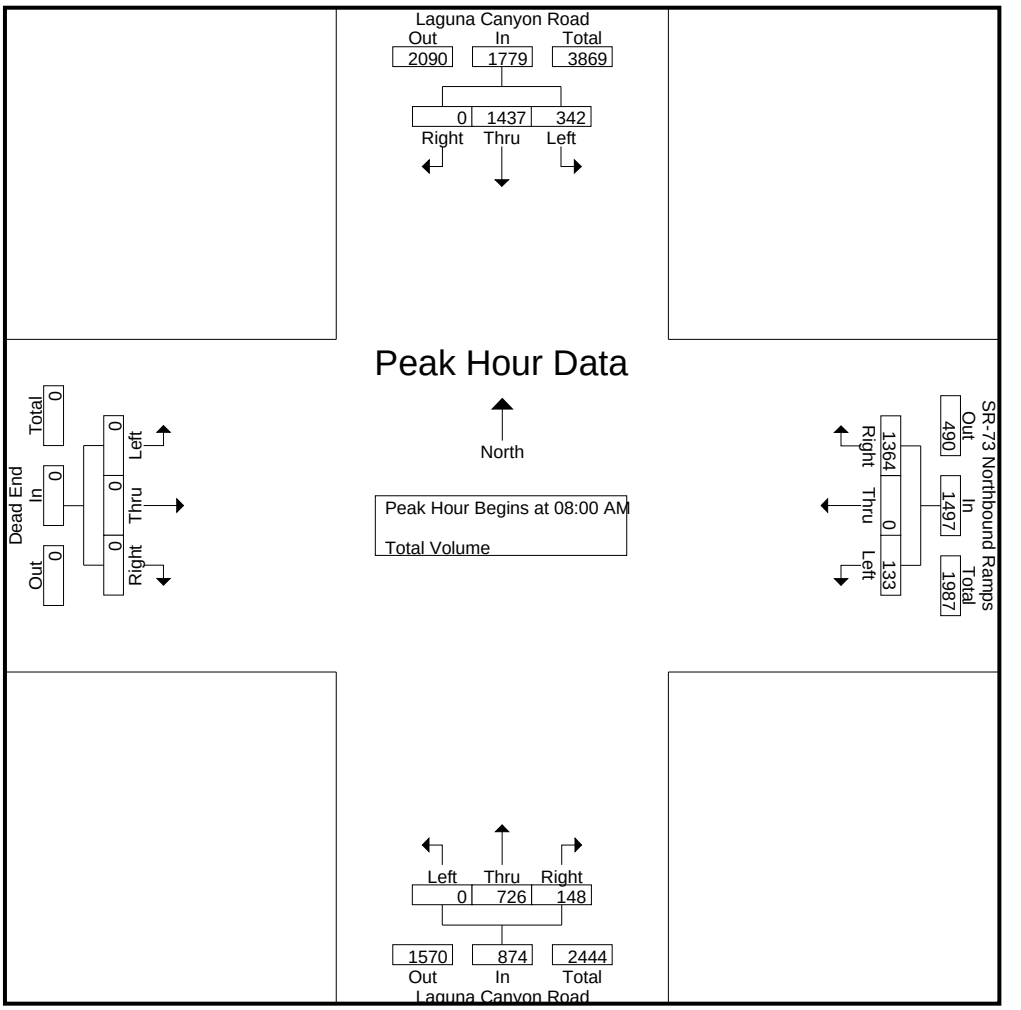
City of Irvine
N/S: Laguna Canyon Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 322_IRV_LAG CYN_73N AM
Site Code : 05124139
Start Date : 2/13/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				08:00 AM				07:00 AM			
+0 mins.	75	326	0	401	4	0	413	417	0	149	31	180	0	0	0	0
+15 mins.	82	373	0	455	17	0	430	447	0	196	39	235	0	0	0	0
+30 mins.	88	333	0	421	37	0	328	365	0	195	44	239	0	0	0	0
+45 mins.	97	405	0	502	42	0	411	453	0	186	34	220	0	0	0	0
Total Volume	342	1437	0	1779	100	0	1582	1682	0	726	148	874	0	0	0	0
% App. Total	19.2	80.8	0		5.9	0	94.1		0	83.1	16.9		0	0	0	
PHF	.881	.887	.000	.886	.595	.000	.920	.928	.000	.926	.841	.914	.000	.000	.000	.000

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City of Irvine
N/S: Laguna Canyon Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 322_IRV_LAG CYN_73N PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				SR-73 Northbound Ramps Westbound				Laguna Canyon Road Northbound				Dead End Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	52	401	0	453	0	0	225	225	0	233	9	242	0	0	0	0	920
04:15 PM	45	468	0	513	1	0	228	229	0	230	9	239	0	0	0	0	981
04:30 PM	66	441	0	507	1	0	226	227	0	224	15	239	0	0	0	0	973
04:45 PM	46	452	0	498	0	0	253	253	0	236	11	247	0	0	0	0	998
Total	209	1762	0	1971	2	0	932	934	0	923	44	967	0	0	0	0	3872
05:00 PM	73	461	0	534	1	0	220	221	0	244	14	258	0	0	0	0	1013
05:15 PM	73	513	0	586	1	0	221	222	0	274	9	283	0	0	0	0	1091
05:30 PM	99	487	0	586	0	0	218	218	0	271	18	289	0	0	0	0	1093
05:45 PM	96	450	0	546	1	0	177	178	0	255	22	277	0	0	0	0	1001
Total	341	1911	0	2252	3	0	836	839	0	1044	63	1107	0	0	0	0	4198
Grand Total	550	3673	0	4223	5	0	1768	1773	0	1967	107	2074	0	0	0	0	8070
Apprch %	13	87	0		0.3	0	99.7		0	94.8	5.2		0	0	0		
Total %	6.8	45.5	0	52.3	0.1	0	21.9	22	0	24.4	1.3	25.7	0	0	0	0	

	Laguna Canyon Road Southbound				SR-73 Northbound Ramps Westbound				Laguna Canyon Road Northbound				Dead End Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	73	461	0	534	1	0	220	221	0	244	14	258	0	0	0	0	1013
05:15 PM	73	513	0	586	1	0	221	222	0	274	9	283	0	0	0	0	1091
05:30 PM	99	487	0	586	0	0	218	218	0	271	18	289	0	0	0	0	1093
05:45 PM	96	450	0	546	1	0	177	178	0	255	22	277	0	0	0	0	1001
Total Volume	341	1911	0	2252	3	0	836	839	0	1044	63	1107	0	0	0	0	4198
% App. Total	15.1	84.9	0		0.4	0	99.6		0	94.3	5.7		0	0	0		
PHF	.861	.931	.000	.961	.750	.000	.946	.945	.000	.953	.716	.958	.000	.000	.000	.000	.960

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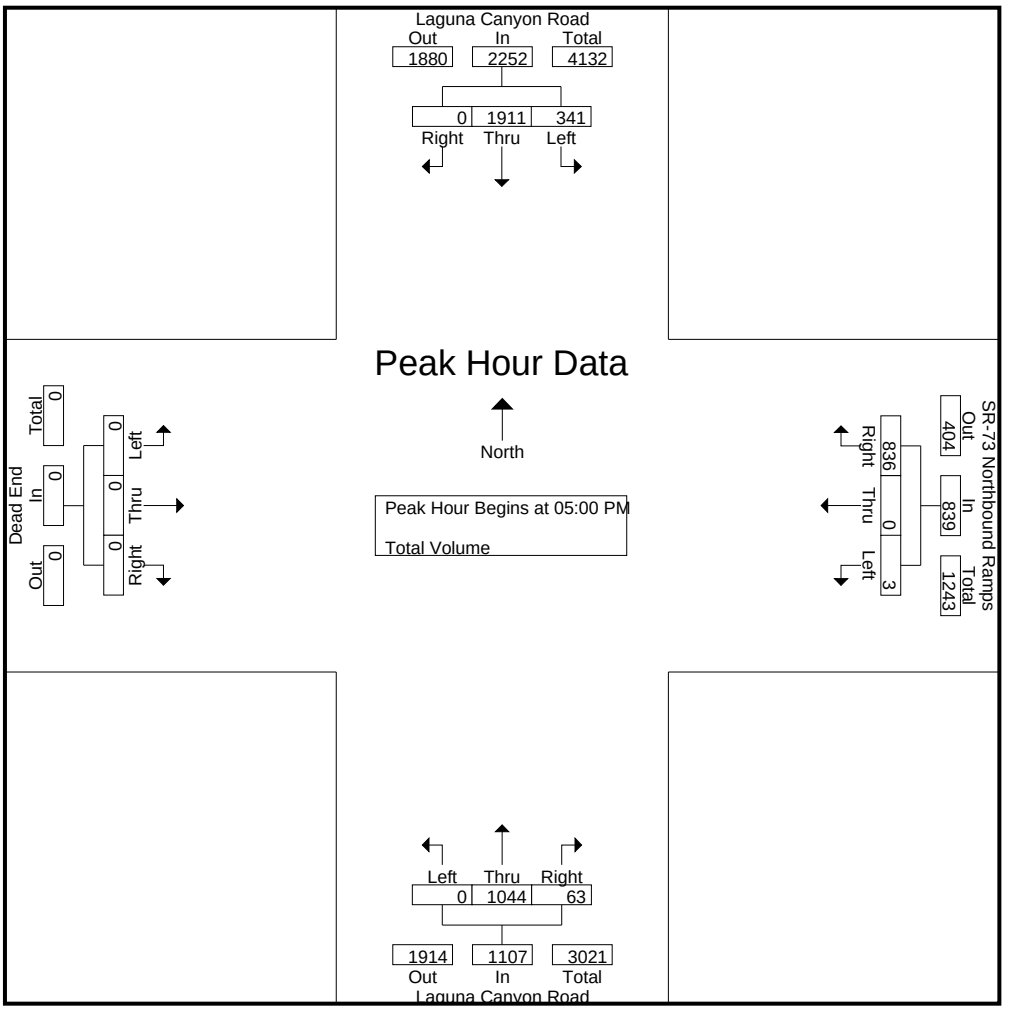
City of Irvine
N/S: Laguna Canyon Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 322_IRV_LAG CYN_73N PM
Site Code : 05124139
Start Date : 2/13/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				04:00 PM			
+0 mins.	73	461	0	534	0	0	225	225	0	244	14	258	0	0	0	0
+15 mins.	73	513	0	586	1	0	228	229	0	274	9	283	0	0	0	0
+30 mins.	99	487	0	586	1	0	226	227	0	271	18	289	0	0	0	0
+45 mins.	96	450	0	546	0	0	253	253	0	255	22	277	0	0	0	0
Total Volume	341	1911	0	2252	2	0	932	934	0	1044	63	1107	0	0	0	0
% App. Total	15.1	84.9	0		0.2	0	99.8		0	94.3	5.7		0	0	0	
PHF	.861	.931	.000	.961	.500	.000	.921	.923	.000	.953	.716	.958	.000	.000	.000	.000

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City of Irvine
N/S: Laguna Canyon Road (SR-133)
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 323_IRV_Lag Cyn_73S AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			SR-73 Southbound Ramps Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	107	107	3	0	3	221	11	232	342
07:15 AM	0	118	118	15	0	15	241	21	262	395
07:30 AM	0	139	139	11	0	11	207	11	218	368
07:45 AM	0	146	146	21	0	21	204	12	216	383
Total	0	510	510	50	0	50	873	55	928	1488
08:00 AM	0	153	153	18	0	18	195	15	210	381
08:15 AM	0	217	217	28	0	28	242	12	254	499
08:30 AM	0	204	204	22	0	22	186	34	220	446
08:45 AM	0	190	190	26	0	26	259	18	277	493
Total	0	764	764	94	0	94	882	79	961	1819
Grand Total	0	1274	1274	144	0	144	1755	134	1889	3307
Apprch %	0	100		100	0		92.9	7.1		
Total %	0	38.5	38.5	4.4	0	4.4	53.1	4.1	57.1	

	Laguna Canyon Road Southbound			SR-73 Southbound Ramps Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	0	153	153	18	0	18	195	15	210	381
08:15 AM	0	**217**	**217**	**28**	0	**28**	242	12	254	**499**
08:30 AM	0	204	204	22	0	22	186	**34**	220	446
08:45 AM	0	190	190	26	0	26	**259**	18	**277**	493
Total Volume	0	764	764	94	0	94	882	79	961	1819
% App. Total	0	100		100	0		91.8	8.2		
PHF	.000	.880	.880	.839	.000	.839	.851	.581	.867	.911

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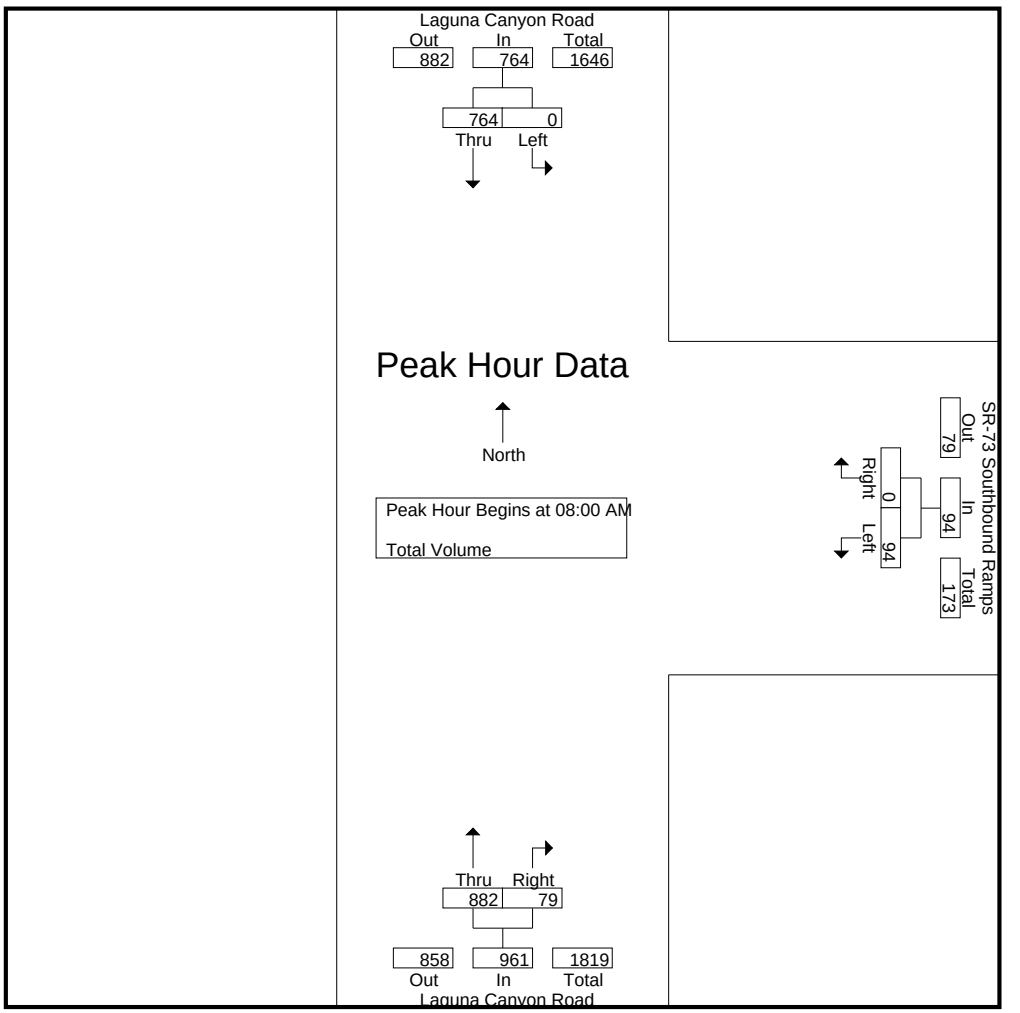
City of Irvine
N/S: Laguna Canyon Road (SR-133)
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 323_IRV_Lag Cyn_73S AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			08:00 AM			08:00 AM		
+0 mins.	0	153	153	18	0	18	195	15	210
+15 mins.	0	**217**	**217**	**28**	0	**28**	242	12	254
+30 mins.	0	204	204	22	0	22	186	**34**	220
+45 mins.	0	190	190	26	0	26	**259**	18	**277**
Total Volume	0	764	764	94	0	94	882	79	961
% App. Total	0	100		100	0		91.8	8.2	
PHF	.000	.880	.880	.839	.000	.839	.851	.581	.867

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City of Irvine
N/S: Laguna Canyon Road (SR-133)
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 323_IRV_Lag Cyn_73S PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			SR-73 Southbound Ramps Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	204	204	46	0	46	165	32	197	447
04:15 PM	0	196	196	45	0	45	183	22	205	446
04:30 PM	0	166	166	62	0	62	143	39	182	410
04:45 PM	0	194	194	51	0	51	168	38	206	451
Total	0	760	760	204	0	204	659	131	790	1754
05:00 PM	0	191	191	79	0	79	180	24	204	474
05:15 PM	0	168	168	108	0	108	162	30	192	468
05:30 PM	0	183	183	101	0	101	177	24	201	485
05:45 PM	0	187	187	94	0	94	152	28	180	461
Total	0	729	729	382	0	382	671	106	777	1888
Grand Total	0	1489	1489	586	0	586	1330	237	1567	3642
Apprch %	0	100		100	0		84.9	15.1		
Total %	0	40.9	40.9	16.1	0	16.1	36.5	6.5	43	

	Laguna Canyon Road Southbound			SR-73 Southbound Ramps Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	**191**	**191**	79	0	79	**180**	24	**204**	474
05:15 PM	0	168	168	**108**	0	**108**	162	**30**	192	468
05:30 PM	0	183	183	101	0	101	177	24	201	**485**
05:45 PM	0	187	187	94	0	94	152	28	180	461
Total Volume	0	729	729	382	0	382	671	106	777	1888
% App. Total	0	100		100	0		86.4	13.6		
PHF	.000	.954	.954	.884	.000	.884	.932	.883	.952	.973

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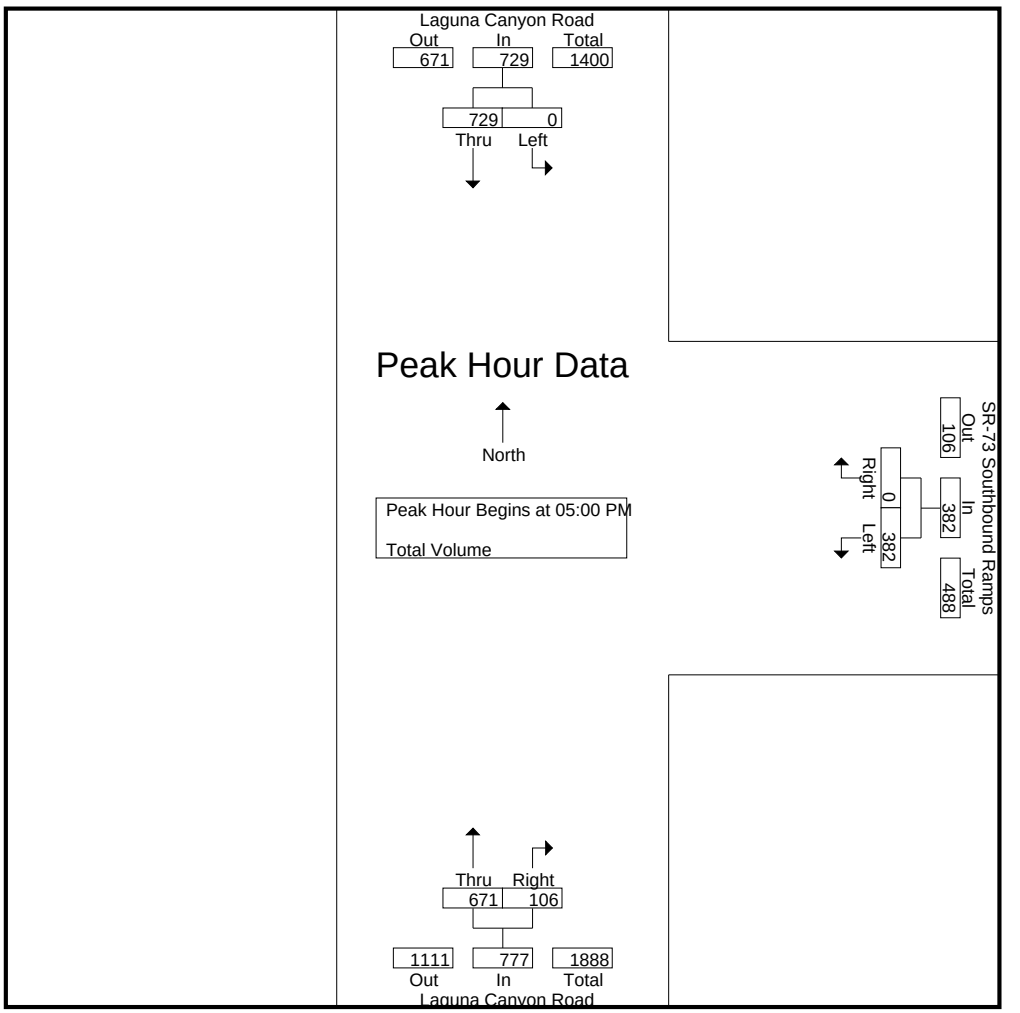
City of Irvine
N/S: Laguna Canyon Road (SR-133)
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 323_IRV_Lag Cyn_73S PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			05:00 PM			04:45 PM		
+0 mins.	0	**204**	**204**	79	0	79	168	**38**	**206**
+15 mins.	0	196	196	**108**	0	**108**	**180**	24	204
+30 mins.	0	166	166	101	0	101	162	30	192
+45 mins.	0	194	194	94	0	94	177	24	201
Total Volume	0	760	760	382	0	382	687	116	803
% App. Total	0	100		100	0		85.6	14.4	
PHF	.000	.931	.931	.884	.000	.884	.954	.763	.975

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Tues AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	5	1	6	19	0	0	19	7	3	0	10	0	0	0	0	35
07:15 AM	0	4	0	4	57	0	0	57	12	1	0	13	0	0	0	0	74
07:30 AM	0	0	2	2	79	1	0	80	15	1	0	16	0	0	0	0	98
07:45 AM	0	0	1	1	34	0	1	35	21	1	0	22	0	0	0	0	58
Total	0	9	4	13	189	1	1	191	55	6	0	61	0	0	0	0	265
08:00 AM	0	1	0	1	39	1	1	41	27	0	0	27	0	0	0	0	69
08:15 AM	0	2	0	2	32	0	0	32	24	0	0	24	0	0	0	0	58
08:30 AM	0	0	0	0	24	0	1	25	18	0	0	18	0	0	0	0	43
08:45 AM	0	1	0	1	24	0	0	24	9	1	0	10	0	0	0	0	35
Total	0	4	0	4	119	1	2	122	78	1	0	79	0	0	0	0	205
Grand Total	0	13	4	17	308	2	3	313	133	7	0	140	0	0	0	0	470
Apprch %	0	76.5	23.5		98.4	0.6	1		95	5	0		0	0	0		
Total %	0	2.8	0.9	3.6	65.5	0.4	0.6	66.6	28.3	1.5	0	29.8	0	0	0	0	

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	**4**	0	**4**	57	0	0	57	12	**1**	0	13	0	0	0	0	74
07:30 AM	0	0	**2**	2	**79**	**1**	0	**80**	15	1	0	16	0	0	0	0	**98**
07:45 AM	0	0	1	1	34	0	**1**	35	21	1	0	22	0	0	0	0	58
08:00 AM	0	1	0	1	39	1	1	41	**27**	0	0	**27**	0	0	0	0	69
Total Volume	0	5	3	8	209	2	2	213	75	3	0	78	0	0	0	0	299
% App. Total	0	62.5	37.5		98.1	0.9	0.9		96.2	3.8	0		0	0	0		
PHF	.000	.313	.375	.500	.661	.500	.500	.666	.694	.750	.000	.722	.000	.000	.000	.000	.763

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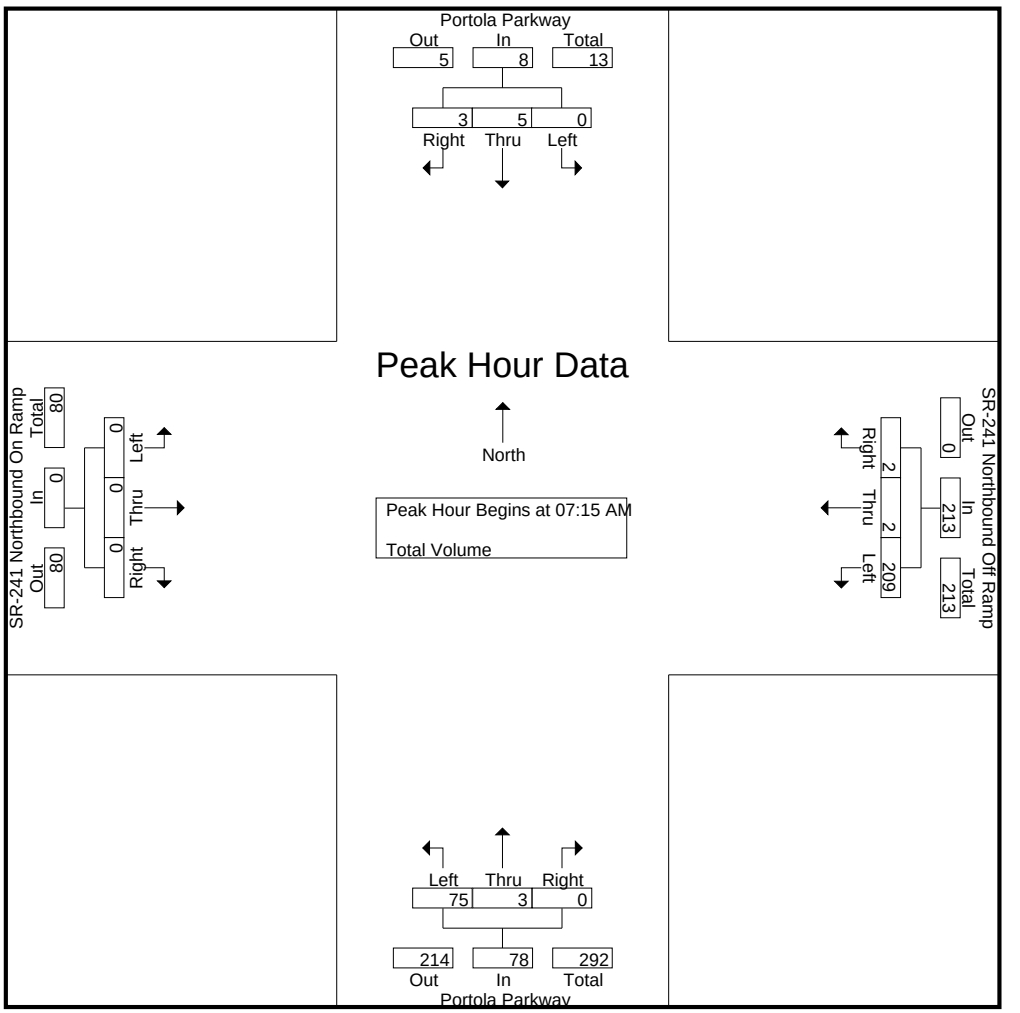
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Tues AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:15 AM				07:45 AM				07:00 AM			
+0 mins.	0	**5**	1	**6**	57	0	0	57	21	**1**	0	22	0	0	0	0
+15 mins.	0	4	0	4	**79**	**1**	0	**80**	**27**	0	0	**27**	0	0	0	0
+30 mins.	0	0	**2**	2	34	0	**1**	35	24	0	0	24	0	0	0	0
+45 mins.	0	0	1	1	39	1	1	41	18	0	0	18	0	0	0	0
Total Volume	0	9	4	13	209	2	2	213	90	1	0	91	0	0	0	0
% App. Total	0	69.2	30.8		98.1	0.9	0.9		98.9	1.1	0		0	0	0	
PHF	.000	.450	.500	.542	.661	.500	.500	.666	.833	.250	.000	.843	.000	.000	.000	.000

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	1	2	3	29	0	0	29	16	0	0	16	0	0	0	0	48
04:15 PM	0	0	1	1	35	0	0	35	8	2	0	10	0	0	0	0	46
04:30 PM	0	0	0	0	31	0	0	31	13	0	0	13	0	0	0	0	44
04:45 PM	0	2	0	2	41	0	0	41	15	0	0	15	0	0	0	0	58
Total	0	3	3	6	136	0	0	136	52	2	0	54	0	0	0	0	196
05:00 PM	0	0	0	0	49	1	0	50	16	0	0	16	0	0	0	0	66
05:15 PM	0	1	0	1	47	0	1	48	11	1	0	12	0	0	0	0	61
05:30 PM	0	0	0	0	46	1	0	47	14	0	0	14	0	0	0	0	61
05:45 PM	0	2	0	2	41	0	0	41	10	2	0	12	0	0	0	0	55
Total	0	3	0	3	183	2	1	186	51	3	0	54	0	0	0	0	243
06:00 PM	0	0	0	0	32	0	0	32	11	0	0	11	0	0	0	0	43
06:15 PM	0	0	0	0	21	0	0	21	12	0	0	12	0	0	0	0	33
Grand Total	0	6	3	9	372	2	1	375	126	5	0	131	0	0	0	0	515
Apprch %	0	66.7	33.3		99.2	0.5	0.3		96.2	3.8	0		0	0	0		
Total %	0	1.2	0.6	1.7	72.2	0.4	0.2	72.8	24.5	1	0	25.4	0	0	0	0	

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	**2**	0	**2**	41	0	0	41	15	0	0	15	0	0	0	0	58
05:00 PM	0	0	0	0	**49**	**1**	0	**50**	**16**	0	0	**16**	0	0	0	0	**66**
05:15 PM	0	1	0	1	47	0	**1**	48	11	**1**	0	12	0	0	0	0	61
05:30 PM	0	0	0	0	46	1	0	47	14	0	0	14	0	0	0	0	61
Total Volume	0	3	0	3	183	2	1	186	56	1	0	57	0	0	0	0	246
% App. Total	0	100	0		98.4	1.1	0.5		98.2	1.8	0		0	0	0		
PHF	.000	.375	.000	.375	.934	.500	.250	.930	.875	.250	.000	.891	.000	.000	.000	.000	.932

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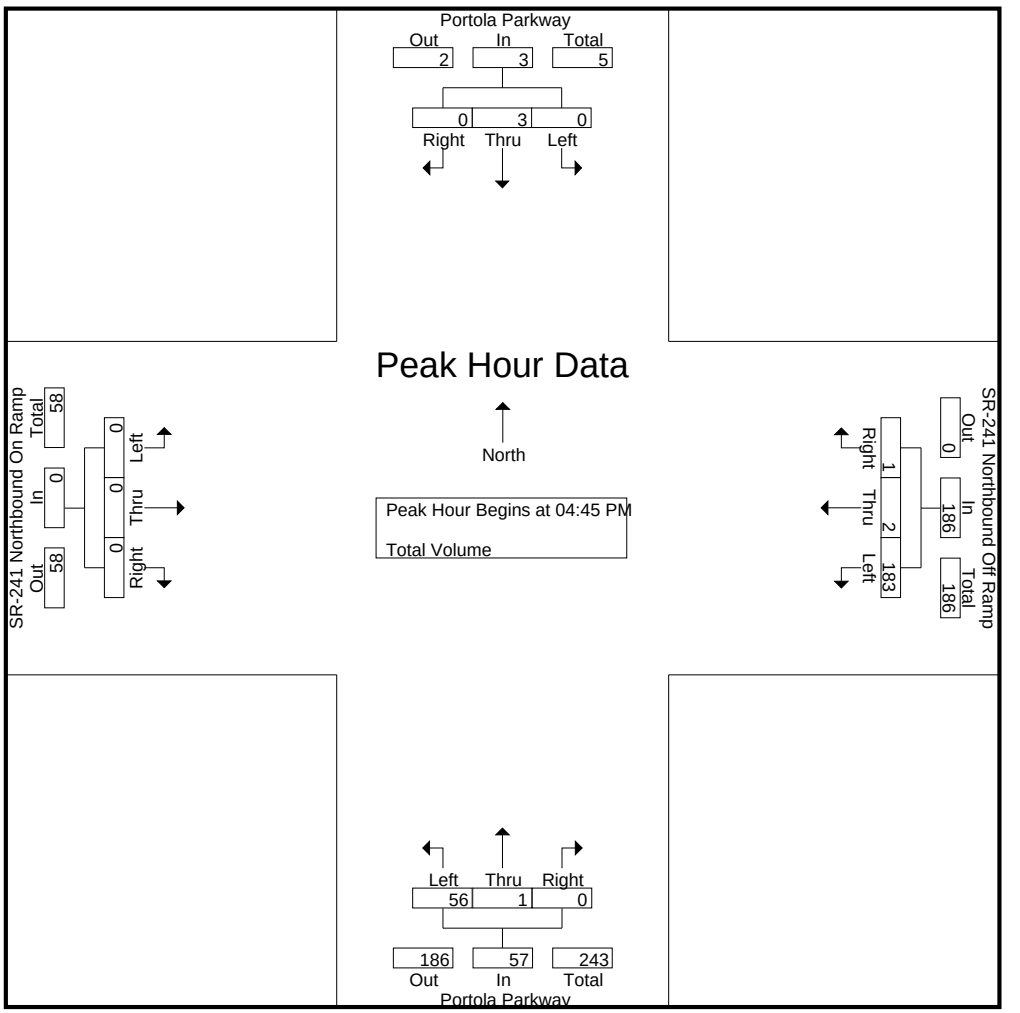
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:45 PM				04:00 PM			
+0 mins.	0	1	**2**	**3**	41	0	0	41	15	0	0	15	0	0	0	0
+15 mins.	0	0	1	1	**49**	**1**	0	**50**	**16**	0	0	**16**	0	0	0	0
+30 mins.	0	0	0	0	47	0	**1**	48	11	**1**	0	12	0	0	0	0
+45 mins.	0	**2**	0	2	46	1	0	47	14	0	0	14	0	0	0	0
Total Volume	0	3	3	6	183	2	1	186	56	1	0	57	0	0	0	0
% App. Total	0	50	50		98.4	1.1	0.5		98.2	1.8	0		0	0	0	
PHF	.000	.375	.375	.500	.934	.500	.250	.930	.875	.250	.000	.891	.000	.000	.000	.000

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	1	2	3	16	0	0	16	10	3	0	13	0	0	0	0	32
07:15 AM	0	0	0	0	56	0	0	56	19	1	0	20	0	0	0	0	76
07:30 AM	0	0	0	0	72	0	1	73	13	2	0	15	0	0	0	0	88
07:45 AM	0	0	1	1	39	1	1	41	22	1	0	23	0	0	0	0	65
Total	0	1	3	4	183	1	2	186	64	7	0	71	0	0	0	0	261
08:00 AM	0	4	0	4	40	0	1	41	19	1	0	20	0	0	0	0	65
08:15 AM	0	5	3	8	27	0	2	29	30	3	0	33	0	0	0	0	70
08:30 AM	0	2	2	4	35	0	0	35	19	1	0	20	0	0	0	0	59
08:45 AM	0	1	0	1	28	0	1	29	11	1	0	12	0	0	0	0	42
Total	0	12	5	17	130	0	4	134	79	6	0	85	0	0	0	0	236
Grand Total	0	13	8	21	313	1	6	320	143	13	0	156	0	0	0	0	497
Apprch %	0	61.9	38.1		97.8	0.3	1.9		91.7	8.3	0		0	0	0		
Total %	0	2.6	1.6	4.2	63	0.2	1.2	64.4	28.8	2.6	0	31.4	0	0	0	0	

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	56	0	0	56	19	1	0	20	0	0	0	0	76
07:30 AM	0	0	0	0	**72**	0	**1**	**73**	13	**2**	0	15	0	0	0	0	**88**
07:45 AM	0	0	**1**	1	39	**1**	1	41	**22**	1	0	**23**	0	0	0	0	65
08:00 AM	0	**4**	0	**4**	40	0	1	41	19	1	0	20	0	0	0	0	65
Total Volume	0	4	1	5	207	1	3	211	73	5	0	78	0	0	0	0	294
% App. Total	0	80	20		98.1	0.5	1.4		93.6	6.4	0		0	0	0		
PHF	.000	.250	.250	.313	.719	.250	.750	.723	.830	.625	.000	.848	.000	.000	.000	.000	.835

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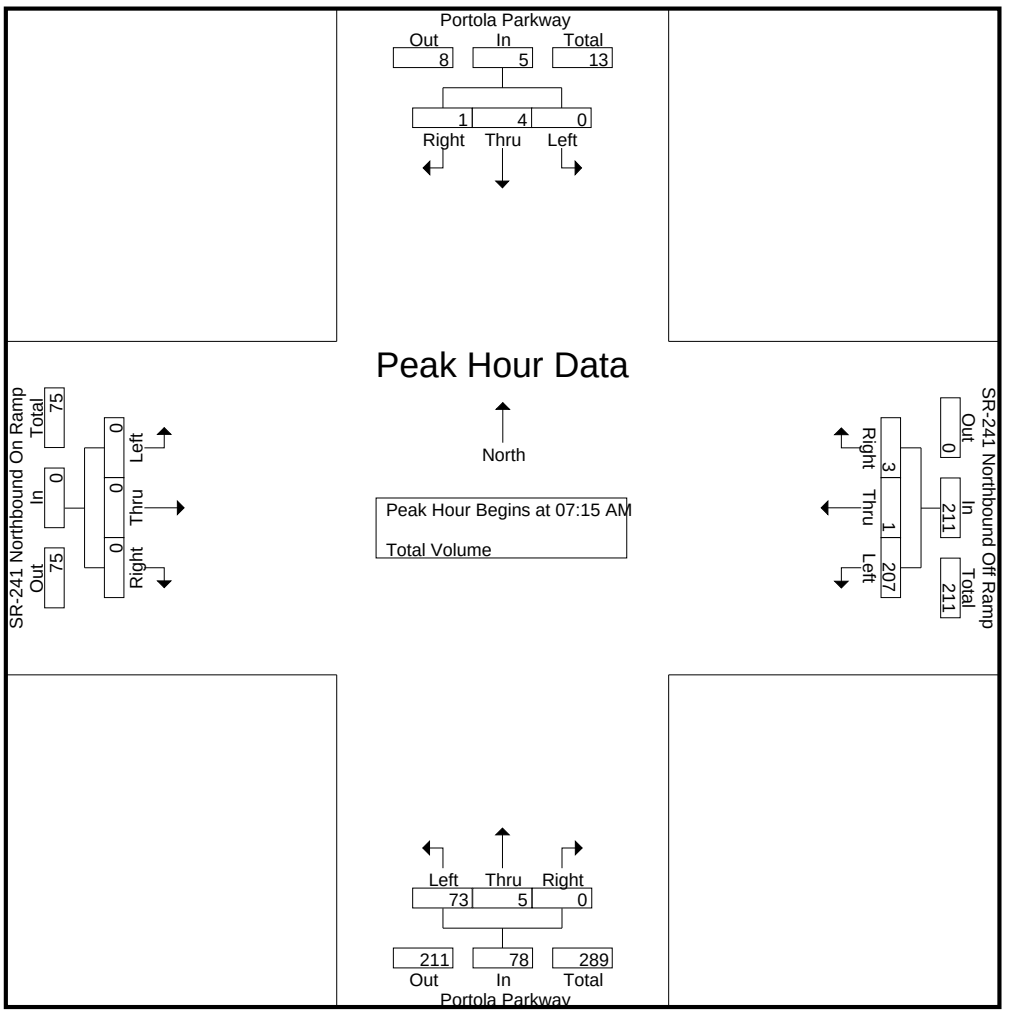
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:15 AM				07:45 AM				07:00 AM			
+0 mins.	0	0	1	1	56	0	0	56	22	1	0	23	0	0	0	0
+15 mins.	0	4	0	4	**72**	0	**1**	**73**	19	1	0	20	0	0	0	0
+30 mins.	0	**5**	**3**	**8**	39	**1**	1	41	**30**	**3**	0	**33**	0	0	0	0
+45 mins.	0	2	2	4	40	0	1	41	19	1	0	20	0	0	0	0
Total Volume	0	11	6	17	207	1	3	211	90	6	0	96	0	0	0	0
% App. Total	0	64.7	35.3		98.1	0.5	1.4		93.8	6.2	0		0	0	0	
PHF	.000	.550	.500	.531	.719	.250	.750	.723	.750	.500	.000	.727	.000	.000	.000	.000

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	2	2	4	29	0	0	29	20	1	0	21	0	0	0	0	54
04:15 PM	0	0	1	1	40	0	0	40	13	1	0	14	0	0	0	0	55
04:30 PM	0	1	0	1	32	0	0	32	17	1	0	18	0	0	0	0	51
04:45 PM	0	3	0	3	45	0	0	45	10	0	0	10	0	0	0	0	58
Total	0	6	3	9	146	0	0	146	60	3	0	63	0	0	0	0	218
05:00 PM	0	2	0	2	67	0	1	68	12	0	0	12	0	0	0	0	82
05:15 PM	0	0	0	0	51	0	1	52	19	1	0	20	0	0	0	0	72
05:30 PM	0	2	0	2	31	0	0	31	14	0	0	14	0	0	0	0	47
05:45 PM	0	0	0	0	40	1	0	41	16	0	0	16	0	0	0	0	57
Total	0	4	0	4	189	1	2	192	61	1	0	62	0	0	0	0	258
06:00 PM	0	0	1	1	38	0	0	38	11	0	0	11	0	0	0	0	50
06:15 PM	0	0	0	0	22	0	0	22	7	1	0	8	0	0	0	0	30
Grand Total	0	10	4	14	395	1	2	398	139	5	0	144	0	0	0	0	556
Apprch %	0	71.4	28.6		99.2	0.3	0.5		96.5	3.5	0		0	0	0		
Total %	0	1.8	0.7	2.5	71	0.2	0.4	71.6	25	0.9	0	25.9	0	0	0	0	

	Portola Parkway Southbound				SR-241 Northbound Off Ramp Westbound				Portola Parkway Northbound				SR-241 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	0	1	32	0	0	32	17	**1**	0	18	0	0	0	0	51
04:45 PM	0	**3**	0	**3**	45	0	0	45	10	0	0	10	0	0	0	0	58
05:00 PM	0	2	0	2	**67**	0	**1**	**68**	12	0	0	12	0	0	0	0	**82**
05:15 PM	0	0	0	0	51	0	1	52	**19**	1	0	**20**	0	0	0	0	72
Total Volume	0	6	0	6	195	0	2	197	58	2	0	60	0	0	0	0	263
% App. Total	0	100	0		99	0	1		96.7	3.3	0		0	0	0		
PHF	.000	.500	.000	.500	.728	.000	.500	.724	.763	.500	.000	.750	.000	.000	.000	.000	.802

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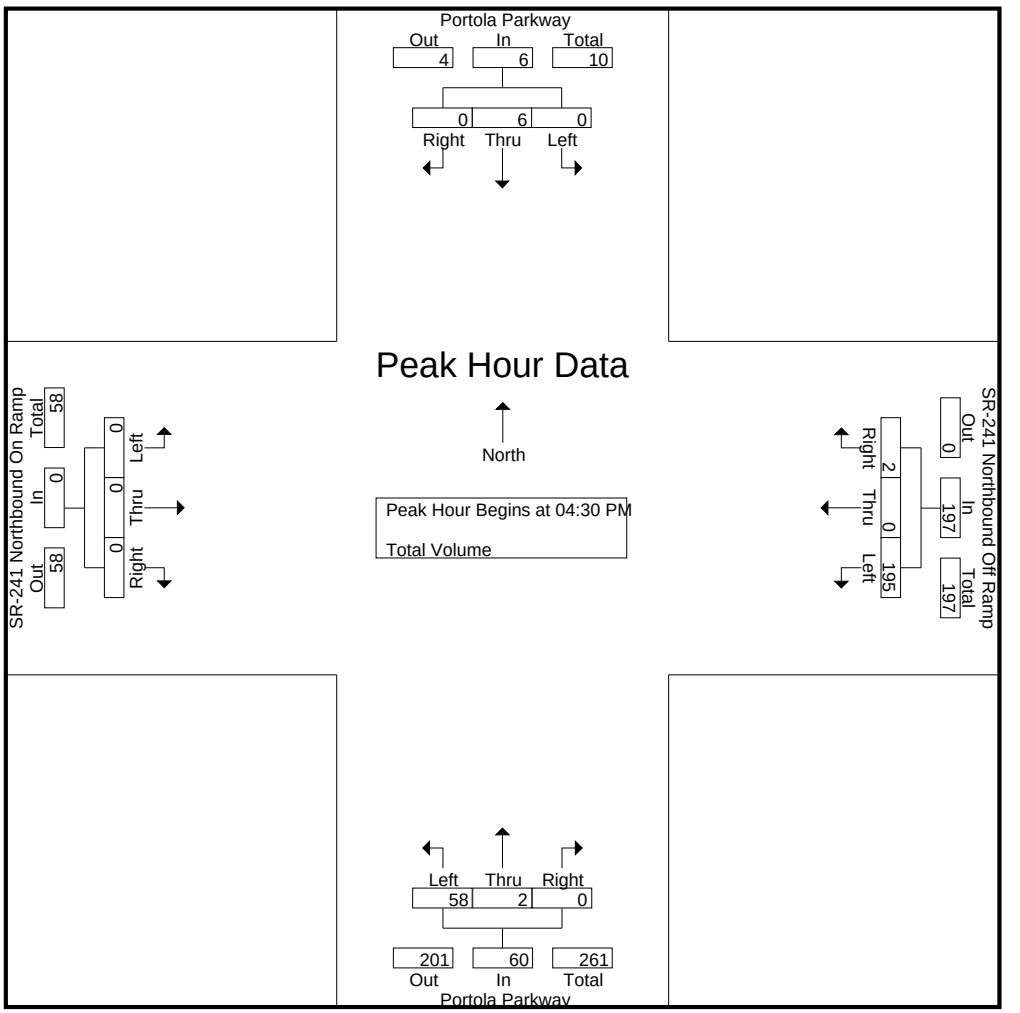
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Northbound Ramps
Weather: Clear

File Name : 324_IRV_Portola_241N Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				04:00 PM			
+0 mins.	0	2	**2**	**4**	32	0	0	32	**20**	**1**	0	**21**	0	0	0	0
+15 mins.	0	0	1	1	45	0	0	45	13	1	0	14	0	0	0	0
+30 mins.	0	1	0	1	**67**	0	**1**	**68**	17	1	0	18	0	0	0	0
+45 mins.	0	**3**	0	3	51	0	1	52	10	0	0	10	0	0	0	0
Total Volume	0	6	3	9	195	0	2	197	60	3	0	63	0	0	0	0
% App. Total	0	66.7	33.3		99	0	1		95.2	4.8	0		0	0	0	
PHF	.000	.500	.375	.563	.728	.000	.500	.724	.750	.750	.000	.750	.000	.000	.000	.000

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 NB Ramps

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Portola Parkway	East Leg SR-241 NB Ramps	South Leg Portola Parkway	West Leg SR-241 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	1	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1

	North Leg Portola Parkway	East Leg SR-241 NB Ramps	South Leg Portola Parkway	West Leg SR-241 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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Location: Irvine
N/S: Portola Parkway
E/W: SR-241 NB Ramps

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Portola Parkway			Westbound SR-241 NB Ramps			Northbound Portola Parkway			Eastbound SR-241 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	2	0	0	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	2	0	0	0	0	0	3

	Southbound Portola Parkway			Westbound SR-241 NB Ramps			Northbound Portola Parkway			Eastbound SR-241 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	2	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	2	0	0	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	6	0	0	0	0	0	6

Counts Unlimited, Inc.
PO Box 1178
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951-268-6268

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 NB Ramps

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Portola Parkway	East Leg SR-241 NB Ramps	South Leg Portola Parkway	West Leg SR-241 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	1	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1

	North Leg Portola Parkway	East Leg SR-241 NB Ramps	South Leg Portola Parkway	West Leg SR-241 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	2	0	0	2
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	2

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951-268-6268

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 NB Ramps

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Portola Parkway			Westbound SR-241 NB Ramps			Northbound Portola Parkway			Eastbound SR-241 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	0	0	1	0	0	0	0	0	1

	Southbound Portola Parkway			Westbound SR-241 NB Ramps			Northbound Portola Parkway			Eastbound SR-241 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
5:00 PM	0	1	0	0	0	0	1	1	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	0	0	4	1	0	0	0	0	6

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Tues AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	22	0	25	0	0	0	0	0	8	16	24	1	1	13	15	64
07:15 AM	1	65	0	66	0	0	0	0	0	12	47	59	1	1	11	13	138
07:30 AM	0	74	0	74	0	0	0	0	0	15	75	90	1	0	10	11	175
07:45 AM	1	37	0	38	0	0	0	0	0	19	58	77	4	0	15	19	134
Total	5	198	0	203	0	0	0	0	0	54	196	250	7	2	49	58	511
08:00 AM	0	39	0	39	0	0	0	0	0	23	41	64	3	0	13	16	119
08:15 AM	3	31	0	34	0	0	0	0	0	27	47	74	1	0	7	8	116
08:30 AM	2	23	0	25	0	0	0	0	0	14	37	51	1	2	9	12	88
08:45 AM	1	25	0	26	0	0	0	0	0	11	49	60	1	1	6	8	94
Total	6	118	0	124	0	0	0	0	0	75	174	249	6	3	35	44	417
Grand Total	11	316	0	327	0	0	0	0	0	129	370	499	13	5	84	102	928
Apprch %	3.4	96.6	0		0	0	0		0	25.9	74.1		12.7	4.9	82.4		
Total %	1.2	34.1	0	35.2	0	0	0	0	0	13.9	39.9	53.8	1.4	0.5	9.1	11	

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	**1**	65	0	66	0	0	0	0	0	12	47	59	1	**1**	11	13	138
07:30 AM	0	**74**	0	**74**	0	0	0	0	0	15	**75**	**90**	1	0	10	11	**175**
07:45 AM	1	37	0	38	0	0	0	0	0	19	58	77	**4**	0	**15**	**19**	134
08:00 AM	0	39	0	39	0	0	0	0	0	**23**	41	64	3	0	13	16	119
Total Volume	2	215	0	217	0	0	0	0	0	69	221	290	9	1	49	59	566
% App. Total	0.9	99.1	0		0	0	0		0	23.8	76.2		15.3	1.7	83.1		
PHF	.500	.726	.000	.733	.000	.000	.000	.000	.000	.750	.737	.806	.563	.250	.817	.776	.809

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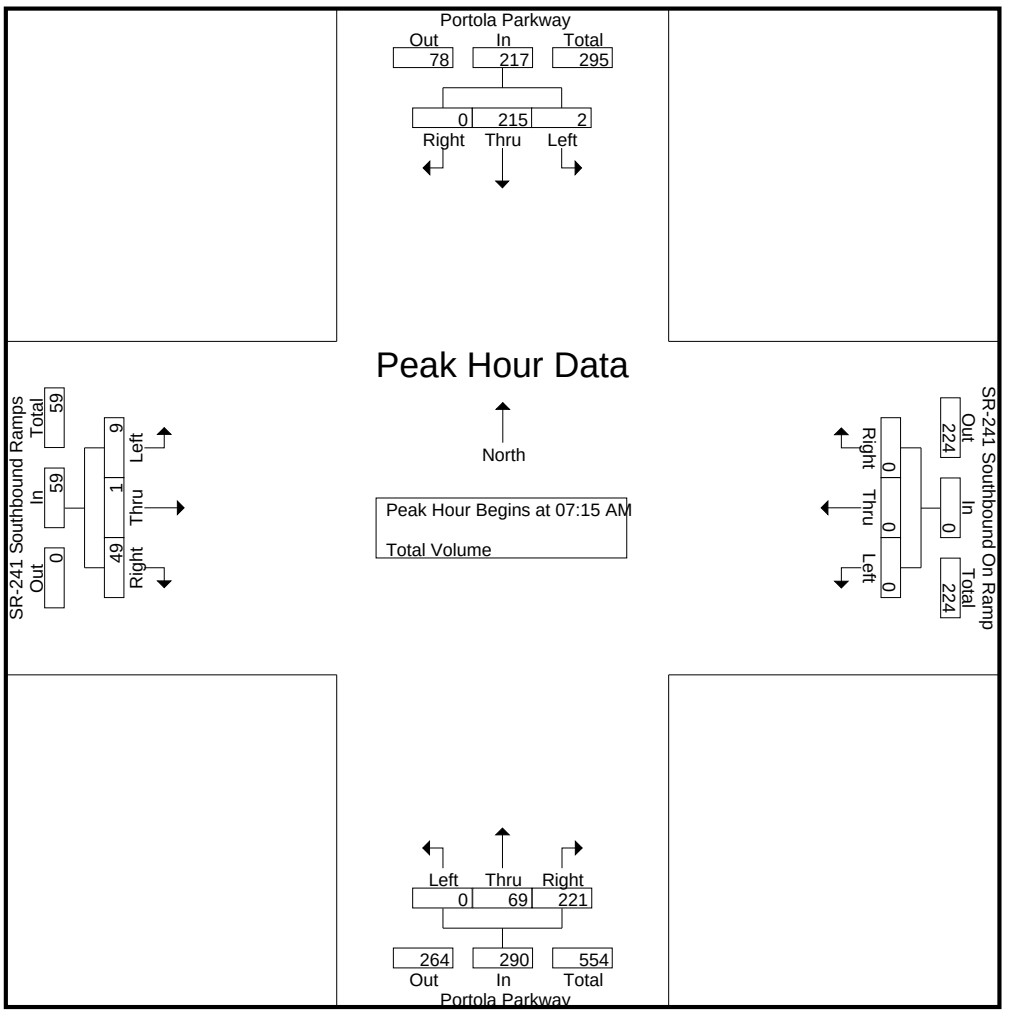
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Tues AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				07:30 AM				07:15 AM			
+0 mins.	**1**	65	0	66	0	0	0	0	0	15	**75**	**90**	1	**1**	11	13
+15 mins.	0	**74**	0	**74**	0	0	0	0	0	19	58	77	1	0	10	11
+30 mins.	1	37	0	38	0	0	0	0	0	23	41	64	**4**	0	**15**	**19**
+45 mins.	0	39	0	39	0	0	0	0	0	**27**	47	74	3	0	13	16
Total Volume	2	215	0	217	0	0	0	0	0	84	221	305	9	1	49	59
% App. Total	0.9	99.1	0		0	0	0		0	27.5	72.5		15.3	1.7	83.1	
PHF	.500	.726	.000	.733	.000	.000	.000	.000	.000	.778	.737	.847	.563	.250	.817	.776

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	30	0	31	0	0	0	0	0	10	35	45	5	1	10	16	92
04:15 PM	0	35	0	35	0	0	0	0	0	7	40	47	3	1	7	11	93
04:30 PM	1	30	0	31	0	0	0	0	0	12	45	57	1	0	12	13	101
04:45 PM	0	44	0	44	0	0	0	0	0	12	44	56	6	0	10	16	116
Total	2	139	0	141	0	0	0	0	0	41	164	205	15	2	39	56	402
05:00 PM	0	50	0	50	0	0	0	0	0	12	50	62	3	0	9	12	124
05:15 PM	2	47	0	49	0	0	0	0	0	9	61	70	1	0	8	9	128
05:30 PM	1	50	0	51	0	0	0	0	0	10	52	62	4	1	14	19	132
05:45 PM	2	41	0	43	0	0	0	0	0	7	39	46	5	1	13	19	108
Total	5	188	0	193	0	0	0	0	0	38	202	240	13	2	44	59	492
06:00 PM	0	32	0	32	0	0	0	0	0	9	32	41	3	0	11	14	87
06:15 PM	0	22	0	22	0	0	0	0	0	8	37	45	3	1	11	15	82
Grand Total	7	381	0	388	0	0	0	0	0	96	435	531	34	5	105	144	1063
Apprch %	1.8	98.2	0		0	0	0		0	18.1	81.9		23.6	3.5	72.9		
Total %	0.7	35.8	0	36.5	0	0	0	0	0	9	40.9	50	3.2	0.5	9.9	13.5	

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	44	0	44	0	0	0	0	0	**12**	44	56	**6**	0	10	16	116
05:00 PM	0	**50**	0	50	0	0	0	0	0	12	50	62	3	0	9	12	124
05:15 PM	**2**	47	0	49	0	0	0	0	0	9	**61**	**70**	1	0	8	9	128
05:30 PM	1	50	0	**51**	0	0	0	0	0	10	52	62	4	**1**	**14**	**19**	**132**
Total Volume	3	191	0	194	0	0	0	0	0	43	207	250	14	1	41	56	500
% App. Total	1.5	98.5	0		0	0	0		0	17.2	82.8		25	1.8	73.2		
PHF	.375	.955	.000	.951	.000	.000	.000	.000	.000	.896	.848	.893	.583	.250	.732	.737	.947

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Tues PM
Site Code : 19224028
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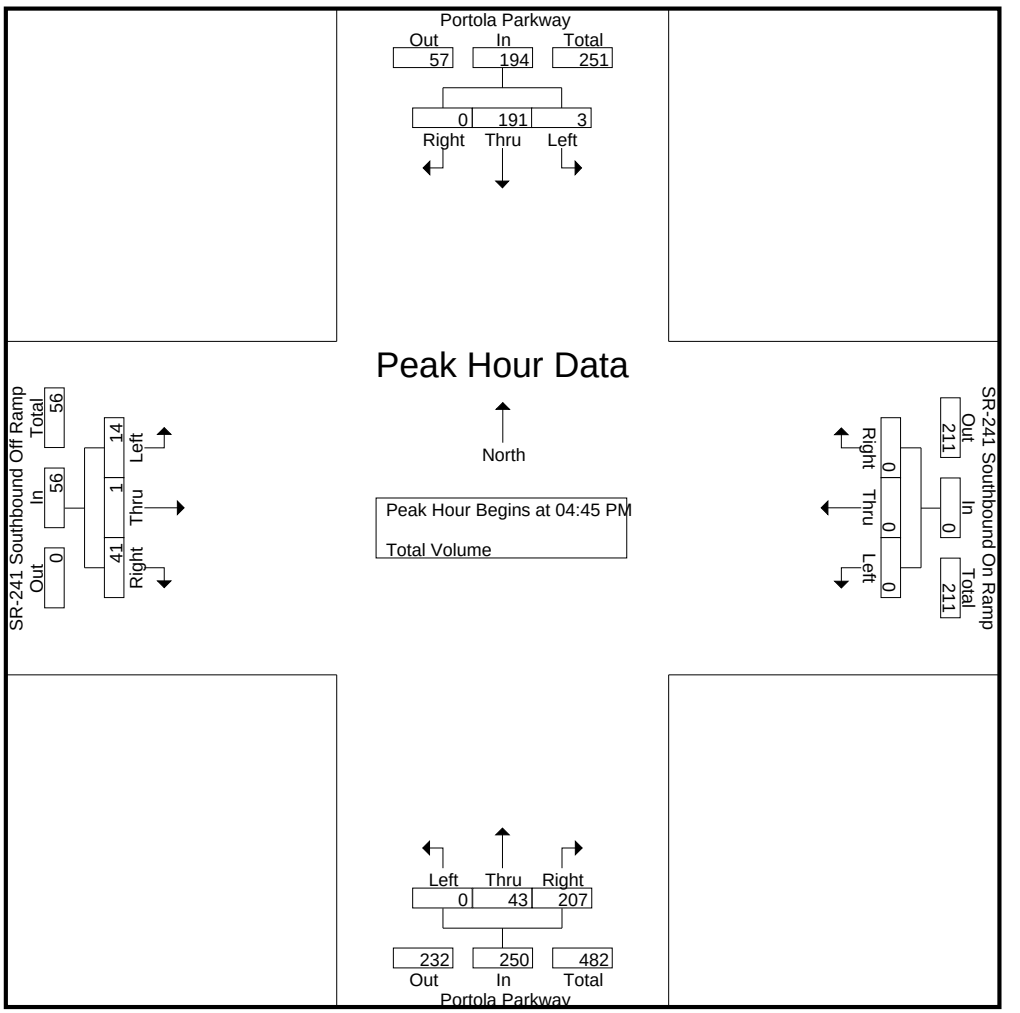

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				05:30 PM			
+0 mins.	0	44	0	44	0	0	0	0	0	**12**	44	56	4	**1**	**14**	**19**
+15 mins.	0	**50**	0	50	0	0	0	0	0	12	50	62	**5**	1	13	19
+30 mins.	**2**	47	0	49	0	0	0	0	0	9	**61**	**70**	3	0	11	14
+45 mins.	1	50	0	**51**	0	0	0	0	0	10	52	62	3	1	11	15
Total Volume	3	191	0	194	0	0	0	0	0	43	207	250	15	3	49	67
% App. Total	1.5	98.5	0		0	0	0		0	17.2	82.8		22.4	4.5	73.1	
PHF	.375	.955	.000	.951	.000	.000	.000	.000	.000	.896	.848	.893	.750	.750	.875	.882

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	16	0	18	0	0	0	0	0	9	16	25	2	0	10	12	55
07:15 AM	0	56	0	56	0	0	0	0	0	19	26	45	1	0	10	11	112
07:30 AM	0	74	0	74	0	0	0	0	0	12	53	65	1	0	15	16	155
07:45 AM	0	38	0	38	0	0	0	0	0	24	62	86	2	2	15	19	143
Total	2	184	0	186	0	0	0	0	0	64	157	221	6	2	50	58	465
08:00 AM	2	44	0	46	0	0	0	0	0	21	39	60	2	0	9	11	117
08:15 AM	0	31	0	31	0	0	0	0	0	25	69	94	4	2	11	17	142
08:30 AM	0	37	0	37	0	0	0	0	0	18	84	102	2	1	14	17	156
08:45 AM	1	29	0	30	0	0	0	0	0	9	37	46	2	0	4	6	82
Total	3	141	0	144	0	0	0	0	0	73	229	302	10	3	38	51	497
Grand Total	5	325	0	330	0	0	0	0	0	137	386	523	16	5	88	109	962
Apprch %	1.5	98.5	0		0	0	0		0	26.2	73.8		14.7	4.6	80.7		
Total %	0.5	33.8	0	34.3	0	0	0	0	0	14.2	40.1	54.4	1.7	0.5	9.1	11.3	

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	38	0	38	0	0	0	0	0	24	62	86	2	**2**	**15**	**19**	143
08:00 AM	**2**	**44**	0	**46**	0	0	0	0	0	21	39	60	2	0	9	11	117
08:15 AM	0	31	0	31	0	0	0	0	0	**25**	69	94	**4**	2	11	17	142
08:30 AM	0	37	0	37	0	0	0	0	0	18	**84**	**102**	2	1	14	17	**156**
Total Volume	2	150	0	152	0	0	0	0	0	88	254	342	10	5	49	64	558
% App. Total	1.3	98.7	0		0	0	0		0	25.7	74.3		15.6	7.8	76.6		
PHF	.250	.852	.000	.826	.000	.000	.000	.000	.000	.880	.756	.838	.625	.625	.817	.842	.894

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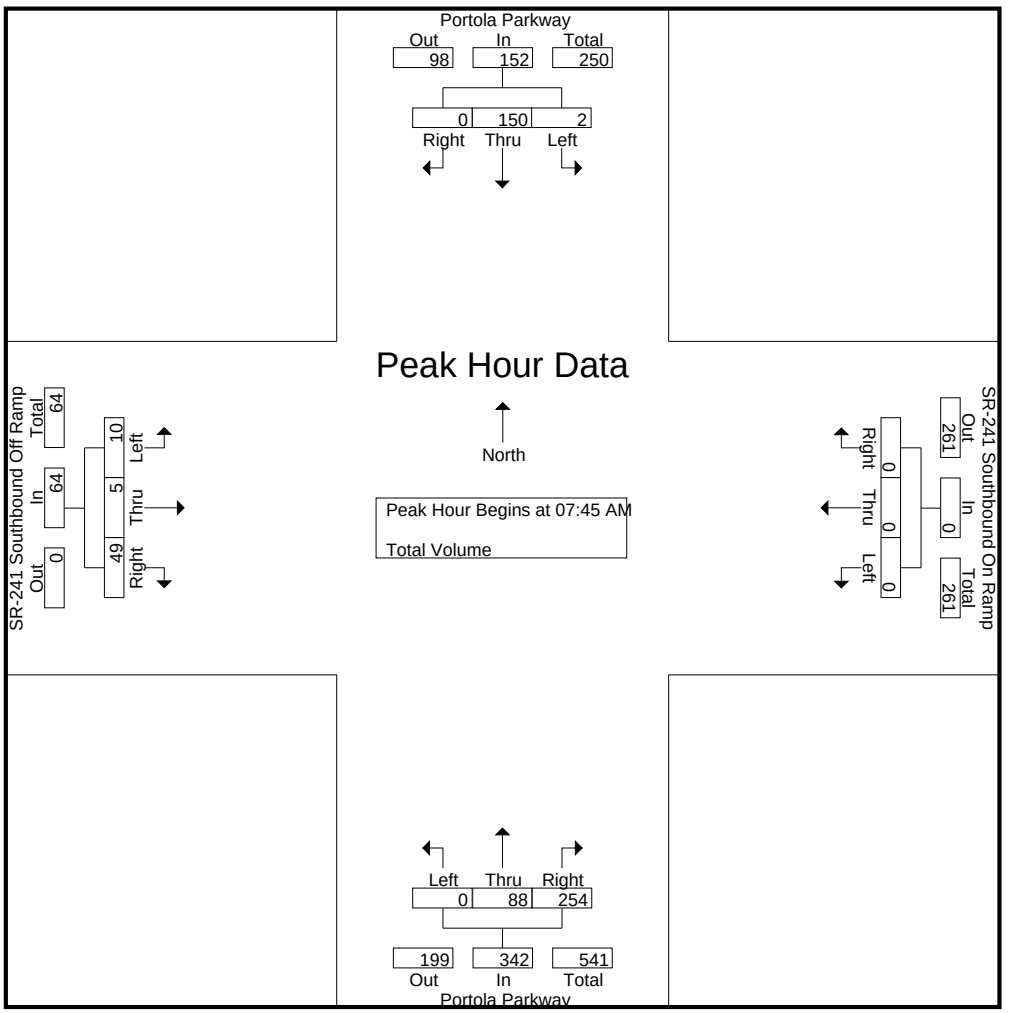
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				07:45 AM				07:45 AM			
+0 mins.	0	56	0	56	0	0	0	0	0	24	62	86	2	**2**	**15**	**19**
+15 mins.	0	**74**	0	**74**	0	0	0	0	0	21	39	60	2	0	9	11
+30 mins.	0	38	0	38	0	0	0	0	0	**25**	69	94	**4**	2	11	17
+45 mins.	**2**	44	0	46	0	0	0	0	0	18	**84**	**102**	2	1	14	17
Total Volume	2	212	0	214	0	0	0	0	0	88	254	342	10	5	49	64
% App. Total	0.9	99.1	0		0	0	0		0	25.7	74.3		15.6	7.8	76.6	
PHF	.250	.716	.000	.723	.000	.000	.000	.000	.000	.880	.756	.838	.625	.625	.817	.842

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City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	33	0	33	0	0	0	0	0	15	41	56	9	1	9	19	108
04:15 PM	0	39	0	39	0	0	0	0	0	11	34	45	4	0	10	14	98
04:30 PM	0	33	0	33	0	0	0	0	0	12	40	52	3	0	9	12	97
04:45 PM	2	47	0	49	0	0	0	0	0	6	44	50	3	0	13	16	115
Total	2	152	0	154	0	0	0	0	0	44	159	203	19	1	41	61	418
05:00 PM	0	69	0	69	0	0	0	0	0	10	39	49	5	0	9	14	132
05:15 PM	0	54	0	54	0	0	0	0	0	16	52	68	1	2	12	15	137
05:30 PM	1	36	0	37	0	0	0	0	0	15	62	77	3	0	8	11	125
05:45 PM	0	37	0	37	0	0	0	0	0	8	35	43	4	0	13	17	97
Total	1	196	0	197	0	0	0	0	0	49	188	237	13	2	42	57	491
06:00 PM	0	39	0	39	0	0	0	0	0	8	37	45	4	0	13	17	101
06:15 PM	1	21	0	22	0	0	0	0	0	11	28	39	0	0	11	11	72
Grand Total	4	408	0	412	0	0	0	0	0	112	412	524	36	3	107	146	1082
Apprch %	1	99	0		0	0	0		0	21.4	78.6		24.7	2.1	73.3		
Total %	0.4	37.7	0	38.1	0	0	0	0	0	10.4	38.1	48.4	3.3	0.3	9.9	13.5	

	Portola Parkway Southbound				SR-241 Southbound On Ramp Westbound				Portola Parkway Northbound				SR-241 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**2**	47	0	49	0	0	0	0	0	6	44	50	3	0	**13**	**16**	115
05:00 PM	0	**69**	0	**69**	0	0	0	0	0	10	39	49	**5**	0	9	14	132
05:15 PM	0	54	0	54	0	0	0	0	0	**16**	52	68	1	**2**	12	15	**137**
05:30 PM	1	36	0	37	0	0	0	0	0	15	**62**	**77**	3	0	8	11	125
Total Volume	3	206	0	209	0	0	0	0	0	47	197	244	12	2	42	56	509
% App. Total	1.4	98.6	0		0	0	0		0	19.3	80.7		21.4	3.6	75		
PHF	.375	.746	.000	.757	.000	.000	.000	.000	.000	.734	.794	.792	.600	.250	.808	.875	.929

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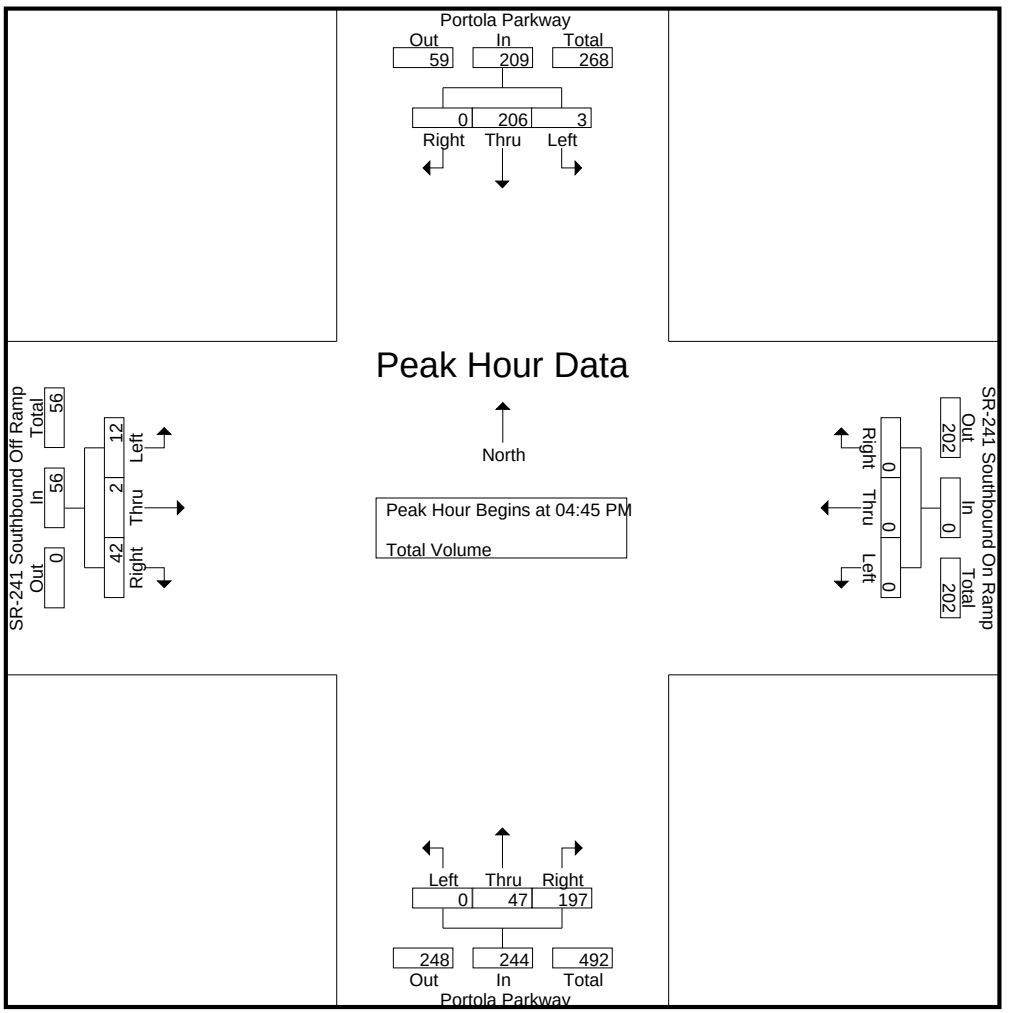
City of Irvine
N/S: Portola Parkway
E/W: SR-241 Southbound Ramps
Weather: Clear

File Name : 325_IRV_Portola_241S Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				04:00 PM			
+0 mins.	**2**	47	0	49	0	0	0	0	0	6	44	50	**9**	**1**	9	**19**
+15 mins.	0	**69**	0	**69**	0	0	0	0	0	10	39	49	4	0	10	14
+30 mins.	0	54	0	54	0	0	0	0	0	**16**	52	68	3	0	9	12
+45 mins.	1	36	0	37	0	0	0	0	0	15	**62**	**77**	3	0	**13**	16
Total Volume	3	206	0	209	0	0	0	0	0	47	197	244	19	1	41	61
% App. Total	1.4	98.6	0		0	0	0		0	19.3	80.7		31.1	1.6	67.2	
PHF	.375	.746	.000	.757	.000	.000	.000	.000	.000	.734	.794	.792	.528	.250	.788	.803

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 SB Ramps

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Portola Parkway	East Leg SR-241 SB Ramps	South Leg Portola Parkway	West Leg SR-241 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	1	0	1	2
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	1	2

	North Leg Portola Parkway	East Leg SR-241 SB Ramps	South Leg Portola Parkway	West Leg SR-241 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	1	2

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 SB Ramps

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Portola Parkway			Westbound SR-241 SB Ramps			Northbound Portola Parkway			Eastbound SR-241 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	2	0	0	0	0	0	2	0	0	0	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	0	0	0	3	0	0	0	0	6

	Southbound Portola Parkway			Westbound SR-241 SB Ramps			Northbound Portola Parkway			Eastbound SR-241 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	1	1	0	0	0	0	3
4:30 PM	0	3	0	0	0	0	2	2	0	0	0	0	7
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	0	0	0	4	6	0	0	0	0	15

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PO Box 1178
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Location: Irvine
N/S: Portola Parkway
E/W: SR-241 SB Ramps

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Portola Parkway	East Leg SR-241 SB Ramps	South Leg Portola Parkway	West Leg SR-241 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	2	0	0	2
7:45 AM	0	2	0	0	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	4	0	0	4

	North Leg Portola Parkway	East Leg SR-241 SB Ramps	South Leg Portola Parkway	West Leg SR-241 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	2	1	0	3
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	2	1	0	3

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Portola Parkway
E/W: SR-241 SB Ramps

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Portola Parkway			Westbound SR-241 SB Ramps			Northbound Portola Parkway			Eastbound SR-241 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	0	0	0	1	0	0	0	0	2

	Southbound Portola Parkway			Westbound SR-241 SB Ramps			Northbound Portola Parkway			Eastbound SR-241 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
5:00 PM	0	3	0	0	0	0	0	2	0	0	0	0	5
5:15 PM	0	2	0	0	0	0	0	2	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
TOTAL VOLUMES:	0	7	0	0	0	0	0	7	0	0	0	0	14

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City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	4	6	13	4	58	5	67	3	5	23	31	7	70	14	91	202
07:15 AM	2	2	4	8	7	128	2	137	3	8	24	35	5	100	13	118	298
07:30 AM	11	6	9	26	7	176	2	185	4	5	16	25	7	113	16	136	372
07:45 AM	3	1	4	8	8	215	3	226	6	5	24	35	4	132	16	152	421
Total	19	13	23	55	26	577	12	615	16	23	87	126	23	415	59	497	1293
08:00 AM	3	5	6	14	7	197	7	211	8	13	19	40	5	138	23	166	431
08:15 AM	3	8	15	26	7	283	8	298	5	8	13	26	2	139	15	156	506
08:30 AM	7	8	6	21	4	250	4	258	13	8	16	37	2	145	24	171	487
08:45 AM	6	1	3	10	5	216	7	228	12	11	17	40	8	97	21	126	404
Total	19	22	30	71	23	946	26	995	38	40	65	143	17	519	83	619	1828
Grand Total	38	35	53	126	49	1523	38	1610	54	63	152	269	40	934	142	1116	3121
Apprch %	30.2	27.8	42.1		3	94.6	2.4		20.1	23.4	56.5		3.6	83.7	12.7		
Total %	1.2	1.1	1.7	4	1.6	48.8	1.2	51.6	1.7	2	4.9	8.6	1.3	29.9	4.5	35.8	

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	1	4	8	**8**	215	3	226	6	5	**24**	35	4	132	16	152	421
08:00 AM	3	5	6	14	7	197	7	211	8	**13**	19	**40**	**5**	138	23	166	431
08:15 AM	3	**8**	**15**	**26**	7	**283**	**8**	**298**	5	8	13	26	2	139	15	156	**506**
08:30 AM	**7**	8	6	21	4	250	4	258	**13**	8	16	37	2	**145**	**24**	**171**	487
Total Volume	16	22	31	69	26	945	22	993	32	34	72	138	13	554	78	645	1845
% App. Total	23.2	31.9	44.9		2.6	95.2	2.2		23.2	24.6	52.2		2	85.9	12.1		
PHF	.571	.688	.517	.663	.813	.835	.688	.833	.615	.654	.750	.863	.650	.955	.813	.943	.912

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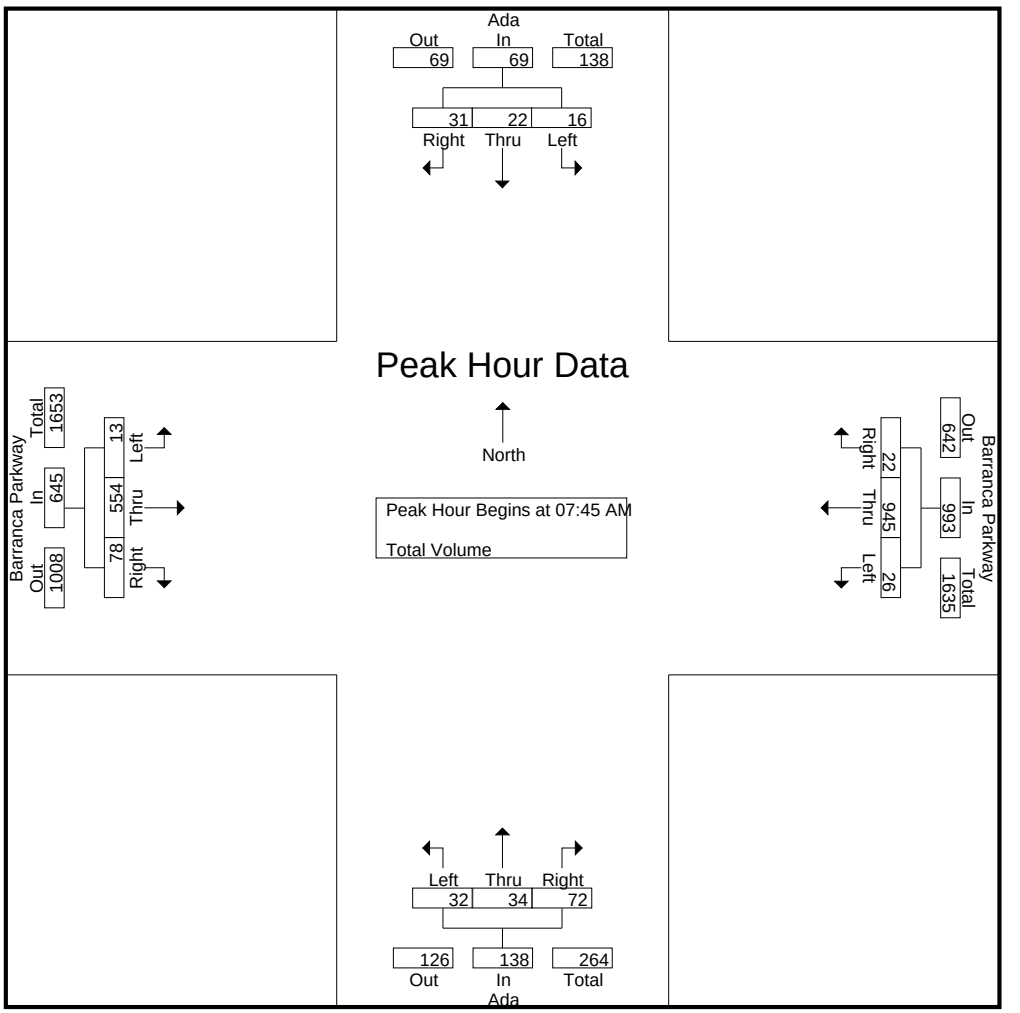
City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	**11**	6	9	**26**	**7**	197	7	211	8	**13**	**19**	**40**	4	132	16	152
+15 mins.	3	1	4	8	7	**283**	**8**	**298**	5	8	13	26	**5**	138	23	166
+30 mins.	3	5	6	14	4	250	4	258	**13**	8	16	37	2	139	15	156
+45 mins.	3	**8**	**15**	26	5	216	7	228	12	11	17	40	2	**145**	**24**	**171**
Total Volume	20	20	34	74	23	946	26	995	38	40	65	143	13	554	78	645
% App. Total	27	27	45.9		2.3	95.1	2.6		26.6	28	45.5		2	85.9	12.1	
PHF	.455	.625	.567	.712	.821	.836	.813	.835	.731	.769	.855	.894	.650	.955	.813	.943

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City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	1	15	18	34	189	3	226	14	4	9	27	7	155	9	171	442
04:15 PM	6	5	9	20	48	192	2	242	21	4	14	39	5	143	12	160	461
04:30 PM	13	5	9	27	20	201	5	226	21	1	14	36	5	149	9	163	452
04:45 PM	7	2	9	18	14	159	3	176	8	6	11	25	6	171	10	187	406
Total	28	13	42	83	116	741	13	870	64	15	48	127	23	618	40	681	1761
05:00 PM	21	5	11	37	11	217	1	229	37	8	18	63	6	224	2	232	561
05:15 PM	6	7	5	18	11	192	4	207	12	1	19	32	2	225	9	236	493
05:30 PM	5	1	9	15	11	168	6	185	9	2	12	23	3	212	3	218	441
05:45 PM	26	9	12	47	13	111	3	127	13	9	5	27	4	189	9	202	403
Total	58	22	37	117	46	688	14	748	71	20	54	145	15	850	23	888	1898
06:00 PM	7	4	4	15	10	123	1	134	14	3	9	26	1	170	7	178	353
06:15 PM	2	2	6	10	8	91	2	101	15	2	8	25	1	126	11	138	274
Grand Total	95	41	89	225	180	1643	30	1853	164	40	119	323	40	1764	81	1885	4286
Apprch %	42.2	18.2	39.6		9.7	88.7	1.6		50.8	12.4	36.8		2.1	93.6	4.3		
Total %	2.2	1	2.1	5.2	4.2	38.3	0.7	43.2	3.8	0.9	2.8	7.5	0.9	41.2	1.9	44	

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	13	5	9	27	**20**	201	**5**	226	21	1	14	36	5	149	9	163	452
04:45 PM	7	2	9	18	14	159	3	176	8	6	11	25	**6**	171	**10**	187	406
05:00 PM	**21**	5	**11**	**37**	11	**217**	1	**229**	**37**	**8**	18	**63**	6	224	2	232	**561**
05:15 PM	6	**7**	5	18	11	192	4	207	12	1	**19**	32	2	**225**	9	**236**	493
Total Volume	47	19	34	100	56	769	13	838	78	16	62	156	19	769	30	818	1912
% App. Total	47	19	34		6.7	91.8	1.6		50	10.3	39.7		2.3	94	3.7		
PHF	.560	.679	.773	.676	.700	.886	.650	.915	.527	.500	.816	.619	.792	.854	.750	.867	.852

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City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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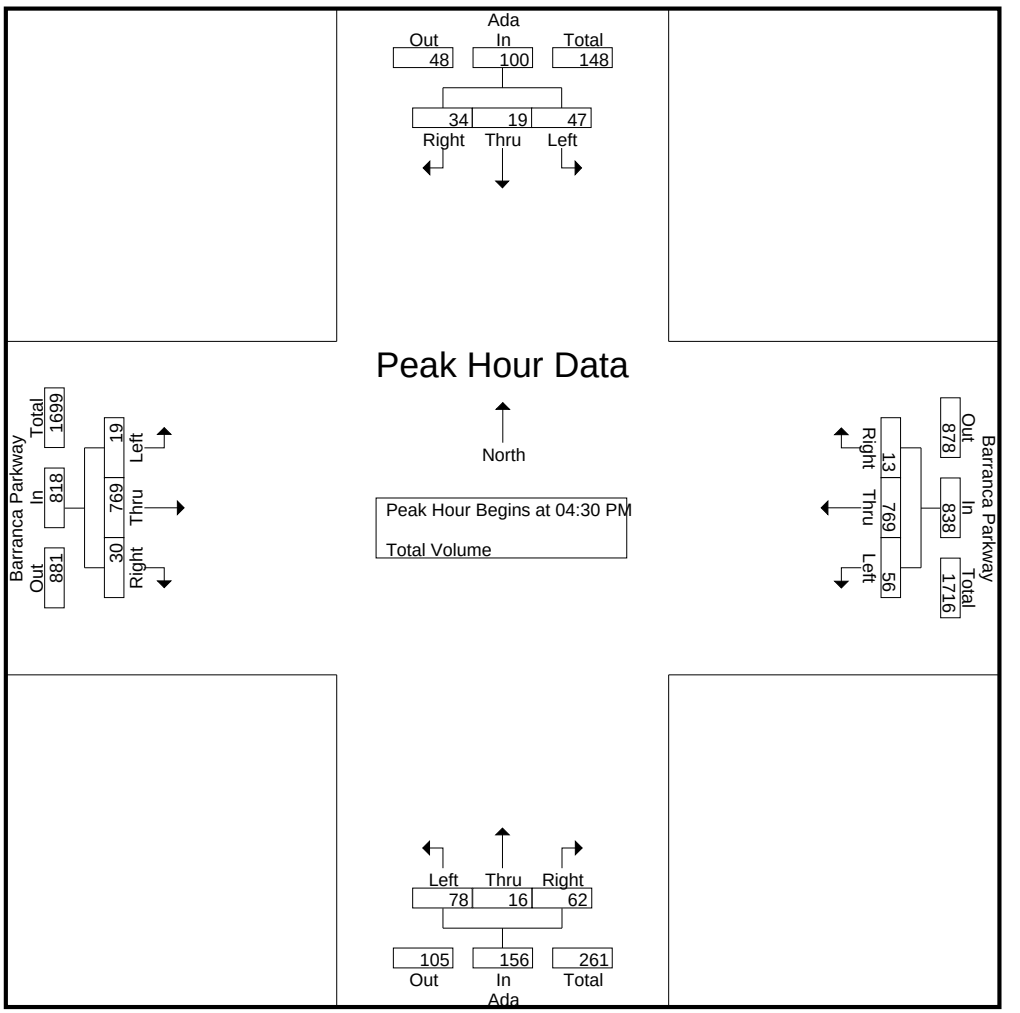

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				04:15 PM				05:00 PM			
+0 mins.	21	5	11	37	**48**	192	2	**242**	21	4	14	39	**6**	224	2	232
+15 mins.	6	7	5	18	20	201	**5**	226	21	1	14	36	2	**225**	**9**	**236**
+30 mins.	5	1	9	15	14	159	3	176	8	6	11	25	3	212	3	218
+45 mins.	**26**	**9**	**12**	**47**	11	**217**	1	229	**37**	**8**	**18**	**63**	4	189	9	202
Total Volume	58	22	37	117	93	769	11	873	87	19	57	163	15	850	23	888
% App. Total	49.6	18.8	31.6		10.7	88.1	1.3		53.4	11.7	35		1.7	95.7	2.6	
PHF	.558	.611	.771	.622	.484	.886	.550	.902	.588	.594	.792	.647	.625	.944	.639	.941

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City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	2	2	8	3	91	2	96	3	8	20	31	1	92	10	103	238
07:15 AM	1	4	2	7	6	119	4	129	1	4	24	29	0	82	6	88	253
07:30 AM	8	1	4	13	8	169	3	180	6	5	28	39	4	101	11	116	348
07:45 AM	8	6	4	18	9	230	4	243	8	4	27	39	6	157	21	184	484
Total	21	13	12	46	26	609	13	648	18	21	99	138	11	432	48	491	1323
08:00 AM	6	3	7	16	5	198	9	212	3	4	18	25	2	115	13	130	383
08:15 AM	2	2	6	10	1	231	6	238	10	3	22	35	5	127	23	155	438
08:30 AM	2	2	4	8	15	219	6	240	9	2	21	32	4	143	18	165	445
08:45 AM	6	5	5	16	11	215	4	230	13	12	17	42	5	136	19	160	448
Total	16	12	22	50	32	863	25	920	35	21	78	134	16	521	73	610	1714
Grand Total	37	25	34	96	58	1472	38	1568	53	42	177	272	27	953	121	1101	3037
Apprch %	38.5	26	35.4		3.7	93.9	2.4		19.5	15.4	65.1		2.5	86.6	11		
Total %	1.2	0.8	1.1	3.2	1.9	48.5	1.3	51.6	1.7	1.4	5.8	9	0.9	31.4	4	36.3	

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**8**	**6**	4	**18**	9	230	4	**243**	8	**4**	**27**	**39**	**6**	**157**	21	**184**	**484**
08:00 AM	6	3	**7**	16	5	198	**9**	212	3	4	18	25	2	115	13	130	383
08:15 AM	2	2	6	10	1	**231**	6	238	**10**	3	22	35	5	127	**23**	155	438
08:30 AM	2	2	4	8	**15**	219	6	240	9	2	21	32	4	143	18	165	445
Total Volume	18	13	21	52	30	878	25	933	30	13	88	131	17	542	75	634	1750
% App. Total	34.6	25	40.4		3.2	94.1	2.7		22.9	9.9	67.2		2.7	85.5	11.8		
PHF	.563	.542	.750	.722	.500	.950	.694	.960	.750	.813	.815	.840	.708	.863	.815	.861	.904

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City of Irvine
N/S: Ada
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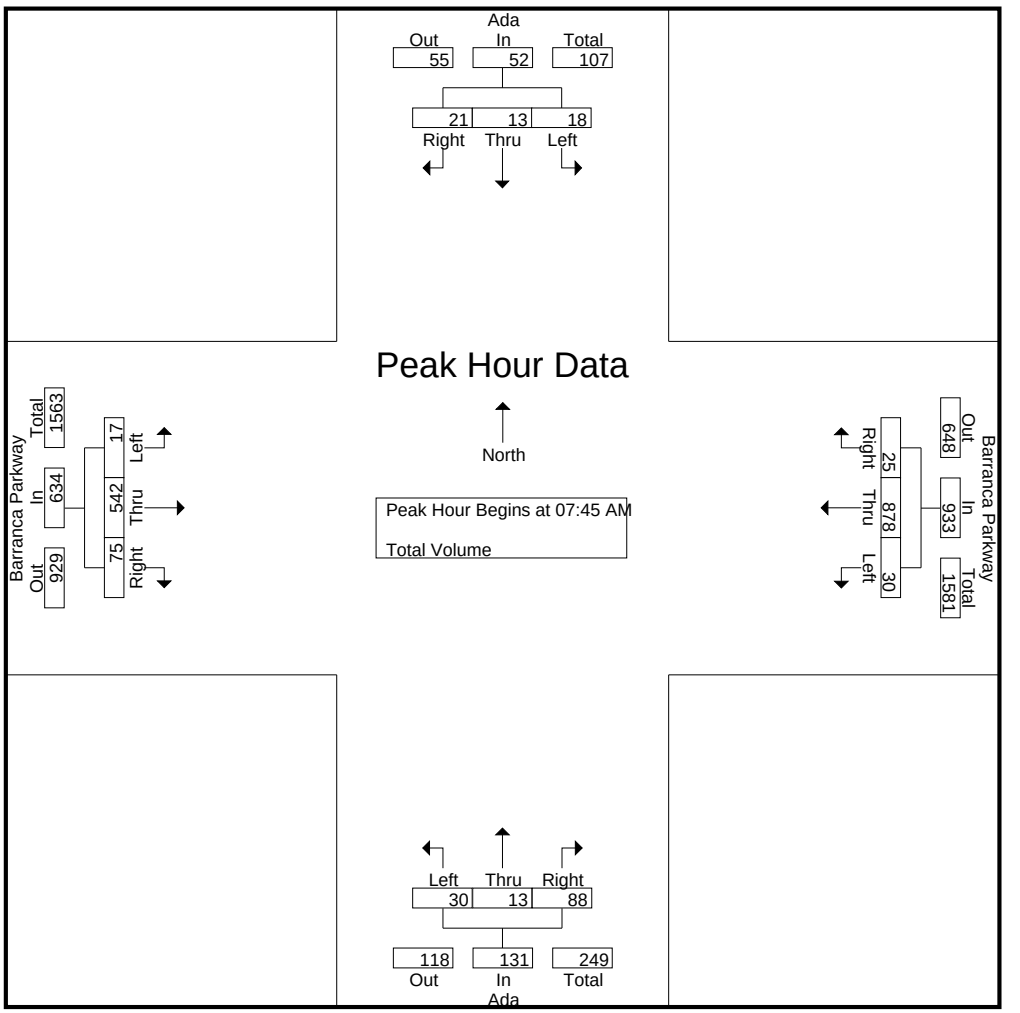
File Name : 326_IRV_Ada_Barr Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:00 AM				07:45 AM			
+0 mins.	**8**	1	4	13	9	230	4	**243**	3	**8**	20	31	**6**	**157**	21	**184**
+15 mins.	8	**6**	4	**18**	5	198	**9**	212	1	4	24	29	2	115	13	130
+30 mins.	6	3	**7**	16	1	**231**	6	238	6	5	**28**	**39**	5	127	**23**	155
+45 mins.	2	2	6	10	**15**	219	6	240	**8**	4	27	39	4	143	18	165
Total Volume	24	12	21	57	30	878	25	933	18	21	99	138	17	542	75	634
% App. Total	42.1	21.1	36.8		3.2	94.1	2.7		13	15.2	71.7		2.7	85.5	11.8	
PHF	.750	.500	.750	.792	.500	.950	.694	.960	.563	.656	.884	.885	.708	.863	.815	.861

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City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	9	4	7	20	31	184	3	218	13	2	12	27	0	143	8	151	416
04:15 PM	6	6	3	15	50	202	7	259	14	2	12	28	1	119	6	126	428
04:30 PM	7	4	13	24	15	205	7	227	12	5	10	27	3	156	6	165	443
04:45 PM	11	7	11	29	12	167	2	181	15	6	19	40	8	164	4	176	426
Total	33	21	34	88	108	758	19	885	54	15	53	122	12	582	24	618	1713
05:00 PM	14	7	6	27	14	206	3	223	20	4	12	36	5	234	4	243	529
05:15 PM	8	7	2	17	10	211	0	221	13	6	13	32	6	186	5	197	467
05:30 PM	14	11	17	42	8	177	2	187	18	4	14	36	7	168	9	184	449
05:45 PM	13	13	8	34	9	131	6	146	10	8	10	28	6	176	7	189	397
Total	49	38	33	120	41	725	11	777	61	22	49	132	24	764	25	813	1842
06:00 PM	5	3	3	11	14	128	1	143	9	2	9	20	4	152	4	160	334
06:15 PM	2	9	12	23	6	96	1	103	13	7	7	27	2	124	4	130	283
Grand Total	89	71	82	242	169	1707	32	1908	137	46	118	301	42	1622	57	1721	4172
Apprch %	36.8	29.3	33.9		8.9	89.5	1.7		45.5	15.3	39.2		2.4	94.2	3.3		
Total %	2.1	1.7	2	5.8	4.1	40.9	0.8	45.7	3.3	1.1	2.8	7.2	1	38.9	1.4	41.3	

	Ada Southbound				Barranca Parkway Westbound				Ada Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	11	7	11	29	12	167	2	181	15	**6**	**19**	**40**	**8**	164	4	176	426
05:00 PM	**14**	7	6	27	**14**	206	**3**	**223**	**20**	4	12	36	5	**234**	4	**243**	**529**
05:15 PM	8	7	2	17	10	**211**	0	221	13	6	13	32	6	186	5	197	467
05:30 PM	14	**11**	**17**	**42**	8	177	2	187	18	4	14	36	7	168	**9**	184	449
Total Volume	47	32	36	115	44	761	7	812	66	20	58	144	26	752	22	800	1871
% App. Total	40.9	27.8	31.3		5.4	93.7	0.9		45.8	13.9	40.3		3.2	94	2.8		
PHF	.839	.727	.529	.685	.786	.902	.583	.910	.825	.833	.763	.900	.813	.803	.611	.823	.884

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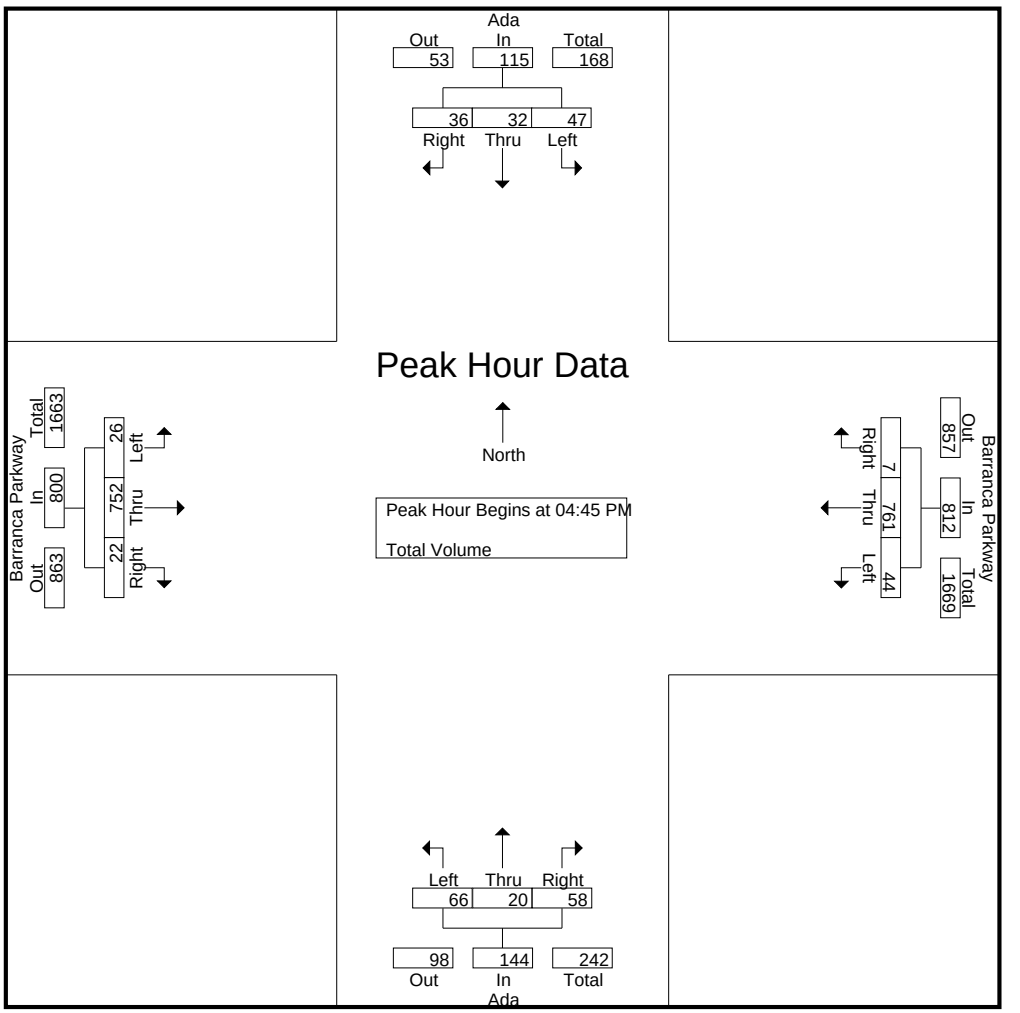
City of Irvine
N/S: Ada
E/W: Barranca Parkway
Weather: Clear

File Name : 326_IRV_Ada_Barr Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				04:45 PM				05:00 PM			
+0 mins.	**14**	7	6	27	**50**	202	**7**	**259**	15	**6**	**19**	**40**	5	**234**	4	**243**
+15 mins.	8	7	2	17	15	205	7	227	**20**	4	12	36	6	186	5	197
+30 mins.	14	11	**17**	**42**	12	167	2	181	13	6	13	32	**7**	168	**9**	184
+45 mins.	13	**13**	8	34	14	**206**	3	223	18	4	14	36	6	176	7	189
Total Volume	49	38	33	120	91	780	19	890	66	20	58	144	24	764	25	813
% App. Total	40.8	31.7	27.5		10.2	87.6	2.1		45.8	13.9	40.3		3	94	3.1	
PHF	.875	.731	.485	.714	.455	.947	.679	.859	.825	.833	.763	.900	.857	.816	.694	.836

Location: Irvine
N/S: Ada
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Ada	East Leg Barranca Parkway	South Leg Ada	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	0	1	2
7:30 AM	1	1	1	3	6
7:45 AM	1	0	0	0	1
8:00 AM	2	14	0	4	20
8:15 AM	1	9	1	0	11
8:30 AM	3	4	0	2	9
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	9	29	2	10	50

	North Leg Ada	East Leg Barranca Parkway	South Leg Ada	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	3	1	2	8
4:15 PM	1	0	1	1	3
4:30 PM	0	4	0	1	5
4:45 PM	0	5	0	3	8
5:00 PM	0	21	1	2	24
5:15 PM	1	4	0	1	6
5:30 PM	0	1	0	1	2
5:45 PM	0	1	1	0	2
6:00 PM	0	1	0	0	1
6:15 PM	1	1	0	1	3
TOTAL VOLUMES:	5	41	4	12	62

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Location: Irvine
N/S: Ada
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Ada			Westbound Barranca Parkway			Northbound Ada			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
7:15 AM	0	1	1	0	0	0	0	0	0	0	2	0	4
7:30 AM	0	0	2	0	1	0	0	0	0	0	0	0	3
7:45 AM	0	0	1	0	2	0	0	0	0	0	0	0	3
8:00 AM	0	1	5	0	0	0	0	0	0	0	1	0	7
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:30 AM	0	1	1	0	1	0	0	0	0	0	1	0	4
8:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
TOTAL VOLUMES:	0	3	10	0	8	0	0	0	0	1	5	0	27

	Southbound Ada			Westbound Barranca Parkway			Northbound Ada			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	1	0	0	2	0	0	0	0	3
4:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	1	1	0	1	0	1	0	0	4
5:00 PM	0	0	0	0	1	0	0	2	0	0	1	0	4
5:15 PM	0	0	0	0	2	0	1	1	0	0	0	0	4
5:30 PM	0	0	0	0	1	0	0	1	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	1	2	0	0	7	1	1	7	1	1	1	0	22

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[redacted]

Location: Irvine
N/S: Ada
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Ada	East Leg Barranca Parkway	South Leg Ada	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	1	2	0	2	5
7:30 AM	0	7	1	11	19
7:45 AM	0	0	0	0	0
8:00 AM	0	9	0	2	11
8:15 AM	0	3	0	0	3
8:30 AM	3	3	0	0	6
8:45 AM	2	9	0	1	12
TOTAL VOLUMES:	6	33	1	16	56

	North Leg Ada	East Leg Barranca Parkway	South Leg Ada	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	4	2	1	7
4:15 PM	0	0	2	0	2
4:30 PM	0	1	0	1	2
4:45 PM	1	5	0	1	7
5:00 PM	0	7	1	2	10
5:15 PM	1	4	0	0	5
5:30 PM	1	1	0	2	4
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	3	23	5	7	38

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Location: Irvine
N/S: Ada
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Ada			Westbound Barranca Parkway			Northbound Ada			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	18	0	0	0	0	0	0	0	18
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	1	1	4	0	0	0	0	0	2	0	0	0	8
7:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:00 AM	0	5	0	0	0	0	0	0	0	0	0	0	5
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	2	0	0	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	1	6	6	0	20	0	0	0	2	0	2	0	37

	Southbound Ada			Westbound Barranca Parkway			Northbound Ada			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	1	0	0	2	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:15 PM	0	0	1	0	1	0	0	2	0	0	1	0	5
5:30 PM	0	0	1	0	1	0	0	0	0	0	1	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	1	0	1	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	2	0	4	0	0	6	1	0	3	0	16

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City of Irvine
N/S: Technology Drive W
E/W: Barranca Parkway
Weather: Clear

File Name : 327_IRV_Tech_Barr Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	7	3	14	7	43	16	66	9	11	2	22	19	119	21	159	261
07:15 AM	7	3	5	15	6	89	25	120	8	17	7	32	20	142	18	180	347
07:30 AM	10	7	1	18	5	121	27	153	12	14	2	28	25	161	35	221	420
07:45 AM	11	12	9	32	15	175	36	226	16	18	9	43	28	211	35	274	575
Total	32	29	18	79	33	428	104	565	45	60	20	125	92	633	109	834	1603
08:00 AM	20	10	5	35	10	146	48	204	21	14	15	50	40	209	31	280	569
08:15 AM	23	10	2	35	9	206	43	258	14	30	7	51	36	184	47	267	611
08:30 AM	22	8	11	41	13	206	37	256	16	25	14	55	37	211	40	288	640
08:45 AM	20	15	6	41	16	155	41	212	27	40	7	74	48	180	54	282	609
Total	85	43	24	152	48	713	169	930	78	109	43	230	161	784	172	1117	2429
Grand Total	117	72	42	231	81	1141	273	1495	123	169	63	355	253	1417	281	1951	4032
Apprch %	50.6	31.2	18.2		5.4	76.3	18.3		34.6	47.6	17.7		13	72.6	14.4		
Total %	2.9	1.8	1	5.7	2	28.3	6.8	37.1	3.1	4.2	1.6	8.8	6.3	35.1	7	48.4	

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	20	10	5	35	10	146	**48**	204	21	14	**15**	50	40	209	31	280	569
08:15 AM	**23**	10	2	35	9	**206**	43	**258**	14	30	7	51	36	184	47	267	611
08:30 AM	22	8	**11**	**41**	13	206	37	256	16	25	14	55	37	**211**	40	**288**	**640**
08:45 AM	20	**15**	6	41	**16**	155	41	212	**27**	**40**	7	**74**	**48**	180	**54**	282	609
Total Volume	85	43	24	152	48	713	169	930	78	109	43	230	161	784	172	1117	2429
% App. Total	55.9	28.3	15.8		5.2	76.7	18.2		33.9	47.4	18.7		14.4	70.2	15.4		
PHF	.924	.717	.545	.927	.750	.865	.880	.901	.722	.681	.717	.777	.839	.929	.796	.970	.949

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File Name : 327_IRV_Tech_Barr Tue AM
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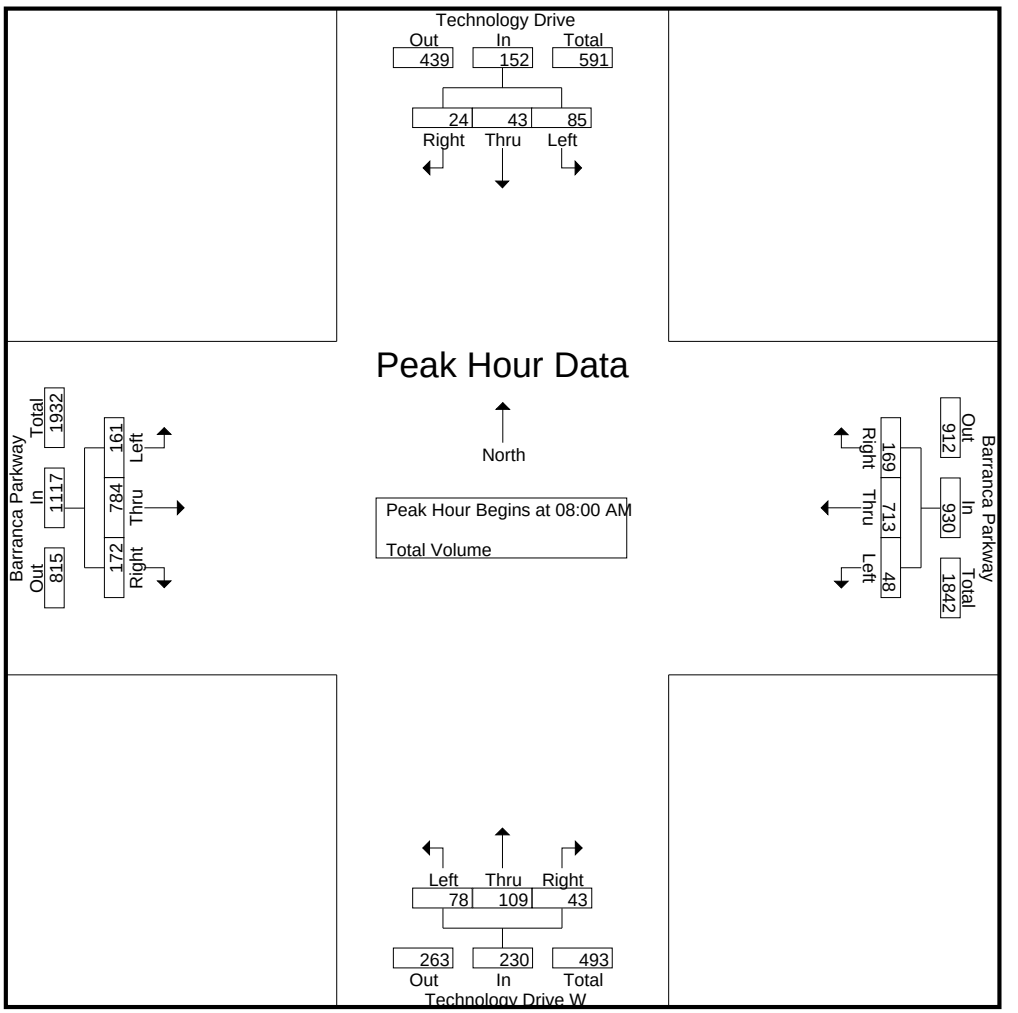

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	20	10	5	35	**15**	175	36	226	21	14	**15**	50	40	209	31	280
+15 mins.	**23**	10	2	35	10	146	**48**	204	14	30	7	51	36	184	47	267
+30 mins.	22	8	**11**	**41**	9	**206**	43	**258**	16	25	14	55	37	**211**	40	**288**
+45 mins.	20	**15**	6	41	13	206	37	256	**27**	**40**	7	**74**	**48**	180	**54**	282
Total Volume	85	43	24	152	47	733	164	944	78	109	43	230	161	784	172	1117
% App. Total	55.9	28.3	15.8		5	77.6	17.4		33.9	47.4	18.7		14.4	70.2	15.4	
PHF	.924	.717	.545	.927	.783	.890	.854	.915	.722	.681	.717	.777	.839	.929	.796	.970

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Weather: Clear

File Name : 327_IRV_Tech_Barr Tue PM
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Groups Printed- Total Volume

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	37	46	127	27	210	17	254	57	25	23	105	4	106	65	175	661
04:15 PM	20	22	35	77	36	204	26	266	57	27	12	96	8	101	54	163	602
04:30 PM	35	28	32	95	31	233	26	290	58	24	11	93	2	108	70	180	658
04:45 PM	40	25	27	92	36	195	11	242	46	14	13	73	7	116	77	200	607
Total	139	112	140	391	130	842	80	1052	218	90	59	367	21	431	266	718	2528
05:00 PM	58	35	65	158	36	279	18	333	61	20	16	97	6	162	91	259	847
05:15 PM	52	37	36	125	41	221	21	283	54	28	17	99	3	144	88	235	742
05:30 PM	38	31	28	97	42	172	18	232	71	22	19	112	10	143	81	234	675
05:45 PM	37	14	38	89	41	154	13	208	45	23	14	82	2	174	66	242	621
Total	185	117	167	469	160	826	70	1056	231	93	66	390	21	623	326	970	2885
06:00 PM	24	23	47	94	27	127	9	163	37	8	16	61	4	131	76	211	529
06:15 PM	20	34	30	84	23	111	11	145	41	25	6	72	10	87	69	166	467
Grand Total	368	286	384	1038	340	1906	170	2416	527	216	147	890	56	1272	737	2065	6409
Apprch %	35.5	27.6	37		14.1	78.9	7		59.2	24.3	16.5		2.7	61.6	35.7		
Total %	5.7	4.5	6	16.2	5.3	29.7	2.7	37.7	8.2	3.4	2.3	13.9	0.9	19.8	11.5	32.2	

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**58**	35	**65**	**158**	36	**279**	18	**333**	61	20	16	97	6	162	**91**	**259**	**847**
05:15 PM	52	**37**	36	125	41	221	**21**	283	54	**28**	17	99	3	144	88	235	742
05:30 PM	38	31	28	97	**42**	172	18	232	**71**	22	**19**	**112**	**10**	143	81	234	675
05:45 PM	37	14	38	89	41	154	13	208	45	23	14	82	2	**174**	66	242	621
Total Volume	185	117	167	469	160	826	70	1056	231	93	66	390	21	623	326	970	2885
% App. Total	39.4	24.9	35.6		15.2	78.2	6.6		59.2	23.8	16.9		2.2	64.2	33.6		
PHF	.797	.791	.642	.742	.952	.740	.833	.793	.813	.830	.868	.871	.525	.895	.896	.936	.852

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File Name : 327_IRV_Tech_Barr Tue PM
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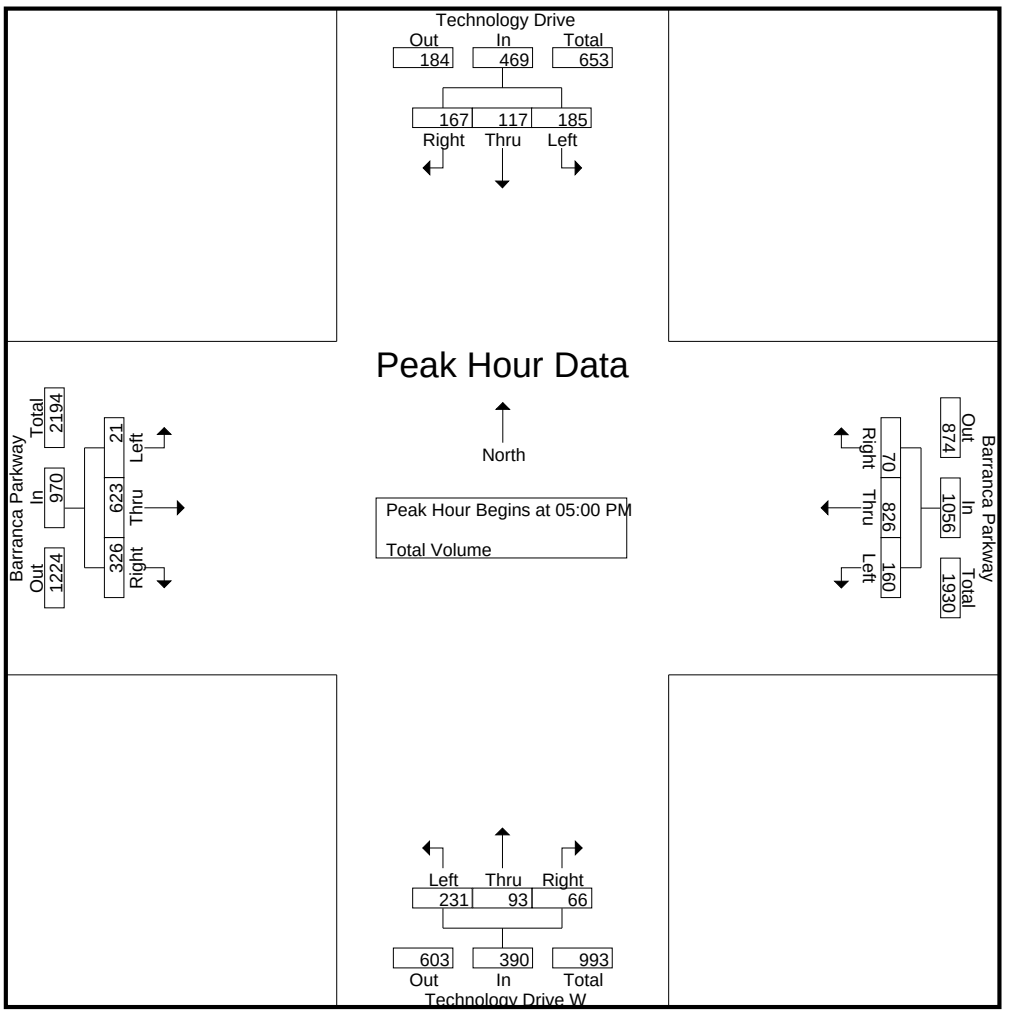

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	40	25	27	92	31	233	**26**	290	61	20	16	97	6	162	**91**	**259**
+15 mins.	**58**	35	**65**	**158**	36	195	11	242	54	**28**	17	99	3	144	88	235
+30 mins.	52	**37**	36	125	36	**279**	18	**333**	**71**	22	**19**	**112**	**10**	143	81	234
+45 mins.	38	31	28	97	**41**	221	21	283	45	23	14	82	2	**174**	66	242
Total Volume	188	128	156	472	144	928	76	1148	231	93	66	390	21	623	326	970
% App. Total	39.8	27.1	33.1		12.5	80.8	6.6		59.2	23.8	16.9		2.2	64.2	33.6	
PHF	.810	.865	.600	.747	.878	.832	.731	.862	.813	.830	.868	.871	.525	.895	.896	.936

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City of Irvine
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File Name : 327_IRV_Tech_Barr Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	6	1	14	10	68	11	89	13	13	7	33	21	112	22	155	291
07:15 AM	6	7	4	17	9	87	19	115	13	7	7	27	20	133	40	193	352
07:30 AM	8	2	6	16	13	114	26	153	11	14	4	29	15	153	34	202	400
07:45 AM	20	9	5	34	9	180	36	225	19	15	15	49	25	191	49	265	573
Total	41	24	16	81	41	449	92	582	56	49	33	138	81	589	145	815	1616
08:00 AM	15	15	8	38	11	157	35	203	18	18	7	43	29	201	42	272	556
08:15 AM	14	11	4	29	13	157	39	209	11	23	6	40	36	181	40	257	535
08:30 AM	18	14	3	35	15	150	37	202	24	26	16	66	38	192	49	279	582
08:45 AM	21	9	5	35	17	169	40	226	13	28	10	51	63	199	44	306	618
Total	68	49	20	137	56	633	151	840	66	95	39	200	166	773	175	1114	2291
Grand Total	109	73	36	218	97	1082	243	1422	122	144	72	338	247	1362	320	1929	3907
Apprch %	50	33.5	16.5		6.8	76.1	17.1		36.1	42.6	21.3		12.8	70.6	16.6		
Total %	2.8	1.9	0.9	5.6	2.5	27.7	6.2	36.4	3.1	3.7	1.8	8.7	6.3	34.9	8.2	49.4	

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	15	**15**	**8**	**38**	11	157	35	203	18	18	7	43	29	**201**	42	272	556
08:15 AM	14	11	4	29	13	157	39	209	11	23	6	40	36	181	40	257	535
08:30 AM	18	14	3	35	15	150	37	202	**24**	26	**16**	**66**	38	192	**49**	279	582
08:45 AM	**21**	9	5	35	**17**	**169**	**40**	**226**	13	**28**	10	51	**63**	199	44	**306**	**618**
Total Volume	68	49	20	137	56	633	151	840	66	95	39	200	166	773	175	1114	2291
% App. Total	49.6	35.8	14.6		6.7	75.4	18		33	47.5	19.5		14.9	69.4	15.7		
PHF	.810	.817	.625	.901	.824	.936	.944	.929	.688	.848	.609	.758	.659	.961	.893	.910	.927

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File Name : 327_IRV_Tech_Barr Thu AM
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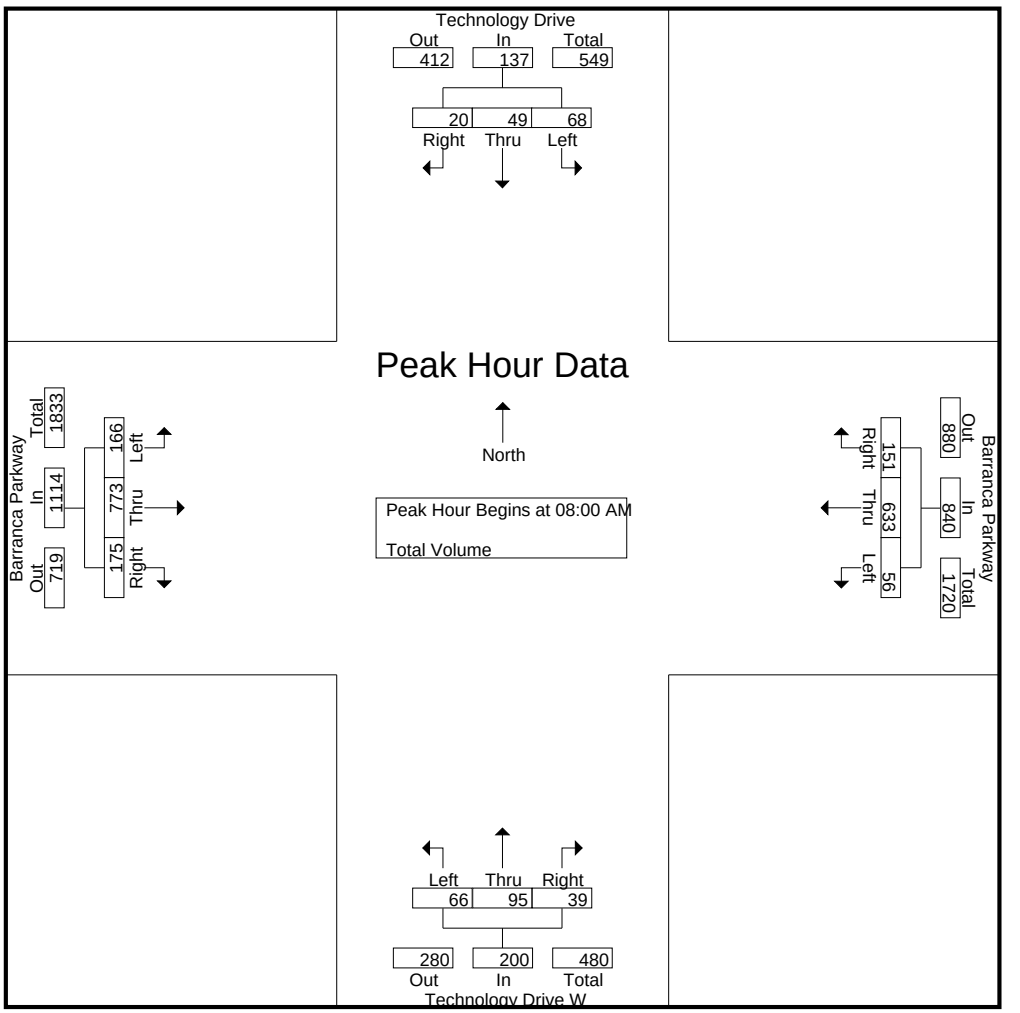

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	15	**15**	**8**	**38**	11	157	35	203	18	18	7	43	29	**201**	42	272
+15 mins.	14	11	4	29	13	157	39	209	11	23	6	40	36	181	40	257
+30 mins.	18	14	3	35	15	150	37	202	**24**	26	**16**	**66**	38	192	**49**	279
+45 mins.	**21**	9	5	35	**17**	**169**	**40**	**226**	13	**28**	10	51	**63**	199	44	**306**
Total Volume	68	49	20	137	56	633	151	840	66	95	39	200	166	773	175	1114
% App. Total	49.6	35.8	14.6		6.7	75.4	18		33	47.5	19.5		14.9	69.4	15.7	
PHF	.810	.817	.625	.901	.824	.936	.944	.929	.688	.848	.609	.758	.659	.961	.893	.910

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File Name : 327_IRV_Tech_Barr Thu PM
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Groups Printed- Total Volume

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	33	26	42	101	38	228	15	281	39	21	13	73	8	93	69	170	625
04:15 PM	19	28	30	77	34	219	15	268	30	20	13	63	2	90	84	176	584
04:30 PM	26	30	40	96	30	219	13	262	56	25	19	100	6	119	81	206	664
04:45 PM	29	21	31	81	35	195	28	258	60	22	17	99	6	105	71	182	620
Total	107	105	143	355	137	861	71	1069	185	88	62	335	22	407	305	734	2493
05:00 PM	37	21	56	114	27	249	33	309	62	17	22	101	2	174	87	263	787
05:15 PM	25	24	30	79	52	255	17	324	53	24	15	92	7	133	88	228	723
05:30 PM	34	31	30	95	44	200	19	263	50	26	16	92	3	134	98	235	685
05:45 PM	27	21	34	82	25	147	18	190	50	17	19	86	2	125	81	208	566
Total	123	97	150	370	148	851	87	1086	215	84	72	371	14	566	354	934	2761
06:00 PM	28	24	38	90	32	123	10	165	43	14	17	74	7	112	80	199	528
06:15 PM	16	21	29	66	32	102	15	149	62	20	18	100	4	88	72	164	479
Grand Total	274	247	360	881	349	1937	183	2469	505	206	169	880	47	1173	811	2031	6261
Apprch %	31.1	28	40.9		14.1	78.5	7.4		57.4	23.4	19.2		2.3	57.8	39.9		
Total %	4.4	3.9	5.7	14.1	5.6	30.9	2.9	39.4	8.1	3.3	2.7	14.1	0.8	18.7	13	32.4	

	Technology Drive Southbound				Barranca Parkway Westbound				Technology Drive W Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	29	21	31	81	35	195	28	258	60	22	17	99	6	105	71	182	620
05:00 PM	**37**	21	**56**	**114**	27	249	**33**	309	**62**	17	**22**	**101**	2	**174**	87	**263**	**787**
05:15 PM	25	24	30	79	**52**	**255**	17	**324**	53	24	15	92	**7**	133	88	228	723
05:30 PM	34	**31**	30	95	44	200	19	263	50	**26**	16	92	3	134	**98**	235	685
Total Volume	125	97	147	369	158	899	97	1154	225	89	70	384	18	546	344	908	2815
% App. Total	33.9	26.3	39.8		13.7	77.9	8.4		58.6	23.2	18.2		2	60.1	37.9		
PHF	.845	.782	.656	.809	.760	.881	.735	.890	.907	.856	.795	.950	.643	.784	.878	.863	.894

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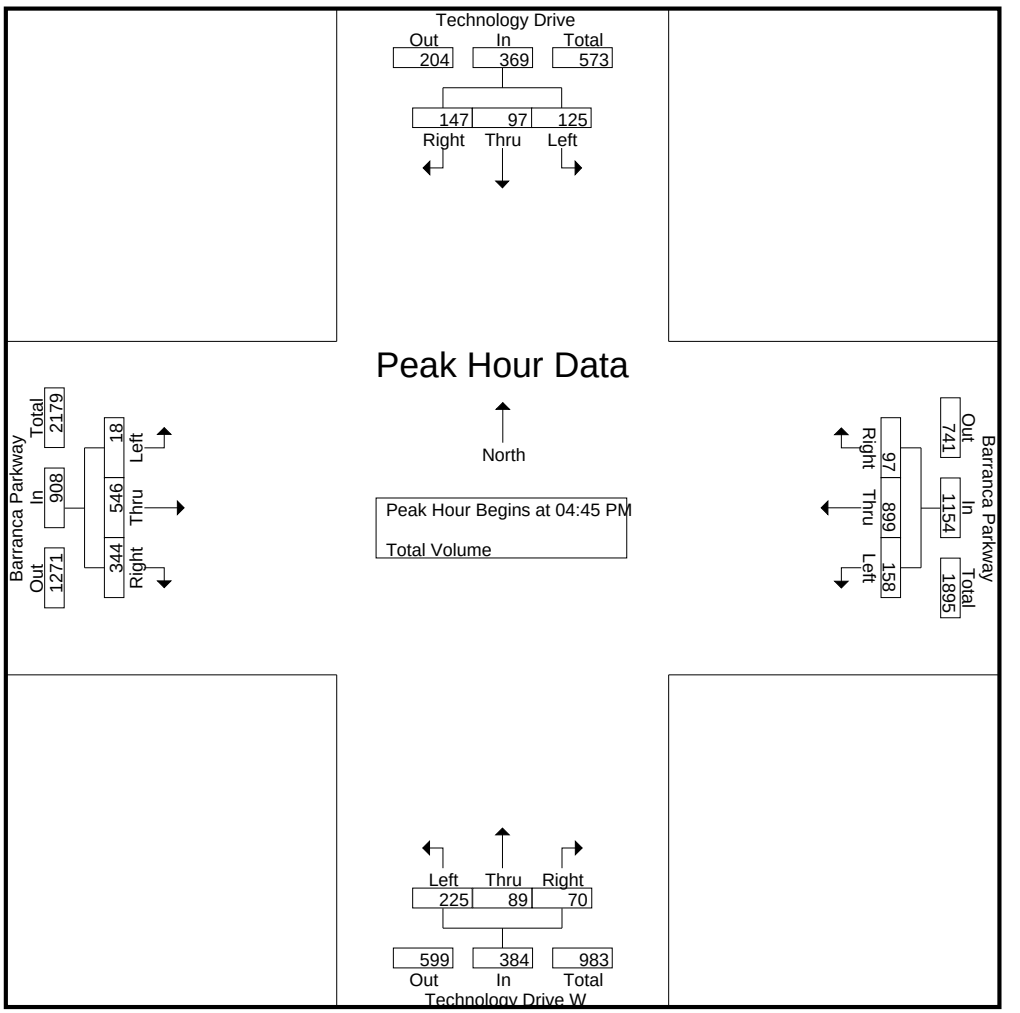

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				04:30 PM				05:00 PM			
+0 mins.	26	**30**	40	96	35	195	28	258	56	**25**	19	100	2	**174**	87	**263**
+15 mins.	29	21	31	81	27	249	**33**	309	60	22	17	99	**7**	133	88	228
+30 mins.	**37**	21	**56**	**114**	**52**	**255**	17	**324**	**62**	17	**22**	**101**	3	134	**98**	235
+45 mins.	25	24	30	79	44	200	19	263	53	24	15	92	2	125	81	208
Total Volume	117	96	157	370	158	899	97	1154	231	88	73	392	14	566	354	934
% App. Total	31.6	25.9	42.4		13.7	77.9	8.4		58.9	22.4	18.6		1.5	60.6	37.9	
PHF	.791	.800	.701	.811	.760	.881	.735	.890	.931	.880	.830	.970	.500	.813	.903	.888

Location: Irvine
N/S: Technology Drive W
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Technology Drive W	East Leg Barranca Parkway	South Leg Technology Drive W	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	1	0	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	0	1
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	2	0	1	1	4

	North Leg Technology Drive W	East Leg Barranca Parkway	South Leg Technology Drive W	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	3	1	0	0	4
4:15 PM	1	0	1	2	4
4:30 PM	0	0	0	0	0
4:45 PM	2	0	1	2	5
5:00 PM	0	1	0	0	1
5:15 PM	1	0	0	0	1
5:30 PM	1	0	0	1	2
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	8	2	2	5	17

Location: Irvine
N/S: Technology Drive W
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Technology Drive W			Westbound Barranca Parkway			Northbound Technology Drive W			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	1	0	0	0	9	0	0	0	0	0	0	0	10
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	1	0	0	3	0	0	0	0	0	0	0	4
7:45 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
8:00 AM	1	0	0	0	2	0	0	0	0	0	0	0	3
8:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:30 AM	1	1	0	0	0	2	0	0	0	0	1	0	5
8:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	4	2	0	0	19	2	0	0	0	0	2	0	29

	Southbound Technology Drive W			Westbound Barranca Parkway			Northbound Technology Drive W			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	3	0	3
4:15 PM	0	0	0	0	1	1	0	1	0	0	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	1	0	1	0	0	1	0	3
5:00 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
5:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	2	1	0	1	0	0	0	0	4
5:45 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	4	5	0	3	0	0	8	0	21

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Location: Irvine
N/S: Technology Drive W
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Technology Drive W	East Leg Barranca Parkway	South Leg Technology Drive W	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	1	0	2
7:30 AM	0	0	0	1	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	1	0	0	1	2
8:30 AM	0	0	0	0	0
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	2	1	1	2	6

	North Leg Technology Drive W	East Leg Barranca Parkway	South Leg Technology Drive W	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	2	0	0	2
4:15 PM	1	0	0	1	2
4:30 PM	0	0	0	1	1
4:45 PM	1	0	1	0	2
5:00 PM	0	2	0	0	2
5:15 PM	1	0	2	0	3
5:30 PM	0	0	0	0	0
5:45 PM	0	0	1	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	4	4	2	13

Location: Irvine
N/S: Technology Drive W
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Technology Drive W			Westbound Barranca Parkway			Northbound Technology Drive W			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	18	0	0	0	0	0	0	0	18
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	6	0	0	0	0	0	1	0	7
7:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:00 AM	0	1	0	0	1	0	0	0	0	0	1	0	3
8:15 AM	1	0	0	0	1	0	0	0	0	0	0	0	2
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	2
TOTAL VOLUMES:	1	2	1	0	27	1	0	1	0	0	3	0	36

	Southbound Technology Drive W			Westbound Barranca Parkway			Northbound Technology Drive W			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	1	0	1	0	0	1	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	1	0	0	0	1	1	0	0	0	0	0	0	3
5:30 PM	0	0	0	0	1	1	0	0	0	0	0	0	2
5:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	2	0	1	0	3	3	0	1	0	0	1	0	11

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

File Name : 328_IRV_5 HOV_Barr Tue AM
Site Code : 19224028
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Groups Printed- Total Volume

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	27	4	31	46	7	53	1	131	132	216
07:15 AM	39	1	40	96	9	105	1	147	148	293
07:30 AM	33	9	42	119	11	130	3	183	186	358
07:45 AM	53	5	58	164	14	178	1	237	238	474
Total	152	19	171	425	41	466	6	698	704	1341
08:00 AM	60	2	62	159	17	176	1	212	213	451
08:15 AM	53	3	56	220	15	235	0	230	230	521
08:30 AM	35	12	47	203	10	213	1	244	245	505
08:45 AM	28	4	32	189	7	196	2	252	254	482
Total	176	21	197	771	49	820	4	938	942	1959
Grand Total	328	40	368	1196	90	1286	10	1636	1646	3300
Apprch %	89.1	10.9		93	7		0.6	99.4		
Total %	9.9	1.2	11.2	36.2	2.7	39	0.3	49.6	49.9	

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	**60**	2	**62**	159	**17**	176	1	212	213	451
08:15 AM	53	3	56	**220**	15	**235**	0	230	230	**521**
08:30 AM	35	**12**	47	203	10	213	1	244	245	505
08:45 AM	28	4	32	189	7	196	**2**	**252**	**254**	482
Total Volume	176	21	197	771	49	820	4	938	942	1959
% App. Total	89.3	10.7		94	6		0.4	99.6		
PHF	.733	.438	.794	.876	.721	.872	.500	.931	.927	.940

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City of Irvine
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File Name : 328_IRV_5 HOV_Barr Tue AM
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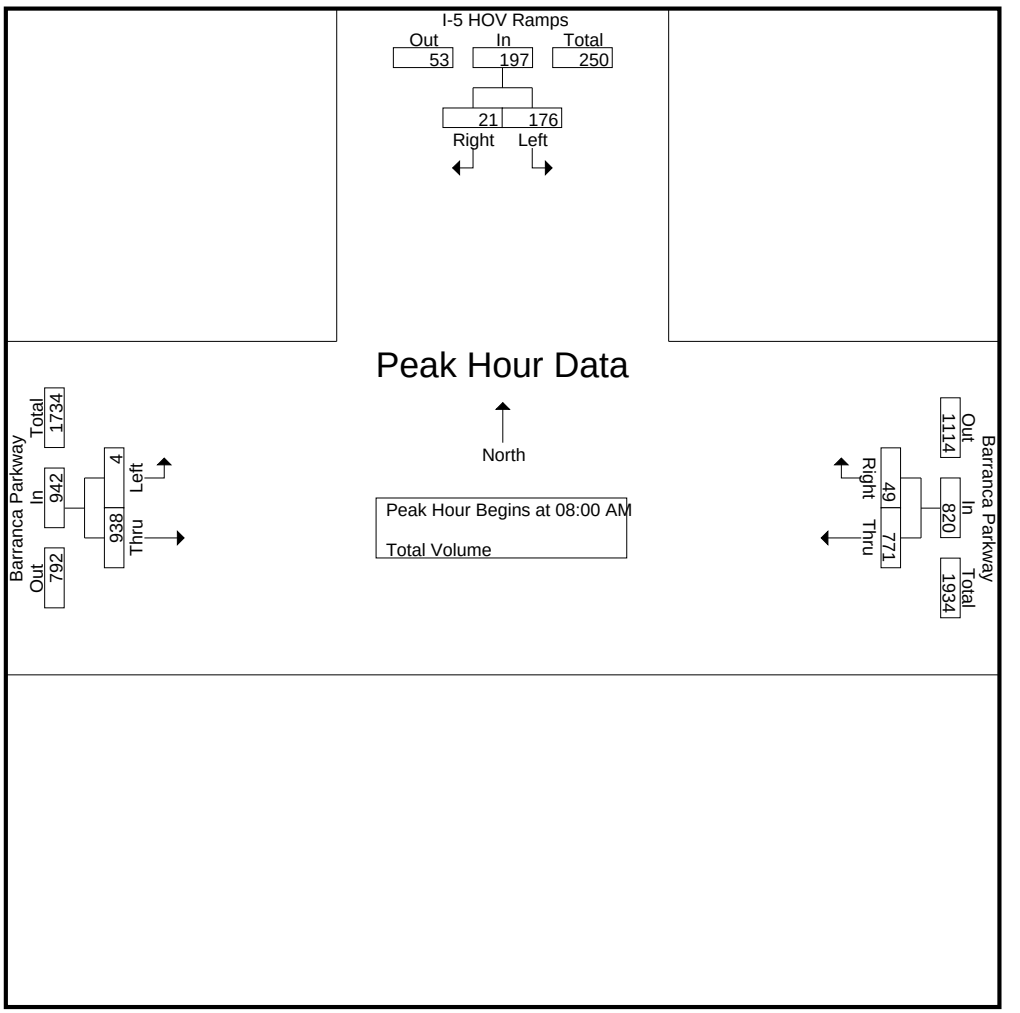

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			08:00 AM		
+0 mins.	53	5	58	159	**17**	176	1	212	213
+15 mins.	**60**	2	**62**	**220**	15	**235**	0	230	230
+30 mins.	53	3	56	203	10	213	1	244	245
+45 mins.	35	**12**	47	189	7	196	**2**	**252**	**254**
Total Volume	201	22	223	771	49	820	4	938	942
% App. Total	90.1	9.9		94	6		0.4	99.6	
PHF	.838	.458	.899	.876	.721	.872	.500	.931	.927

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

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Groups Printed- Total Volume

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	19	0	19	281	30	311	3	156	159	489
04:15 PM	15	0	15	276	23	299	1	160	161	475
04:30 PM	13	1	14	297	22	319	6	158	164	497
04:45 PM	30	2	32	249	18	267	4	181	185	484
Total	77	3	80	1103	93	1196	14	655	669	1945
05:00 PM	32	0	32	360	26	386	5	214	219	637
05:15 PM	25	2	27	299	27	326	5	219	224	577
05:30 PM	25	0	25	258	26	284	0	217	217	526
05:45 PM	32	2	34	217	16	233	4	202	206	473
Total	114	4	118	1134	95	1229	14	852	866	2213
06:00 PM	23	2	25	197	16	213	5	196	201	439
06:15 PM	25	0	25	169	11	180	3	137	140	345
Grand Total	239	9	248	2603	215	2818	36	1840	1876	4942
Apprch %	96.4	3.6		92.4	7.6		1.9	98.1		
Total %	4.8	0.2	5	52.7	4.4	57	0.7	37.2	38	

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	30	**2**	**32**	249	18	267	4	181	185	484
05:00 PM	**32**	0	32	**360**	26	**386**	**5**	214	219	**637**
05:15 PM	25	2	27	299	**27**	326	5	**219**	**224**	577
05:30 PM	25	0	25	258	26	284	0	217	217	526
Total Volume	112	4	116	1166	97	1263	14	831	845	2224
% App. Total	96.6	3.4		92.3	7.7		1.7	98.3		
PHF	.875	.500	.906	.810	.898	.818	.700	.949	.943	.873

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City of Irvine
N/S: I-5 HOV Ramps
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File Name : 328_IRV_5 HOV_Barr Tue PM
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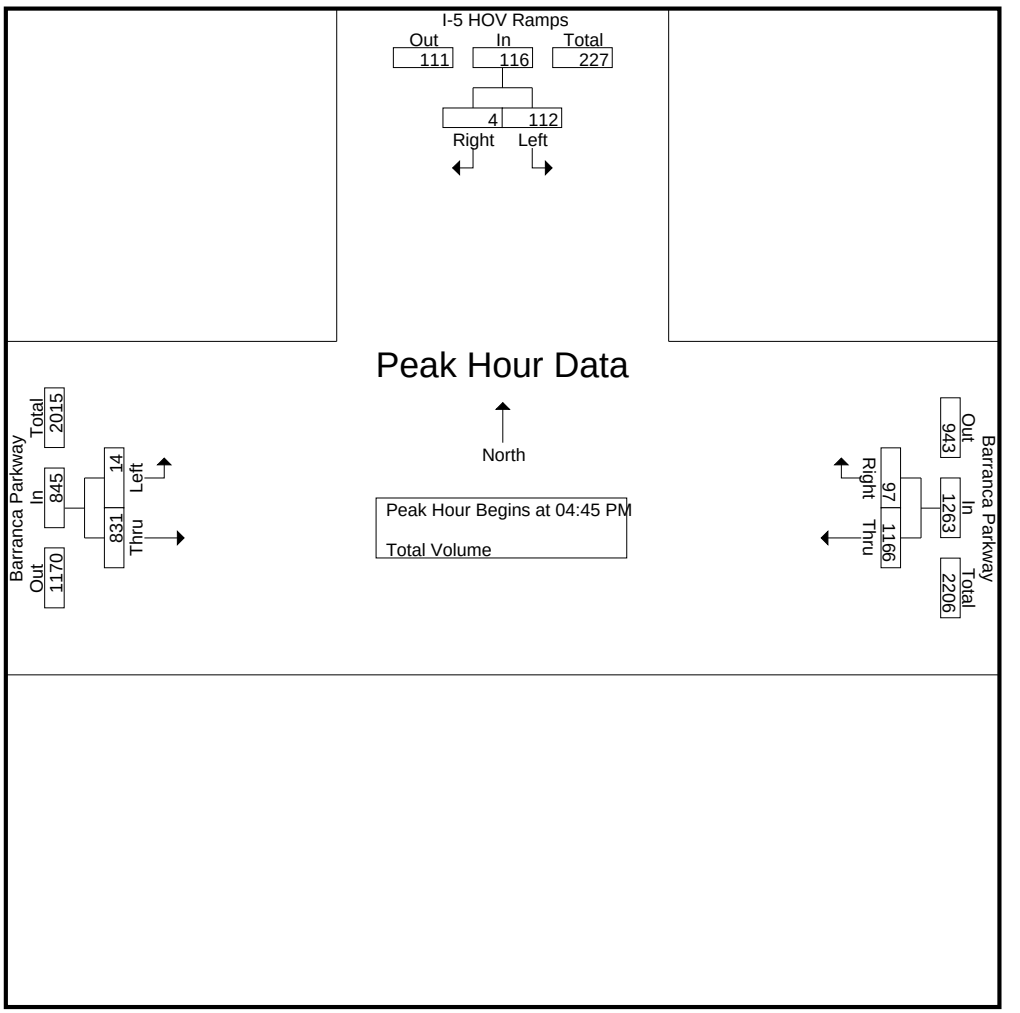

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			05:00 PM		
+0 mins.	**32**	0	32	297	22	319	**5**	214	219
+15 mins.	25	**2**	27	249	18	267	5	**219**	**224**
+30 mins.	25	0	25	**360**	26	**386**	0	217	217
+45 mins.	32	2	**34**	299	**27**	326	4	202	206
Total Volume	114	4	118	1205	93	1298	14	852	866
% App. Total	96.6	3.4		92.8	7.2		1.6	98.4	
PHF	.891	.500	.868	.837	.861	.841	.700	.973	.967

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

File Name : 328_IRV_5 HOV_Barr Thu AM
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Groups Printed- Total Volume

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	33	0	33	70	11	81	1	123	124	238
07:15 AM	27	3	30	89	12	101	1	163	164	295
07:30 AM	40	3	43	123	8	131	0	166	166	340
07:45 AM	50	6	56	181	18	199	2	232	234	489
Total	150	12	162	463	49	512	4	684	688	1362
08:00 AM	56	3	59	160	12	172	2	206	208	439
08:15 AM	51	4	55	150	15	165	0	200	200	420
08:30 AM	28	6	34	188	3	191	2	251	253	478
08:45 AM	37	6	43	177	11	188	3	269	272	503
Total	172	19	191	675	41	716	7	926	933	1840
Grand Total	322	31	353	1138	90	1228	11	1610	1621	3202
Apprch %	91.2	8.8		92.7	7.3		0.7	99.3		
Total %	10.1	1	11	35.5	2.8	38.4	0.3	50.3	50.6	

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	**56**	3	**59**	160	12	172	2	206	208	439
08:15 AM	51	4	55	150	**15**	165	0	200	200	420
08:30 AM	28	**6**	34	**188**	3	**191**	2	251	253	478
08:45 AM	37	6	43	177	11	188	**3**	**269**	**272**	**503**
Total Volume	172	19	191	675	41	716	7	926	933	1840
% App. Total	90.1	9.9		94.3	5.7		0.8	99.2		
PHF	.768	.792	.809	.898	.683	.937	.583	.861	.858	.915

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

File Name : 328_IRV_5 HOV_Barr Thu AM
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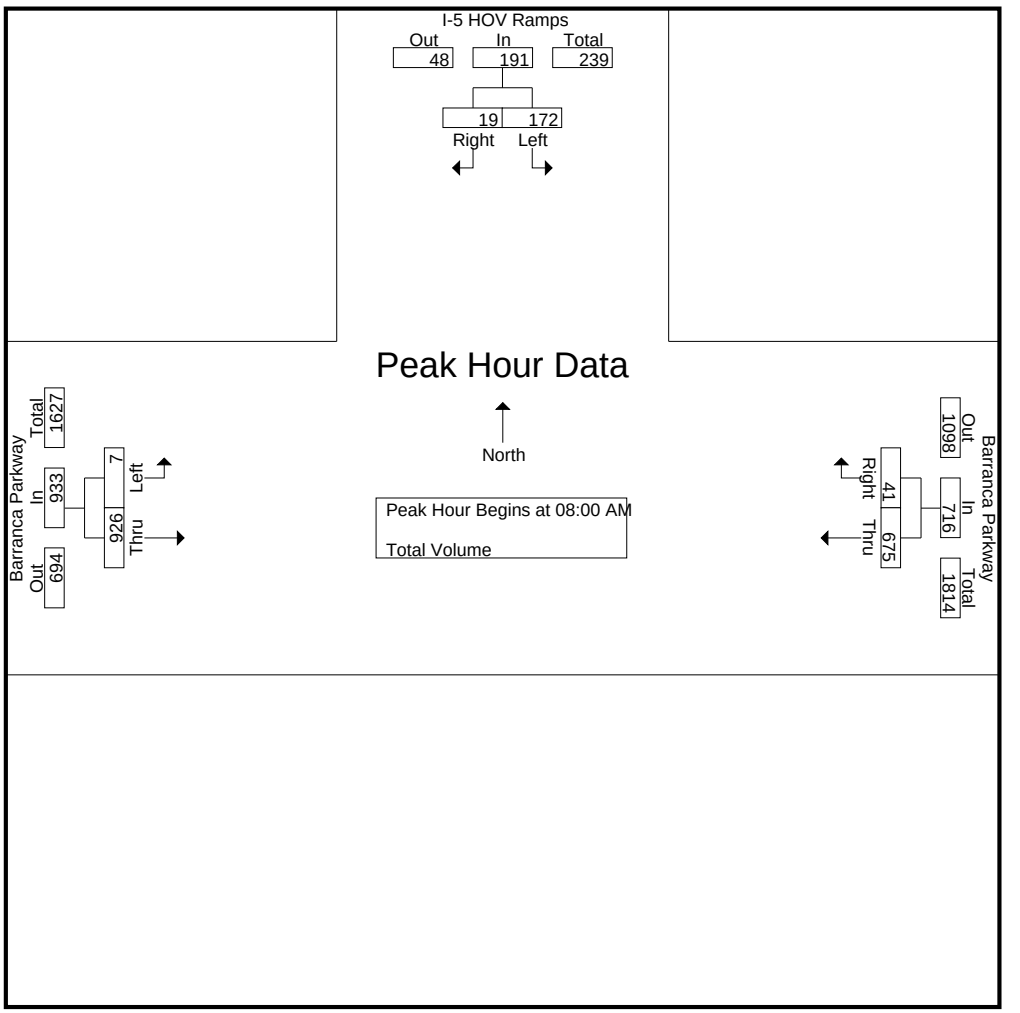

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:45 AM			08:00 AM		
+0 mins.	40	3	43	181	**18**	**199**	2	206	208
+15 mins.	50	**6**	56	160	12	172	0	200	200
+30 mins.	**56**	3	**59**	150	15	165	2	251	253
+45 mins.	51	4	55	**188**	3	191	**3**	**269**	**272**
Total Volume	197	16	213	679	48	727	7	926	933
% App. Total	92.5	7.5		93.4	6.6		0.8	99.2	
PHF	.879	.667	.903	.903	.667	.913	.583	.861	.858

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

File Name : 328_IRV_5 HOV_Barr Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	16	5	21	268	30	298	1	167	168	487
04:15 PM	19	4	23	276	28	304	3	169	172	499
04:30 PM	19	2	21	298	25	323	5	167	172	516
04:45 PM	22	7	29	271	15	286	2	188	190	505
Total	76	18	94	1113	98	1211	11	691	702	2007
05:00 PM	17	1	18	323	32	355	5	229	234	607
05:15 PM	31	0	31	306	24	330	7	197	204	565
05:30 PM	19	6	25	268	17	285	2	228	230	540
05:45 PM	31	3	34	227	16	243	7	192	199	476
Total	98	10	108	1124	89	1213	21	846	867	2188
06:00 PM	21	1	22	188	9	197	8	179	187	406
06:15 PM	19	1	20	183	10	193	4	146	150	363
Grand Total	214	30	244	2608	206	2814	44	1862	1906	4964
Apprch %	87.7	12.3		92.7	7.3		2.3	97.7		
Total %	4.3	0.6	4.9	52.5	4.1	56.7	0.9	37.5	38.4	

	I-5 HOV Ramps Southbound			Barranca Parkway Westbound			Barranca Parkway Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	22	**7**	29	271	15	286	2	188	190	505
05:00 PM	17	1	18	**323**	**32**	**355**	5	**229**	**234**	**607**
05:15 PM	**31**	0	**31**	306	24	330	**7**	197	204	565
05:30 PM	19	6	25	268	17	285	2	228	230	540
Total Volume	89	14	103	1168	88	1256	16	842	858	2217
% App. Total	86.4	13.6		93	7		1.9	98.1		
PHF	.718	.500	.831	.904	.688	.885	.571	.919	.917	.913

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City of Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway
Weather: Clear

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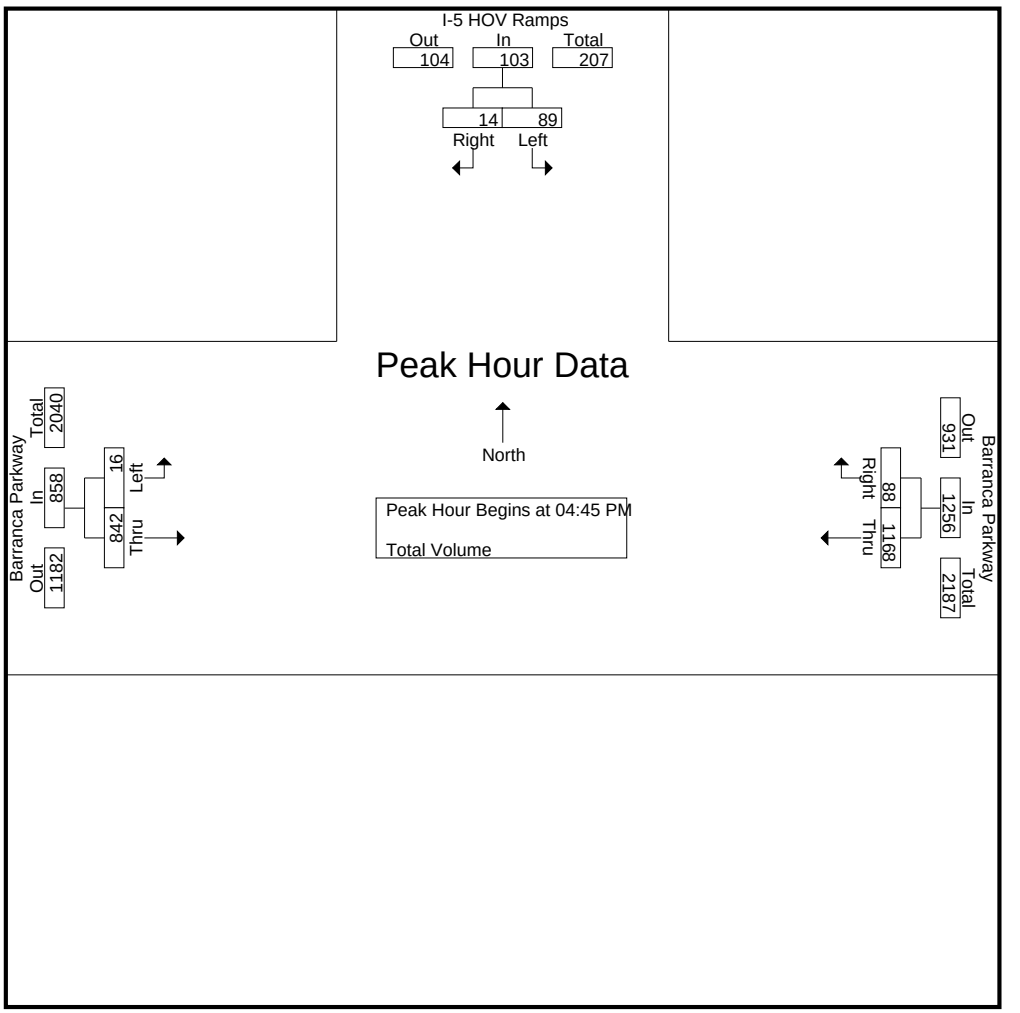

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:15 PM			04:30 PM			05:00 PM		
+0 mins.	**31**	0	31	298	25	323	5	**229**	**234**
+15 mins.	19	**6**	25	271	15	286	**7**	197	204
+30 mins.	31	3	**34**	**323**	**32**	**355**	2	228	230
+45 mins.	21	1	22	306	24	330	7	192	199
Total Volume	102	10	112	1198	96	1294	21	846	867
% App. Total	91.1	8.9		92.6	7.4		2.4	97.6	
PHF	.823	.417	.824	.927	.750	.911	.750	.924	.926

Location: Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg I-5 HOV Ramps	East Leg Barranca Parkway	South Leg Dead End	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	1	0	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	0	1
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	1	0	2	0	3

	North Leg I-5 HOV Ramps	East Leg Barranca Parkway	South Leg Dead End	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	1	0	2
4:15 PM	0	0	3	0	3
4:30 PM	0	0	0	0	0
4:45 PM	2	0	0	0	2
5:00 PM	0	0	1	0	1
5:15 PM	1	0	0	0	1
5:30 PM	0	0	1	0	1
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	5	0	6	0	11

Location: Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound I-5 HOV Ramps			Westbound Barranca Parkway			Northbound Dead End			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	8	0	0	0	0	0	0	0	8
7:15 AM	0	0	0	0	2	0	0	0	0	0	1	0	3
7:30 AM	0	0	0	0	5	0	0	0	0	0	1	0	6
7:45 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
8:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	23	0	0	0	0	0	3	0	26

	Southbound I-5 HOV Ramps			Westbound Barranca Parkway			Northbound Dead End			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	4	0	0	0	0	0	7	0	11

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[redacted]

Location: Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg I-5 HOV Ramps	East Leg Barranca Parkway	South Leg Dead End	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	0	1	0	1

	North Leg I-5 HOV Ramps	East Leg Barranca Parkway	South Leg Dead End	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	0	2
4:15 PM	0	0	0	0	0
4:30 PM	0	0	1	0	1
4:45 PM	1	0	0	0	1
5:00 PM	1	0	1	0	2
5:15 PM	1	0	1	0	2
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	1	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	0	6	0	9

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Location: Irvine
N/S: I-5 HOV Ramps
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound I-5 HOV Ramps			Westbound Barranca Parkway			Northbound Dead End			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	18	0	0	0	0	0	0	0	18
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	0	0	0	5	0	0	0	0	0	2	0	7
7:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	27	0	0	0	0	0	4	0	31

	Southbound I-5 HOV Ramps			Westbound Barranca Parkway			Northbound Dead End			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	3	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	4	0	0	0	0	0	6	0	10

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City of Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 329_IRV_ICD_Barr Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	21	25	2	48	6	23	22	51	3	58	25	86	2	90	5	97	282
07:15 AM	21	45	2	68	5	64	29	98	9	80	30	119	8	101	8	117	402
07:30 AM	42	42	6	90	12	69	36	117	20	103	38	161	6	102	5	113	481
07:45 AM	39	62	3	104	8	108	56	172	27	136	47	210	17	154	16	187	673
Total	123	174	13	310	31	264	143	438	59	377	140	576	33	447	34	514	1838
08:00 AM	24	89	2	115	0	100	74	174	23	151	68	242	24	128	14	166	697
08:15 AM	53	70	10	133	10	110	87	207	22	144	52	218	19	125	13	157	715
08:30 AM	30	58	9	97	13	146	69	228	26	159	56	241	16	152	14	182	748
08:45 AM	49	64	9	122	10	97	81	188	27	161	65	253	17	137	15	169	732
Total	156	281	30	467	33	453	311	797	98	615	241	954	76	542	56	674	2892
Grand Total	279	455	43	777	64	717	454	1235	157	992	381	1530	109	989	90	1188	4730
Apprch %	35.9	58.6	5.5		5.2	58.1	36.8		10.3	64.8	24.9		9.2	83.2	7.6		
Total %	5.9	9.6	0.9	16.4	1.4	15.2	9.6	26.1	3.3	21	8.1	32.3	2.3	20.9	1.9	25.1	

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	24	**89**	2	115	0	100	74	174	23	151	**68**	242	**24**	128	14	166	697
08:15 AM	**53**	70	**10**	**133**	10	110	**87**	207	22	144	52	218	19	125	13	157	715
08:30 AM	30	58	9	97	**13**	**146**	69	**228**	26	159	56	241	16	**152**	14	**182**	**748**
08:45 AM	49	64	9	122	10	97	81	188	**27**	**161**	65	**253**	17	137	**15**	169	732
Total Volume	156	281	30	467	33	453	311	797	98	615	241	954	76	542	56	674	2892
% App. Total	33.4	60.2	6.4		4.1	56.8	39		10.3	64.5	25.3		11.3	80.4	8.3		
PHF	.736	.789	.750	.878	.635	.776	.894	.874	.907	.955	.886	.943	.792	.891	.933	.926	.967

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City of Irvine
N/S: Irvine Center Drive
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File Name : 329_IRV_ICD_Barr Tue AM
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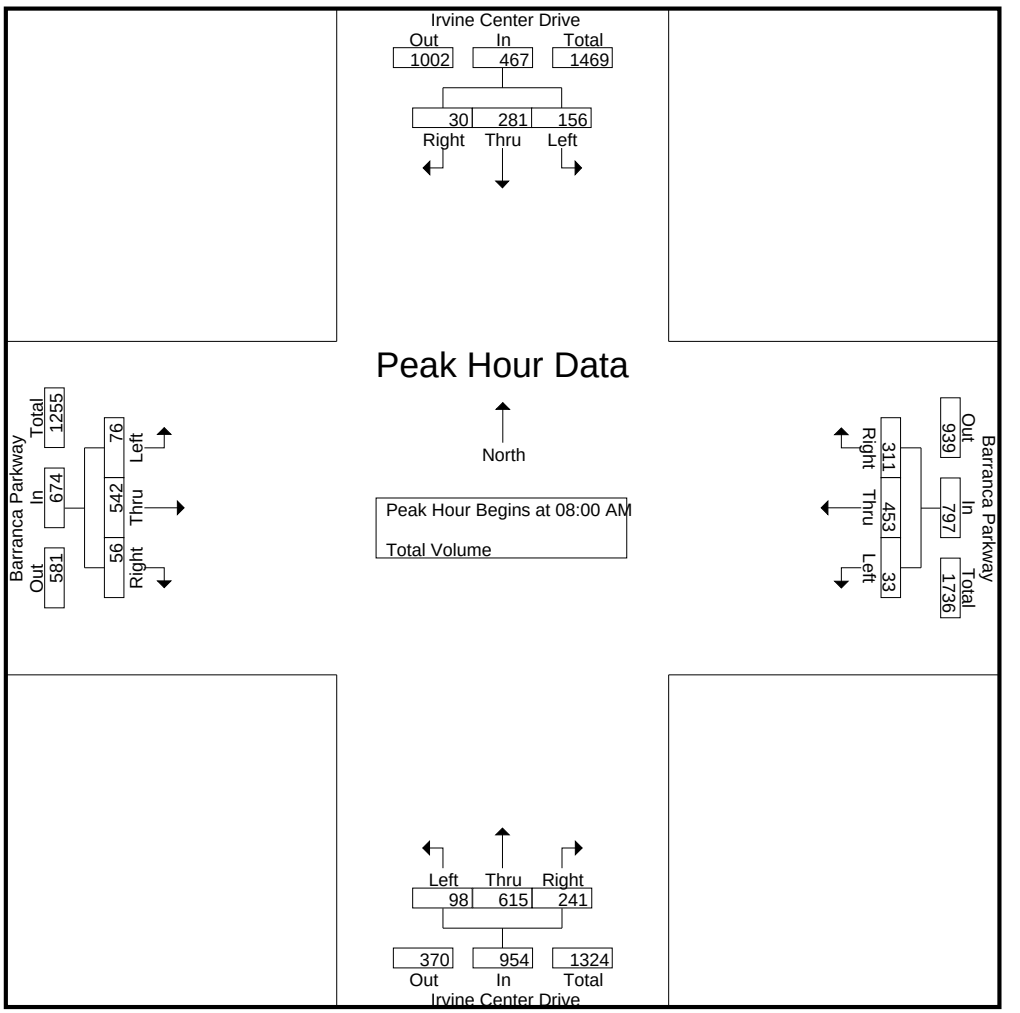

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	24	**89**	2	115	0	100	74	174	23	151	**68**	242	17	**154**	**16**	**187**
+15 mins.	**53**	70	**10**	**133**	10	110	**87**	207	22	144	52	218	**24**	128	14	166
+30 mins.	30	58	9	97	**13**	**146**	69	**228**	26	159	56	241	19	125	13	157
+45 mins.	49	64	9	122	10	97	81	188	**27**	**161**	65	**253**	16	152	14	182
Total Volume	156	281	30	467	33	453	311	797	98	615	241	954	76	559	57	692
% App. Total	33.4	60.2	6.4		4.1	56.8	39		10.3	64.5	25.3		11	80.8	8.2	
PHF	.736	.789	.750	.878	.635	.776	.894	.874	.907	.955	.886	.943	.792	.907	.891	.925

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City of Irvine
N/S: Irvine Center Drive
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File Name : 329_IRV_ICD_Barr Tue PM
Site Code : 19224028
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	47	84	26	157	18	196	67	281	30	118	32	180	6	83	10	99	717
04:15 PM	39	104	24	167	15	194	62	271	25	124	24	173	0	94	10	104	715
04:30 PM	46	117	39	202	29	187	69	285	52	158	46	256	2	76	9	87	830
04:45 PM	63	120	35	218	26	184	59	269	49	121	26	196	5	93	16	114	797
Total	195	425	124	744	88	761	257	1106	156	521	128	805	13	346	45	404	3059
05:00 PM	82	130	50	262	27	227	93	347	46	159	34	239	6	103	22	131	979
05:15 PM	68	170	33	271	25	199	87	311	40	143	55	238	2	105	15	122	942
05:30 PM	82	126	34	242	23	162	56	241	59	129	27	215	4	101	15	120	818
05:45 PM	60	109	30	199	27	152	38	217	31	101	29	161	9	116	14	139	716
Total	292	535	147	974	102	740	274	1116	176	532	145	853	21	425	66	512	3455
06:00 PM	59	101	33	193	13	143	37	193	26	81	30	137	0	111	12	123	646
06:15 PM	32	90	28	150	18	130	34	182	25	77	22	124	1	95	12	108	564
Grand Total	578	1151	332	2061	221	1774	602	2597	383	1211	325	1919	35	977	135	1147	7724
Apprch %	28	55.8	16.1		8.5	68.3	23.2		20	63.1	16.9		3.1	85.2	11.8		
Total %	7.5	14.9	4.3	26.7	2.9	23	7.8	33.6	5	15.7	4.2	24.8	0.5	12.6	1.7	14.8	

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	46	117	39	202	**29**	187	69	285	**52**	158	46	**256**	2	76	9	87	830
04:45 PM	63	120	35	218	26	184	59	269	49	121	26	196	5	93	16	114	797
05:00 PM	**82**	130	**50**	262	27	**227**	**93**	**347**	46	**159**	34	239	**6**	103	**22**	**131**	**979**
05:15 PM	68	**170**	33	**271**	25	199	87	311	40	143	**55**	238	2	**105**	15	122	942
Total Volume	259	537	157	953	107	797	308	1212	187	581	161	929	15	377	62	454	3548
% App. Total	27.2	56.3	16.5		8.8	65.8	25.4		20.1	62.5	17.3		3.3	83	13.7		
PHF	.790	.790	.785	.879	.922	.878	.828	.873	.899	.914	.732	.907	.625	.898	.705	.866	.906

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City of Irvine
N/S: Irvine Center Drive
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Weather: Clear

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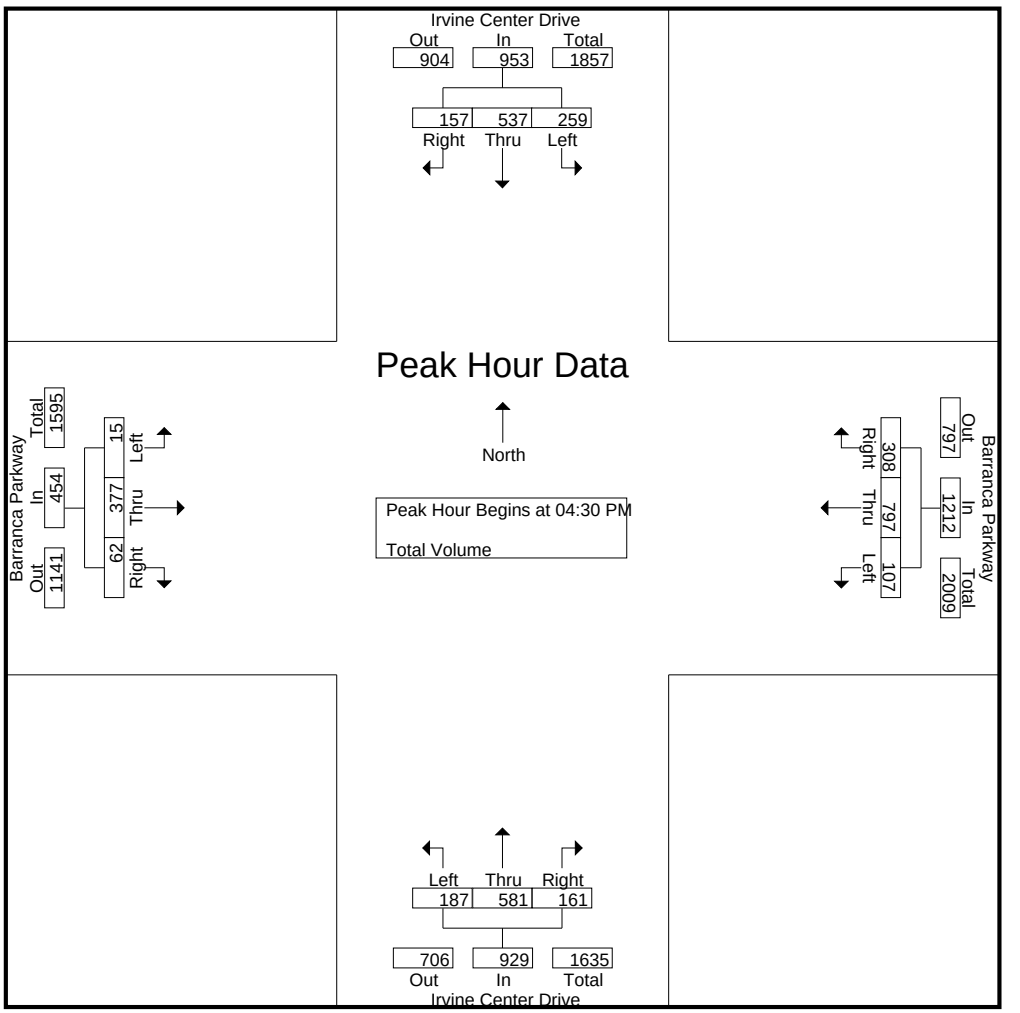

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:30 PM				05:00 PM			
+0 mins.	63	120	35	218	**29**	187	69	285	**52**	158	46	**256**	6	103	**22**	131
+15 mins.	**82**	130	**50**	262	26	184	59	269	49	121	26	196	2	105	15	122
+30 mins.	68	**170**	33	**271**	27	**227**	**93**	**347**	46	**159**	34	239	4	101	15	120
+45 mins.	82	126	34	242	25	199	87	311	40	143	**55**	238	**9**	**116**	14	**139**
Total Volume	295	546	152	993	107	797	308	1212	187	581	161	929	21	425	66	512
% App. Total	29.7	55	15.3		8.8	65.8	25.4		20.1	62.5	17.3		4.1	83	12.9	
PHF	.899	.803	.760	.916	.922	.878	.828	.873	.899	.914	.732	.907	.583	.916	.750	.921

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City of Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 329_IRV_ICD_Barr Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	16	20	2	38	7	38	23	68	14	43	26	83	4	84	7	95	284
07:15 AM	33	30	2	65	11	58	25	94	21	53	35	109	5	99	8	112	380
07:30 AM	29	47	5	81	6	78	42	126	18	73	36	127	9	110	8	127	461
07:45 AM	43	62	2	107	13	107	60	180	19	139	60	218	8	116	15	139	644
Total	121	159	11	291	37	281	150	468	72	308	157	537	26	409	38	473	1769
08:00 AM	24	49	6	79	7	105	60	172	26	131	47	204	17	137	13	167	622
08:15 AM	28	89	5	122	5	101	50	156	18	130	49	197	15	140	24	179	654
08:30 AM	40	70	9	119	13	128	58	199	29	137	59	225	11	148	17	176	719
08:45 AM	44	83	8	135	17	81	78	176	23	149	56	228	12	164	11	187	726
Total	136	291	28	455	42	415	246	703	96	547	211	854	55	589	65	709	2721
Grand Total	257	450	39	746	79	696	396	1171	168	855	368	1391	81	998	103	1182	4490
Apprch %	34.5	60.3	5.2		6.7	59.4	33.8		12.1	61.5	26.5		6.9	84.4	8.7		
Total %	5.7	10	0.9	16.6	1.8	15.5	8.8	26.1	3.7	19	8.2	31	1.8	22.2	2.3	26.3	

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	24	49	6	79	7	105	60	172	26	131	47	204	**17**	137	13	167	622
08:15 AM	28	**89**	5	122	5	101	50	156	18	130	49	197	15	140	**24**	179	654
08:30 AM	40	70	**9**	119	13	**128**	58	**199**	**29**	137	**59**	225	11	148	17	176	719
08:45 AM	**44**	83	8	**135**	**17**	81	**78**	176	23	**149**	56	**228**	12	**164**	11	**187**	**726**
Total Volume	136	291	28	455	42	415	246	703	96	547	211	854	55	589	65	709	2721
% App. Total	29.9	64	6.2		6	59	35		11.2	64.1	24.7		7.8	83.1	9.2		
PHF	.773	.817	.778	.843	.618	.811	.788	.883	.828	.918	.894	.936	.809	.898	.677	.948	.937

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City of Irvine
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File Name : 329_IRV_ICD_Barr Thu AM
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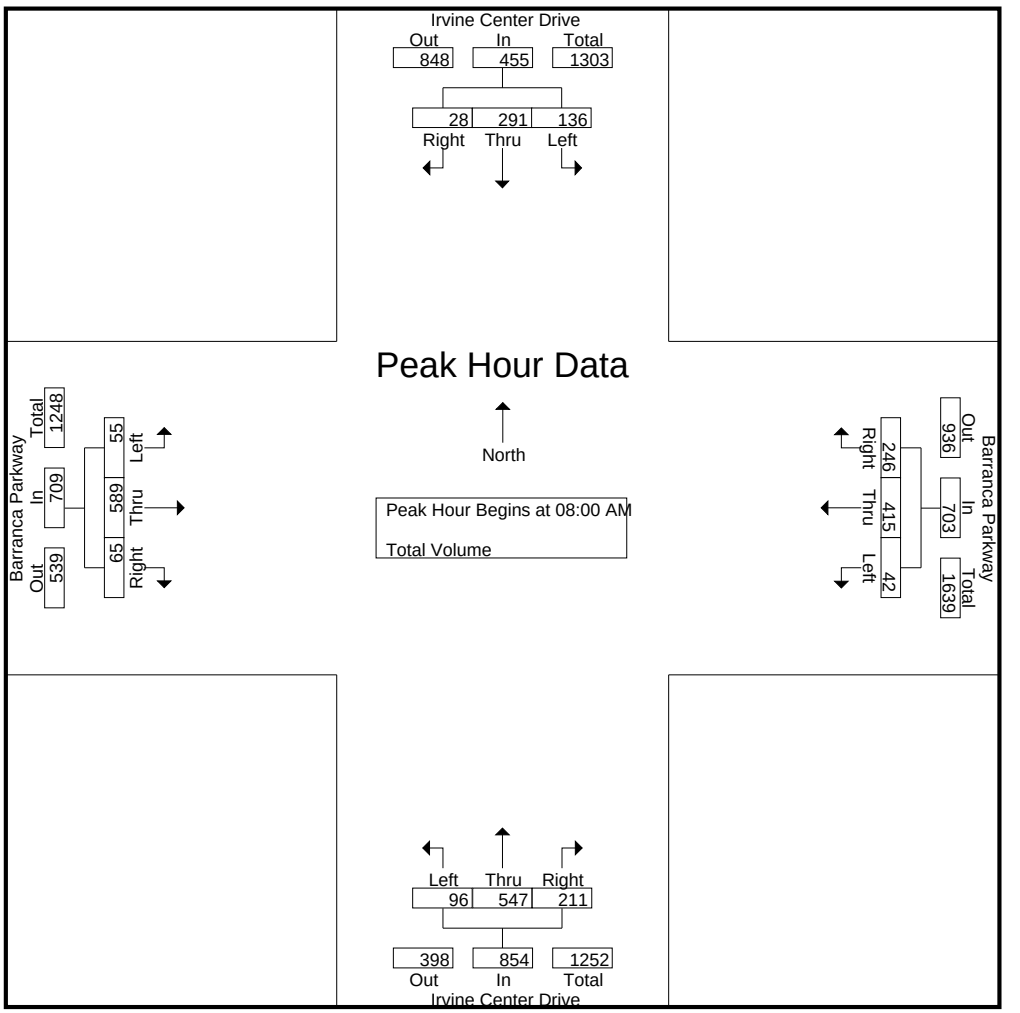

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	24	49	6	79	**13**	107	**60**	180	26	131	47	204	**17**	137	13	167
+15 mins.	28	**89**	5	122	7	105	60	172	18	130	49	197	15	140	**24**	179
+30 mins.	40	70	**9**	119	5	101	50	156	**29**	137	**59**	225	11	148	17	176
+45 mins.	**44**	83	8	**135**	13	**128**	58	**199**	23	**149**	56	**228**	12	**164**	11	**187**
Total Volume	136	291	28	455	38	441	228	707	96	547	211	854	55	589	65	709
% App. Total	29.9	64	6.2		5.4	62.4	32.2		11.2	64.1	24.7		7.8	83.1	9.2	
PHF	.773	.817	.778	.843	.731	.861	.950	.888	.828	.918	.894	.936	.809	.898	.677	.948

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City of Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 329_IRV_ICD_Barr Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	43	78	20	141	27	185	57	269	27	97	32	156	1	91	17	109	675
04:15 PM	49	101	21	171	17	206	65	288	40	139	32	211	3	95	16	114	784
04:30 PM	58	74	28	160	23	188	79	290	35	145	31	211	6	80	11	97	758
04:45 PM	48	98	31	177	19	179	81	279	31	143	41	215	6	100	23	129	800
Total	198	351	100	649	86	758	282	1126	133	524	136	793	16	366	67	449	3017
05:00 PM	74	143	50	267	27	199	77	303	27	147	45	219	2	113	16	131	920
05:15 PM	58	145	33	236	26	194	95	315	36	160	39	235	4	107	20	131	917
05:30 PM	68	113	34	215	20	193	68	281	37	130	43	210	5	114	17	136	842
05:45 PM	54	82	33	169	18	158	55	231	24	107	37	168	5	108	15	128	696
Total	254	483	150	887	91	744	295	1130	124	544	164	832	16	442	68	526	3375
06:00 PM	52	90	28	170	9	138	29	176	19	81	34	134	5	93	19	117	597
06:15 PM	46	100	20	166	26	122	42	190	26	54	21	101	5	77	11	93	550
Grand Total	550	1024	298	1872	212	1762	648	2622	302	1203	355	1860	42	978	165	1185	7539
Apprch %	29.4	54.7	15.9		8.1	67.2	24.7		16.2	64.7	19.1		3.5	82.5	13.9		
Total %	7.3	13.6	4	24.8	2.8	23.4	8.6	34.8	4	16	4.7	24.7	0.6	13	2.2	15.7	

	Irvine Center Drive Southbound				Barranca Parkway Westbound				Irvine Center Drive Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	48	98	31	177	19	179	81	279	31	143	41	215	**6**	100	**23**	129	800
05:00 PM	**74**	143	**50**	**267**	**27**	**199**	77	303	27	147	**45**	219	2	113	16	131	**920**
05:15 PM	58	**145**	33	236	26	194	**95**	**315**	36	**160**	39	**235**	4	107	20	131	917
05:30 PM	68	113	34	215	20	193	68	281	**37**	130	43	210	5	**114**	17	**136**	842
Total Volume	248	499	148	895	92	765	321	1178	131	580	168	879	17	434	76	527	3479
% App. Total	27.7	55.8	16.5		7.8	64.9	27.2		14.9	66	19.1		3.2	82.4	14.4		
PHF	.838	.860	.740	.838	.852	.961	.845	.935	.885	.906	.933	.935	.708	.952	.826	.969	.945

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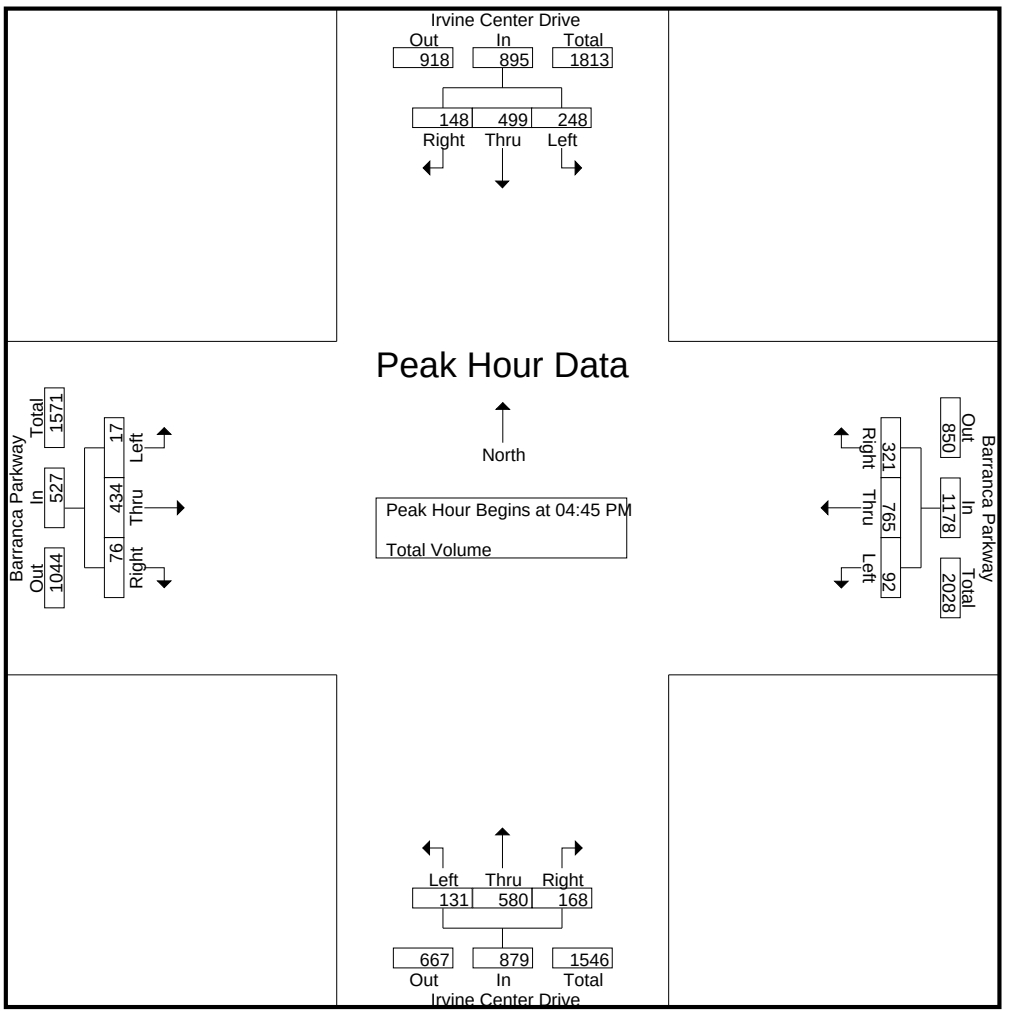
City of Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway
Weather: Clear

File Name : 329_IRV_ICD_Barr Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	48	98	31	177	23	188	79	290	35	145	31	211	**6**	100	**23**	129
+15 mins.	**74**	143	**50**	**267**	19	179	81	279	31	143	41	215	2	113	16	131
+30 mins.	58	**145**	33	236	**27**	**199**	77	303	27	147	**45**	219	4	107	20	131
+45 mins.	68	113	34	215	26	194	**95**	**315**	**36**	**160**	39	**235**	5	**114**	17	**136**
Total Volume	248	499	148	895	95	760	332	1187	129	595	156	880	17	434	76	527
% App. Total	27.7	55.8	16.5		8	64	28		14.7	67.6	17.7		3.2	82.4	14.4	
PHF	.838	.860	.740	.838	.880	.955	.874	.942	.896	.930	.867	.936	.708	.952	.826	.969

Location: Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Barranca Parkway	South Leg Irvine Center Drive	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	3	2	1	6
7:15 AM	1	1	0	1	3
7:30 AM	0	1	0	2	3
7:45 AM	0	1	0	0	1
8:00 AM	0	0	0	2	2
8:15 AM	0	1	2	0	3
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	8	4	6	19

	North Leg Irvine Center Drive	East Leg Barranca Parkway	South Leg Irvine Center Drive	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	1	0	2
4:15 PM	0	0	2	0	2
4:30 PM	1	0	1	1	3
4:45 PM	0	1	0	1	2
5:00 PM	0	4	3	1	8
5:15 PM	1	4	2	1	8
5:30 PM	0	0	0	0	0
5:45 PM	1	0	0	2	3
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	10	9	6	28

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951-268-6268

Location: Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Barranca Parkway			Northbound Irvine Center Drive			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	8	0	0	0	0	0	0	0	8
7:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	1	2	1	0	0	0	0	0	0	4
7:45 AM	0	2	0	0	1	2	0	0	0	0	0	0	5
8:00 AM	0	1	0	0	1	1	0	0	0	0	0	0	3
8:15 AM	0	0	0	0	1	2	0	1	0	0	0	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	3	0	1	15	6	0	2	0	0	1	0	28

	Southbound Irvine Center Drive			Westbound Barranca Parkway			Northbound Irvine Center Drive			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	1	0	0	0	0	0	1	0	2	0	4
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	1	1	0	0	0	2
4:45 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:00 PM	0	0	0	0	1	0	0	3	0	0	2	1	7
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	1	0	0	1	0	0	0	0	0	1	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	4	1	0	3	0	0	4	2	0	7	1	22

Location: Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Barranca Parkway	South Leg Irvine Center Drive	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	1	1
7:30 AM	0	0	2	1	3
7:45 AM	0	1	0	0	1
8:00 AM	0	0	0	1	1
8:15 AM	0	0	0	2	2
8:30 AM	0	0	0	1	1
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	0	1	4	7	12

	North Leg Irvine Center Drive	East Leg Barranca Parkway	South Leg Irvine Center Drive	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	2	0	2
4:30 PM	0	2	1	1	4
4:45 PM	1	0	1	1	3
5:00 PM	1	1	1	2	5
5:15 PM	1	1	0	0	2
5:30 PM	0	0	1	1	2
5:45 PM	0	0	0	2	2
6:00 PM	0	0	0	1	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	4	6	8	21

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951-268-6268

Location: Irvine
N/S: Irvine Center Drive
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Center Drive			Westbound Barranca Parkway			Northbound Irvine Center Drive			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	18	0	0	0	0	0	0	0	19
7:15 AM	0	0	0	0	0	0	0	1	1	0	0	0	2
7:30 AM	0	0	0	0	1	3	0	0	0	0	1	0	5
7:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	1	1	0	0	0	0	1	0	3
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	2	0	0	21	5	0	1	1	0	2	0	32

	Southbound Irvine Center Drive			Westbound Barranca Parkway			Northbound Irvine Center Drive			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	2	0	0	0	0	0	0	1	0	1	0	4
5:00 PM	0	1	0	0	0	0	0	0	0	0	2	0	3
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	2	0	0	0	1	0	4	0	10

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City of Irvine
N/S: Pacifica
E/W: Barranca Parkway
Weather: Clear

File Name : 330_IRV_Pac_Bar AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Pacifica Southbound				Barranca Parkway Westbound				Pacifica Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	2	3	6	1	22	5	28	25	7	53	85	13	46	22	81	200
07:15 AM	0	0	2	2	1	61	6	68	30	12	49	91	19	62	17	98	259
07:30 AM	1	2	3	6	6	81	14	101	34	26	43	103	25	75	31	131	341
07:45 AM	1	1	3	5	1	100	22	123	51	37	67	155	43	116	32	191	474
Total	3	5	11	19	9	264	47	320	140	82	212	434	100	299	102	501	1274
08:00 AM	0	0	8	8	3	126	10	139	47	53	67	167	31	90	45	166	480
08:15 AM	1	2	10	13	5	115	21	141	27	36	55	118	38	104	41	183	455
08:30 AM	2	3	11	16	2	144	20	166	44	34	67	145	26	117	66	209	536
08:45 AM	6	2	6	14	11	112	18	141	46	36	63	145	37	95	48	180	480
Total	9	7	35	51	21	497	69	587	164	159	252	575	132	406	200	738	1951
Grand Total	12	12	46	70	30	761	116	907	304	241	464	1009	232	705	302	1239	3225
Apprch %	17.1	17.1	65.7		3.3	83.9	12.8		30.1	23.9	46		18.7	56.9	24.4		
Total %	0.4	0.4	1.4	2.2	0.9	23.6	3.6	28.1	9.4	7.5	14.4	31.3	7.2	21.9	9.4	38.4	

	Pacifica Southbound				Barranca Parkway Westbound				Pacifica Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	8	8	3	126	10	139	**47**	**53**	**67**	**167**	31	90	45	166	480
08:15 AM	1	2	10	13	5	115	**21**	141	27	36	55	118	**38**	104	41	183	455
08:30 AM	2	**3**	**11**	**16**	2	**144**	20	**166**	44	34	67	145	26	**117**	**66**	**209**	**536**
08:45 AM	**6**	2	6	14	**11**	112	18	141	46	36	63	145	37	95	48	180	480
Total Volume	9	7	35	51	21	497	69	587	164	159	252	575	132	406	200	738	1951
% App. Total	17.6	13.7	68.6		3.6	84.7	11.8		28.5	27.7	43.8		17.9	55	27.1		
PHF	.375	.583	.795	.797	.477	.863	.821	.884	.872	.750	.940	.861	.868	.868	.758	.883	.910

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City of Irvine
N/S: Pacifica
E/W: Barranca Parkway
Weather: Clear

File Name : 330_IRV_Pac_Bar AM
Site Code : 05124139
Start Date : 2/13/2024
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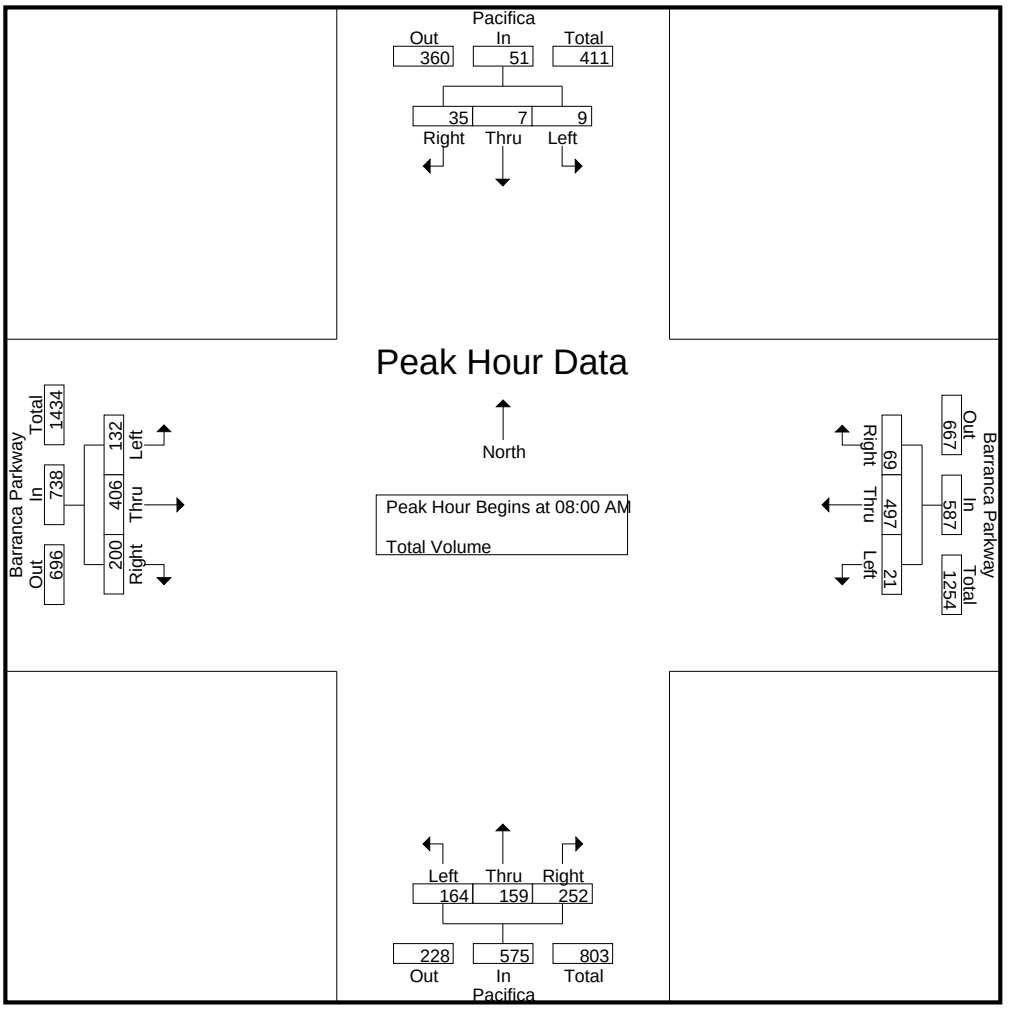

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	0	0	8	8	3	126	10	139	**51**	37	**67**	155	**43**	116	32	191
+15 mins.	1	2	10	13	5	115	**21**	141	47	**53**	67	**167**	31	90	45	166
+30 mins.	2	**3**	**11**	**16**	2	**144**	20	**166**	27	36	55	118	38	104	41	183
+45 mins.	**6**	2	6	14	**11**	112	18	141	44	34	67	145	26	**117**	**66**	**209**
Total Volume	9	7	35	51	21	497	69	587	169	160	256	585	138	427	184	749
% App. Total	17.6	13.7	68.6		3.6	84.7	11.8		28.9	27.4	43.8		18.4	57	24.6	
PHF	.375	.583	.795	.797	.477	.863	.821	.884	.828	.755	.955	.876	.802	.912	.697	.896

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City of Irvine
N/S: Pacifica
E/W: Barranca Parkway
Weather: Clear

File Name : 330_IRV_Pac_Bar PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Pacifica Southbound				Barranca Parkway Westbound				Pacifica Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	16	57	84	16	213	1	230	58	4	26	88	17	50	56	123	525
04:15 PM	7	6	32	45	24	211	6	241	40	9	28	77	18	67	53	138	501
04:30 PM	9	14	37	60	17	273	1	291	47	7	22	76	17	64	71	152	579
04:45 PM	8	11	34	53	12	240	10	262	46	7	25	78	12	81	67	160	553
Total	35	47	160	242	69	937	18	1024	191	27	101	319	64	262	247	573	2158
05:00 PM	14	14	71	99	20	286	4	310	65	6	31	102	24	82	91	197	708
05:15 PM	9	18	51	78	7	289	1	297	51	3	24	78	15	88	73	176	629
05:30 PM	5	9	52	66	22	221	2	245	51	5	36	92	21	83	88	192	595
05:45 PM	9	14	40	63	15	205	4	224	31	4	28	63	25	111	83	219	569
Total	37	55	214	306	64	1001	11	1076	198	18	119	335	85	364	335	784	2501
Grand Total	72	102	374	548	133	1938	29	2100	389	45	220	654	149	626	582	1357	4659
Apprch %	13.1	18.6	68.2		6.3	92.3	1.4		59.5	6.9	33.6		11	46.1	42.9		
Total %	1.5	2.2	8	11.8	2.9	41.6	0.6	45.1	8.3	1	4.7	14	3.2	13.4	12.5	29.1	

	Pacifica Southbound				Barranca Parkway Westbound				Pacifica Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**14**	14	**71**	**99**	20	286	**4**	**310**	**65**	**6**	31	**102**	24	82	**91**	197	**708**
05:15 PM	9	**18**	51	78	7	**289**	1	297	51	3	24	78	15	88	73	176	629
05:30 PM	5	9	52	66	**22**	221	2	245	51	5	**36**	92	21	83	88	192	595
05:45 PM	9	14	40	63	15	205	4	224	31	4	28	63	**25**	**111**	83	**219**	569
Total Volume	37	55	214	306	64	1001	11	1076	198	18	119	335	85	364	335	784	2501
% App. Total	12.1	18	69.9		5.9	93	1		59.1	5.4	35.5		10.8	46.4	42.7		
PHF	.661	.764	.754	.773	.727	.866	.688	.868	.762	.750	.826	.821	.850	.820	.920	.895	.883

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City of Irvine
N/S: Pacifica
E/W: Barranca Parkway
Weather: Clear

File Name : 330_IRV_Pac_Bar PM
Site Code : 05124139
Start Date : 2/13/2024
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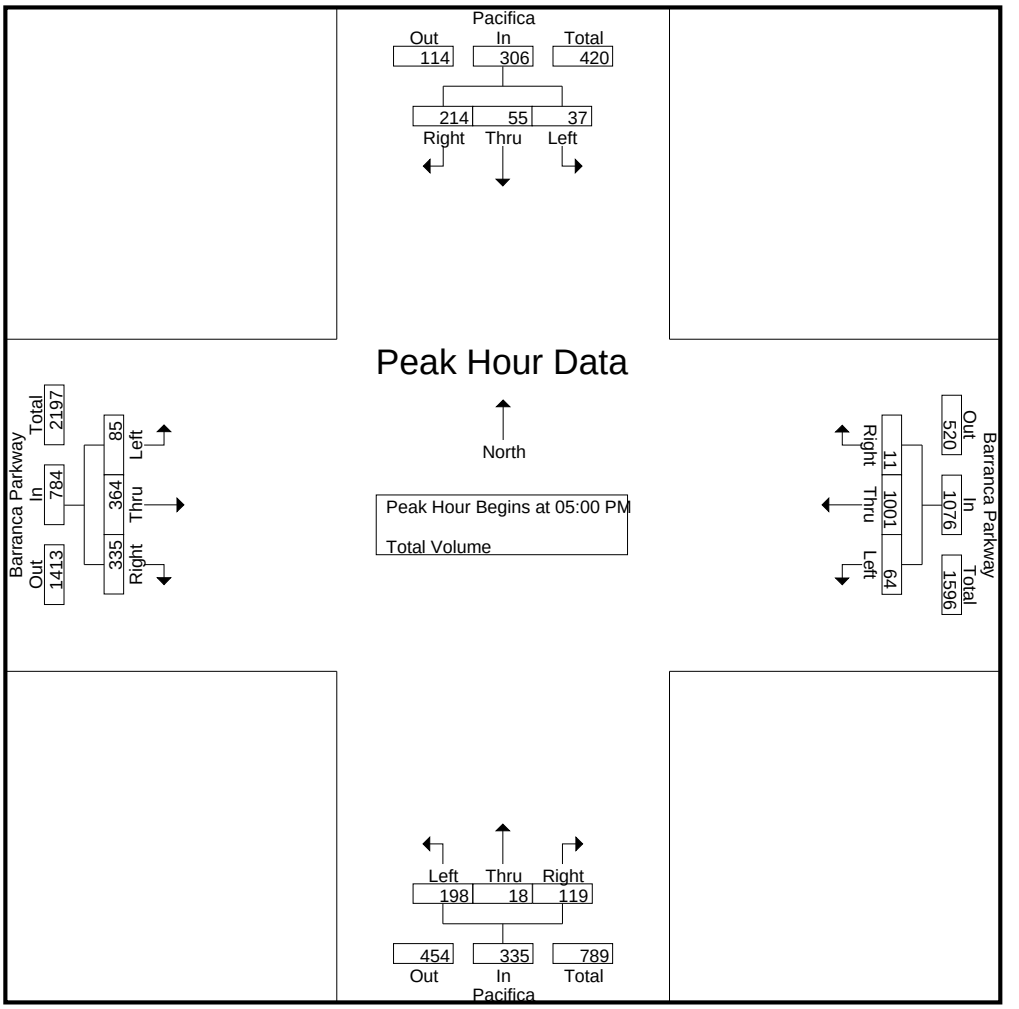

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				04:45 PM				05:00 PM			
+0 mins.	**14**	14	**71**	**99**	17	273	1	291	46	**7**	25	78	24	82	**91**	197
+15 mins.	9	**18**	51	78	12	240	**10**	262	**65**	6	31	**102**	15	88	73	176
+30 mins.	5	9	52	66	**20**	286	4	**310**	51	3	24	78	21	83	88	192
+45 mins.	9	14	40	63	7	**289**	1	297	51	5	**36**	92	**25**	**111**	83	**219**
Total Volume	37	55	214	306	56	1088	16	1160	213	21	116	350	85	364	335	784
% App. Total	12.1	18	69.9		4.8	93.8	1.4		60.9	6	33.1		10.8	46.4	42.7	
PHF	.661	.764	.754	.773	.700	.941	.400	.935	.819	.750	.806	.858	.850	.820	.920	.895

Location: Irvine
N/S: Pacifica
E/W: Barranca Parkway

ITAM: 330
Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Pacifica	East Leg Barranca Parkway	South Leg Pacifica	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	0	0	1
7:30 AM	0	2	1	0	3
7:45 AM	0	0	0	0	0
8:00 AM	0	1	1	0	2
8:15 AM	2	1	2	2	7
8:30 AM	0	0	0	0	0
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	2	6	4	2	14

	North Leg Pacifica	East Leg Barranca Parkway	South Leg Pacifica	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	0	1	1	0	2
4:30 PM	0	0	1	0	1
4:45 PM	1	0	0	1	2
5:00 PM	0	0	2	0	2
5:15 PM	2	0	0	0	2
5:30 PM	0	0	1	0	1
5:45 PM	1	0	0	0	1
TOTAL VOLUMES:	4	2	5	1	12

Location: Irvine
N/S: Pacifica
E/W: Barranca Parkway

ITAM: 330
Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Pacifica			Westbound Barranca Parkway			Northbound Pacifica			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	7	0	0	0	0	0	1	0	8
7:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	12	0	0	0	1	0	1	0	14

	Southbound Pacifica			Westbound Barranca Parkway			Northbound Pacifica			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	1	0	0	0	0	0	0	2	0	3
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	1	0	0	0	0	0	3	0	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	1	2	1	0	0	0	0	7	0	12

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City of Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway
Weather: Clear

File Name : 333_IRV_Paci_Gate Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	12	5	31	2	16	9	27	14	16	3	33	58	44	13	115	206
07:15 AM	7	9	5	21	0	14	10	24	24	13	2	39	71	58	17	146	230
07:30 AM	18	15	9	42	3	18	15	36	36	18	3	57	68	65	17	150	285
07:45 AM	19	14	4	37	6	26	15	47	19	39	3	61	106	107	27	240	385
Total	58	50	23	131	11	74	49	134	93	86	11	190	303	274	74	651	1106
08:00 AM	19	19	13	51	5	23	17	45	23	28	6	57	120	114	30	264	417
08:15 AM	20	17	5	42	0	10	16	26	18	15	7	40	94	94	27	215	323
08:30 AM	35	27	11	73	2	34	20	56	17	28	5	50	94	109	35	238	417
08:45 AM	27	22	10	59	0	24	16	40	31	23	3	57	117	104	24	245	401
Total	101	85	39	225	7	91	69	167	89	94	21	204	425	421	116	962	1558
Grand Total	159	135	62	356	18	165	118	301	182	180	32	394	728	695	190	1613	2664
Apprch %	44.7	37.9	17.4		6	54.8	39.2		46.2	45.7	8.1		45.1	43.1	11.8		
Total %	6	5.1	2.3	13.4	0.7	6.2	4.4	11.3	6.8	6.8	1.2	14.8	27.3	26.1	7.1	60.5	

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	19	19	**13**	51	**5**	23	17	45	23	**28**	6	**57**	**120**	**114**	30	**264**	**417**
08:15 AM	20	17	5	42	0	10	16	26	18	15	**7**	40	94	94	27	215	323
08:30 AM	**35**	**27**	11	**73**	2	**34**	**20**	**56**	17	28	5	50	94	109	**35**	238	417
08:45 AM	27	22	10	59	0	24	16	40	**31**	23	3	57	117	104	24	245	401
Total Volume	101	85	39	225	7	91	69	167	89	94	21	204	425	421	116	962	1558
% App. Total	44.9	37.8	17.3		4.2	54.5	41.3		43.6	46.1	10.3		44.2	43.8	12.1		
PHF	.721	.787	.750	.771	.350	.669	.863	.746	.718	.839	.750	.895	.885	.923	.829	.911	.934

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File Name : 333_IRV_Paci_Gate Tue AM
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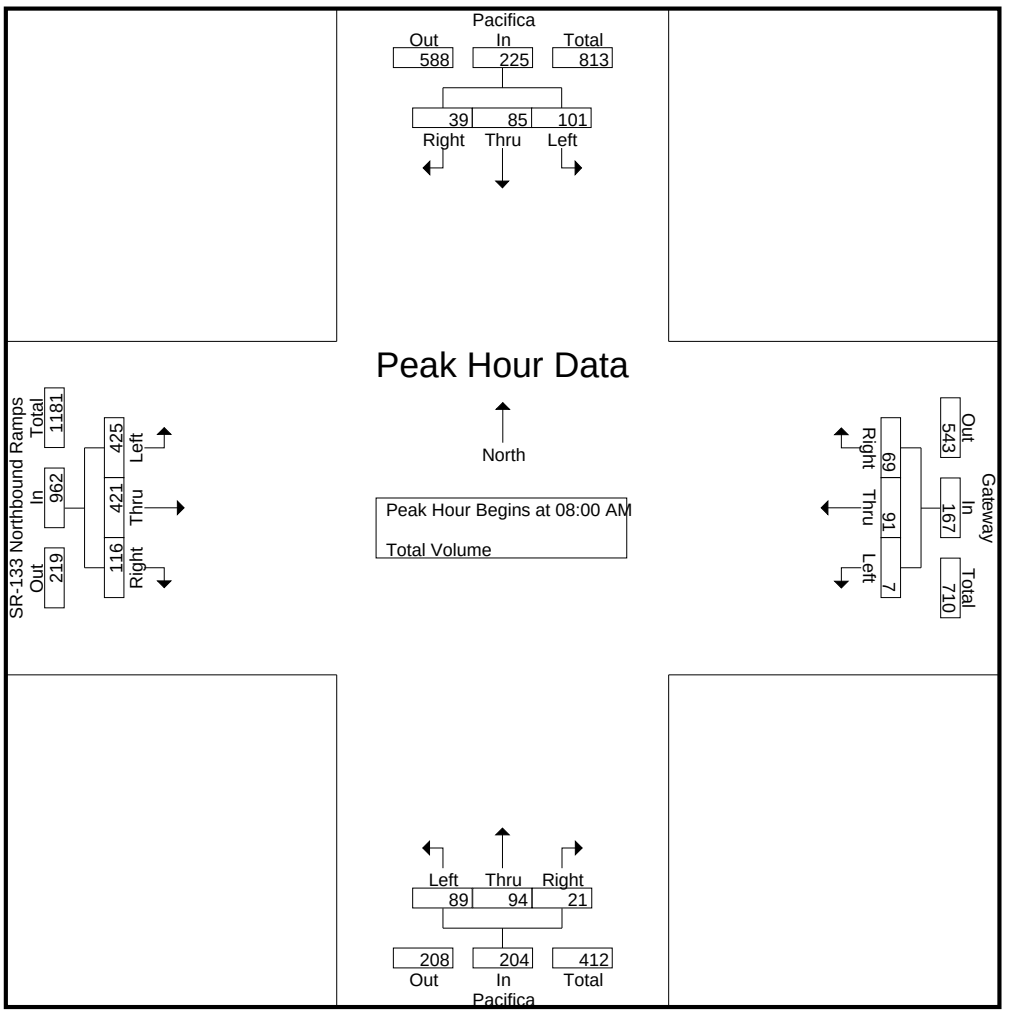

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:30 AM				08:00 AM			
+0 mins.	19	19	**13**	51	**6**	26	15	47	**36**	18	3	57	**120**	**114**	30	**264**
+15 mins.	20	17	5	42	5	23	17	45	19	**39**	3	**61**	94	94	27	215
+30 mins.	**35**	**27**	11	**73**	0	10	16	26	23	28	6	57	94	109	**35**	238
+45 mins.	27	22	10	59	2	**34**	**20**	**56**	18	15	**7**	40	117	104	24	245
Total Volume	101	85	39	225	13	93	68	174	96	100	19	215	425	421	116	962
% App. Total	44.9	37.8	17.3		7.5	53.4	39.1		44.7	46.5	8.8		44.2	43.8	12.1	
PHF	.721	.787	.750	.771	.542	.684	.850	.777	.667	.641	.679	.881	.885	.923	.829	.911

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Weather: Clear

File Name : 333_IRV_Paci_Gate Tue PM
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Groups Printed- Total Volume

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	17	59	84	5	30	28	63	73	25	5	103	36	35	17	88	338
04:15 PM	7	17	61	85	1	35	15	51	70	30	1	101	31	28	21	80	317
04:30 PM	8	15	74	97	3	40	24	67	68	21	1	90	27	37	22	86	340
04:45 PM	18	19	54	91	2	47	26	75	66	20	6	92	32	28	23	83	341
Total	41	68	248	357	11	152	93	256	277	96	13	386	126	128	83	337	1336
05:00 PM	15	22	82	119	2	60	27	89	83	40	5	128	37	32	25	94	430
05:15 PM	13	23	69	105	2	59	25	86	87	29	7	123	28	29	30	87	401
05:30 PM	10	31	71	112	3	47	22	72	72	30	5	107	38	36	37	111	402
05:45 PM	19	30	70	119	1	35	16	52	65	21	3	89	33	33	23	89	349
Total	57	106	292	455	8	201	90	299	307	120	20	447	136	130	115	381	1582
06:00 PM	18	20	75	113	1	37	14	52	63	24	4	91	25	33	25	83	339
06:15 PM	11	23	70	104	1	36	18	55	58	27	4	89	30	27	20	77	325
Grand Total	127	217	685	1029	21	426	215	662	705	267	41	1013	317	318	243	878	3582
Apprch %	12.3	21.1	66.6		3.2	64.4	32.5		69.6	26.4	4		36.1	36.2	27.7		
Total %	3.5	6.1	19.1	28.7	0.6	11.9	6	18.5	19.7	7.5	1.1	28.3	8.8	8.9	6.8	24.5	

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	15	22	**82**	**119**	2	**60**	**27**	**89**	83	**40**	5	**128**	37	32	25	94	**430**
05:15 PM	13	23	69	105	2	59	25	86	**87**	29	**7**	123	28	29	30	87	401
05:30 PM	10	**31**	71	112	**3**	47	22	72	72	30	5	107	**38**	**36**	**37**	**111**	402
05:45 PM	**19**	30	70	119	1	35	16	52	65	21	3	89	33	33	23	89	349
Total Volume	57	106	292	455	8	201	90	299	307	120	20	447	136	130	115	381	1582
% App. Total	12.5	23.3	64.2		2.7	67.2	30.1		68.7	26.8	4.5		35.7	34.1	30.2		
PHF	.750	.855	.890	.956	.667	.838	.833	.840	.882	.750	.714	.873	.895	.903	.777	.858	.920

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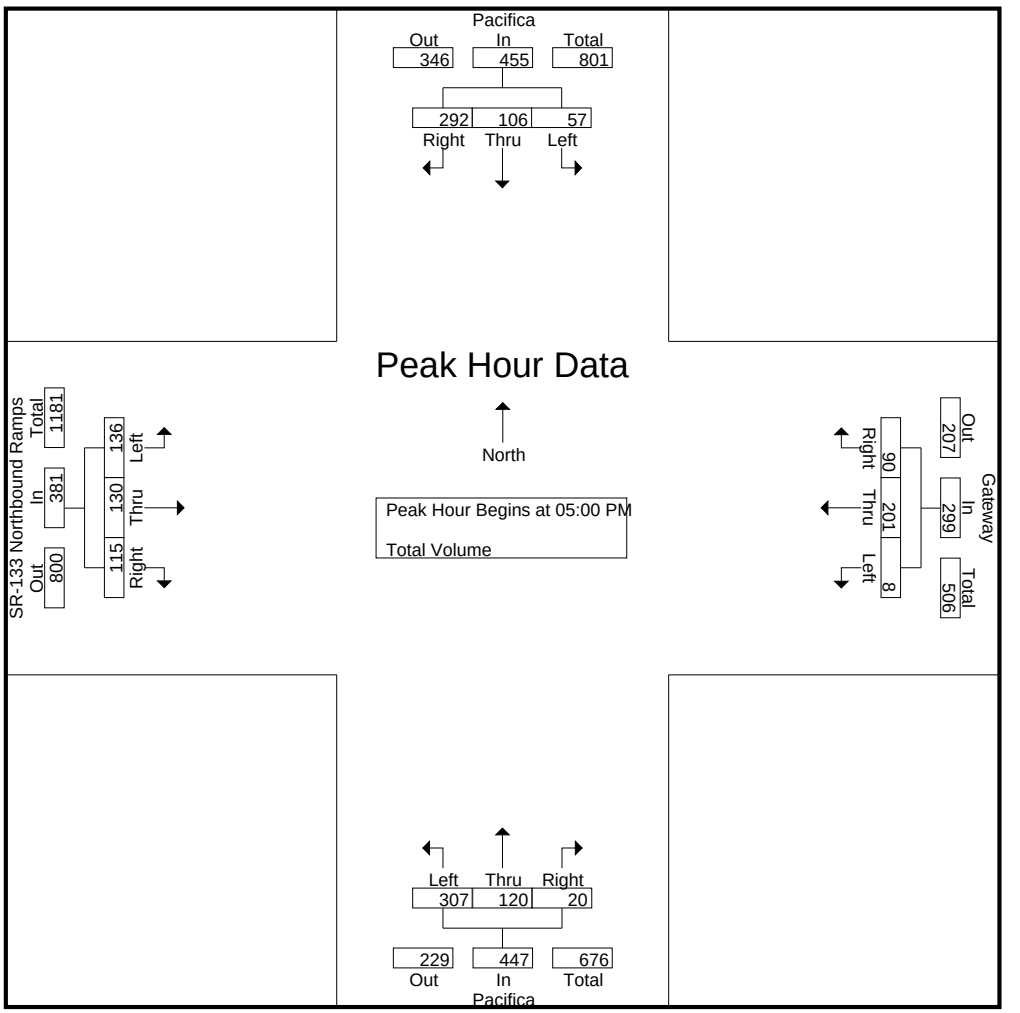

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:45 PM				05:00 PM			
+0 mins.	15	22	**82**	**119**	2	47	26	75	66	20	6	92	37	32	25	94
+15 mins.	13	23	69	105	2	**60**	**27**	**89**	83	**40**	5	**128**	28	29	30	87
+30 mins.	10	**31**	71	112	2	59	25	86	**87**	29	**7**	123	**38**	**36**	**37**	**111**
+45 mins.	**19**	30	70	119	**3**	47	22	72	72	30	5	107	33	33	23	89
Total Volume	57	106	292	455	9	213	100	322	308	119	23	450	136	130	115	381
% App. Total	12.5	23.3	64.2		2.8	66.1	31.1		68.4	26.4	5.1		35.7	34.1	30.2	
PHF	.750	.855	.890	.956	.750	.888	.926	.904	.885	.744	.821	.879	.895	.903	.777	.858

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File Name : 333_IRV_Paci_Gate Thu AM
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Groups Printed- Total Volume

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	12	8	4	24	2	11	6	19	15	9	2	26	59	45	11	115	184
07:15 AM	15	3	7	25	0	16	14	30	19	12	1	32	60	55	14	129	216
07:30 AM	13	21	6	40	2	29	17	48	38	19	5	62	75	71	14	160	310
07:45 AM	19	15	6	40	4	16	13	33	23	24	3	50	102	102	22	226	349
Total	59	47	23	129	8	72	50	130	95	64	11	170	296	273	61	630	1059
08:00 AM	19	11	12	42	2	24	19	45	13	27	1	41	104	102	28	234	362
08:15 AM	21	15	8	44	5	14	18	37	14	19	4	37	105	99	30	234	352
08:30 AM	18	22	9	49	3	26	13	42	28	27	2	57	103	95	30	228	376
08:45 AM	21	25	9	55	5	21	22	48	23	16	2	41	115	93	26	234	378
Total	79	73	38	190	15	85	72	172	78	89	9	176	427	389	114	930	1468
Grand Total	138	120	61	319	23	157	122	302	173	153	20	346	723	662	175	1560	2527
Apprch %	43.3	37.6	19.1		7.6	52	40.4		50	44.2	5.8		46.3	42.4	11.2		
Total %	5.5	4.7	2.4	12.6	0.9	6.2	4.8	12	6.8	6.1	0.8	13.7	28.6	26.2	6.9	61.7	

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	19	11	**12**	42	2	24	19	45	13	**27**	1	41	104	**102**	28	**234**	362
08:15 AM	**21**	15	8	44	**5**	14	18	37	14	19	**4**	37	105	99	**30**	234	352
08:30 AM	18	22	9	49	3	**26**	13	42	**28**	27	2	**57**	103	95	30	228	376
08:45 AM	21	**25**	9	**55**	5	21	**22**	**48**	23	16	2	41	**115**	93	26	234	**378**
Total Volume	79	73	38	190	15	85	72	172	78	89	9	176	427	389	114	930	1468
% App. Total	41.6	38.4	20		8.7	49.4	41.9		44.3	50.6	5.1		45.9	41.8	12.3		
PHF	.940	.730	.792	.864	.750	.817	.818	.896	.696	.824	.563	.772	.928	.953	.950	.994	.971

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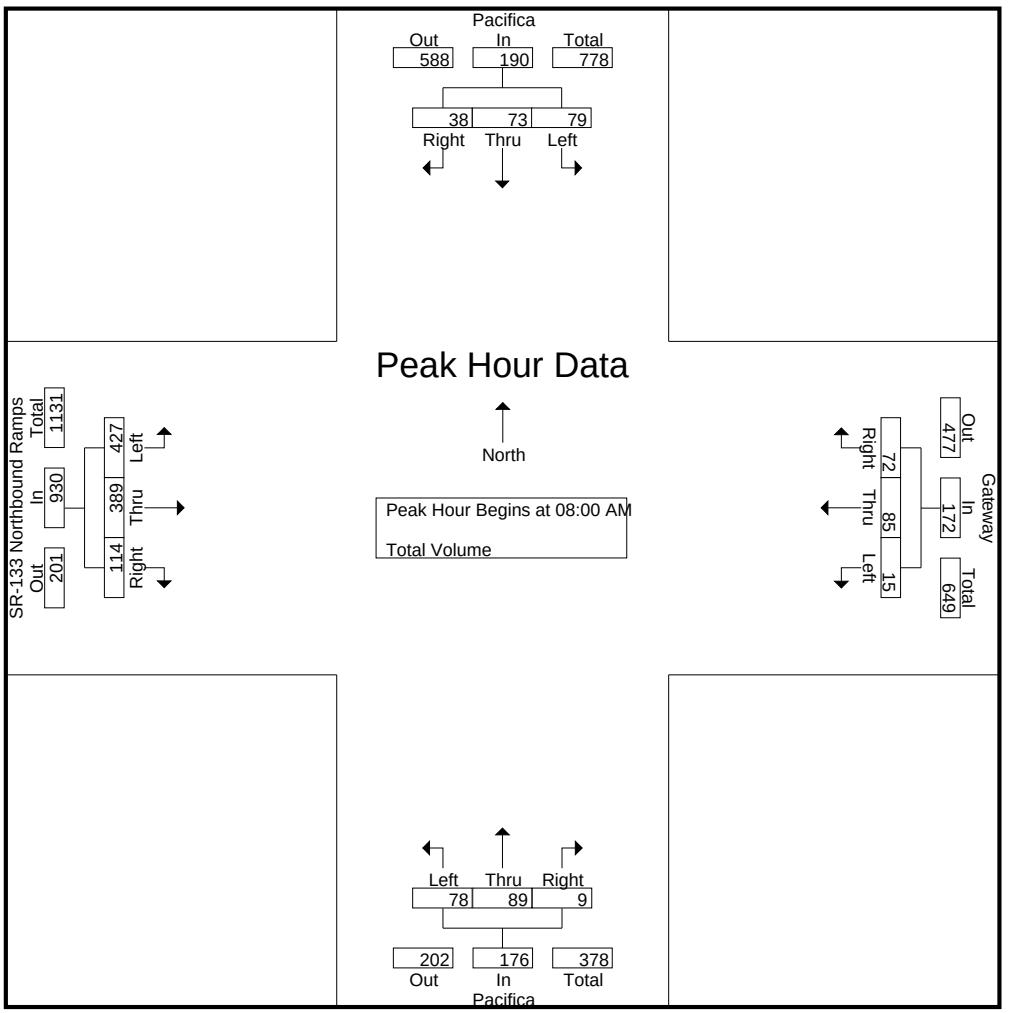

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:30 AM				08:00 AM			
+0 mins.	19	11	**12**	42	2	24	19	45	**38**	19	**5**	**62**	104	**102**	28	**234**
+15 mins.	**21**	15	8	44	**5**	14	18	37	23	24	3	50	105	99	**30**	234
+30 mins.	18	22	9	49	3	**26**	13	42	13	**27**	1	41	103	95	30	228
+45 mins.	21	**25**	9	**55**	5	21	**22**	**48**	14	19	4	37	**115**	93	26	234
Total Volume	79	73	38	190	15	85	72	172	88	89	13	190	427	389	114	930
% App. Total	41.6	38.4	20		8.7	49.4	41.9		46.3	46.8	6.8		45.9	41.8	12.3	
PHF	.940	.730	.792	.864	.750	.817	.818	.896	.579	.824	.650	.766	.928	.953	.950	.994

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File Name : 333_IRV_Paci_Gate Thu PM
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Groups Printed- Total Volume

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	13	23	60	96	3	35	21	59	59	31	3	93	38	29	14	81	329
04:15 PM	6	15	61	82	5	28	15	48	50	21	3	74	35	35	21	91	295
04:30 PM	13	25	66	104	3	30	23	56	65	19	4	88	25	27	19	71	319
04:45 PM	9	15	57	81	4	34	28	66	68	24	7	99	40	22	18	80	326
Total	41	78	244	363	15	127	87	229	242	95	17	354	138	113	72	323	1269
05:00 PM	13	22	72	107	2	55	24	81	76	38	4	118	34	43	18	95	401
05:15 PM	11	25	67	103	6	63	23	92	77	31	4	112	43	35	28	106	413
05:30 PM	16	22	57	95	5	52	18	75	52	23	6	81	37	28	28	93	344
05:45 PM	8	21	64	93	4	39	15	58	31	22	10	63	24	37	28	89	303
Total	48	90	260	398	17	209	80	306	236	114	24	374	138	143	102	383	1461
06:00 PM	14	23	59	96	5	32	22	59	57	20	6	83	34	38	26	98	336
06:15 PM	18	21	45	84	2	35	12	49	41	17	2	60	25	40	32	97	290
Grand Total	121	212	608	941	39	403	201	643	576	246	49	871	335	334	232	901	3356
Apprch %	12.9	22.5	64.6		6.1	62.7	31.3		66.1	28.2	5.6		37.2	37.1	25.7		
Total %	3.6	6.3	18.1	28	1.2	12	6	19.2	17.2	7.3	1.5	26	10	10	6.9	26.8	

	Pacifica Southbound				Gateway Westbound				Pacifica Northbound				SR-133 Northbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	9	15	57	81	4	34	**28**	66	68	24	**7**	99	40	22	18	80	326
05:00 PM	13	22	**72**	**107**	2	55	24	81	76	**38**	4	**118**	34	**43**	18	95	401
05:15 PM	11	**25**	67	103	**6**	**63**	23	**92**	**77**	31	4	112	**43**	35	**28**	**106**	**413**
05:30 PM	**16**	22	57	95	5	52	18	75	52	23	6	81	37	28	28	93	344
Total Volume	49	84	253	386	17	204	93	314	273	116	21	410	154	128	92	374	1484
% App. Total	12.7	21.8	65.5		5.4	65	29.6		66.6	28.3	5.1		41.2	34.2	24.6		
PHF	.766	.840	.878	.902	.708	.810	.830	.853	.886	.763	.750	.869	.895	.744	.821	.882	.898

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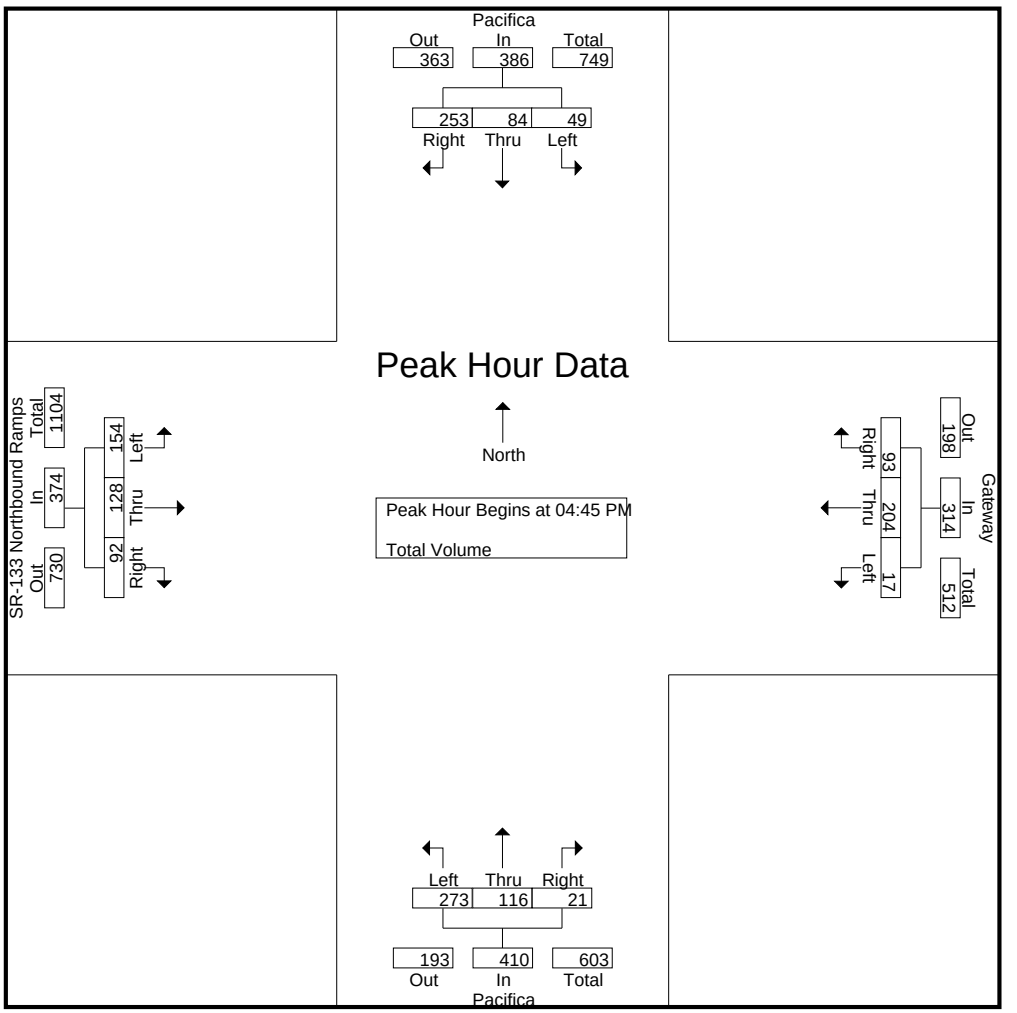
City of Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway
Weather: Clear

File Name : 333_IRV_Paci_Gate Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				05:15 PM			
+0 mins.	13	22	**72**	**107**	4	34	**28**	66	65	19	4	88	**43**	35	**28**	**106**
+15 mins.	11	**25**	67	103	2	55	24	81	68	24	**7**	99	37	28	28	93
+30 mins.	**16**	22	57	95	**6**	**63**	23	**92**	76	**38**	4	**118**	24	37	28	89
+45 mins.	8	21	64	93	5	52	18	75	**77**	31	4	112	34	**38**	26	98
Total Volume	48	90	260	398	17	204	93	314	286	112	19	417	138	138	110	386
% App. Total	12.1	22.6	65.3		5.4	65	29.6		68.6	26.9	4.6		35.8	35.8	28.5	
PHF	.750	.900	.903	.930	.708	.810	.830	.853	.929	.737	.679	.883	.802	.908	.982	.910

Location: Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Pacifica	East Leg Gateway	South Leg Pacifica	West Leg SR-133 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	1	2
7:15 AM	0	0	0	1	1
7:30 AM	1	3	0	1	5
7:45 AM	1	2	1	1	5
8:00 AM	0	0	0	0	0
8:15 AM	1	1	4	4	10
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	3	6	6	8	23

	North Leg Pacifica	East Leg Gateway	South Leg Pacifica	West Leg SR-133 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	2	0	5	8
4:15 PM	0	0	2	0	2
4:30 PM	0	0	0	3	3
4:45 PM	1	1	1	7	10
5:00 PM	0	1	2	2	5
5:15 PM	0	3	0	0	3
5:30 PM	1	2	0	0	3
5:45 PM	0	0	0	0	0
6:00 PM	1	0	3	3	7
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	4	10	8	20	42

Location: Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Pacifica			Westbound Gateway			Northbound Pacifica			Eastbound SR-133 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	1	0	0	0	0	2

	Southbound Pacifica			Westbound Gateway			Northbound Pacifica			Eastbound SR-133 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	1	0	0	0	0	0	0	0	0	3

Location: Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Pacifica	East Leg Gateway	South Leg Pacifica	West Leg SR-133 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	1	1	0	3	5
7:30 AM	1	2	1	1	5
7:45 AM	0	0	0	0	0
8:00 AM	1	1	0	0	2
8:15 AM	2	2	0	0	4
8:30 AM	1	3	0	0	4
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	6	10	1	5	22

	North Leg Pacifica	East Leg Gateway	South Leg Pacifica	West Leg SR-133 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	1	3	0	0	4
4:30 PM	8	8	1	2	19
4:45 PM	0	1	0	0	1
5:00 PM	1	0	0	1	2
5:15 PM	1	3	0	1	5
5:30 PM	2	2	1	1	6
5:45 PM	0	1	0	0	1
6:00 PM	0	1	0	1	2
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	13	19	2	6	40

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Location: Irvine
N/S: Pacifica
E/W: SR-133 NB Ramps/Gateway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Pacifica			Westbound Gateway			Northbound Pacifica			Eastbound SR-133 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	1	0	0	0	0	1

	Southbound Pacifica			Westbound Gateway			Northbound Pacifica			Eastbound SR-133 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	0	0	1

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City of Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 335_LKF_Alton_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Portola Parkway Westbound				Alton Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	35	28	63	22	26	0	48	58	9	14	81	8	2	41	51	243
07:15 AM	0	37	28	65	19	28	0	47	84	11	20	115	9	3	54	66	293
07:30 AM	2	51	31	84	33	26	0	59	96	5	5	106	7	9	65	81	330
07:45 AM	0	95	20	115	62	32	1	95	116	21	14	151	12	4	97	113	474
Total	2	218	107	327	136	112	1	249	354	46	53	453	36	18	257	311	1340
08:00 AM	2	94	22	118	53	21	1	75	142	44	37	223	9	5	80	94	510
08:15 AM	0	48	24	72	40	19	0	59	116	40	31	187	11	10	71	92	410
08:30 AM	0	26	24	50	20	30	0	50	118	32	38	188	10	7	51	68	356
08:45 AM	0	20	17	37	20	29	0	49	82	21	16	119	14	13	51	78	283
Total	2	188	87	277	133	99	1	233	458	137	122	717	44	35	253	332	1559
Grand Total	4	406	194	604	269	211	2	482	812	183	175	1170	80	53	510	643	2899
Apprch %	0.7	67.2	32.1		55.8	43.8	0.4		69.4	15.6	15		12.4	8.2	79.3		
Total %	0.1	14	6.7	20.8	9.3	7.3	0.1	16.6	28	6.3	6	40.4	2.8	1.8	17.6	22.2	

	Alton Parkway Southbound				Portola Parkway Westbound				Alton Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	**95**	20	115	**62**	**32**	**1**	**95**	116	21	14	151	**12**	4	**97**	**113**	474
08:00 AM	**2**	94	22	**118**	53	21	1	75	**142**	**44**	37	**223**	9	5	80	94	**510**
08:15 AM	0	48	**24**	72	40	19	0	59	116	40	31	187	11	**10**	71	92	410
08:30 AM	0	26	24	50	20	30	0	50	118	32	**38**	188	10	7	51	68	356
Total Volume	2	263	90	355	175	102	2	279	492	137	120	749	42	26	299	367	1750
% App. Total	0.6	74.1	25.4		62.7	36.6	0.7		65.7	18.3	16		11.4	7.1	81.5		
PHF	.250	.692	.938	.752	.706	.797	.500	.734	.866	.778	.789	.840	.875	.650	.771	.812	.858

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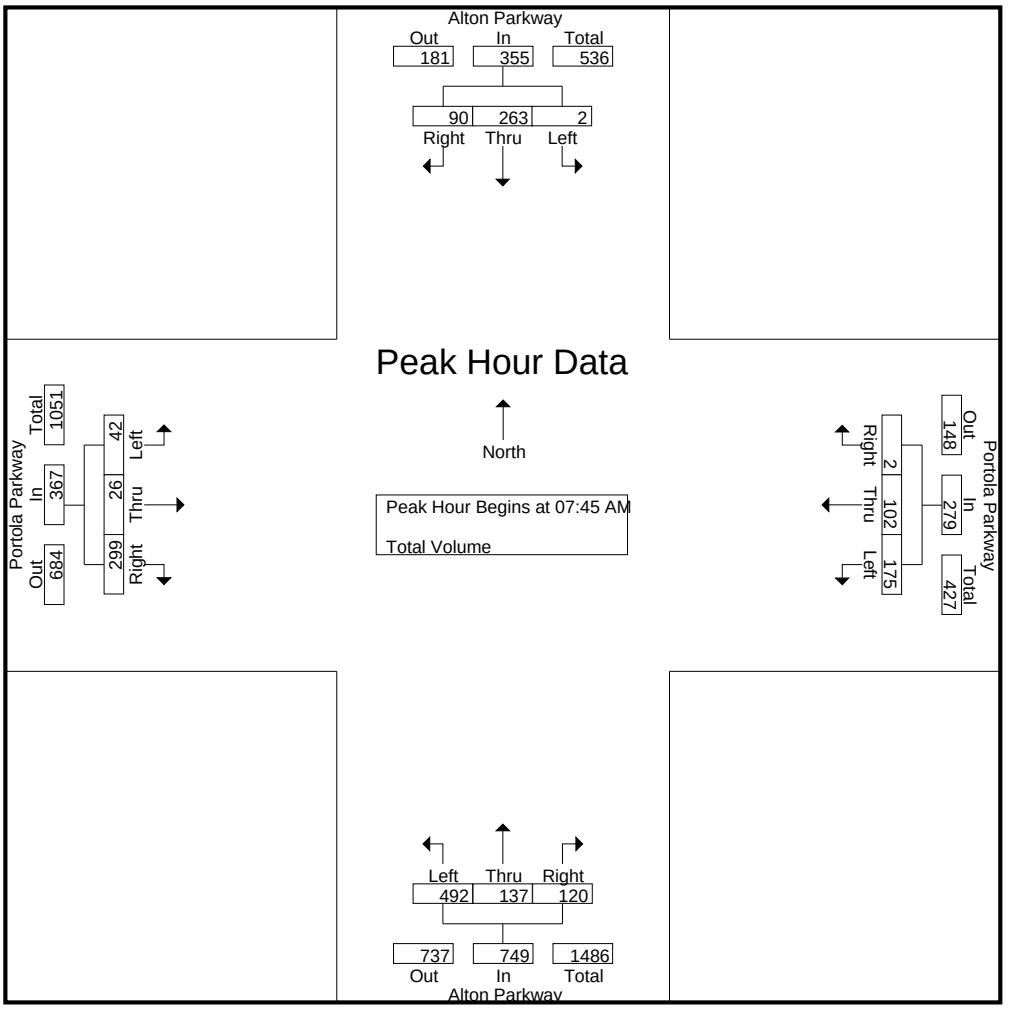
City of Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 335_LKF_Alton_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	**2**	51	**31**	84	33	26	0	59	116	21	14	151	7	9	65	81
+15 mins.	0	**95**	20	115	**62**	**32**	**1**	**95**	**142**	**44**	37	**223**	**12**	4	**97**	**113**
+30 mins.	2	94	22	**118**	53	21	1	75	116	40	31	187	9	5	80	94
+45 mins.	0	48	24	72	40	19	0	59	118	32	**38**	188	11	**10**	71	92
Total Volume	4	288	97	389	188	98	2	288	492	137	120	749	39	28	313	380
% App. Total	1	74	24.9		65.3	34	0.7		65.7	18.3	16		10.3	7.4	82.4	
PHF	.500	.758	.782	.824	.758	.766	.500	.758	.866	.778	.789	.840	.813	.700	.807	.841

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City of Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 335_LKF_Alton_Port PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Portola Parkway Westbound				Alton Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	32	10	42	30	14	2	46	83	32	26	141	25	22	85	132	361
04:15 PM	0	28	15	43	23	17	0	40	88	32	40	160	22	22	89	133	376
04:30 PM	0	36	18	54	20	28	0	48	90	21	25	136	17	13	95	125	363
04:45 PM	0	37	14	51	39	16	1	56	66	42	41	149	25	29	90	144	400
Total	0	133	57	190	112	75	3	190	327	127	132	586	89	86	359	534	1500
05:00 PM	0	33	18	51	22	17	2	41	91	35	44	170	16	47	123	186	448
05:15 PM	0	37	12	49	24	17	0	41	95	46	24	165	23	24	121	168	423
05:30 PM	1	33	12	46	20	13	0	33	86	44	36	166	23	30	123	176	421
05:45 PM	0	23	14	37	25	19	1	45	69	41	45	155	23	41	110	174	411
Total	1	126	56	183	91	66	3	160	341	166	149	656	85	142	477	704	1703
Grand Total	1	259	113	373	203	141	6	350	668	293	281	1242	174	228	836	1238	3203
Apprch %	0.3	69.4	30.3		58	40.3	1.7		53.8	23.6	22.6		14.1	18.4	67.5		
Total %	0	8.1	3.5	11.6	6.3	4.4	0.2	10.9	20.9	9.1	8.8	38.8	5.4	7.1	26.1	38.7	

	Alton Parkway Southbound				Portola Parkway Westbound				Alton Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	33	**18**	**51**	22	17	**2**	41	91	35	44	**170**	16	**47**	**123**	**186**	**448**
05:15 PM	0	**37**	12	49	24	17	0	41	**95**	**46**	24	165	**23**	24	121	168	423
05:30 PM	**1**	33	12	46	20	13	0	33	86	44	36	166	23	30	123	176	421
05:45 PM	0	23	14	37	**25**	**19**	1	**45**	69	41	**45**	155	23	41	110	174	411
Total Volume	1	126	56	183	91	66	3	160	341	166	149	656	85	142	477	704	1703
% App. Total	0.5	68.9	30.6		56.9	41.2	1.9		52	25.3	22.7		12.1	20.2	67.8		
PHF	.250	.851	.778	.897	.910	.868	.375	.889	.897	.902	.828	.965	.924	.755	.970	.946	.950

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City of Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 335_LKF_Alton_Port PM
Site Code : 05124139
Start Date : 2/15/2024
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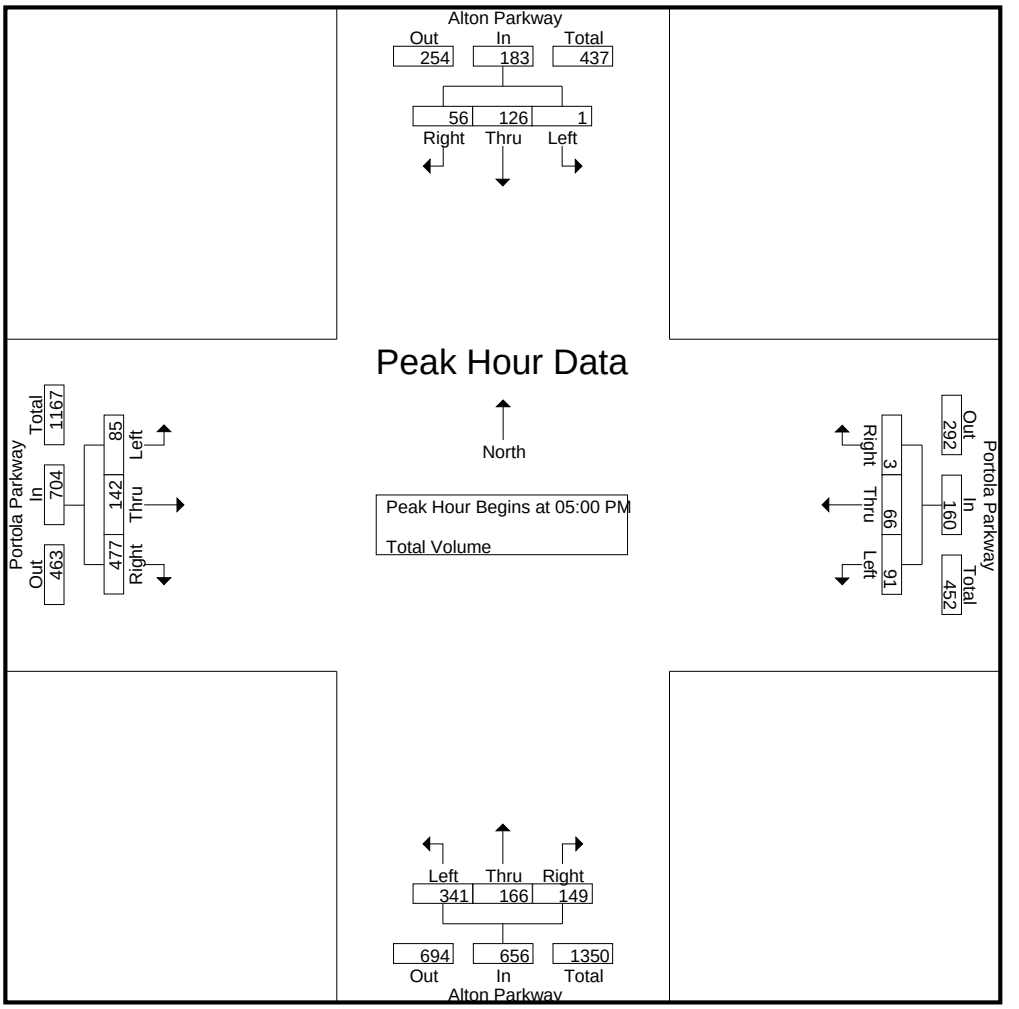

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	36	**18**	**54**	30	14	**2**	46	91	35	44	**170**	16	**47**	**123**	**186**
+15 mins.	0	**37**	14	51	23	17	0	40	**95**	**46**	24	165	**23**	24	121	168
+30 mins.	0	33	18	51	20	**28**	0	48	86	44	36	166	23	30	123	176
+45 mins.	0	37	12	49	**39**	16	1	**56**	69	41	**45**	155	23	41	110	174
Total Volume	0	143	62	205	112	75	3	190	341	166	149	656	85	142	477	704
% App. Total	0	69.8	30.2		58.9	39.5	1.6		52	25.3	22.7		12.1	20.2	67.8	
PHF	.000	.966	.861	.949	.718	.670	.375	.848	.897	.902	.828	.965	.924	.755	.970	.946

Location: Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway

ITAM: 335
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Alton Parkway Pedestrians	East Leg Portola Parkway Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Portola Parkway Pedestrians	
7:00 AM	3	2	0	1	6
7:15 AM	2	1	1	0	4
7:30 AM	0	1	0	2	3
7:45 AM	0	1	3	4	8
8:00 AM	2	3	1	1	7
8:15 AM	0	5	2	1	8
8:30 AM	2	3	0	0	5
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	10	16	7	9	42

	North Leg Alton Parkway Pedestrians	East Leg Portola Parkway Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Portola Parkway Pedestrians	
4:00 PM	3	2	2	2	9
4:15 PM	2	3	1	0	6
4:30 PM	0	1	0	3	4
4:45 PM	4	1	2	1	8
5:00 PM	0	1	0	0	1
5:15 PM	2	1	3	0	6
5:30 PM	3	1	0	0	4
5:45 PM	7	1	0	4	12
TOTAL VOLUMES:	21	11	8	10	50

Location: Lake Forest
N/S: Alton Parkway
E/W: Portola Parkway

ITAM: 335
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Alton Parkway			Westbound Portola Parkway			Northbound Alton Parkway			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
7:30 AM	0	1	2	0	0	0	0	0	0	0	1	0	4
7:45 AM	0	3	0	0	0	0	0	0	0	1	0	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	5	0	0	0	0	2	7
8:45 AM	0	0	0	0	0	0	1	0	0	0	0	1	2
TOTAL VOLUMES:	0	4	2	0	0	0	6	0	0	1	1	4	18

	Southbound Alton Parkway			Westbound Portola Parkway			Northbound Alton Parkway			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	1	2
4:15 PM	0	1	0	0	0	0	0	0	1	0	1	0	3
4:30 PM	0	1	0	0	0	0	0	1	0	0	0	1	3
4:45 PM	0	1	0	0	0	0	1	0	0	0	0	0	2
5:00 PM	0	1	0	0	0	0	0	0	1	1	0	0	3
5:15 PM	0	0	0	0	0	0	1	1	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	1	0	1	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	0	0	0	3	2	3	1	1	2	17

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City of Irvine
N/S: Alton Parkway
E/W: SR-241 Ramps
Weather: Clear

File Name : 336_IRV_Alton_SR241 AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				SR-241 Ramps Westbound				Alton Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	83	40	132	27	0	12	39	18	50	9	77	19	0	38	57	305
07:15 AM	10	111	59	180	36	0	7	43	21	46	17	84	12	0	43	55	362
07:30 AM	9	109	43	161	41	0	6	47	31	89	47	167	20	0	44	64	439
07:45 AM	17	113	44	174	75	0	15	90	29	114	40	183	26	0	61	87	534
Total	45	416	186	647	179	0	40	219	99	299	113	511	77	0	186	263	1640
08:00 AM	8	153	55	216	63	0	19	82	24	91	18	133	26	0	81	107	538
08:15 AM	7	139	57	203	57	0	18	75	31	95	27	153	24	0	85	109	540
08:30 AM	11	141	54	206	57	0	19	76	26	70	14	110	23	0	65	88	480
08:45 AM	7	98	55	160	54	0	10	64	19	97	18	134	24	0	86	110	468
Total	33	531	221	785	231	0	66	297	100	353	77	530	97	0	317	414	2026
Grand Total	78	947	407	1432	410	0	106	516	199	652	190	1041	174	0	503	677	3666
Apprch %	5.4	66.1	28.4		79.5	0	20.5		19.1	62.6	18.3		25.7	0	74.3		
Total %	2.1	25.8	11.1	39.1	11.2	0	2.9	14.1	5.4	17.8	5.2	28.4	4.7	0	13.7	18.5	

	Alton Parkway Southbound				SR-241 Ramps Westbound				Alton Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**17**	113	44	174	**75**	0	15	**90**	29	**114**	**40**	**183**	**26**	0	61	87	534
08:00 AM	8	**153**	55	**216**	63	0	**19**	82	24	91	18	133	26	0	81	107	538
08:15 AM	7	139	**57**	203	57	0	18	75	**31**	95	27	153	24	0	**85**	**109**	**540**
08:30 AM	11	141	54	206	57	0	19	76	26	70	14	110	23	0	65	88	480
Total Volume	43	546	210	799	252	0	71	323	110	370	99	579	99	0	292	391	2092
% App. Total	5.4	68.3	26.3		78	0	22		19	63.9	17.1		25.3	0	74.7		
PHF	.632	.892	.921	.925	.840	.000	.934	.897	.887	.811	.619	.791	.952	.000	.859	.897	.969

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City of Irvine
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File Name : 336_IRV_Alton_SR241 AM
Site Code : 05124139
Start Date : 2/15/2024
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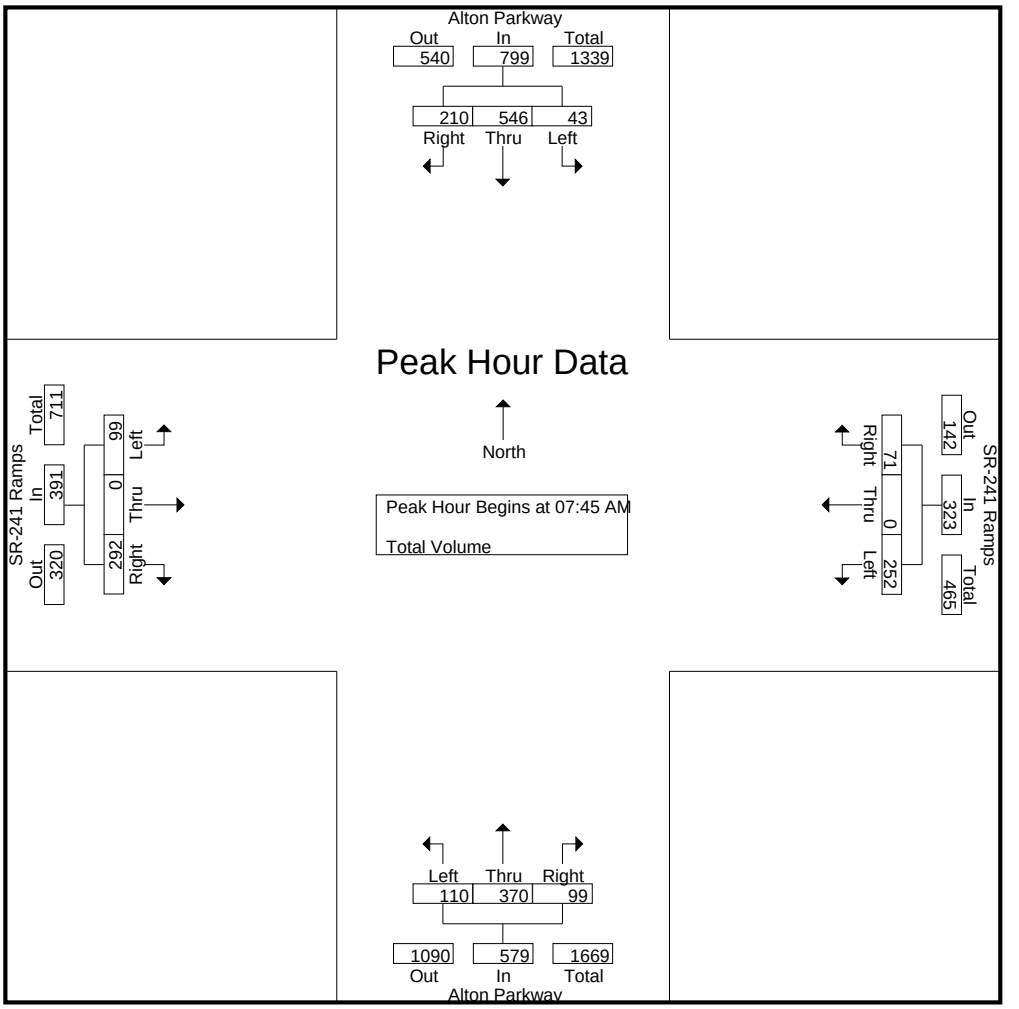

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				08:00 AM			
+0 mins.	**17**	113	44	174	**75**	0	15	**90**	**31**	89	**47**	167	**26**	0	81	107
+15 mins.	8	**153**	55	**216**	63	0	**19**	82	29	**114**	40	**183**	24	0	85	109
+30 mins.	7	139	**57**	203	57	0	18	75	24	91	18	133	23	0	65	88
+45 mins.	11	141	54	206	57	0	19	76	31	95	27	153	24	0	**86**	**110**
Total Volume	43	546	210	799	252	0	71	323	115	389	132	636	97	0	317	414
% App. Total	5.4	68.3	26.3		78	0	22		18.1	61.2	20.8		23.4	0	76.6	
PHF	.632	.892	.921	.925	.840	.000	.934	.897	.927	.853	.702	.869	.933	.000	.922	.941

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City of Irvine
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Weather: Clear

File Name : 336_IRV_Alton_SR241 PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				SR-241 Ramps Westbound				Alton Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	97	0	107	16	0	0	16	51	140	30	221	42	0	26	68	412
04:15 PM	8	128	0	136	20	0	0	20	45	149	36	230	46	0	23	69	455
04:30 PM	16	128	0	144	6	0	0	6	50	130	33	213	43	0	20	63	426
04:45 PM	16	101	0	117	12	0	0	12	47	146	34	227	54	0	34	88	444
Total	50	454	0	504	54	0	0	54	193	565	133	891	185	0	103	288	1737
05:00 PM	14	125	0	139	20	0	0	20	51	184	47	282	50	0	40	90	531
05:15 PM	13	114	0	127	23	0	0	23	40	161	52	253	70	0	20	90	493
05:30 PM	22	113	0	135	12	0	0	12	36	204	43	283	56	0	37	93	523
05:45 PM	12	113	0	125	10	0	0	10	36	193	44	273	53	0	28	81	489
Total	61	465	0	526	65	0	0	65	163	742	186	1091	229	0	125	354	2036
Grand Total	111	919	0	1030	119	0	0	119	356	1307	319	1982	414	0	228	642	3773
Apprch %	10.8	89.2	0		100	0	0		18	65.9	16.1		64.5	0	35.5		
Total %	2.9	24.4	0	27.3	3.2	0	0	3.2	9.4	34.6	8.5	52.5	11	0	6	17	

	Alton Parkway Southbound				SR-241 Ramps Westbound				Alton Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	14	**125**	0	**139**	20	0	0	20	**51**	184	47	282	50	0	**40**	90	**531**
05:15 PM	13	114	0	127	**23**	0	0	**23**	40	161	**52**	253	**70**	0	20	90	493
05:30 PM	**22**	113	0	135	12	0	0	12	36	**204**	43	**283**	56	0	37	**93**	523
05:45 PM	12	113	0	125	10	0	0	10	36	193	44	273	53	0	28	81	489
Total Volume	61	465	0	526	65	0	0	65	163	742	186	1091	229	0	125	354	2036
% App. Total	11.6	88.4	0		100	0	0		14.9	68	17		64.7	0	35.3		
PHF	.693	.930	.000	.946	.707	.000	.000	.707	.799	.909	.894	.964	.818	.000	.781	.952	.959

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Weather: Clear

File Name : 336_IRV_Alton_SR241 PM
Site Code : 05124139
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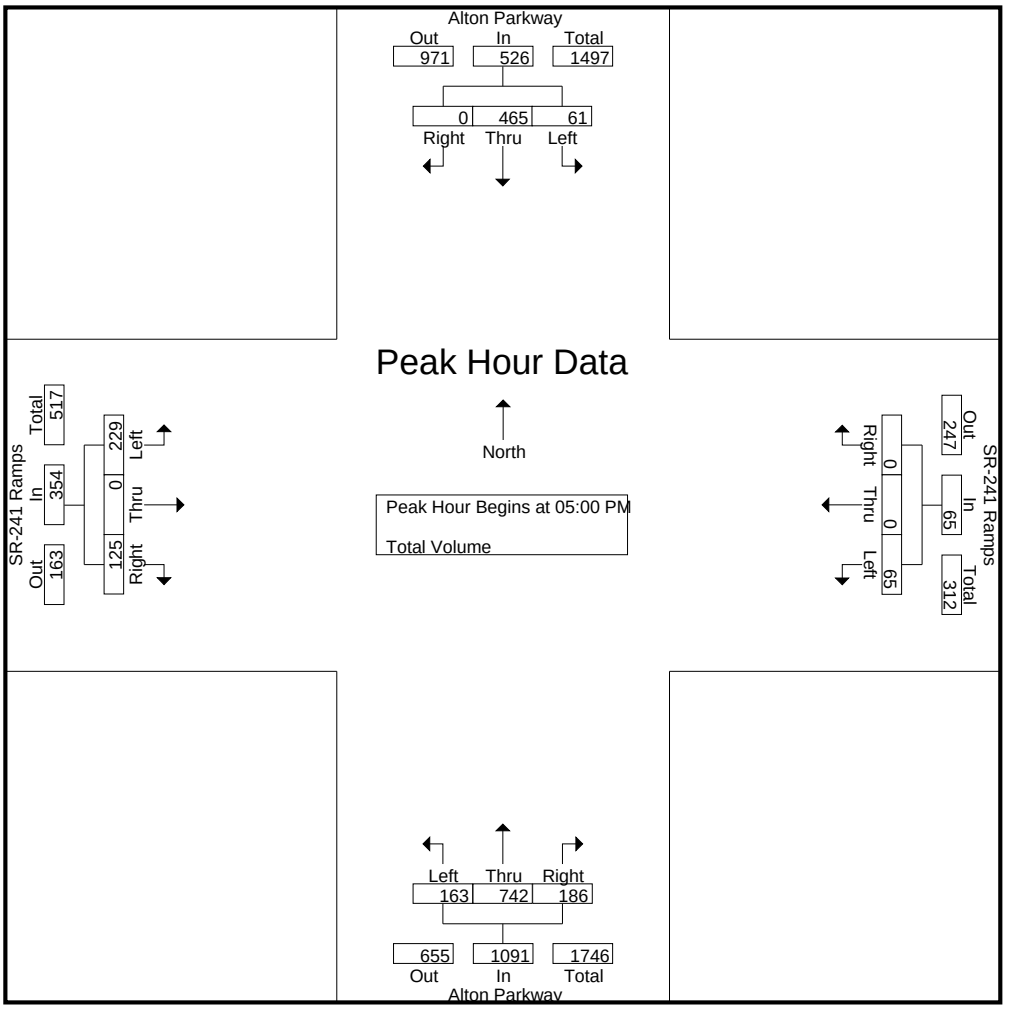

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				05:00 PM				04:45 PM			
+0 mins.	8	**128**	0	136	12	0	0	12	**51**	184	47	282	54	0	34	88
+15 mins.	**16**	128	0	**144**	20	0	0	20	40	161	**52**	253	50	0	**40**	90
+30 mins.	16	101	0	117	**23**	0	0	**23**	36	**204**	43	**283**	**70**	0	20	90
+45 mins.	14	125	0	139	12	0	0	12	36	193	44	273	56	0	37	**93**
Total Volume	54	482	0	536	67	0	0	67	163	742	186	1091	230	0	131	361
% App. Total	10.1	89.9	0		100	0	0		14.9	68	17		63.7	0	36.3	
PHF	.844	.941	.000	.931	.728	.000	.000	.728	.799	.909	.894	.964	.821	.000	.819	.970

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City of Irvine
N/S: Irvine Boulevard
E/W: Alton Parkway
Weather: Clear

File Name : 338_IRV_Irv Blvd_Alton AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Alton Parkway Westbound				Irvine Boulevard Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	35	87	51	173	22	154	46	222	8	66	12	86	28	49	5	82	563
07:15 AM	64	118	77	259	19	183	75	277	4	67	10	81	22	61	5	88	705
07:30 AM	81	124	91	296	29	253	89	371	13	122	15	150	25	61	4	90	907
07:45 AM	110	130	119	359	37	259	95	391	19	90	13	122	23	72	10	105	977
Total	290	459	338	1087	107	849	305	1261	44	345	50	439	98	243	24	365	3152
08:00 AM	94	144	133	371	49	290	82	421	22	67	18	107	20	76	1	97	996
08:15 AM	94	124	118	336	27	245	71	343	19	91	21	131	32	72	7	111	921
08:30 AM	112	167	124	403	27	234	79	340	26	108	22	156	43	103	6	152	1051
08:45 AM	109	146	134	389	26	228	67	321	10	87	19	116	31	67	11	109	935
Total	409	581	509	1499	129	997	299	1425	77	353	80	510	126	318	25	469	3903
Grand Total	699	1040	847	2586	236	1846	604	2686	121	698	130	949	224	561	49	834	7055
Apprch %	27	40.2	32.8		8.8	68.7	22.5		12.8	73.6	13.7		26.9	67.3	5.9		
Total %	9.9	14.7	12	36.7	3.3	26.2	8.6	38.1	1.7	9.9	1.8	13.5	3.2	8	0.7	11.8	

	Irvine Boulevard Southbound				Alton Parkway Westbound				Irvine Boulevard Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	110	130	119	359	37	259	**95**	391	19	90	13	122	23	72	**10**	105	977
08:00 AM	94	144	**133**	371	**49**	**290**	82	**421**	22	67	18	107	20	76	1	97	996
08:15 AM	94	124	118	336	27	245	71	343	19	91	21	131	32	72	7	111	921
08:30 AM	**112**	**167**	124	**403**	27	234	79	340	**26**	**108**	**22**	**156**	**43**	**103**	6	**152**	**1051**
Total Volume	410	565	494	1469	140	1028	327	1495	86	356	74	516	118	323	24	465	3945
% App. Total	27.9	38.5	33.6		9.4	68.8	21.9		16.7	69	14.3		25.4	69.5	5.2		
PHF	.915	.846	.929	.911	.714	.886	.861	.888	.827	.824	.841	.827	.686	.784	.600	.765	.938

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City of Irvine
N/S: Irvine Boulevard
E/W: Alton Parkway
Weather: Clear

File Name : 338_IRV_Irv Blvd_Alton AM
Site Code : 19224028
Start Date : 1/23/2024
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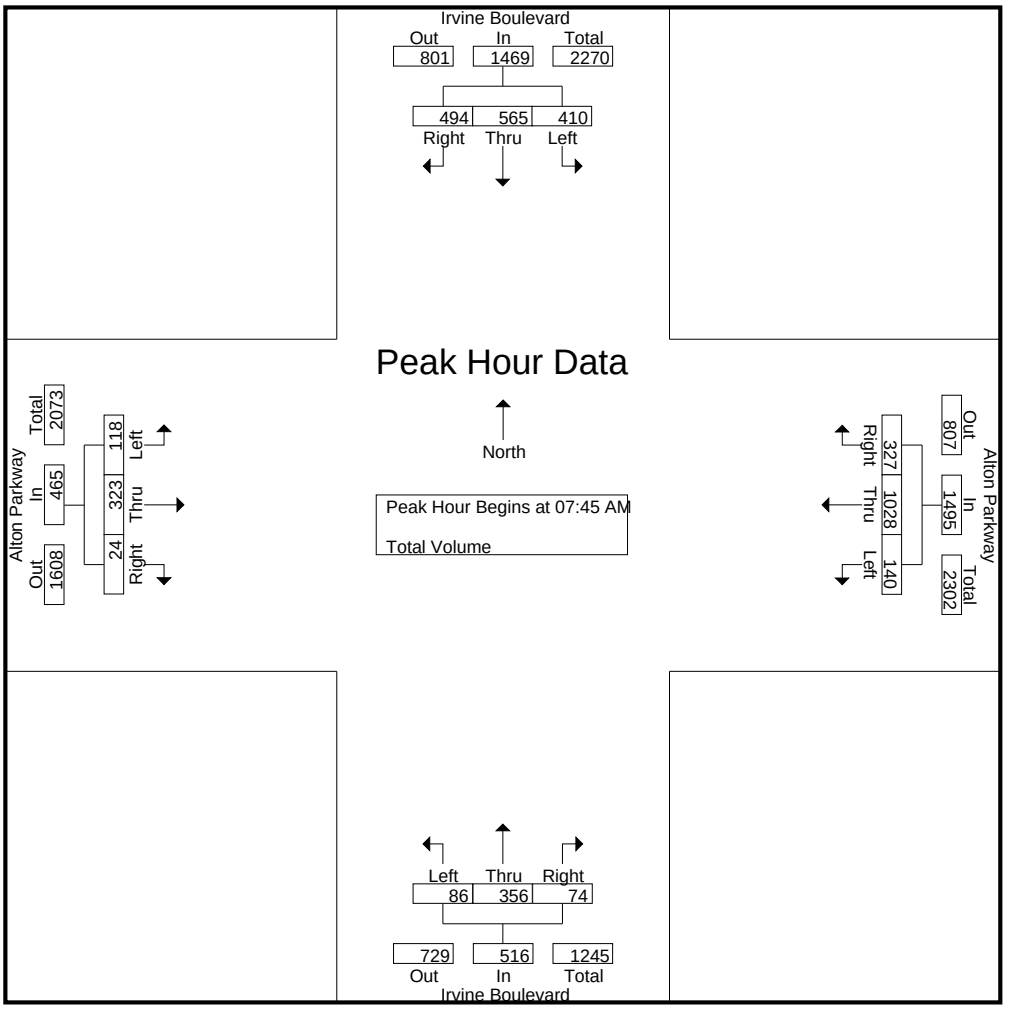

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				07:45 AM				08:00 AM			
+0 mins.	94	144	133	371	29	253	89	371	19	90	13	122	20	76	1	97
+15 mins.	94	124	118	336	37	259	**95**	391	22	67	18	107	32	72	7	111
+30 mins.	**112**	**167**	124	**403**	**49**	**290**	82	**421**	19	91	21	131	**43**	**103**	6	**152**
+45 mins.	109	146	**134**	389	27	245	71	343	**26**	**108**	**22**	**156**	31	67	**11**	109
Total Volume	409	581	509	1499	142	1047	337	1526	86	356	74	516	126	318	25	469
% App. Total	27.3	38.8	34		9.3	68.6	22.1		16.7	69	14.3		26.9	67.8	5.3	
PHF	.913	.870	.950	.930	.724	.903	.887	.906	.827	.824	.841	.827	.733	.772	.568	.771

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City of Irvine
N/S: Irvine Boulevard
E/W: Alton Parkway
Weather: Clear

File Name : 338_IRV_Irv Blvd_Alton PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Alton Parkway Westbound				Irvine Boulevard Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	108	141	35	284	24	73	145	242	5	146	25	176	87	161	10	258	960
04:15 PM	100	113	40	253	12	85	115	212	3	133	31	167	81	195	7	283	915
04:30 PM	91	127	34	252	17	81	148	246	9	156	40	205	80	175	12	267	970
04:45 PM	114	140	38	292	23	78	155	256	8	127	38	173	100	201	18	319	1040
Total	413	521	147	1081	76	317	563	956	25	562	134	721	348	732	47	1127	3885
05:00 PM	88	137	38	263	14	108	183	305	12	192	26	230	107	212	17	336	1134
05:15 PM	127	141	36	304	17	101	155	273	6	164	37	207	113	308	18	439	1223
05:30 PM	89	118	32	239	20	76	170	266	6	188	35	229	114	217	8	339	1073
05:45 PM	87	120	36	243	17	78	127	222	6	153	35	194	89	221	17	327	986
Total	391	516	142	1049	68	363	635	1066	30	697	133	860	423	958	60	1441	4416
Grand Total	804	1037	289	2130	144	680	1198	2022	55	1259	267	1581	771	1690	107	2568	8301
Apprch %	37.7	48.7	13.6		7.1	33.6	59.2		3.5	79.6	16.9		30	65.8	4.2		
Total %	9.7	12.5	3.5	25.7	1.7	8.2	14.4	24.4	0.7	15.2	3.2	19	9.3	20.4	1.3	30.9	

	Irvine Boulevard Southbound				Alton Parkway Westbound				Irvine Boulevard Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	114	140	**38**	292	**23**	78	155	256	8	127	**38**	173	100	201	**18**	319	1040
05:00 PM	88	137	38	263	14	**108**	**183**	**305**	**12**	**192**	26	**230**	107	212	17	336	1134
05:15 PM	**127**	**141**	36	**304**	17	101	155	273	6	164	37	207	113	**308**	18	**439**	**1223**
05:30 PM	89	118	32	239	20	76	170	266	6	188	35	229	**114**	217	8	339	1073
Total Volume	418	536	144	1098	74	363	663	1100	32	671	136	839	434	938	61	1433	4470
% App. Total	38.1	48.8	13.1		6.7	33	60.3		3.8	80	16.2		30.3	65.5	4.3		
PHF	.823	.950	.947	.903	.804	.840	.906	.902	.667	.874	.895	.912	.952	.761	.847	.816	.914

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File Name : 338_IRV_Irv Blvd_Alton PM
Site Code : 19224028
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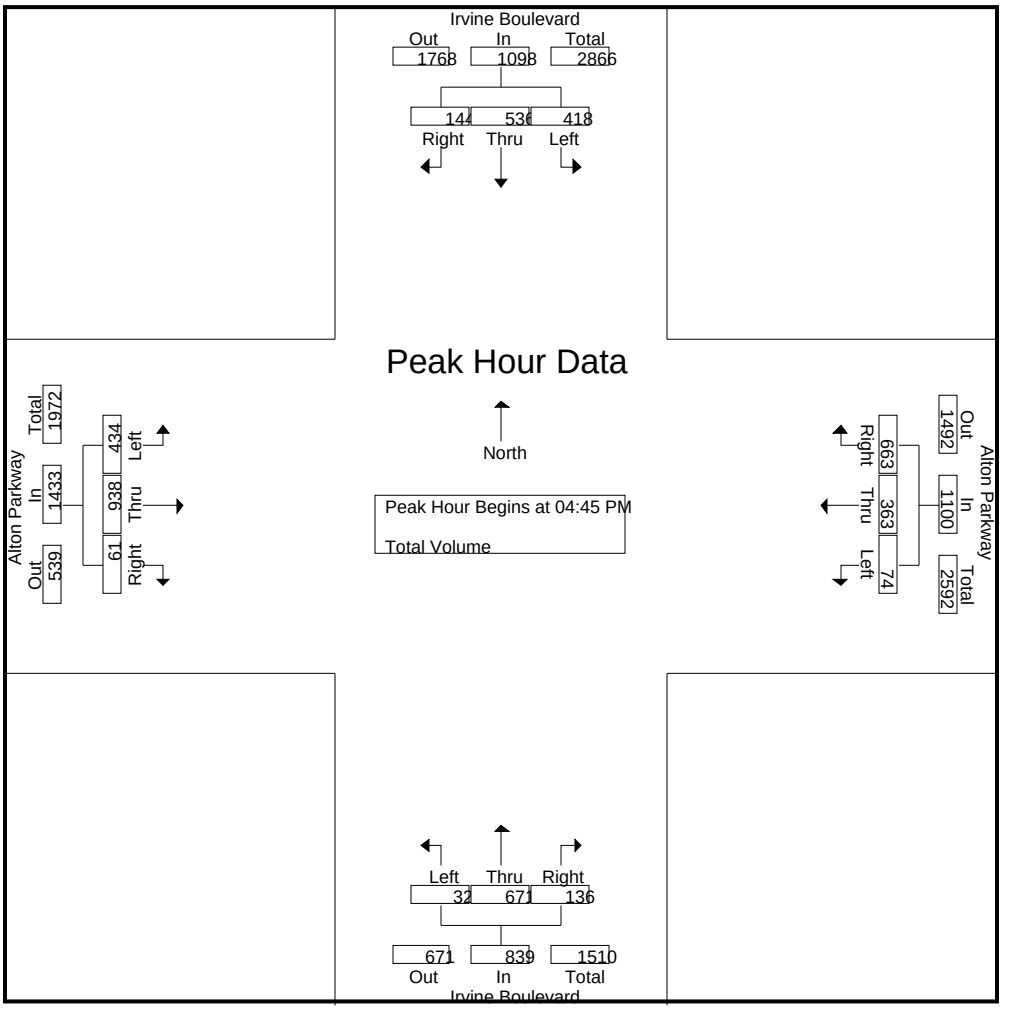

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	91	127	34	252	**23**	78	155	256	**12**	**192**	26	**230**	107	212	17	336
+15 mins.	114	140	**38**	292	14	**108**	**183**	**305**	6	164	**37**	207	113	**308**	**18**	**439**
+30 mins.	88	137	38	263	17	101	155	273	6	188	35	229	**114**	217	8	339
+45 mins.	**127**	**141**	36	**304**	20	76	170	266	6	153	35	194	89	221	17	327
Total Volume	420	545	146	1111	74	363	663	1100	30	697	133	860	423	958	60	1441
% App. Total	37.8	49.1	13.1		6.7	33	60.3		3.5	81	15.5		29.4	66.5	4.2	
PHF	.827	.966	.961	.914	.804	.840	.906	.902	.625	.908	.899	.935	.928	.778	.833	.821

Location: Irvine
N/S: Irvine Boulevard
E/W: Alton Parkway

ITAM: 338
Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Boulevard	East Leg Alton Parkway	South Leg Irvine Boulevard	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	2	0	1	4
7:15 AM	0	1	1	0	2
7:30 AM	1	0	2	0	3
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	0	2	0	2	4
8:30 AM	0	0	0	1	1
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	2	5	3	7	17

	North Leg Irvine Boulevard	East Leg Alton Parkway	South Leg Irvine Boulevard	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	2	3
4:15 PM	0	1	0	0	1
4:30 PM	0	0	1	0	1
4:45 PM	0	2	0	0	2
5:00 PM	0	2	0	0	2
5:15 PM	0	1	0	1	2
5:30 PM	0	2	0	0	2
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	9	1	3	13

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Location: Irvine
N/S: Irvine Boulevard
E/W: Alton Parkway

ITAM: 338
Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Boulevard			Westbound Alton Parkway			Northbound Irvine Boulevard			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	2	0	0	0	0	0	0	0	1	0	4
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	2	0	0	0	0	0	0	0	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	1	0	1	0	0	1	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	3	0	4	0	0	1	0	0	1	0	11

	Southbound Irvine Boulevard			Westbound Alton Parkway			Northbound Irvine Boulevard			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	1	0	1	0	0	1	0	0	0	0	3
4:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:45 PM	0	1	2	0	0	0	0	0	0	0	0	0	3
5:00 PM	0	0	0	0	0	2	0	1	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	3	0	2	2	0	5	0	0	1	0	15

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City of Irvine
N/S: Alton Parkway
E/W: Toledo Way
Weather: Clear

File Name : 339_IRV_Alt_Toledo AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Toledo Way Westbound				Alton Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	10	191	0	201	20	16	17	53	14	106	44	164	0	5	6	11	429
07:15 AM	24	203	1	228	20	22	15	57	19	93	26	138	0	6	8	14	437
07:30 AM	22	326	2	350	42	16	24	82	17	97	38	152	0	5	6	11	595
07:45 AM	30	335	2	367	35	20	29	84	16	106	46	168	0	7	4	11	630
Total	86	1055	5	1146	117	74	85	276	66	402	154	622	0	23	24	47	2091
08:00 AM	29	410	2	441	44	21	30	95	6	110	30	146	1	3	7	11	693
08:15 AM	21	326	1	348	63	21	33	117	11	107	27	145	0	1	4	5	615
08:30 AM	18	394	1	413	35	22	30	87	14	163	34	211	0	8	6	14	725
08:45 AM	23	342	2	367	29	8	21	58	14	107	26	147	0	2	5	7	579
Total	91	1472	6	1569	171	72	114	357	45	487	117	649	1	14	22	37	2612
Grand Total	177	2527	11	2715	288	146	199	633	111	889	271	1271	1	37	46	84	4703
Apprch %	6.5	93.1	0.4		45.5	23.1	31.4		8.7	69.9	21.3		1.2	44	54.8		
Total %	3.8	53.7	0.2	57.7	6.1	3.1	4.2	13.5	2.4	18.9	5.8	27	0	0.8	1	1.8	

	Alton Parkway Southbound				Toledo Way Westbound				Alton Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**30**	335	**2**	367	35	20	29	84	**16**	106	**46**	168	0	7	4	11	630
08:00 AM	29	**410**	2	**441**	44	21	30	95	6	110	30	146	**1**	3	**7**	11	693
08:15 AM	21	326	1	348	**63**	21	**33**	**117**	11	107	27	145	0	1	4	5	615
08:30 AM	18	394	1	413	35	**22**	30	87	14	**163**	34	**211**	0	**8**	6	**14**	**725**
Total Volume	98	1465	6	1569	177	84	122	383	47	486	137	670	1	19	21	41	2663
% App. Total	6.2	93.4	0.4		46.2	21.9	31.9		7	72.5	20.4		2.4	46.3	51.2		
PHF	.817	.893	.750	.889	.702	.955	.924	.818	.734	.745	.745	.794	.250	.594	.750	.732	.918

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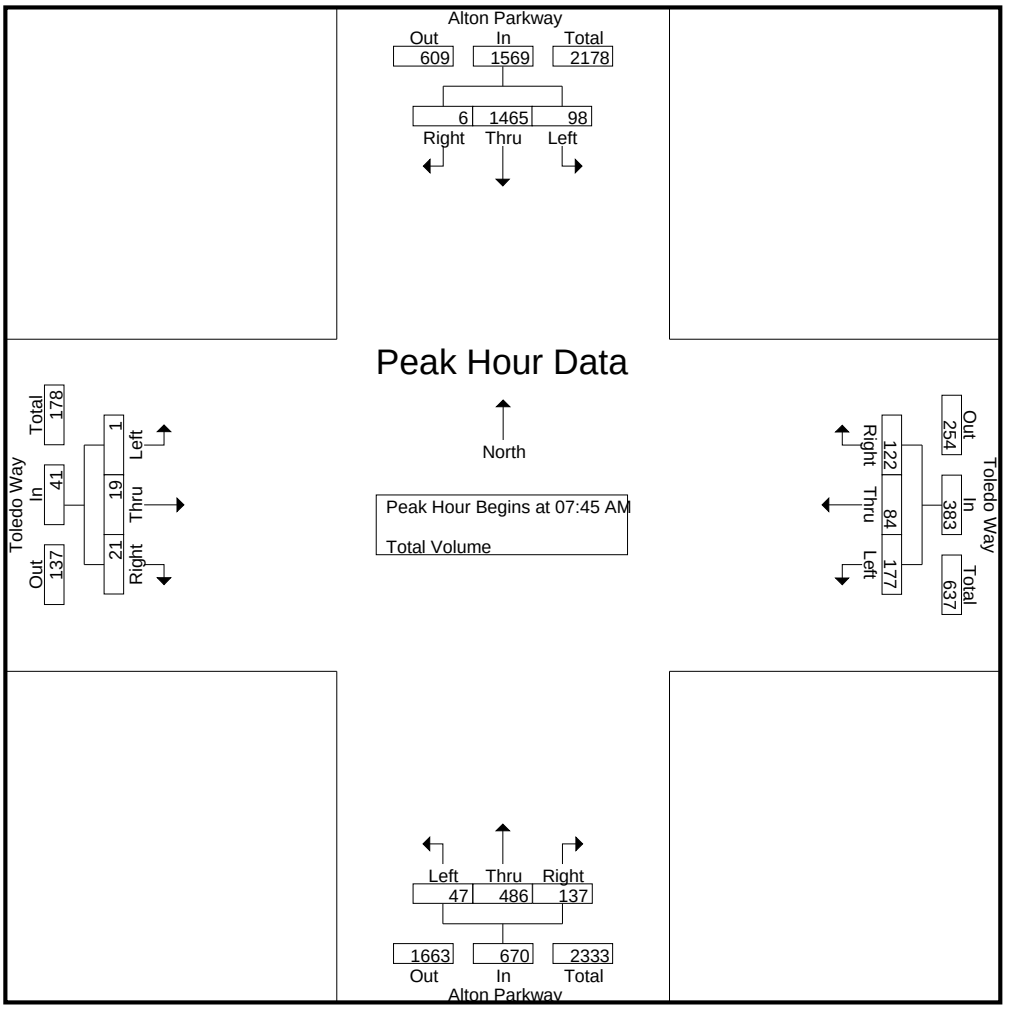
City of Irvine
N/S: Alton Parkway
E/W: Toledo Way
Weather: Clear

File Name : 339_IRV_Alt_Toledo AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:00 AM			
+0 mins.	**30**	335	**2**	367	35	20	29	84	**16**	106	**46**	168	0	5	6	11
+15 mins.	29	**410**	2	**441**	44	21	30	95	6	110	30	146	0	6	**8**	**14**
+30 mins.	21	326	1	348	**63**	21	**33**	**117**	11	107	27	145	0	5	6	11
+45 mins.	18	394	1	413	35	**22**	30	87	14	**163**	34	**211**	0	**7**	4	11
Total Volume	98	1465	6	1569	177	84	122	383	47	486	137	670	0	23	24	47
% App. Total	6.2	93.4	0.4		46.2	21.9	31.9		7	72.5	20.4		0	48.9	51.1	
PHF	.817	.893	.750	.889	.702	.955	.924	.818	.734	.745	.745	.794	.000	.821	.750	.839

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City of Irvine
N/S: Alton Parkway
E/W: Toledo Way
Weather: Clear

File Name : 339_IRV_Alt_Toledo PM
Site Code : 05124139
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Groups Printed- Total Volume

	Alton Parkway Southbound				Toledo Way Westbound				Alton Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	132	1	140	21	7	19	47	5	247	40	292	1	17	22	40	519
04:15 PM	7	148	1	156	18	5	14	37	9	228	40	277	2	12	10	24	494
04:30 PM	10	131	2	143	29	5	19	53	11	277	41	329	1	10	17	28	553
04:45 PM	10	133	0	143	26	10	27	63	6	242	47	295	3	13	13	29	530
Total	34	544	4	582	94	27	79	200	31	994	168	1193	7	52	62	121	2096
05:00 PM	13	187	0	200	31	5	22	58	6	300	47	353	3	19	26	48	659
05:15 PM	9	167	1	177	25	10	24	59	4	346	54	404	0	19	12	31	671
05:30 PM	9	143	0	152	21	2	17	40	2	335	48	385	0	12	8	20	597
05:45 PM	5	122	1	128	18	4	18	40	3	266	36	305	1	8	8	17	490
Total	36	619	2	657	95	21	81	197	15	1247	185	1447	4	58	54	116	2417
Grand Total	70	1163	6	1239	189	48	160	397	46	2241	353	2640	11	110	116	237	4513
Apprch %	5.6	93.9	0.5		47.6	12.1	40.3		1.7	84.9	13.4		4.6	46.4	48.9		
Total %	1.6	25.8	0.1	27.5	4.2	1.1	3.5	8.8	1	49.7	7.8	58.5	0.2	2.4	2.6	5.3	

	Alton Parkway Southbound				Toledo Way Westbound				Alton Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	10	133	0	143	26	**10**	**27**	**63**	**6**	242	47	295	**3**	13	13	29	530
05:00 PM	**13**	**187**	0	**200**	**31**	5	22	58	6	300	47	353	3	**19**	**26**	**48**	659
05:15 PM	9	167	**1**	177	25	10	24	59	4	**346**	**54**	**404**	0	19	12	31	**671**
05:30 PM	9	143	0	152	21	2	17	40	2	335	48	385	0	12	8	20	597
Total Volume	41	630	1	672	103	27	90	220	18	1223	196	1437	6	63	59	128	2457
% App. Total	6.1	93.8	0.1		46.8	12.3	40.9		1.3	85.1	13.6		4.7	49.2	46.1		
PHF	.788	.842	.250	.840	.831	.675	.833	.873	.750	.884	.907	.889	.500	.829	.567	.667	.915

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City of Irvine
N/S: Alton Parkway
E/W: Toledo Way
Weather: Clear

File Name : 339_IRV_Alt_Toledo PM
Site Code : 05124139
Start Date : 1/23/2024
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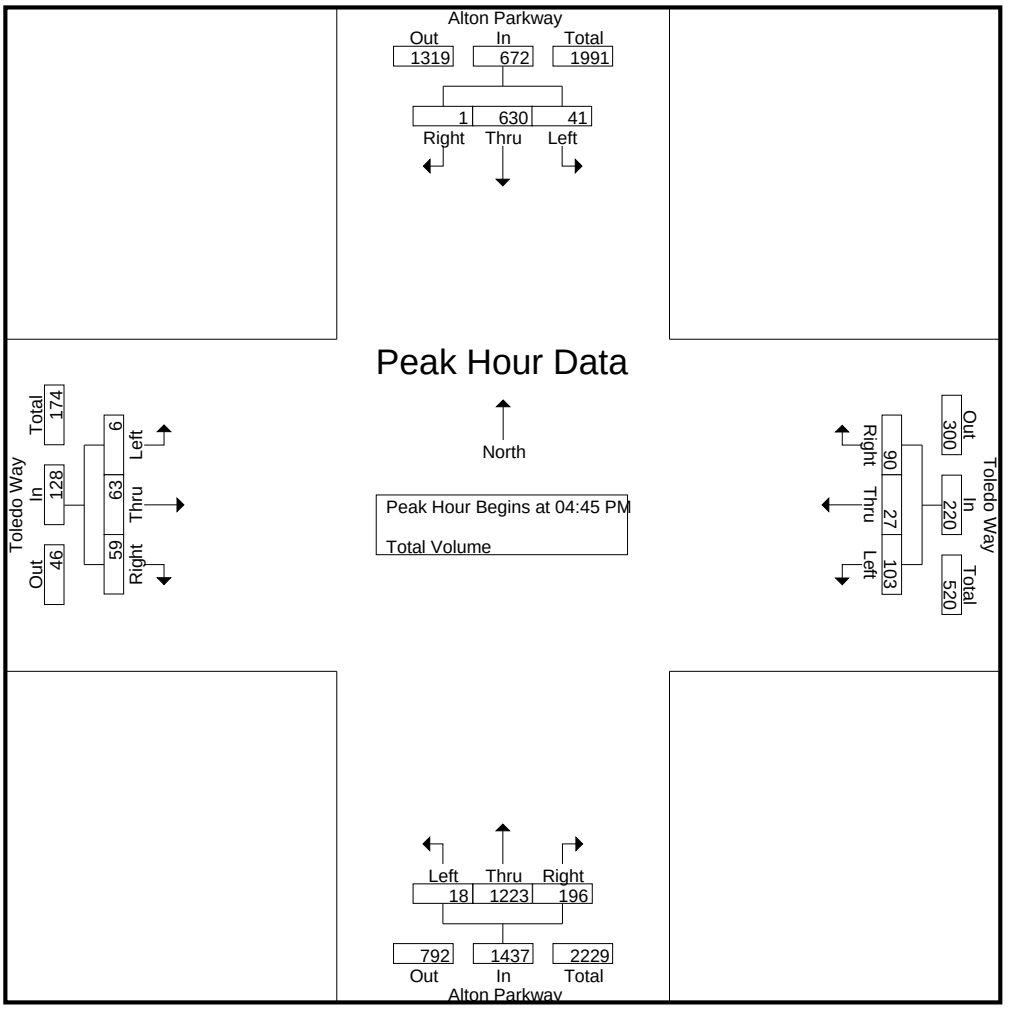

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				05:00 PM				04:30 PM			
+0 mins.	10	133	0	143	29	5	19	53	**6**	300	47	353	1	10	17	28
+15 mins.	**13**	**187**	0	**200**	26	**10**	**27**	**63**	4	**346**	**54**	**404**	**3**	13	13	29
+30 mins.	9	167	**1**	177	**31**	5	22	58	2	335	48	385	3	**19**	**26**	**48**
+45 mins.	9	143	0	152	25	10	24	59	3	266	36	305	0	19	12	31
Total Volume	41	630	1	672	111	30	92	233	15	1247	185	1447	7	61	68	136
% App. Total	6.1	93.8	0.1		47.6	12.9	39.5		1	86.2	12.8		5.1	44.9	50	
PHF	.788	.842	.250	.840	.895	.750	.852	.925	.625	.901	.856	.895	.583	.803	.654	.708

Location: Irvine
N/S: Alton Parkway
E/W: Toledo Way

ITAM: 339
Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway Pedestrians	East Leg Toledo Way Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Toledo Way Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	0	1	0	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	1	1
8:45 AM	2	0	0	0	2
TOTAL VOLUMES:	2	2	0	1	5

	North Leg Alton Parkway Pedestrians	East Leg Toledo Way Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Toledo Way Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	1	0	0	1	2
4:30 PM	1	0	0	1	2
4:45 PM	0	0	1	1	2
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	3	0	1	3	7

Location: Irvine
N/S: Alton Parkway
E/W: Toledo Way

ITAM: 339
Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Toledo Way			Northbound Alton Parkway			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	3	0	0	0	1	0	1	1	0	0	0	6
7:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:30 AM	0	2	0	0	0	0	0	1	0	0	0	1	4
7:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
8:00 AM	0	2	0	1	0	0	0	1	0	0	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	8	0	2	0	1	0	6	1	0	0	1	19

	Southbound Alton Parkway			Westbound Toledo Way			Northbound Alton Parkway			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	1	0	0	0	1	0	0	1	4
5:00 PM	0	3	0	0	0	1	0	2	0	0	0	0	6
5:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	8	0	1	1	1	0	4	1	0	0	1	17

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City of Irvine
N/S: Alton Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 340_IRV_Alton_Jero Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	169	1	176	33	11	6	50	9	194	28	231	0	0	4	4	461
07:15 AM	12	243	2	257	43	5	8	56	11	168	50	229	0	2	1	3	545
07:30 AM	11	298	2	311	60	6	9	75	6	165	54	225	0	1	2	3	614
07:45 AM	18	360	2	380	95	6	12	113	8	233	36	277	0	0	2	2	772
Total	47	1070	7	1124	231	28	35	294	34	760	168	962	0	3	9	12	2392
08:00 AM	18	381	8	407	74	10	21	105	13	199	64	276	0	0	0	0	788
08:15 AM	11	408	5	424	87	14	16	117	11	231	44	286	0	1	5	6	833
08:30 AM	8	361	7	376	99	10	22	131	18	247	39	304	1	3	3	7	818
08:45 AM	28	343	7	378	72	17	13	102	11	204	49	264	2	2	5	9	753
Total	65	1493	27	1585	332	51	72	455	53	881	196	1130	3	6	13	22	3192
Grand Total	112	2563	34	2709	563	79	107	749	87	1641	364	2092	3	9	22	34	5584
Apprch %	4.1	94.6	1.3		75.2	10.5	14.3		4.2	78.4	17.4		8.8	26.5	64.7		
Total %	2	45.9	0.6	48.5	10.1	1.4	1.9	13.4	1.6	29.4	6.5	37.5	0.1	0.2	0.4	0.6	

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**18**	360	2	380	95	6	12	113	8	233	36	277	0	0	2	2	772
08:00 AM	18	381	**8**	407	74	10	21	105	13	199	**64**	276	0	0	0	0	788
08:15 AM	11	**408**	5	**424**	87	**14**	16	117	11	231	44	286	0	1	**5**	6	**833**
08:30 AM	8	361	7	376	**99**	10	**22**	**131**	**18**	**247**	39	**304**	**1**	**3**	3	**7**	818
Total Volume	55	1510	22	1587	355	40	71	466	50	910	183	1143	1	4	10	15	3211
% App. Total	3.5	95.1	1.4		76.2	8.6	15.2		4.4	79.6	16		6.7	26.7	66.7		
PHF	.764	.925	.688	.936	.896	.714	.807	.889	.694	.921	.715	.940	.250	.333	.500	.536	.964

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City of Irvine
N/S: Alton Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 340_IRV_Alton_Jero Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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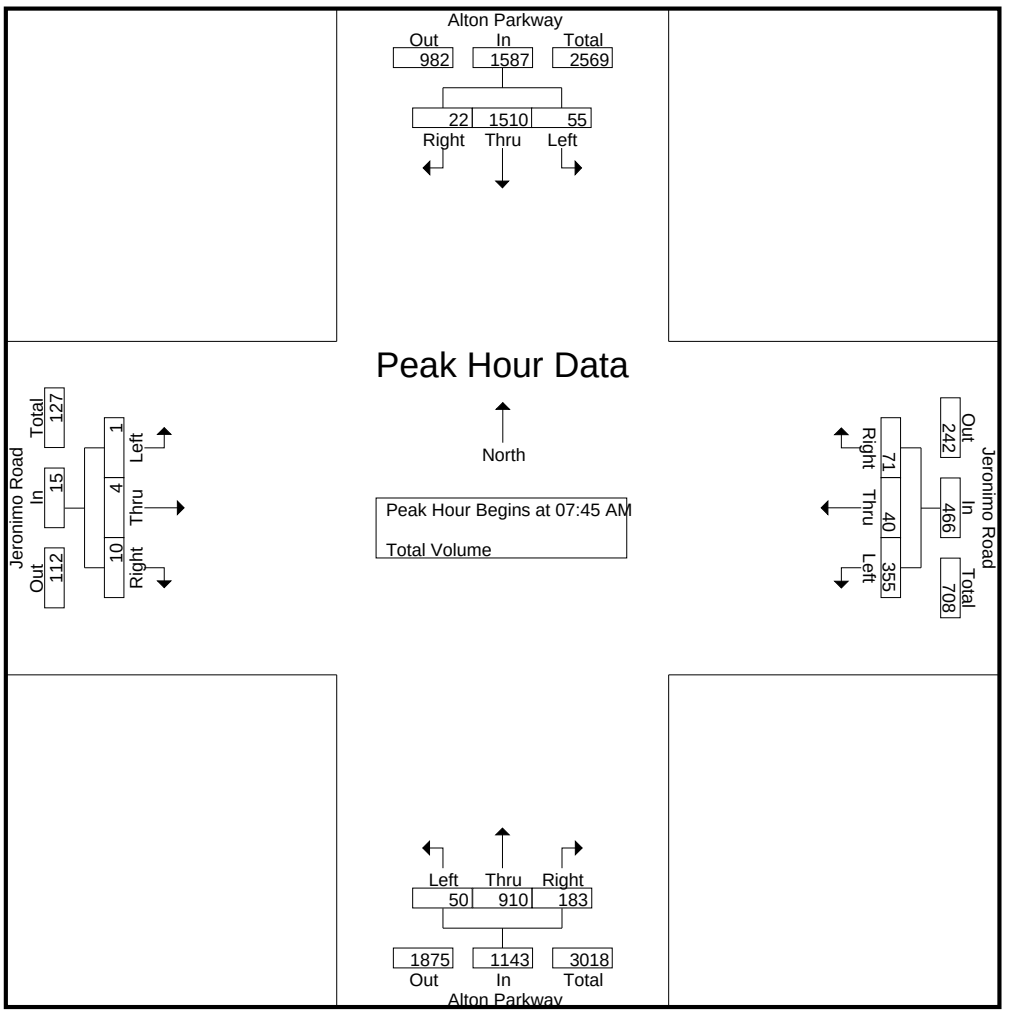

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	**18**	360	2	380	95	6	12	113	8	233	36	277	0	0	0	0
+15 mins.	18	381	**8**	407	74	10	21	105	13	199	**64**	276	0	1	**5**	6
+30 mins.	11	**408**	5	**424**	87	**14**	16	117	11	231	44	286	1	**3**	3	7
+45 mins.	8	361	7	376	**99**	10	**22**	**131**	**18**	**247**	39	**304**	**2**	2	5	**9**
Total Volume	55	1510	22	1587	355	40	71	466	50	910	183	1143	3	6	13	22
% App. Total	3.5	95.1	1.4		76.2	8.6	15.2		4.4	79.6	16		13.6	27.3	59.1	
PHF	.764	.925	.688	.936	.896	.714	.807	.889	.694	.921	.715	.940	.375	.500	.650	.611

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City of Irvine
N/S: Alton Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 340_IRV_Alton_Jero Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	3	211	1	215	53	4	15	72	3	272	49	324	4	9	23	36	647
04:15 PM	9	237	0	246	44	4	12	60	6	272	66	344	3	5	17	25	675
04:30 PM	11	222	0	233	61	1	16	78	7	282	63	352	6	5	16	27	690
04:45 PM	8	207	2	217	46	5	17	68	1	292	69	362	1	9	13	23	670
Total	31	877	3	911	204	14	60	278	17	1118	247	1382	14	28	69	111	2682
05:00 PM	11	292	2	305	51	2	16	69	3	305	90	398	8	8	22	38	810
05:15 PM	5	262	1	268	55	0	12	67	1	404	84	489	4	9	11	24	848
05:30 PM	11	195	2	208	41	0	12	53	3	347	92	442	2	5	11	18	721
05:45 PM	8	199	0	207	37	0	7	44	6	308	78	392	1	0	4	5	648
Total	35	948	5	988	184	2	47	233	13	1364	344	1721	15	22	48	85	3027
06:00 PM	4	188	1	193	31	2	7	40	0	320	50	370	1	3	5	9	612
06:15 PM	5	164	0	169	26	1	7	34	2	258	57	317	1	4	15	20	540
Grand Total	75	2177	9	2261	445	19	121	585	32	3060	698	3790	31	57	137	225	6861
Apprch %	3.3	96.3	0.4		76.1	3.2	20.7		0.8	80.7	18.4		13.8	25.3	60.9		
Total %	1.1	31.7	0.1	33	6.5	0.3	1.8	8.5	0.5	44.6	10.2	55.2	0.5	0.8	2	3.3	

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	8	207	**2**	217	46	**5**	**17**	68	1	292	69	362	1	**9**	13	23	670
05:00 PM	**11**	**292**	2	**305**	51	2	16	**69**	**3**	305	90	398	**8**	8	**22**	**38**	810
05:15 PM	5	262	1	268	**55**	0	12	67	1	**404**	84	**489**	4	9	11	24	**848**
05:30 PM	11	195	2	208	41	0	12	53	3	347	**92**	442	2	5	11	18	721
Total Volume	35	956	7	998	193	7	57	257	8	1348	335	1691	15	31	57	103	3049
% App. Total	3.5	95.8	0.7		75.1	2.7	22.2		0.5	79.7	19.8		14.6	30.1	55.3		
PHF	.795	.818	.875	.818	.877	.350	.838	.931	.667	.834	.910	.865	.469	.861	.648	.678	.899

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City of Irvine
N/S: Alton Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 340_IRV_Alton_Jero Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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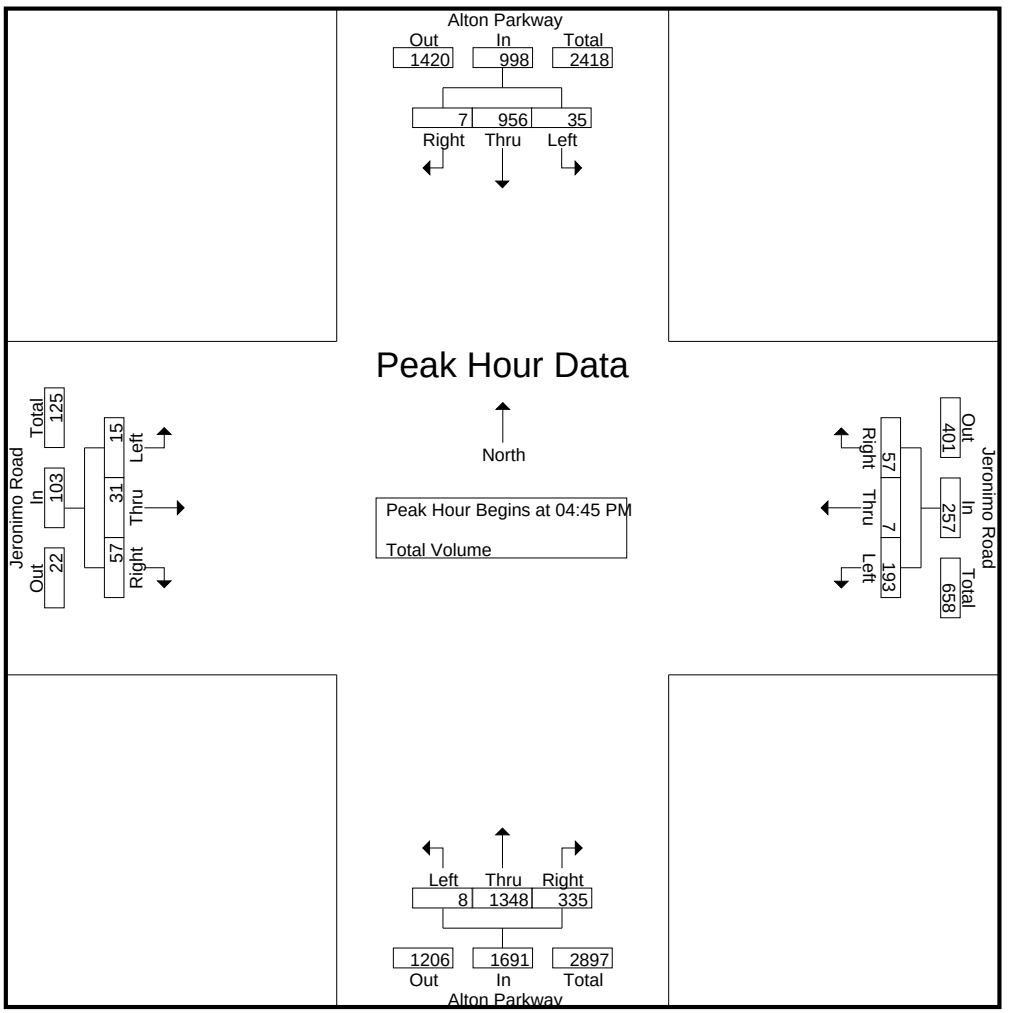

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				05:00 PM				04:15 PM			
+0 mins.	**11**	222	0	233	**61**	1	16	**78**	3	305	90	398	3	5	17	25
+15 mins.	8	207	**2**	217	46	**5**	**17**	68	1	**404**	84	**489**	6	5	16	27
+30 mins.	11	**292**	2	**305**	51	2	16	69	3	347	**92**	442	1	**9**	13	23
+45 mins.	5	262	1	268	55	0	12	67	**6**	308	78	392	**8**	8	**22**	**38**
Total Volume	35	983	5	1023	213	8	61	282	13	1364	344	1721	18	27	68	113
% App. Total	3.4	96.1	0.5		75.5	2.8	21.6		0.8	79.3	20		15.9	23.9	60.2	
PHF	.795	.842	.625	.839	.873	.400	.897	.904	.542	.844	.935	.880	.563	.750	.773	.743

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City of Irvine
N/S: Alton Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 340_IRV_Alton_Jero Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	17	224	2	243	37	7	3	47	11	152	37	200	0	0	0	0	490
07:15 AM	14	289	1	304	30	2	8	40	4	165	36	205	1	0	0	1	550
07:30 AM	23	381	2	406	74	2	10	86	8	174	47	229	0	0	1	1	722
07:45 AM	19	402	3	424	76	4	18	98	10	222	54	286	0	0	4	4	812
Total	73	1296	8	1377	217	15	39	271	33	713	174	920	1	0	5	6	2574
08:00 AM	27	426	2	455	73	9	13	95	10	197	44	251	0	2	0	2	803
08:15 AM	28	423	7	458	82	5	24	111	13	272	42	327	0	0	3	3	899
08:30 AM	16	372	7	395	86	21	15	122	13	211	32	256	0	1	3	4	777
08:45 AM	12	335	9	356	83	13	16	112	13	215	38	266	0	2	5	7	741
Total	83	1556	25	1664	324	48	68	440	49	895	156	1100	0	5	11	16	3220
Grand Total	156	2852	33	3041	541	63	107	711	82	1608	330	2020	1	5	16	22	5794
Apprch %	5.1	93.8	1.1		76.1	8.9	15		4.1	79.6	16.3		4.5	22.7	72.7		
Total %	2.7	49.2	0.6	52.5	9.3	1.1	1.8	12.3	1.4	27.8	5.7	34.9	0	0.1	0.3	0.4	

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	19	402	3	424	76	4	18	98	10	222	**54**	286	0	0	**4**	**4**	812
08:00 AM	27	**426**	2	455	73	9	13	95	10	197	44	251	0	**2**	0	2	803
08:15 AM	**28**	423	**7**	**458**	82	5	**24**	111	**13**	**272**	42	**327**	0	0	3	3	**899**
08:30 AM	16	372	7	395	**86**	**21**	15	**122**	13	211	32	256	0	1	3	4	777
Total Volume	90	1623	19	1732	317	39	70	426	46	902	172	1120	0	3	10	13	3291
% App. Total	5.2	93.7	1.1		74.4	9.2	16.4		4.1	80.5	15.4		0	23.1	76.9		
PHF	.804	.952	.679	.945	.922	.464	.729	.873	.885	.829	.796	.856	.000	.375	.625	.813	.915

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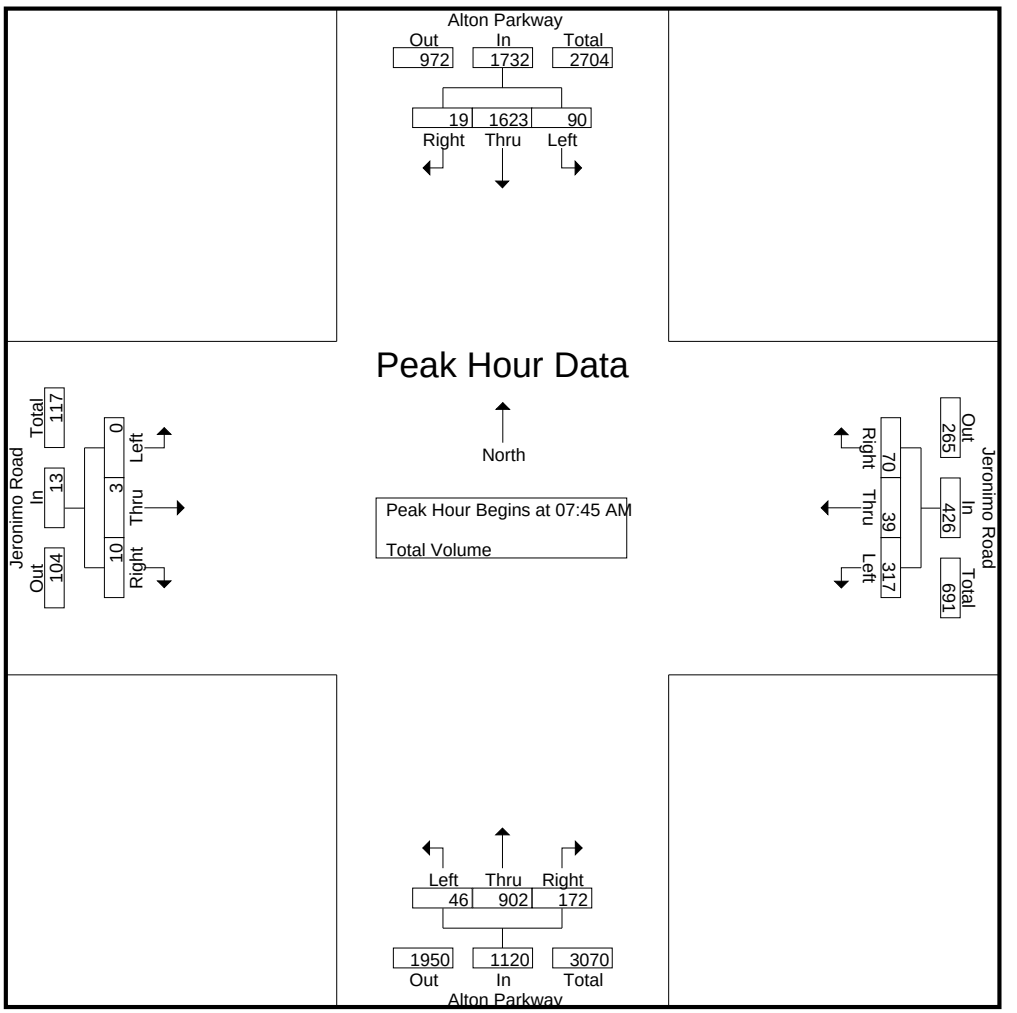

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	23	381	2	406	73	9	13	95	10	222	**54**	286	0	**2**	0	2
+15 mins.	19	402	3	424	82	5	**24**	111	10	197	44	251	0	0	3	3
+30 mins.	27	**426**	2	455	**86**	**21**	15	**122**	**13**	**272**	42	**327**	0	1	3	4
+45 mins.	**28**	423	**7**	**458**	83	13	16	112	13	211	32	256	0	2	**5**	**7**
Total Volume	97	1632	14	1743	324	48	68	440	46	902	172	1120	0	5	11	16
% App. Total	5.6	93.6	0.8		73.6	10.9	15.5		4.1	80.5	15.4		0	31.2	68.8	
PHF	.866	.958	.500	.951	.942	.571	.708	.902	.885	.829	.796	.856	.000	.625	.550	.571

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City of Irvine
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File Name : 340_IRV_Alton_Jero Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	247	1	258	47	1	11	59	2	227	58	287	0	7	20	27	631
04:15 PM	9	241	1	251	54	4	14	72	4	300	58	362	2	5	11	18	703
04:30 PM	12	236	0	248	77	1	19	97	2	271	46	319	4	5	14	23	687
04:45 PM	10	203	0	213	59	1	10	70	3	286	84	373	5	3	12	20	676
Total	41	927	2	970	237	7	54	298	11	1084	246	1341	11	20	57	88	2697
05:00 PM	5	290	0	295	63	0	19	82	2	332	68	402	7	9	15	31	810
05:15 PM	7	253	2	262	45	2	8	55	6	358	60	424	1	3	15	19	760
05:30 PM	19	244	0	263	55	0	12	67	2	296	84	382	3	1	4	8	720
05:45 PM	11	181	1	193	38	1	4	43	0	291	69	360	1	2	15	18	614
Total	42	968	3	1013	201	3	43	247	10	1277	281	1568	12	15	49	76	2904
06:00 PM	8	145	0	153	32	2	9	43	3	269	55	327	3	5	13	21	544
06:15 PM	2	180	0	182	23	1	3	27	5	266	44	315	1	2	9	12	536
Grand Total	93	2220	5	2318	493	13	109	615	29	2896	626	3551	27	42	128	197	6681
Apprch %	4	95.8	0.2		80.2	2.1	17.7		0.8	81.6	17.6		13.7	21.3	65		
Total %	1.4	33.2	0.1	34.7	7.4	0.2	1.6	9.2	0.4	43.3	9.4	53.2	0.4	0.6	1.9	2.9	

	Alton Parkway Southbound				Jeronimo Road Westbound				Alton Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	10	203	0	213	59	1	10	70	3	286	**84**	373	5	3	12	20	676
05:00 PM	5	**290**	0	**295**	**63**	0	**19**	**82**	2	332	68	402	**7**	**9**	**15**	**31**	**810**
05:15 PM	7	253	**2**	262	45	**2**	8	55	**6**	**358**	60	**424**	1	3	15	19	760
05:30 PM	**19**	244	0	263	55	0	12	67	2	296	84	382	3	1	4	8	720
Total Volume	41	990	2	1033	222	3	49	274	13	1272	296	1581	16	16	46	78	2966
% App. Total	4	95.8	0.2		81	1.1	17.9		0.8	80.5	18.7		20.5	20.5	59		
PHF	.539	.853	.250	.875	.881	.375	.645	.835	.542	.888	.881	.932	.571	.444	.767	.629	.915

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City of Irvine
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Weather: Clear

File Name : 340_IRV_Alton_Jero Thu PM
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Start Date : 1/25/2024
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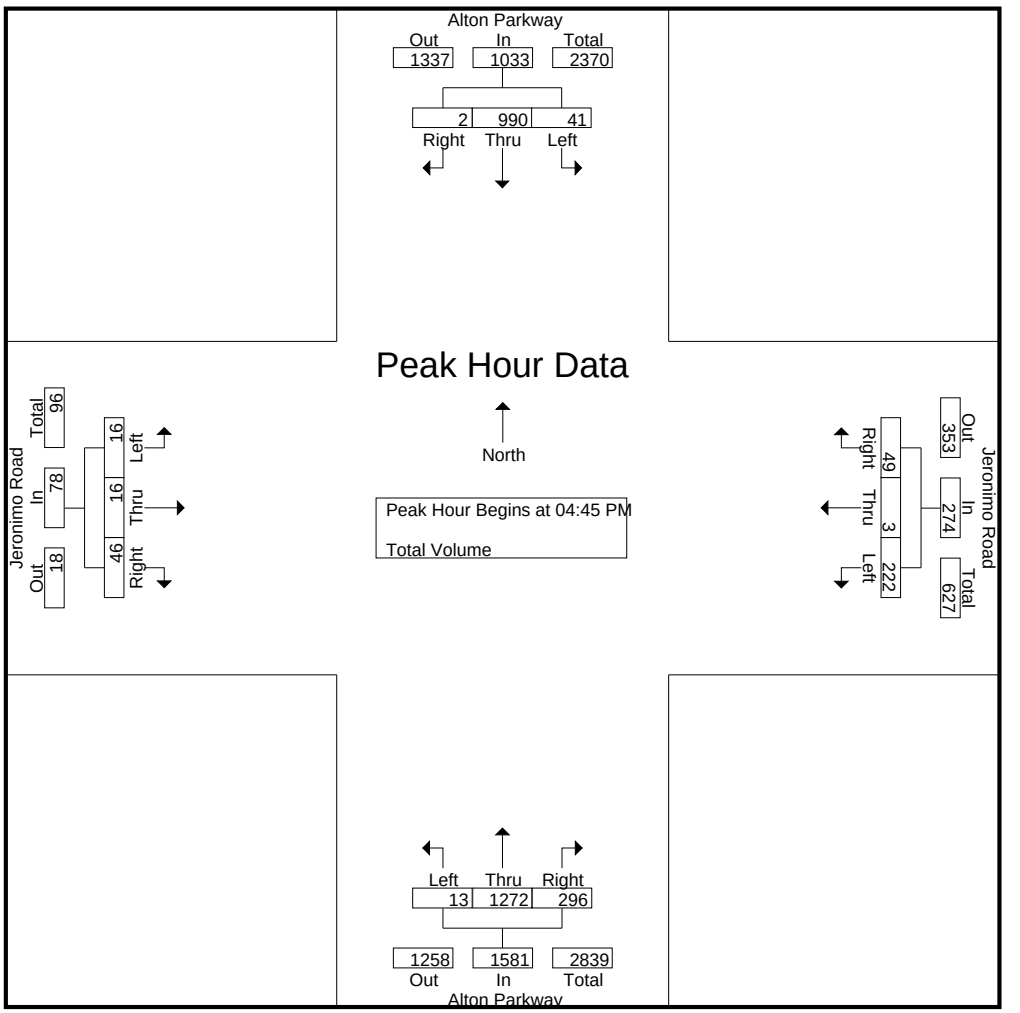

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				04:45 PM				04:30 PM			
+0 mins.	10	203	0	213	54	**4**	14	72	3	286	**84**	373	4	5	14	23
+15 mins.	5	**290**	0	**295**	**77**	1	**19**	**97**	2	332	68	402	5	3	12	20
+30 mins.	7	253	**2**	262	59	1	10	70	**6**	**358**	60	**424**	**7**	**9**	**15**	**31**
+45 mins.	**19**	244	0	263	63	0	19	82	2	296	84	382	1	3	15	19
Total Volume	41	990	2	1033	253	6	62	321	13	1272	296	1581	17	20	56	93
% App. Total	4	95.8	0.2		78.8	1.9	19.3		0.8	80.5	18.7		18.3	21.5	60.2	
PHF	.539	.853	.250	.875	.821	.375	.816	.827	.542	.888	.881	.932	.607	.556	.933	.750

Location: Irvine
N/S: Alton Parkway
E/W: Jeronimo Road

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway Pedestrians	East Leg Jeronimo Road Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Jeronimo Road Pedestrians	
7:00 AM	2	1	0	0	3
7:15 AM	0	0	0	1	1
7:30 AM	2	1	0	0	3
7:45 AM	1	0	0	1	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	1	0	1	2
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	5	4	0	3	12

	North Leg Alton Parkway Pedestrians	East Leg Jeronimo Road Pedestrians	South Leg Alton Parkway Pedestrians	West Leg Jeronimo Road Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	1	0	1	2
4:30 PM	1	0	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	1	1	1	1	4

Location: Irvine
N/S: Alton Parkway
E/W: Jeronimo Road

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Jeronimo Road			Northbound Alton Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	5	0	0	0	0	0	2	0	0	0	0	7
7:15 AM	0	1	0	0	2	0	0	2	0	0	0	0	5
7:30 AM	0	1	0	0	0	0	0	2	0	0	0	0	3
7:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
8:00 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	2	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	2	0	0	0	0	3
TOTAL VOLUMES:	0	12	0	0	2	0	0	9	2	0	0	0	25

	Southbound Alton Parkway			Westbound Jeronimo Road			Northbound Alton Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	1	0	0	0	0	0	0	0	0	3
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	0	0	1	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	1	1	0	0	0	0	0	1	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	1	4	0	1	0	0	0	4	2	0	0	0	12

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Location: Irvine
N/S: Alton Parkway
E/W: Jeronimo Road

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Jeronimo Road	South Leg Alton Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	3	0	0	0	3
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	1	2
8:45 AM	1	2	0	0	3
TOTAL VOLUMES:	4	2	2	1	9

	North Leg Alton Parkway	East Leg Jeronimo Road	South Leg Alton Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	2	0	0	2
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	0	3	1	0	4

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Location: Irvine
N/S: Alton Parkway
E/W: Jeronimo Road

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Alton Parkway			Westbound Jeronimo Road			Northbound Alton Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	1	0	0	0	2	0	0	0	0	3
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	1	0	0	0	2	1	0	0	0	5

	Southbound Alton Parkway			Westbound Jeronimo Road			Northbound Alton Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	1	0	0	0	0	1	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	1	0	2	0	0	1	0	0	0	6

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City of Irvine
N/S: Alton Parkway
E/W: Barranca Pkwy/Muirlands Blvd
Weather: Clear

File Name : 341_IRV_Alt_Muir AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Muirlands Boulevard Westbound				Alton Parkway Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	27	111	68	206	17	19	7	43	1	165	24	190	47	16	0	63	502
07:15 AM	22	142	129	293	16	32	7	55	0	157	37	194	56	14	1	71	613
07:30 AM	36	182	137	355	17	37	13	67	1	166	30	197	53	30	1	84	703
07:45 AM	49	202	193	444	33	50	18	101	1	217	40	258	49	28	1	78	881
Total	134	637	527	1298	83	138	45	266	3	705	131	839	205	88	3	296	2699
08:00 AM	52	195	203	450	34	58	34	126	1	156	67	224	73	61	0	134	934
08:15 AM	40	231	224	495	31	72	27	130	1	215	52	268	54	25	0	79	972
08:30 AM	40	201	212	453	33	68	27	128	2	184	39	225	85	32	1	118	924
08:45 AM	28	211	168	407	28	50	17	95	0	186	38	224	59	28	1	88	814
Total	160	838	807	1805	126	248	105	479	4	741	196	941	271	146	2	419	3644
Grand Total	294	1475	1334	3103	209	386	150	745	7	1446	327	1780	476	234	5	715	6343
Apprch %	9.5	47.5	43		28.1	51.8	20.1		0.4	81.2	18.4		66.6	32.7	0.7		
Total %	4.6	23.3	21	48.9	3.3	6.1	2.4	11.7	0.1	22.8	5.2	28.1	7.5	3.7	0.1	11.3	

	Alton Parkway Southbound				Muirlands Boulevard Westbound				Alton Parkway Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	49	202	193	444	33	50	18	101	1	**217**	40	258	49	28	**1**	78	881
08:00 AM	**52**	195	203	450	**34**	58	**34**	126	1	156	**67**	224	73	**61**	0	**134**	934
08:15 AM	40	**231**	**224**	**495**	31	**72**	27	**130**	1	215	52	**268**	54	25	0	79	**972**
08:30 AM	40	201	212	453	33	68	27	128	**2**	184	39	225	**85**	32	1	118	924
Total Volume	181	829	832	1842	131	248	106	485	5	772	198	975	261	146	2	409	3711
% App. Total	9.8	45	45.2		27	51.1	21.9		0.5	79.2	20.3		63.8	35.7	0.5		
PHF	.870	.897	.929	.930	.963	.861	.779	.933	.625	.889	.739	.910	.768	.598	.500	.763	.954

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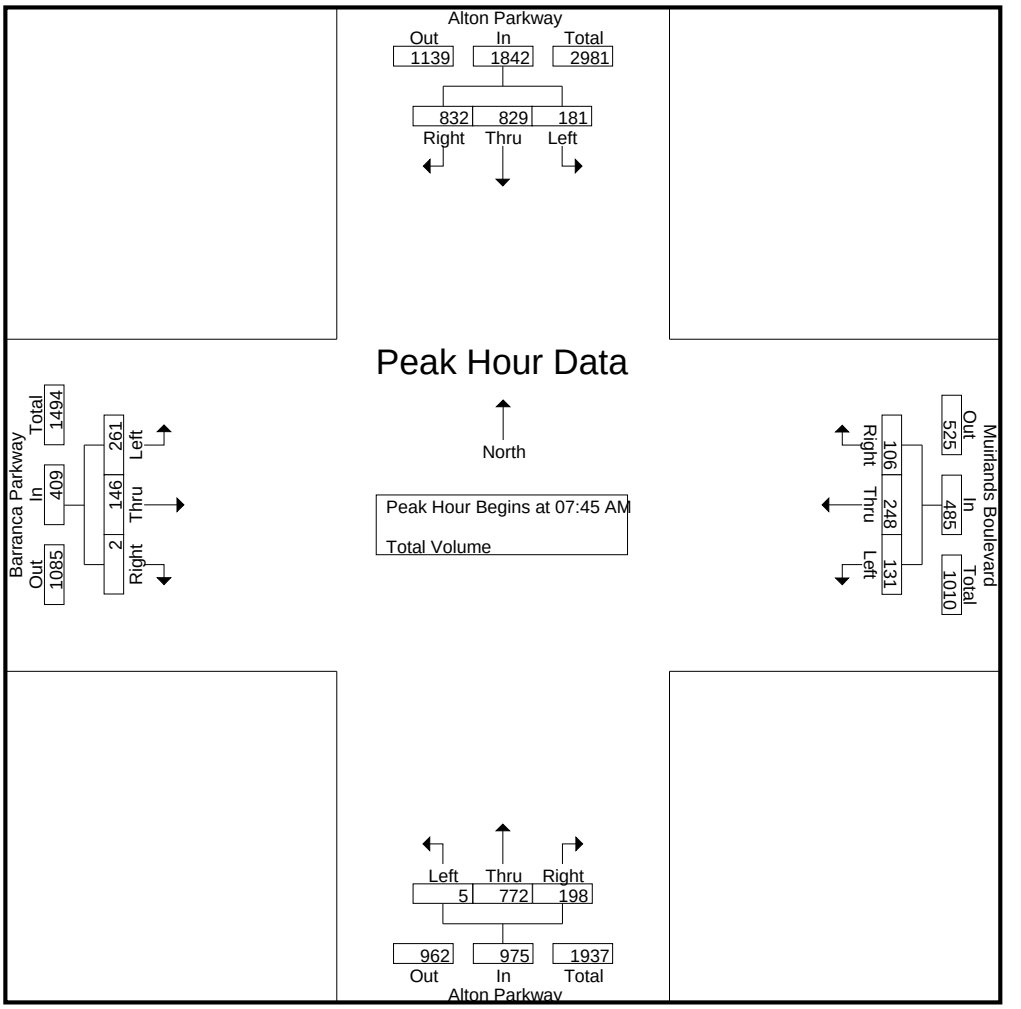
Weather: Clear

File Name : 341_IRV_Alt_Muir AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	49	202	193	444	33	50	18	101	1	**217**	40	258	73	**61**	0	**134**
+15 mins.	**52**	195	203	450	**34**	58	**34**	126	1	156	**67**	224	54	25	0	79
+30 mins.	40	**231**	**224**	**495**	31	**72**	27	**130**	1	215	52	**268**	**85**	32	**1**	118
+45 mins.	40	201	212	453	33	68	27	128	**2**	184	39	225	59	28	1	88
Total Volume	181	829	832	1842	131	248	106	485	5	772	198	975	271	146	2	419
% App. Total	9.8	45	45.2		27	51.1	21.9		0.5	79.2	20.3		64.7	34.8	0.5	
PHF	.870	.897	.929	.930	.963	.861	.779	.933	.625	.889	.739	.910	.797	.598	.500	.782

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City of Irvine
N/S: Alton Parkway
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Weather: Clear

File Name : 341_IRV_Alt_Muir PM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Muirlands Boulevard Westbound				Alton Parkway Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	35	149	98	282	37	41	35	113	0	166	49	215	118	79	3	200	810
04:15 PM	15	161	105	281	20	26	22	68	0	200	51	251	132	49	3	184	784
04:30 PM	24	155	133	312	29	40	30	99	1	194	66	261	130	69	3	202	874
04:45 PM	27	118	105	250	22	34	18	74	2	205	66	273	137	76	1	214	811
Total	101	583	441	1125	108	141	105	354	3	765	232	1000	517	273	10	800	3279
05:00 PM	42	156	154	352	30	59	21	110	2	203	80	285	177	88	5	270	1017
05:15 PM	37	176	112	325	32	45	24	101	2	271	86	359	189	91	1	281	1066
05:30 PM	21	140	101	262	24	36	19	79	0	244	56	300	171	93	2	266	907
05:45 PM	29	117	78	224	16	25	21	62	0	225	60	285	161	91	0	252	823
Total	129	589	445	1163	102	165	85	352	4	943	282	1229	698	363	8	1069	3813
Grand Total	230	1172	886	2288	210	306	190	706	7	1708	514	2229	1215	636	18	1869	7092
Apprch %	10.1	51.2	38.7		29.7	43.3	26.9		0.3	76.6	23.1		65	34	1		
Total %	3.2	16.5	12.5	32.3	3	4.3	2.7	10	0.1	24.1	7.2	31.4	17.1	9	0.3	26.4	

	Alton Parkway Southbound				Muirlands Boulevard Westbound				Alton Parkway Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**42**	156	**154**	**352**	30	**59**	21	**110**	**2**	203	80	285	177	88	**5**	270	1017
05:15 PM	37	**176**	112	325	**32**	45	**24**	101	2	**271**	**86**	**359**	**189**	91	1	**281**	**1066**
05:30 PM	21	140	101	262	24	36	19	79	0	244	56	300	171	**93**	2	266	907
05:45 PM	29	117	78	224	16	25	21	62	0	225	60	285	161	91	0	252	823
Total Volume	129	589	445	1163	102	165	85	352	4	943	282	1229	698	363	8	1069	3813
% App. Total	11.1	50.6	38.3		29	46.9	24.1		0.3	76.7	22.9		65.3	34	0.7		
PHF	.768	.837	.722	.826	.797	.699	.885	.800	.500	.870	.820	.856	.923	.976	.400	.951	.894

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City of Irvine
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Weather: Clear

File Name : 341_IRV_Alt_Muir PM
Site Code : 05124139
Start Date : 1/23/2024
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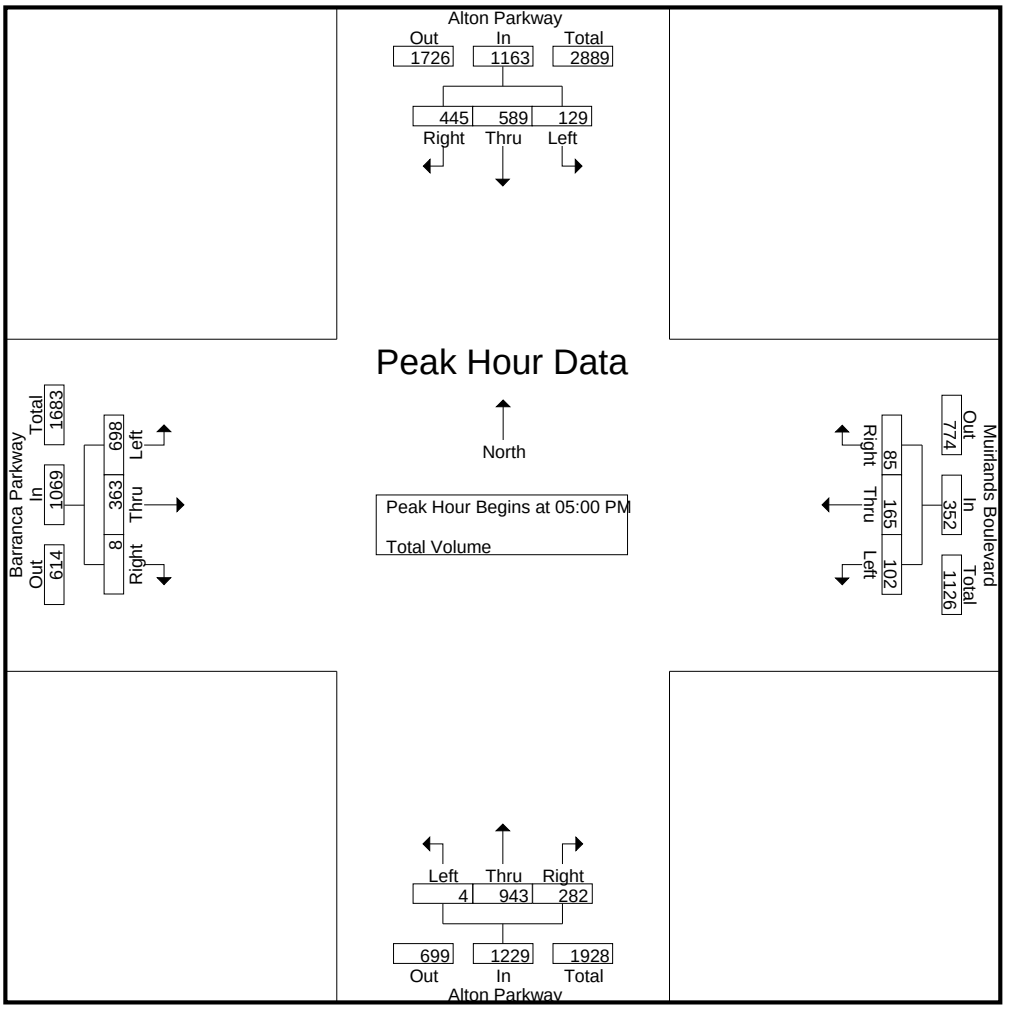

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	24	155	133	312	29	40	**30**	99	**2**	203	80	285	177	88	**5**	270
+15 mins.	27	118	105	250	22	34	18	74	2	**271**	**86**	**359**	**189**	91	1	**281**
+30 mins.	**42**	156	**154**	**352**	30	**59**	21	**110**	0	244	56	300	171	**93**	2	266
+45 mins.	37	**176**	112	325	**32**	45	24	101	0	225	60	285	161	91	0	252
Total Volume	130	605	504	1239	113	178	93	384	4	943	282	1229	698	363	8	1069
% App. Total	10.5	48.8	40.7		29.4	46.4	24.2		0.3	76.7	22.9		65.3	34	0.7	
PHF	.774	.859	.818	.880	.883	.754	.775	.873	.500	.870	.820	.856	.923	.976	.400	.951

Location: Irvine
N/S: Alton Parkway
E/W: Barranca Pkwy/Muirlands Blvd

ITAM: 341
Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Muirlands Boulevard	South Leg Alton Parkway	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	1	1	4
7:15 AM	0	0	0	0	0
7:30 AM	1	1	2	0	4
7:45 AM	0	0	1	0	1
8:00 AM	0	0	0	0	0
8:15 AM	0	1	3	2	6
8:30 AM	1	1	1	1	4
8:45 AM	1	0	1	0	2
TOTAL VOLUMES:	4	4	9	4	21

	North Leg Alton Parkway	East Leg Muirlands Boulevard	South Leg Alton Parkway	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	1	0	1	3
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	1	0	0	1
5:00 PM	1	0	4	0	5
5:15 PM	0	0	2	0	2
5:30 PM	1	0	0	0	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	3	2	6	1	12

Location: Irvine
N/S: Alton Parkway
E/W: Barranca Pkwy/Muirlands Blvd

ITAM: 341
Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Muirlands Boulevard			Northbound Alton Parkway			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	2	0	3	0	0	0	0	0	0	0	2	0	7
7:15 AM	1	1	1	0	0	0	0	0	0	1	0	0	4
7:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	1	0	0	0	0	1	0	0	0	0	3
8:00 AM	0	0	2	0	0	0	0	0	0	0	3	0	5
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	1	0	1	0	0	1	0	1	0	0	4
8:45 AM	0	1	0	0	1	0	0	0	0	0	1	0	3
TOTAL VOLUMES:	3	3	9	0	2	0	0	3	0	2	6	0	28

	Southbound Alton Parkway			Westbound Muirlands Boulevard			Northbound Alton Parkway			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	2	0	1	0	0	0	1	0	0	0	5
4:15 PM	0	0	2	0	1	1	0	0	0	0	1	0	5
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:45 PM	0	0	1	0	1	0	0	1	0	0	0	0	3
5:00 PM	0	0	1	0	1	0	0	2	0	0	1	0	5
5:15 PM	0	0	2	0	1	0	0	0	0	0	1	0	4
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	1	0	8	0	6	1	0	5	1	0	3	0	25

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City of Irvine
N/S: Technology Drive E
E/W: Alton Parkway
Weather: Clear

File Name : 342_IRV_Tech E_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	1	2	9	125	2	136	0	1	5	6	9	215	2	226	370
07:15 AM	1	0	2	3	14	124	0	138	4	1	6	11	6	182	4	192	344
07:30 AM	0	0	0	0	17	194	1	212	0	0	6	6	8	242	0	250	468
07:45 AM	1	0	0	1	29	171	8	208	2	2	4	8	11	245	1	257	474
Total	3	0	3	6	69	614	11	694	6	4	21	31	34	884	7	925	1656
08:00 AM	1	1	0	2	36	197	7	240	1	1	18	20	11	252	2	265	527
08:15 AM	1	0	1	2	40	188	3	231	4	0	21	25	9	287	5	301	559
08:30 AM	0	0	1	1	29	201	6	236	2	0	22	24	20	254	2	276	537
08:45 AM	0	1	1	2	23	165	7	195	1	0	12	13	16	233	1	250	460
Total	2	2	3	7	128	751	23	902	8	1	73	82	56	1026	10	1092	2083
Grand Total	5	2	6	13	197	1365	34	1596	14	5	94	113	90	1910	17	2017	3739
Apprch %	38.5	15.4	46.2		12.3	85.5	2.1		12.4	4.4	83.2		4.5	94.7	0.8		
Total %	0.1	0.1	0.2	0.3	5.3	36.5	0.9	42.7	0.4	0.1	2.5	3	2.4	51.1	0.5	53.9	

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**1**	0	0	1	29	171	**8**	208	2	**2**	4	8	11	245	1	257	474
08:00 AM	1	**1**	0	**2**	36	197	7	**240**	1	1	18	20	11	252	2	265	527
08:15 AM	1	0	**1**	2	**40**	188	3	231	**4**	0	21	**25**	9	**287**	**5**	**301**	**559**
08:30 AM	0	0	1	1	29	**201**	6	236	2	0	**22**	24	**20**	254	2	276	537
Total Volume	3	1	2	6	134	757	24	915	9	3	65	77	51	1038	10	1099	2097
% App. Total	50	16.7	33.3		14.6	82.7	2.6		11.7	3.9	84.4		4.6	94.4	0.9		
PHF	.750	.250	.500	.750	.838	.942	.750	.953	.563	.375	.739	.770	.638	.904	.500	.913	.938

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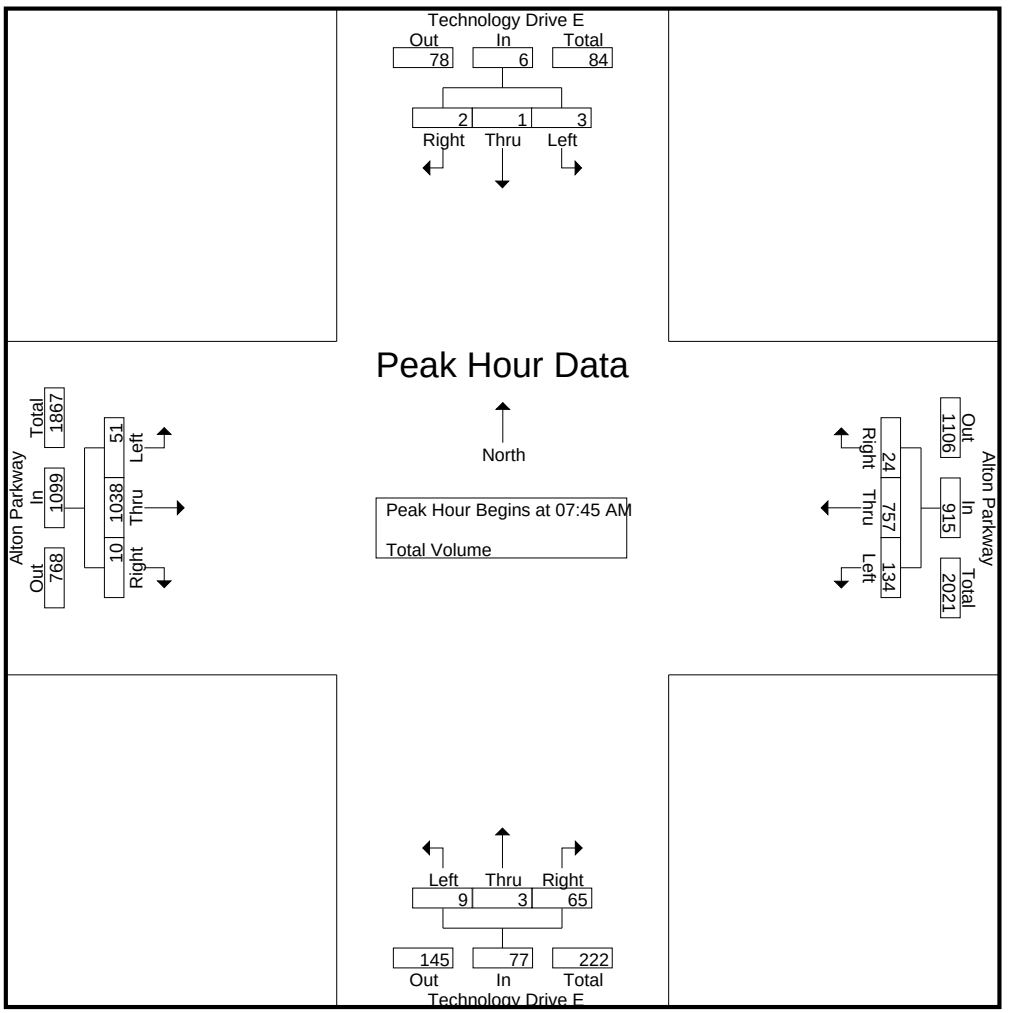
City of Irvine
N/S: Technology Drive E
E/W: Alton Parkway
Weather: Clear

File Name : 342_IRV_Tech E_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	**1**	**1**	0	**2**	29	171	**8**	208	1	**1**	18	20	11	245	1	257
+15 mins.	1	0	**1**	2	36	197	7	**240**	**4**	0	21	**25**	11	252	2	265
+30 mins.	0	0	1	1	**40**	188	3	231	2	0	**22**	24	9	**287**	**5**	**301**
+45 mins.	0	1	1	2	29	**201**	6	236	1	0	12	13	**20**	254	2	276
Total Volume	2	2	3	7	134	757	24	915	8	1	73	82	51	1038	10	1099
% App. Total	28.6	28.6	42.9		14.6	82.7	2.6		9.8	1.2	89		4.6	94.4	0.9	
PHF	.500	.500	.750	.875	.838	.942	.750	.953	.500	.250	.830	.820	.638	.904	.500	.913

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City of Irvine
N/S: Technology Drive E
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Weather: Clear

File Name : 342_IRV_Tech E_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	0	7	13	5	220	2	227	4	0	27	31	0	210	1	211	482
04:15 PM	2	0	3	5	16	215	2	233	2	0	30	32	1	173	0	174	444
04:30 PM	7	0	11	18	9	182	0	191	9	0	54	63	3	198	2	203	475
04:45 PM	4	0	8	12	8	195	1	204	3	0	41	44	2	202	1	205	465
Total	19	0	29	48	38	812	5	855	18	0	152	170	6	783	4	793	1866
05:00 PM	10	0	21	31	7	257	1	265	5	1	45	51	2	245	1	248	595
05:15 PM	7	2	12	21	7	268	1	276	1	0	40	41	2	251	1	254	592
05:30 PM	3	0	13	16	2	212	1	215	0	1	34	35	0	276	0	276	542
05:45 PM	5	0	4	9	7	191	1	199	3	0	16	19	0	192	1	193	420
Total	25	2	50	77	23	928	4	955	9	2	135	146	4	964	3	971	2149
06:00 PM	2	0	9	11	4	210	0	214	4	0	18	22	2	175	0	177	424
06:15 PM	3	0	6	9	2	174	2	178	2	0	11	13	1	213	1	215	415
Grand Total	49	2	94	145	67	2124	11	2202	33	2	316	351	13	2135	8	2156	4854
Apprch %	33.8	1.4	64.8		3	96.5	0.5		9.4	0.6	90		0.6	99	0.4		
Total %	1	0	1.9	3	1.4	43.8	0.2	45.4	0.7	0	6.5	7.2	0.3	44	0.2	44.4	

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	4	0	8	12	**8**	195	**1**	204	3	0	41	44	**2**	202	**1**	205	465
05:00 PM	**10**	0	**21**	**31**	7	257	1	265	**5**	**1**	**45**	**51**	2	245	1	248	**595**
05:15 PM	7	**2**	12	21	7	**268**	1	**276**	1	0	40	41	2	251	1	254	592
05:30 PM	3	0	13	16	2	212	1	215	0	1	34	35	0	**276**	0	**276**	542
Total Volume	24	2	54	80	24	932	4	960	9	2	160	171	6	974	3	983	2194
% App. Total	30	2.5	67.5		2.5	97.1	0.4		5.3	1.2	93.6		0.6	99.1	0.3		
PHF	.600	.250	.643	.645	.750	.869	1.00	.870	.450	.500	.889	.838	.750	.882	.750	.890	.922

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City of Irvine
N/S: Technology Drive E
E/W: Alton Parkway
Weather: Clear

File Name : 342_IRV_Tech E_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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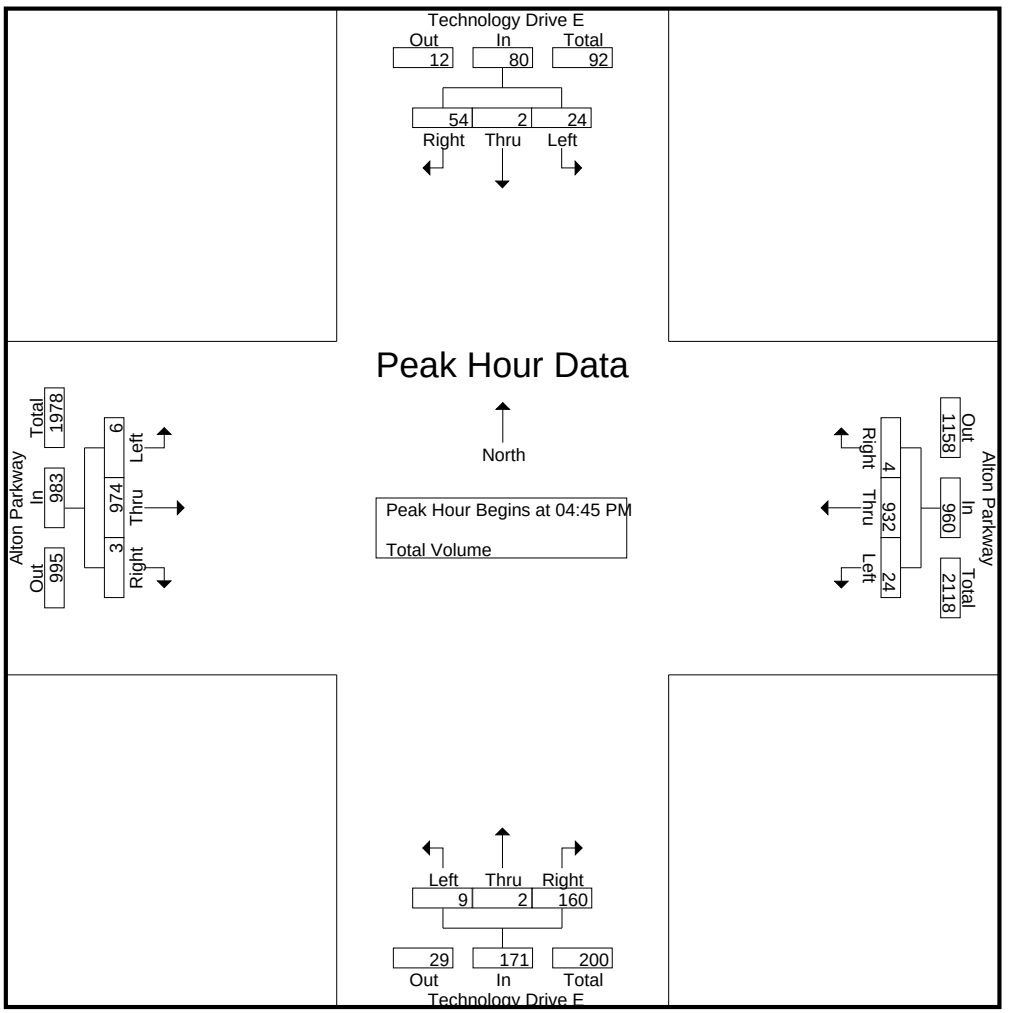

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				04:30 PM				04:45 PM			
+0 mins.	7	0	11	18	**8**	195	**1**	204	**9**	0	**54**	**63**	**2**	202	**1**	205
+15 mins.	4	0	8	12	7	257	1	265	3	0	41	44	2	245	1	248
+30 mins.	**10**	0	**21**	**31**	7	**268**	1	**276**	5	**1**	45	51	2	251	1	254
+45 mins.	7	**2**	12	21	2	212	1	215	1	0	40	41	0	**276**	0	**276**
Total Volume	28	2	52	82	24	932	4	960	18	1	180	199	6	974	3	983
% App. Total	34.1	2.4	63.4		2.5	97.1	0.4		9	0.5	90.5		0.6	99.1	0.3	
PHF	.700	.250	.619	.661	.750	.869	1.000	.870	.500	.250	.833	.790	.750	.882	.750	.890

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City of Irvine
N/S: Technology Drive E
E/W: Alton Parkway
Weather: Clear

File Name : 342_IRV_Tech E_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	8	154	2	164	0	0	5	5	7	199	1	207	377
07:15 AM	1	0	1	2	12	153	1	166	1	1	3	5	5	179	4	188	361
07:30 AM	0	0	2	2	11	238	5	254	3	0	2	5	12	223	0	235	496
07:45 AM	0	0	0	0	29	195	8	232	0	2	2	4	15	228	0	243	479
Total	1	0	4	5	60	740	16	816	4	3	12	19	39	829	5	873	1713
08:00 AM	0	0	0	0	32	238	4	274	2	0	15	17	12	258	2	272	563
08:15 AM	0	0	1	1	35	212	4	251	4	0	27	31	8	271	2	281	564
08:30 AM	0	0	1	1	31	222	3	256	3	0	23	26	14	238	4	256	539
08:45 AM	0	0	0	0	14	173	4	191	1	1	16	18	14	233	2	249	458
Total	0	0	2	2	112	845	15	972	10	1	81	92	48	1000	10	1058	2124
Grand Total	1	0	6	7	172	1585	31	1788	14	4	93	111	87	1829	15	1931	3837
Apprch %	14.3	0	85.7		9.6	88.6	1.7		12.6	3.6	83.8		4.5	94.7	0.8		
Total %	0	0	0.2	0.2	4.5	41.3	0.8	46.6	0.4	0.1	2.4	2.9	2.3	47.7	0.4	50.3	

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	29	195	**8**	232	0	**2**	2	4	**15**	228	0	243	479
08:00 AM	0	0	0	0	32	**238**	4	**274**	2	0	15	17	12	258	2	272	563
08:15 AM	0	0	**1**	**1**	**35**	212	4	251	**4**	0	**27**	**31**	8	**271**	2	**281**	**564**
08:30 AM	0	0	1	1	31	222	3	256	3	0	23	26	14	238	**4**	256	539
Total Volume	0	0	2	2	127	867	19	1013	9	2	67	78	49	995	8	1052	2145
% App. Total	0	0	100		12.5	85.6	1.9		11.5	2.6	85.9		4.7	94.6	0.8		
PHF	.000	.000	.500	.500	.907	.911	.594	.924	.563	.250	.620	.629	.817	.918	.500	.936	.951

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City of Irvine
N/S: Technology Drive E
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File Name : 342_IRV_Tech E_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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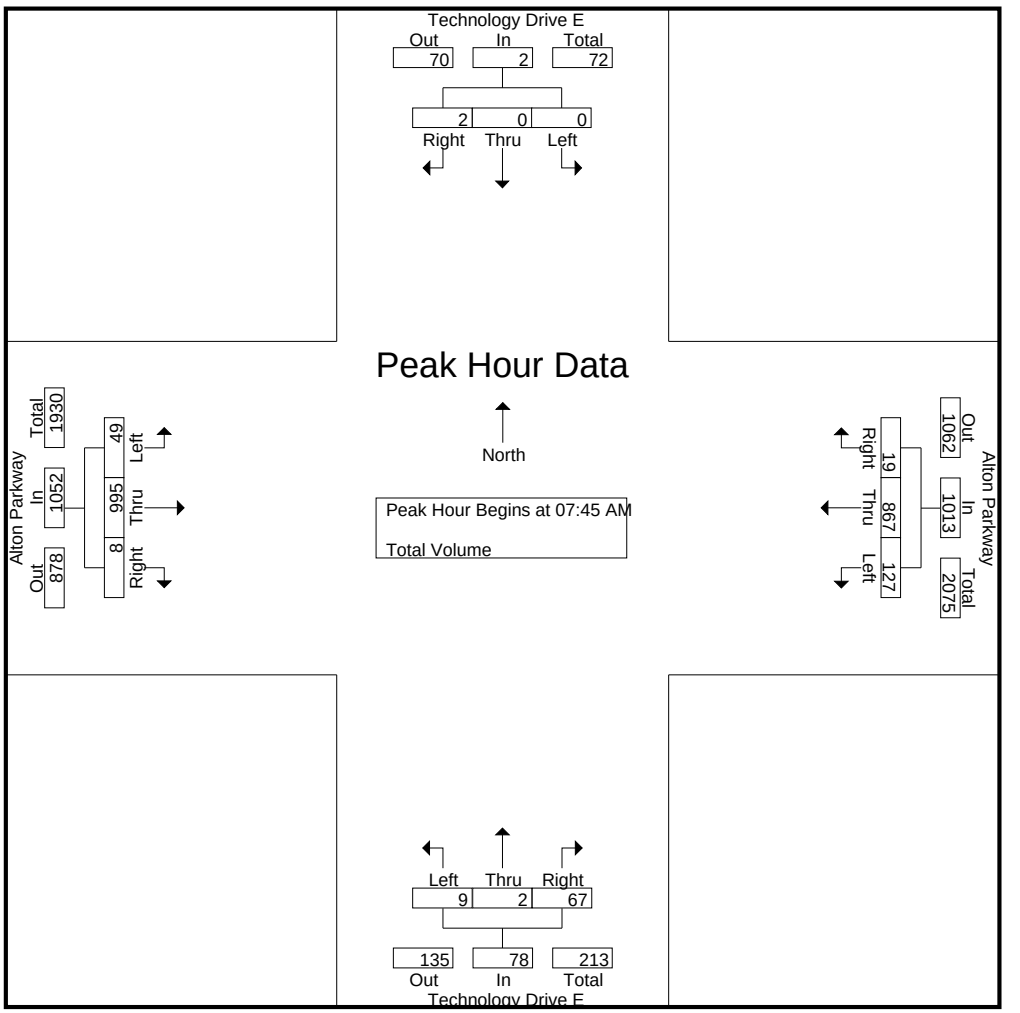

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	1	1	29	195	**8**	232	2	0	15	17	12	258	2	272
+15 mins.	**1**	0	1	**2**	32	**238**	4	**274**	**4**	0	**27**	**31**	8	**271**	2	**281**
+30 mins.	0	0	**2**	2	**35**	212	4	251	3	0	23	26	**14**	238	**4**	256
+45 mins.	0	0	0	0	31	222	3	256	1	**1**	16	18	14	233	2	249
Total Volume	1	0	4	5	127	867	19	1013	10	1	81	92	48	1000	10	1058
% App. Total	20	0	80		12.5	85.6	1.9		10.9	1.1	88		4.5	94.5	0.9	
PHF	.250	.000	.500	.625	.907	.911	.594	.924	.625	.250	.750	.742	.857	.923	.625	.941

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City of Irvine
N/S: Technology Drive E
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Weather: Clear

File Name : 342_IRV_Tech E_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	1	9	12	8	200	0	208	1	0	28	29	3	172	2	177	426
04:15 PM	2	0	3	5	11	201	0	212	3	0	25	28	0	198	1	199	444
04:30 PM	4	0	7	11	9	194	2	205	7	0	44	51	2	210	0	212	479
04:45 PM	2	0	3	5	3	220	1	224	3	0	29	32	0	209	1	210	471
Total	10	1	22	33	31	815	3	849	14	0	126	140	5	789	4	798	1820
05:00 PM	11	0	15	26	7	253	1	261	3	1	31	35	1	208	1	210	532
05:15 PM	6	2	4	12	9	251	0	260	3	1	37	41	0	242	1	243	556
05:30 PM	5	0	13	18	2	216	0	218	3	0	35	38	0	223	0	223	497
05:45 PM	7	0	8	15	5	217	1	223	0	0	20	20	1	209	0	210	468
Total	29	2	40	71	23	937	2	962	9	2	123	134	2	882	2	886	2053
06:00 PM	2	0	14	16	1	172	0	173	2	0	21	23	1	215	1	217	429
06:15 PM	1	0	4	5	4	184	0	188	1	0	7	8	2	181	1	184	385
Grand Total	42	3	80	125	59	2108	5	2172	26	2	277	305	10	2067	8	2085	4687
Apprch %	33.6	2.4	64		2.7	97.1	0.2		8.5	0.7	90.8		0.5	99.1	0.4		
Total %	0.9	0.1	1.7	2.7	1.3	45	0.1	46.3	0.6	0	5.9	6.5	0.2	44.1	0.2	44.5	

	Technology Drive E Southbound				Alton Parkway Westbound				Technology Drive E Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	2	0	3	5	3	220	**1**	224	**3**	0	29	32	0	209	**1**	210	471
05:00 PM	**11**	0	**15**	**26**	7	**253**	1	**261**	3	**1**	31	35	**1**	208	1	210	532
05:15 PM	6	**2**	4	12	**9**	251	0	260	3	1	**37**	**41**	0	**242**	1	**243**	**556**
05:30 PM	5	0	13	18	2	216	0	218	3	0	35	38	0	223	0	223	497
Total Volume	24	2	35	61	21	940	2	963	12	2	132	146	1	882	3	886	2056
% App. Total	39.3	3.3	57.4		2.2	97.6	0.2		8.2	1.4	90.4		0.1	99.5	0.3		
PHF	.545	.250	.583	.587	.583	.929	.500	.922	1.00	.500	.892	.890	.250	.911	.750	.912	.924

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City of Irvine
N/S: Technology Drive E
E/W: Alton Parkway
Weather: Clear

File Name : 342_IRV_Tech E_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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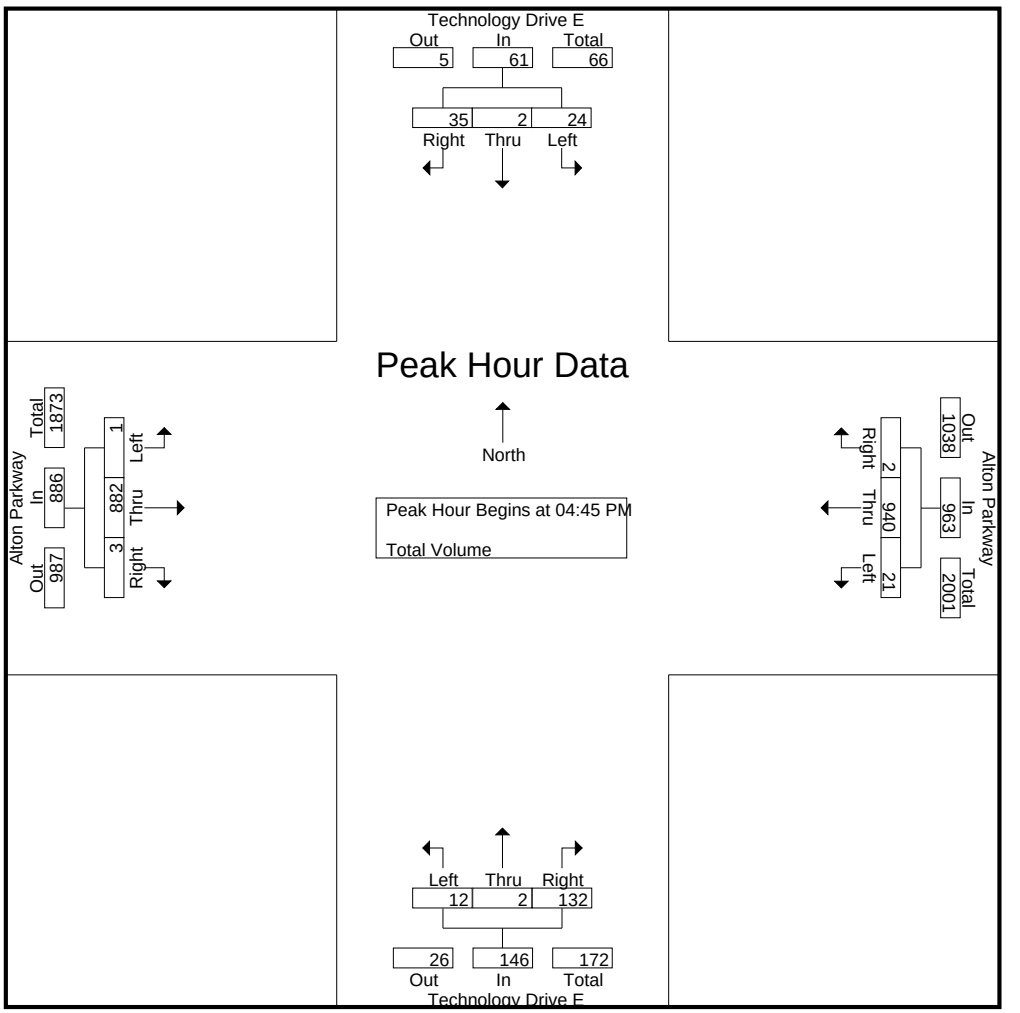

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				05:15 PM			
+0 mins.	**11**	0	**15**	**26**	3	220	**1**	224	**7**	0	**44**	**51**	0	**242**	**1**	**243**
+15 mins.	6	**2**	4	12	7	**253**	1	**261**	3	0	29	32	0	223	0	223
+30 mins.	5	0	13	18	**9**	251	0	260	3	**1**	31	35	**1**	209	0	210
+45 mins.	7	0	8	15	2	216	0	218	3	1	37	41	1	215	1	217
Total Volume	29	2	40	71	21	940	2	963	16	2	141	159	2	889	2	893
% App. Total	40.8	2.8	56.3		2.2	97.6	0.2		10.1	1.3	88.7		0.2	99.6	0.2	
PHF	.659	.250	.667	.683	.583	.929	.500	.922	.571	.500	.801	.779	.500	.918	.500	.919

Location: Irvine
N/S: Technology Drive E
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Technology Drive E	East Leg Alton Parkway	South Leg Technology Drive E	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	1	2
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	1	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	1	2
TOTAL VOLUMES:	0	0	2	3	5

	North Leg Technology Drive E	East Leg Alton Parkway	South Leg Technology Drive E	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	5	0	0	1	6
4:15 PM	1	0	0	1	2
4:30 PM	0	0	1	1	2
4:45 PM	1	0	0	0	1
5:00 PM	0	0	1	1	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	7	0	2	4	13

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Location: Irvine
N/S: Technology Drive E
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Technology Drive E			Westbound Alton Parkway			Northbound Technology Drive E			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	4	0	0	0	1	0	2	0	7

	Southbound Technology Drive E			Westbound Alton Parkway			Northbound Technology Drive E			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	1	0	4	0	7

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Location: Irvine
N/S: Technology Drive E
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Technology Drive E	East Leg Alton Parkway	South Leg Technology Drive E	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	1	2
7:30 AM	1	0	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	1	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	0	1	2	4

	North Leg Technology Drive E	East Leg Alton Parkway	South Leg Technology Drive E	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	1	0	0	0	1
4:30 PM	1	0	1	0	2
4:45 PM	0	0	0	1	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	1	1
TOTAL VOLUMES:	2	0	2	2	6

Location: Irvine
N/S: Technology Drive E
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Technology Drive E			Westbound Alton Parkway			Northbound Technology Drive E			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	2	0	3

	Southbound Technology Drive E			Westbound Alton Parkway			Northbound Technology Drive E			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	2	0	3

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City of Irvine
N/S: Alton Parkway
E/W: Ada
Weather: Clear

File Name : 343_IRV_Alton_Ada Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	59	204	0	263	1	0	10	11	1	114	1	116	0	0	0	0	390
07:15 AM	53	200	3	256	0	3	8	11	1	133	3	137	2	1	0	3	407
07:30 AM	58	250	3	311	0	3	16	19	1	173	3	177	3	0	0	3	510
07:45 AM	64	269	7	340	0	1	7	8	2	179	3	184	3	1	0	4	536
Total	234	923	13	1170	1	7	41	49	5	599	10	614	8	2	0	10	1843
08:00 AM	90	270	9	369	0	1	10	11	2	185	2	189	4	1	1	6	575
08:15 AM	46	282	8	336	2	2	13	17	2	182	3	187	0	2	0	2	542
08:30 AM	72	261	8	341	0	5	11	16	4	179	3	186	1	5	0	6	549
08:45 AM	78	248	7	333	1	3	10	14	5	156	7	168	1	1	0	2	517
Total	286	1061	32	1379	3	11	44	58	13	702	15	730	6	9	1	16	2183
Grand Total	520	1984	45	2549	4	18	85	107	18	1301	25	1344	14	11	1	26	4026
Apprch %	20.4	77.8	1.8		3.7	16.8	79.4		1.3	96.8	1.9		53.8	42.3	3.8		
Total %	12.9	49.3	1.1	63.3	0.1	0.4	2.1	2.7	0.4	32.3	0.6	33.4	0.3	0.3	0	0.6	

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	64	269	7	340	0	1	7	8	2	179	**3**	184	3	1	0	4	536
08:00 AM	**90**	270	**9**	**369**	0	1	10	11	2	**185**	2	**189**	**4**	1	**1**	**6**	**575**
08:15 AM	46	**282**	8	336	**2**	2	**13**	**17**	2	182	3	187	0	2	0	2	542
08:30 AM	72	261	8	341	0	**5**	11	16	**4**	179	3	186	1	**5**	0	6	549
Total Volume	272	1082	32	1386	2	9	41	52	10	725	11	746	8	9	1	18	2202
% App. Total	19.6	78.1	2.3		3.8	17.3	78.8		1.3	97.2	1.5		44.4	50	5.6		
PHF	.756	.959	.889	.939	.250	.450	.788	.765	.625	.980	.917	.987	.500	.450	.250	.750	.957

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City of Irvine
N/S: Alton Parkway
E/W: Ada
Weather: Clear

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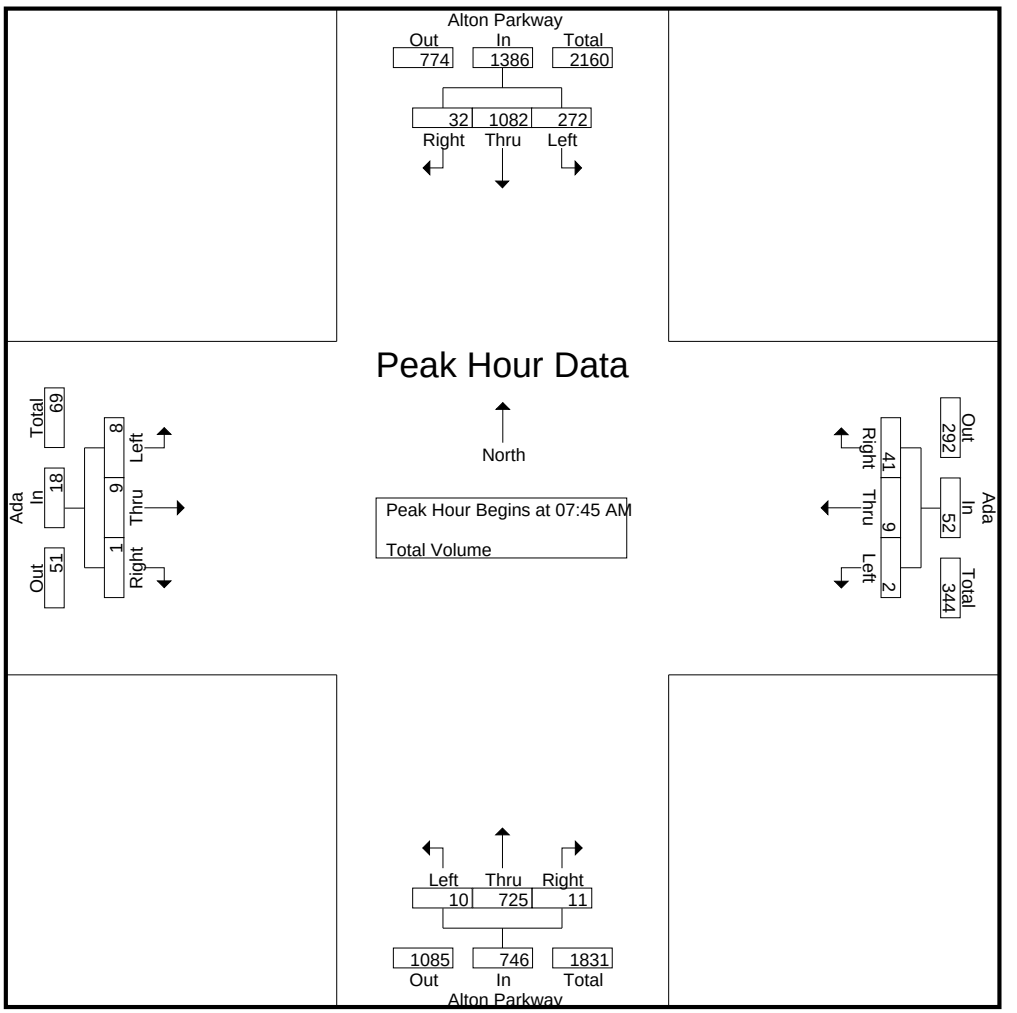

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	64	269	7	340	0	1	10	11	2	179	**3**	184	3	1	0	4
+15 mins.	**90**	270	**9**	**369**	**2**	2	**13**	**17**	2	**185**	2	**189**	**4**	1	**1**	**6**
+30 mins.	46	**282**	8	336	0	**5**	11	16	2	182	3	187	0	2	0	2
+45 mins.	72	261	8	341	1	3	10	14	**4**	179	3	186	1	**5**	0	6
Total Volume	272	1082	32	1386	3	11	44	58	10	725	11	746	8	9	1	18
% App. Total	19.6	78.1	2.3		5.2	19	75.9		1.3	97.2	1.5		44.4	50	5.6	
PHF	.756	.959	.889	.939	.375	.550	.846	.853	.625	.980	.917	.987	.500	.450	.250	.750

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Groups Printed- Total Volume

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	13	176	1	190	0	2	53	55	2	246	0	248	4	0	5	9	502
04:15 PM	19	165	2	186	1	3	77	81	3	194	6	203	5	4	1	10	480
04:30 PM	12	198	2	212	2	1	56	59	0	248	5	253	5	2	7	14	538
04:45 PM	19	189	2	210	3	1	50	54	3	193	1	197	3	2	2	7	468
Total	63	728	7	798	6	7	236	249	8	881	12	901	17	8	15	40	1988
05:00 PM	17	229	2	248	5	0	49	54	3	298	4	305	5	4	2	11	618
05:15 PM	13	249	2	264	2	2	39	43	1	308	3	312	5	0	3	8	627
05:30 PM	7	267	0	274	3	0	36	39	4	245	2	251	5	2	2	9	573
05:45 PM	24	183	1	208	1	0	40	41	1	172	3	176	2	1	3	6	431
Total	61	928	5	994	11	2	164	177	9	1023	12	1044	17	7	10	34	2249
06:00 PM	31	178	3	212	3	0	33	36	1	255	2	258	5	0	0	5	511
06:15 PM	18	197	3	218	2	1	29	32	3	181	3	187	4	1	0	5	442
Grand Total	173	2031	18	2222	22	10	462	494	21	2340	29	2390	43	16	25	84	5190
Apprch %	7.8	91.4	0.8		4.5	2	93.5		0.9	97.9	1.2		51.2	19	29.8		
Total %	3.3	39.1	0.3	42.8	0.4	0.2	8.9	9.5	0.4	45.1	0.6	46.1	0.8	0.3	0.5	1.6	

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**19**	189	**2**	210	3	1	**50**	**54**	3	193	1	197	3	2	2	7	468
05:00 PM	17	229	2	248	**5**	0	49	54	3	298	**4**	305	**5**	**4**	2	**11**	618
05:15 PM	13	249	2	264	2	**2**	39	43	1	**308**	3	**312**	5	0	**3**	8	**627**
05:30 PM	7	**267**	0	**274**	3	0	36	39	**4**	245	2	251	5	2	2	9	573
Total Volume	56	934	6	996	13	3	174	190	11	1044	10	1065	18	8	9	35	2286
% App. Total	5.6	93.8	0.6		6.8	1.6	91.6		1	98	0.9		51.4	22.9	25.7		
PHF	.737	.875	.750	.909	.650	.375	.870	.880	.688	.847	.625	.853	.900	.500	.750	.795	.911

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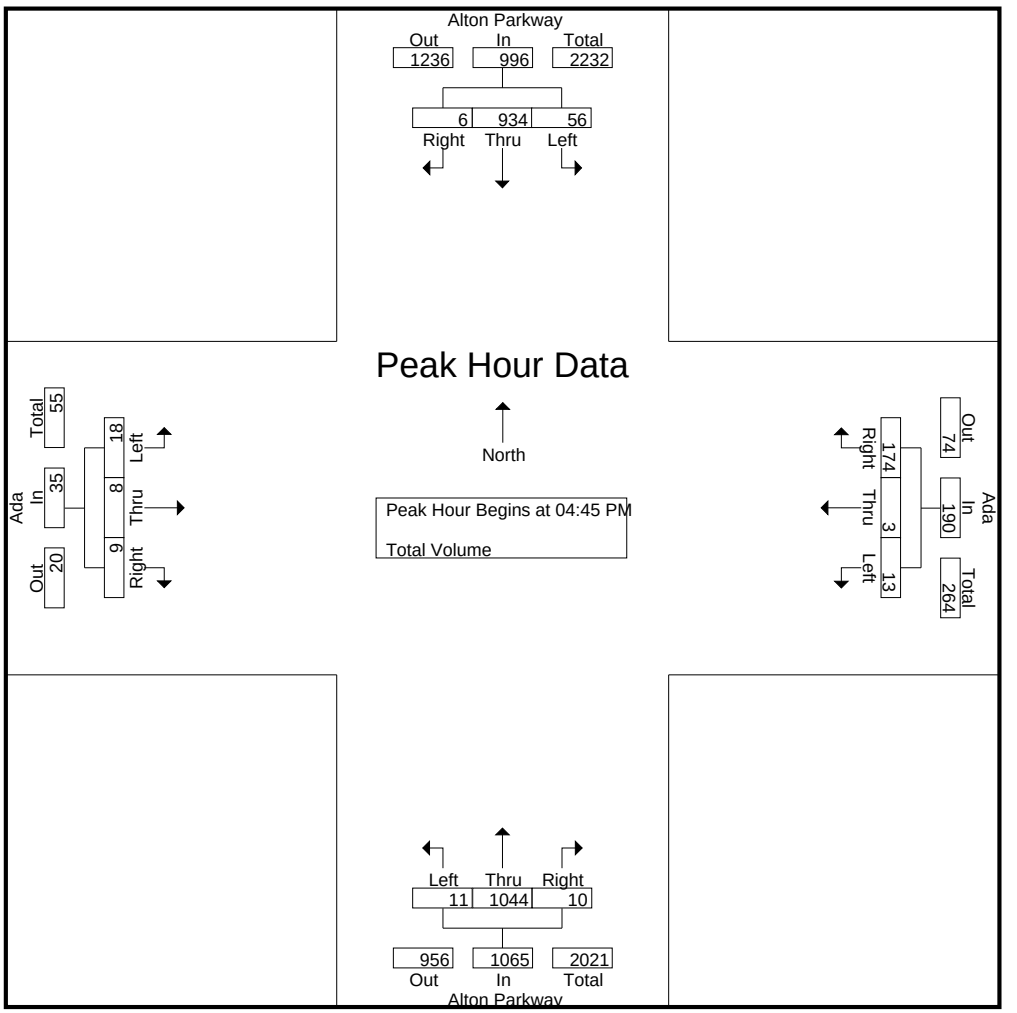

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:30 PM				04:15 PM			
+0 mins.	**19**	189	**2**	210	0	2	53	55	0	248	**5**	253	**5**	**4**	1	10
+15 mins.	17	229	2	248	1	**3**	**77**	**81**	**3**	193	1	197	5	2	**7**	**14**
+30 mins.	13	249	2	264	2	1	56	59	3	298	4	305	3	2	2	7
+45 mins.	7	**267**	0	**274**	**3**	1	50	54	1	**308**	3	**312**	5	4	2	11
Total Volume	56	934	6	996	6	7	236	249	7	1047	13	1067	18	12	12	42
% App. Total	5.6	93.8	0.6		2.4	2.8	94.8		0.7	98.1	1.2		42.9	28.6	28.6	
PHF	.737	.875	.750	.909	.500	.583	.766	.769	.583	.850	.650	.855	.900	.750	.429	.750

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Groups Printed- Total Volume

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	61	197	0	258	0	0	7	7	0	133	0	133	1	0	0	1	399
07:15 AM	49	180	1	230	0	0	10	10	1	181	2	184	1	0	0	1	425
07:30 AM	68	224	3	295	0	0	7	7	4	222	2	228	3	0	1	4	534
07:45 AM	65	244	5	314	1	4	16	21	7	197	4	208	1	1	2	4	547
Total	243	845	9	1097	1	4	40	45	12	733	8	753	6	1	3	10	1905
08:00 AM	61	266	12	339	0	4	12	16	1	226	1	228	4	2	0	6	589
08:15 AM	63	266	7	336	1	2	5	8	2	211	2	215	2	0	0	2	561
08:30 AM	73	247	7	327	0	4	12	16	3	207	2	212	1	2	0	3	558
08:45 AM	77	239	18	334	0	4	17	21	4	165	1	170	2	2	0	4	529
Total	274	1018	44	1336	1	14	46	61	10	809	6	825	9	6	0	15	2237
Grand Total	517	1863	53	2433	2	18	86	106	22	1542	14	1578	15	7	3	25	4142
Apprch %	21.2	76.6	2.2		1.9	17	81.1		1.4	97.7	0.9		60	28	12		
Total %	12.5	45	1.3	58.7	0	0.4	2.1	2.6	0.5	37.2	0.3	38.1	0.4	0.2	0.1	0.6	

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	65	244	5	314	**1**	**4**	**16**	**21**	**7**	197	**4**	208	1	1	**2**	4	547
08:00 AM	61	**266**	**12**	**339**	0	4	12	16	1	**226**	1	**228**	**4**	**2**	0	**6**	**589**
08:15 AM	63	266	7	336	1	2	5	8	2	211	2	215	2	0	0	2	561
08:30 AM	**73**	247	7	327	0	4	12	16	3	207	2	212	1	2	0	3	558
Total Volume	262	1023	31	1316	2	14	45	61	13	841	9	863	8	5	2	15	2255
% App. Total	19.9	77.7	2.4		3.3	23	73.8		1.5	97.5	1		53.3	33.3	13.3		
PHF	.897	.961	.646	.971	.500	.875	.703	.726	.464	.930	.563	.946	.500	.625	.250	.625	.957

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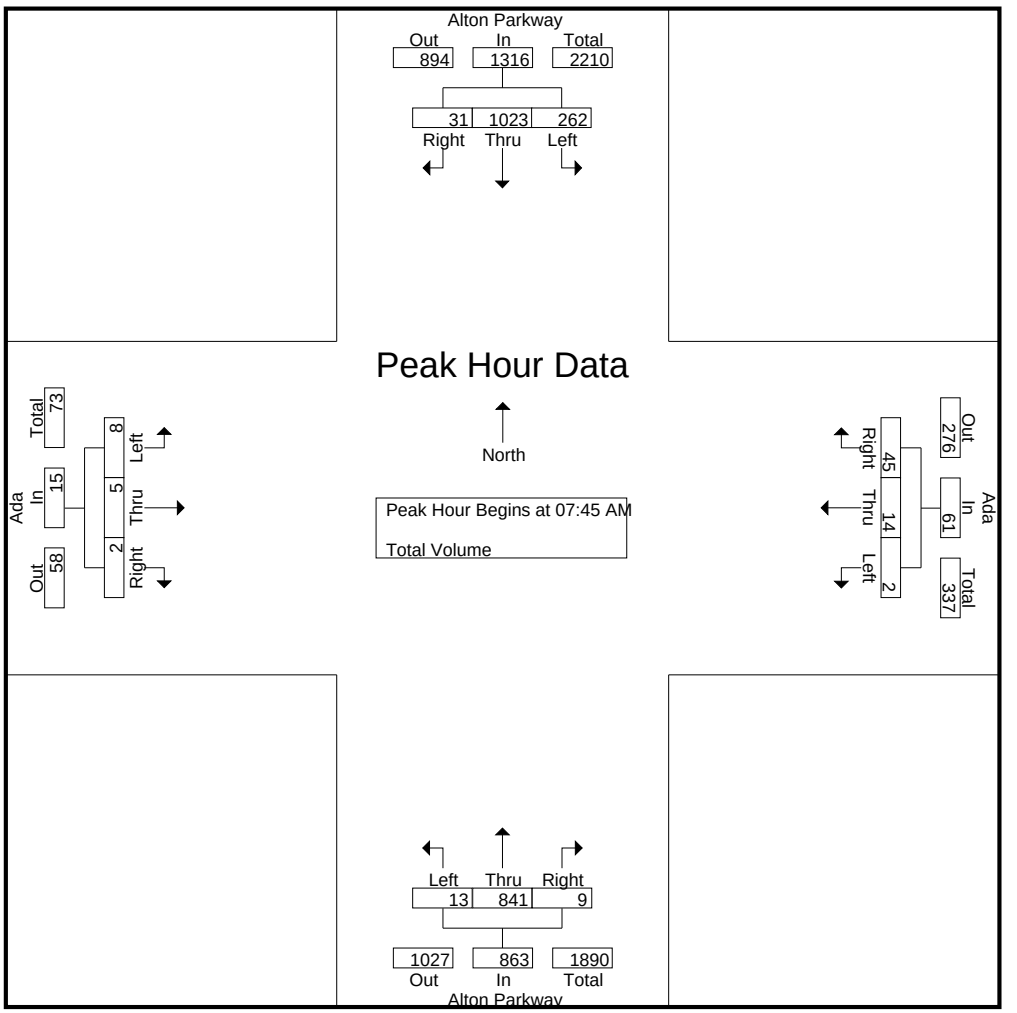

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	61	**266**	12	**339**	**1**	**4**	**16**	**21**	4	222	2	**228**	3	0	1	4
+15 mins.	63	266	7	336	0	4	12	16	**7**	197	**4**	208	1	1	**2**	4
+30 mins.	73	247	7	327	1	2	5	8	1	**226**	1	228	**4**	**2**	0	**6**
+45 mins.	**77**	239	**18**	334	0	4	12	16	2	211	2	215	2	0	0	2
Total Volume	274	1018	44	1336	2	14	45	61	14	856	9	879	10	3	3	16
% App. Total	20.5	76.2	3.3		3.3	23	73.8		1.6	97.4	1		62.5	18.8	18.8	
PHF	.890	.957	.611	.985	.500	.875	.703	.726	.500	.947	.563	.964	.625	.375	.375	.667

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Groups Printed- Total Volume

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	15	172	3	190	4	2	58	64	3	231	1	235	5	3	4	12	501
04:15 PM	16	184	4	204	0	4	70	74	0	179	1	180	6	1	3	10	468
04:30 PM	14	215	1	230	2	0	42	44	2	232	2	236	6	2	2	10	520
04:45 PM	21	202	1	224	2	0	38	40	1	217	2	220	2	2	1	5	489
Total	66	773	9	848	8	6	208	222	6	859	6	871	19	8	10	37	1978
05:00 PM	10	199	2	211	4	5	52	61	3	289	1	293	7	4	3	14	579
05:15 PM	15	234	3	252	1	0	27	28	4	248	6	258	3	1	5	9	547
05:30 PM	12	214	3	229	3	2	37	42	4	249	1	254	11	5	2	18	543
05:45 PM	35	186	3	224	6	3	39	48	3	208	4	215	3	0	1	4	491
Total	72	833	11	916	14	10	155	179	14	994	12	1020	24	10	11	45	2160
06:00 PM	13	205	4	222	1	0	31	32	1	200	1	202	5	1	2	8	464
06:15 PM	14	175	4	193	2	1	25	28	3	166	2	171	6	0	2	8	400
Grand Total	165	1986	28	2179	25	17	419	461	24	2219	21	2264	54	19	25	98	5002
Apprch %	7.6	91.1	1.3		5.4	3.7	90.9		1.1	98	0.9		55.1	19.4	25.5		
Total %	3.3	39.7	0.6	43.6	0.5	0.3	8.4	9.2	0.5	44.4	0.4	45.3	1.1	0.4	0.5	2	

	Alton Parkway Southbound				Ada Westbound				Alton Parkway Northbound				Ada Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	10	199	2	211	4	**5**	**52**	**61**	3	**289**	1	**293**	7	4	3	14	**579**
05:15 PM	15	**234**	**3**	**252**	1	0	27	28	**4**	248	**6**	258	3	1	**5**	9	547
05:30 PM	12	214	3	229	3	2	37	42	4	249	1	254	**11**	**5**	2	**18**	543
05:45 PM	**35**	186	3	224	**6**	3	39	48	3	208	4	215	3	0	1	4	491
Total Volume	72	833	11	916	14	10	155	179	14	994	12	1020	24	10	11	45	2160
% App. Total	7.9	90.9	1.2		7.8	5.6	86.6		1.4	97.5	1.2		53.3	22.2	24.4		
PHF	.514	.890	.917	.909	.583	.500	.745	.734	.875	.860	.500	.870	.545	.500	.550	.625	.933

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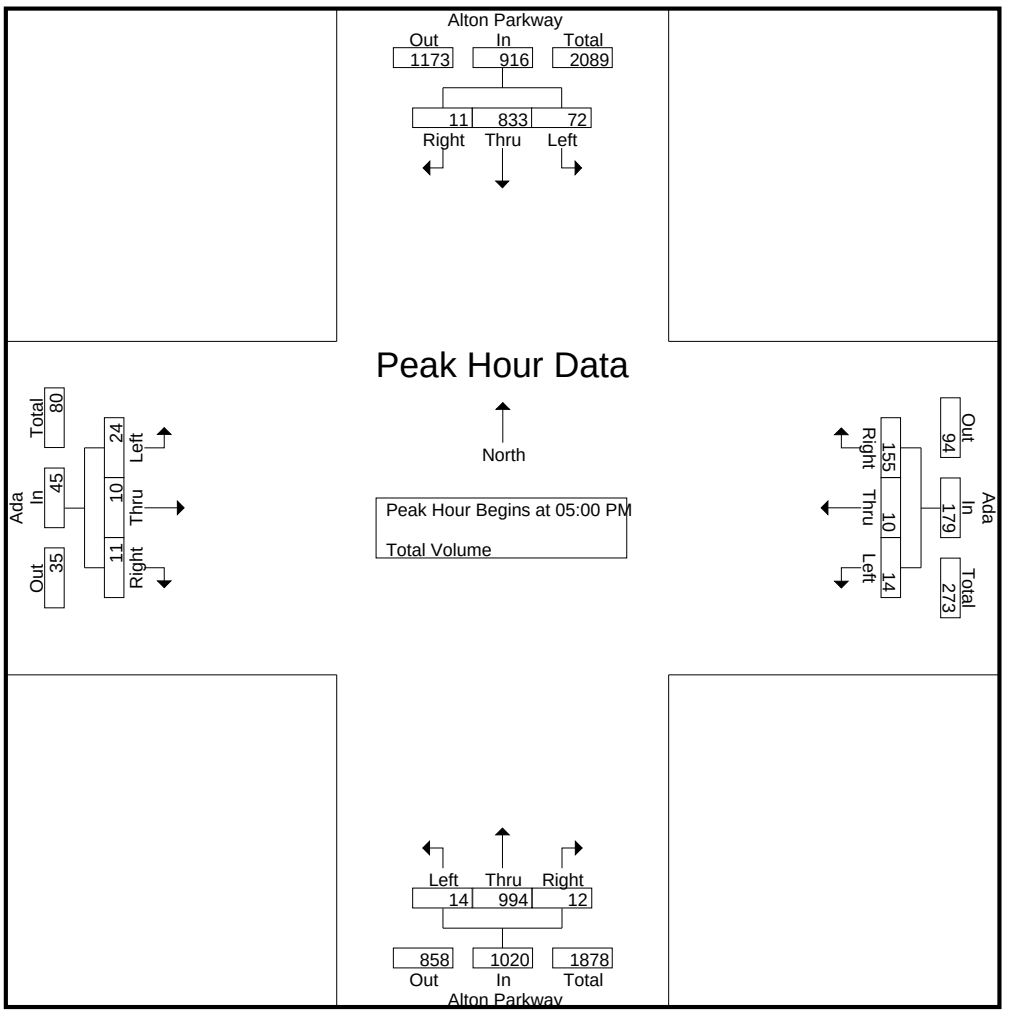

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:15 PM				04:00 PM				04:45 PM				04:45 PM			
+0 mins.	15	**234**	3	**252**	**4**	2	58	64	1	217	2	220	2	2	1	5
+15 mins.	12	214	3	229	0	**4**	**70**	**74**	3	**289**	1	**293**	7	4	3	14
+30 mins.	**35**	186	3	224	2	0	42	44	**4**	248	**6**	258	3	1	**5**	9
+45 mins.	13	205	**4**	222	2	0	38	40	4	249	1	254	**11**	**5**	2	**18**
Total Volume	75	839	13	927	8	6	208	222	12	1003	10	1025	23	12	11	46
% App. Total	8.1	90.5	1.4		3.6	2.7	93.7		1.2	97.9	1		50	26.1	23.9	
PHF	.536	.896	.813	.920	.500	.375	.743	.750	.750	.868	.417	.875	.523	.600	.550	.639

Location: Irvine
N/S: Alton Parkway
E/W: Ada

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Ada	South Leg Alton Parkway	West Leg Ada	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	0	0	0	0
7:30 AM	2	0	1	1	4
7:45 AM	0	0	0	1	1
8:00 AM	2	0	5	0	7
8:15 AM	0	0	8	2	10
8:30 AM	3	1	0	0	4
8:45 AM	2	0	0	0	2
TOTAL VOLUMES:	9	1	15	4	29

	North Leg Alton Parkway	East Leg Ada	South Leg Alton Parkway	West Leg Ada	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	2	2	1	5
4:15 PM	3	2	1	1	7
4:30 PM	1	0	2	1	4
4:45 PM	1	0	2	0	3
5:00 PM	0	1	13	4	18
5:15 PM	2	0	3	1	6
5:30 PM	2	0	1	1	4
5:45 PM	0	0	0	0	0
6:00 PM	1	0	0	0	1
6:15 PM	0	0	2	1	3
TOTAL VOLUMES:	10	5	26	10	51

Location: Irvine
N/S: Alton Parkway
E/W: Ada

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Ada			Northbound Alton Parkway			Eastbound Ada			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:30 AM	1	1	0	0	0	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	1	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	1	3	0	0	0	2	0	3	0	0	0	0	9

	Southbound Alton Parkway			Westbound Ada			Northbound Alton Parkway			Eastbound Ada			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	1	1	0	0	0	2	0	0	0	0	1	0	5
4:45 PM	1	1	0	0	0	0	0	1	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	2	4	0	0	0	2	0	2	0	0	1	0	11

Location: Irvine
N/S: Alton Parkway
E/W: Ada

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Ada	South Leg Alton Parkway	West Leg Ada	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	1	0	0	0	1
7:30 AM	1	0	2	2	5
7:45 AM	0	0	1	0	1
8:00 AM	0	0	4	0	4
8:15 AM	1	0	1	0	2
8:30 AM	0	0	6	6	12
8:45 AM	1	0	9	8	18
TOTAL VOLUMES:	4	0	23	16	43

	North Leg Alton Parkway	East Leg Ada	South Leg Alton Parkway	West Leg Ada	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	3	0	1	0	4
4:15 PM	0	2	0	0	2
4:30 PM	1	1	0	0	2
4:45 PM	0	0	2	1	3
5:00 PM	0	0	6	1	7
5:15 PM	1	1	0	0	2
5:30 PM	1	1	1	1	4
5:45 PM	0	0	1	1	2
6:00 PM	0	0	1	0	1
6:15 PM	0	0	1	1	2
TOTAL VOLUMES:	6	5	13	5	29

Location: Irvine
N/S: Alton Parkway
E/W: Ada

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Alton Parkway			Westbound Ada			Northbound Alton Parkway			Eastbound Ada			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	1	0	0	0	0	1	0	0	0	0	0	0	2
7:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	3	0	0	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	2	1	0	0	0	4	0	1	0	0	0	0	8

	Southbound Alton Parkway			Westbound Ada			Northbound Alton Parkway			Eastbound Ada			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	1	0	1	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	1	0	0	0	0	0	0	2	0	0	0	0	3
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	3	3	1	0	0	1	0	2	0	0	0	0	10

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City of Irvine
N/S: Alton Parkway
E/W: Technology Drive W
Weather: Clear

File Name : 344_IRV_Alton_Tech W Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	61	239	90	390	15	8	36	59	6	88	20	114	5	5	1	11	574
07:15 AM	67	255	98	420	15	2	42	59	2	120	14	136	10	2	2	14	629
07:30 AM	74	279	100	453	24	6	29	59	7	170	14	191	15	7	1	23	726
07:45 AM	77	331	119	527	24	14	27	65	6	182	12	200	19	20	1	40	832
Total	279	1104	407	1790	78	30	134	242	21	560	60	641	49	34	5	88	2761
08:00 AM	77	352	154	583	12	14	53	79	3	159	18	180	31	9	2	42	884
08:15 AM	69	319	173	561	20	17	38	75	6	179	26	211	42	8	7	57	904
08:30 AM	103	309	149	561	20	7	51	78	5	157	26	188	45	10	2	57	884
08:45 AM	93	343	146	582	18	11	44	73	8	151	21	180	39	11	3	53	888
Total	342	1323	622	2287	70	49	186	305	22	646	91	759	157	38	14	209	3560
Grand Total	621	2427	1029	4077	148	79	320	547	43	1206	151	1400	206	72	19	297	6321
Apprch %	15.2	59.5	25.2		27.1	14.4	58.5		3.1	86.1	10.8		69.4	24.2	6.4		
Total %	9.8	38.4	16.3	64.5	2.3	1.2	5.1	8.7	0.7	19.1	2.4	22.1	3.3	1.1	0.3	4.7	

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	77	**352**	154	**583**	12	14	**53**	**79**	3	159	18	180	31	9	2	42	884
08:15 AM	69	319	**173**	561	**20**	**17**	38	75	6	**179**	**26**	**211**	42	8	**7**	**57**	**904**
08:30 AM	**103**	309	149	561	20	7	51	78	5	157	26	188	**45**	10	2	57	884
08:45 AM	93	343	146	582	18	11	44	73	**8**	151	21	180	39	**11**	3	53	888
Total Volume	342	1323	622	2287	70	49	186	305	22	646	91	759	157	38	14	209	3560
% App. Total	15	57.8	27.2		23	16.1	61		2.9	85.1	12		75.1	18.2	6.7		
PHF	.830	.940	.899	.981	.875	.721	.877	.965	.688	.902	.875	.899	.872	.864	.500	.917	.985

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City of Irvine
N/S: Alton Parkway
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Weather: Clear

File Name : 344_IRV_Alton_Tech W Tue AM
Site Code : 19224028
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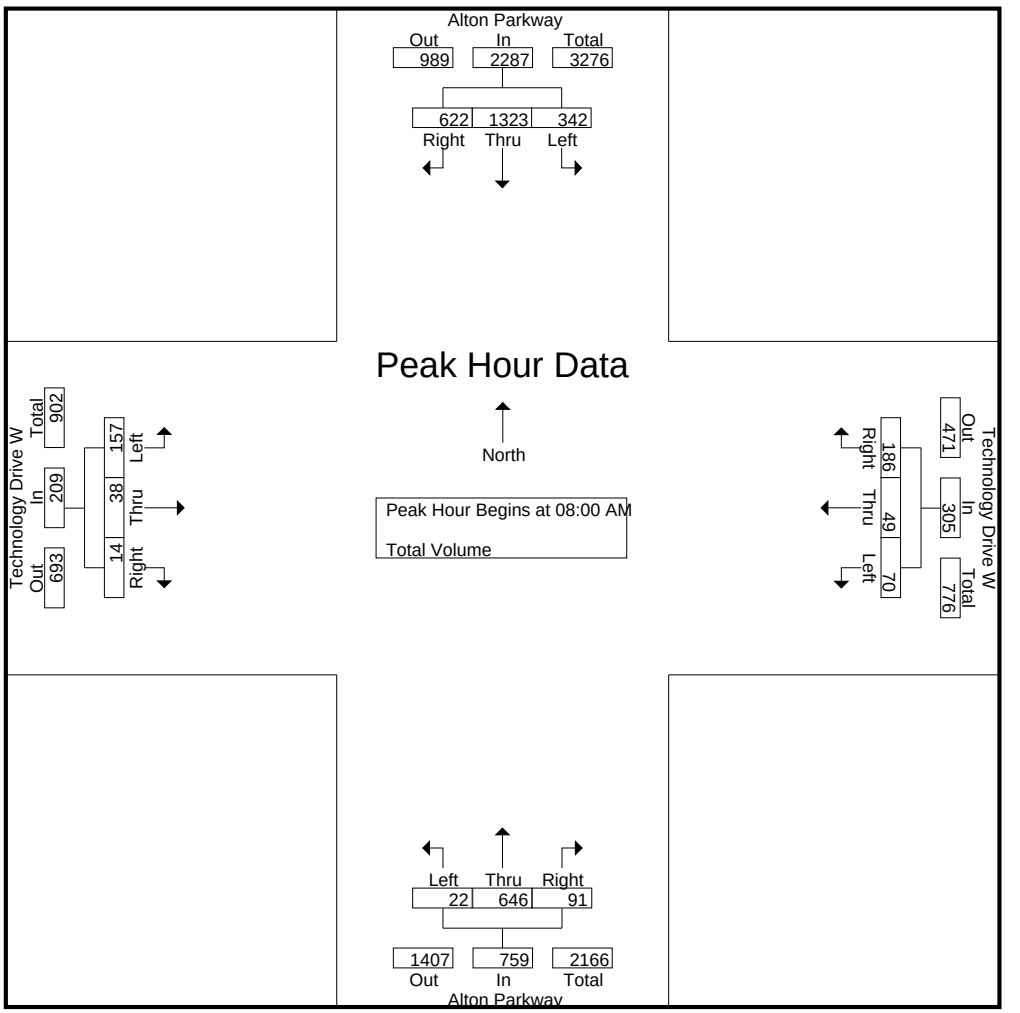

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:30 AM				08:00 AM			
+0 mins.	77	**352**	154	**583**	12	14	**53**	**79**	**7**	170	14	191	31	9	2	42
+15 mins.	69	319	**173**	561	**20**	**17**	38	75	6	**182**	12	200	42	8	**7**	**57**
+30 mins.	**103**	309	149	561	20	7	51	78	3	159	18	180	**45**	10	2	57
+45 mins.	93	343	146	582	18	11	44	73	6	179	**26**	**211**	39	**11**	3	53
Total Volume	342	1323	622	2287	70	49	186	305	22	690	70	782	157	38	14	209
% App. Total	15	57.8	27.2		23	16.1	61		2.8	88.2	9		75.1	18.2	6.7	
PHF	.830	.940	.899	.981	.875	.721	.877	.965	.786	.948	.673	.927	.872	.864	.500	.917

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City of Irvine
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Weather: Clear

File Name : 344_IRV_Alton_Tech W Tue PM
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Groups Printed- Total Volume

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	63	145	31	239	52	5	125	182	0	296	36	332	105	15	2	122	875
04:15 PM	68	160	39	267	51	5	134	190	4	249	25	278	86	4	4	94	829
04:30 PM	44	157	22	223	46	4	153	203	3	238	32	273	151	15	0	166	865
04:45 PM	61	177	28	266	48	3	99	150	2	252	27	281	79	12	6	97	794
Total	236	639	120	995	197	17	511	725	9	1035	120	1164	421	46	12	479	3363
05:00 PM	49	180	21	250	61	9	157	227	3	286	41	330	126	12	2	140	947
05:15 PM	72	208	29	309	48	2	154	204	1	329	36	366	110	18	2	130	1009
05:30 PM	75	225	19	319	59	1	134	194	4	241	31	276	84	15	3	102	891
05:45 PM	60	151	18	229	60	3	143	206	0	192	18	210	83	3	5	91	736
Total	256	764	87	1107	228	15	588	831	8	1048	126	1182	403	48	12	463	3583
06:00 PM	60	172	6	238	47	2	152	201	2	235	29	266	68	10	0	78	783
06:15 PM	66	154	14	234	61	3	131	195	1	209	28	238	71	9	0	80	747
Grand Total	618	1729	227	2574	533	37	1382	1952	20	2527	303	2850	963	113	24	1100	8476
Apprch %	24	67.2	8.8		27.3	1.9	70.8		0.7	88.7	10.6		87.5	10.3	2.2		
Total %	7.3	20.4	2.7	30.4	6.3	0.4	16.3	23	0.2	29.8	3.6	33.6	11.4	1.3	0.3	13	

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	61	177	28	266	48	3	99	150	2	252	27	281	79	12	**6**	97	794
05:00 PM	49	180	21	250	**61**	**9**	**157**	**227**	3	286	**41**	330	**126**	12	2	**140**	947
05:15 PM	72	208	**29**	309	48	2	154	204	1	**329**	36	**366**	110	**18**	2	130	**1009**
05:30 PM	**75**	**225**	19	**319**	59	1	134	194	**4**	241	31	276	84	15	3	102	891
Total Volume	257	790	97	1144	216	15	544	775	10	1108	135	1253	399	57	13	469	3641
% App. Total	22.5	69.1	8.5		27.9	1.9	70.2		0.8	88.4	10.8		85.1	12.2	2.8		
PHF	.857	.878	.836	.897	.885	.417	.866	.854	.625	.842	.823	.856	.792	.792	.542	.838	.902

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City of Irvine
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File Name : 344_IRV_Alton_Tech W Tue PM
Site Code : 19224028
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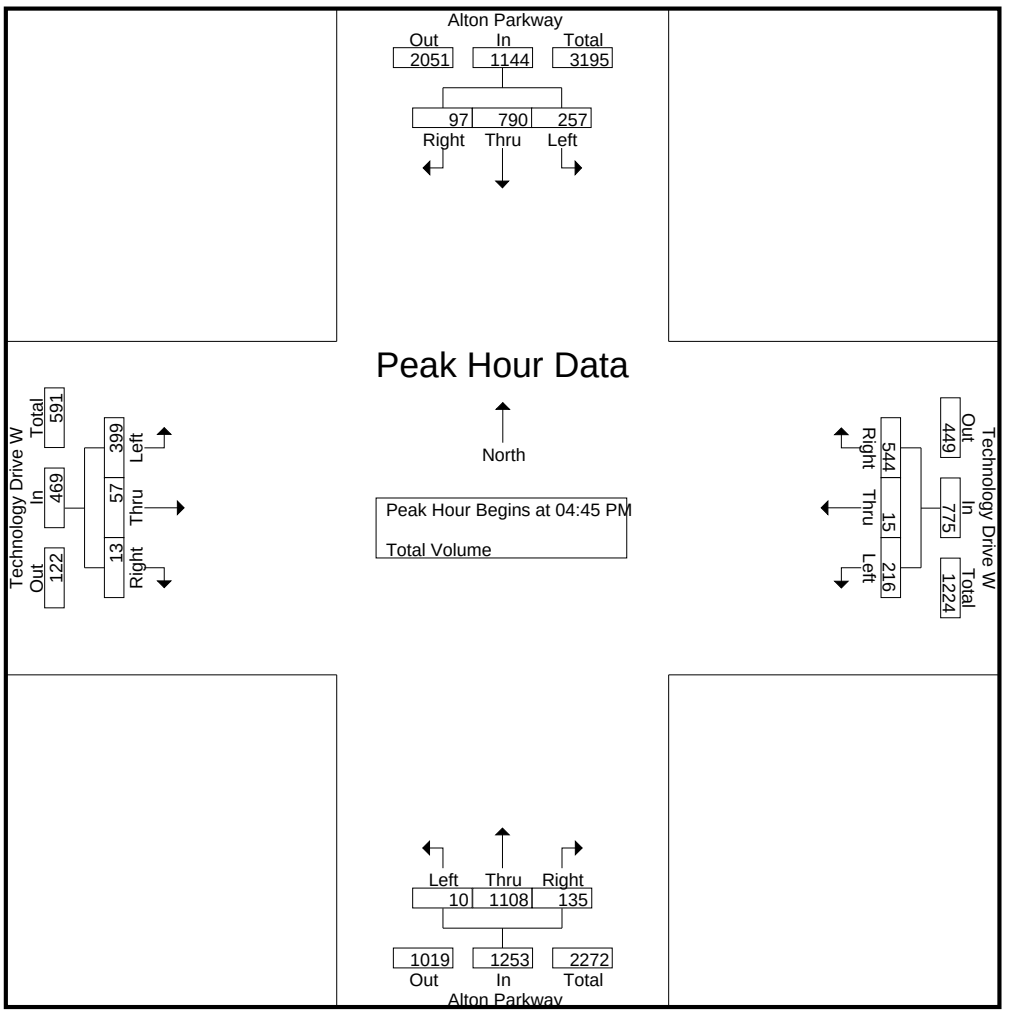

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				04:45 PM				04:30 PM			
+0 mins.	61	177	28	266	**61**	**9**	**157**	**227**	2	252	27	281	**151**	15	0	**166**
+15 mins.	49	180	21	250	48	2	154	204	3	286	**41**	330	79	12	**6**	97
+30 mins.	72	208	**29**	309	59	1	134	194	1	**329**	36	**366**	126	12	2	140
+45 mins.	**75**	**225**	19	**319**	60	3	143	206	**4**	241	31	276	110	**18**	2	130
Total Volume	257	790	97	1144	228	15	588	831	10	1108	135	1253	466	57	10	533
% App. Total	22.5	69.1	8.5		27.4	1.8	70.8		0.8	88.4	10.8		87.4	10.7	1.9	
PHF	.857	.878	.836	.897	.934	.417	.936	.915	.625	.842	.823	.856	.772	.792	.417	.803

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City of Irvine
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File Name : 344_IRV_Alton_Tech W Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	67	239	79	385	13	7	42	62	3	120	13	136	8	2	4	14	597
07:15 AM	58	230	84	372	10	5	50	65	5	156	19	180	14	4	1	19	636
07:30 AM	66	289	74	429	20	9	42	71	5	217	16	238	17	3	0	20	758
07:45 AM	65	308	112	485	11	10	49	70	3	202	19	224	12	19	1	32	811
Total	256	1066	349	1671	54	31	183	268	16	695	67	778	51	28	6	85	2802
08:00 AM	75	315	137	527	19	13	44	76	9	191	27	227	34	15	1	50	880
08:15 AM	68	328	170	566	31	12	43	86	3	200	27	230	37	5	3	45	927
08:30 AM	91	304	154	549	15	12	48	75	5	169	26	200	43	10	2	55	879
08:45 AM	82	301	154	537	20	8	57	85	7	171	24	202	34	8	0	42	866
Total	316	1248	615	2179	85	45	192	322	24	731	104	859	148	38	6	192	3552
Grand Total	572	2314	964	3850	139	76	375	590	40	1426	171	1637	199	66	12	277	6354
Apprch %	14.9	60.1	25		23.6	12.9	63.6		2.4	87.1	10.4		71.8	23.8	4.3		
Total %	9	36.4	15.2	60.6	2.2	1.2	5.9	9.3	0.6	22.4	2.7	25.8	3.1	1	0.2	4.4	

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	75	315	137	527	19	**13**	44	76	**9**	191	**27**	227	34	**15**	1	50	880
08:15 AM	68	**328**	**170**	**566**	**31**	12	43	**86**	3	**200**	27	**230**	37	5	**3**	45	**927**
08:30 AM	**91**	304	154	549	15	12	48	75	5	169	26	200	**43**	10	2	**55**	879
08:45 AM	82	301	154	537	20	8	**57**	85	7	171	24	202	34	8	0	42	866
Total Volume	316	1248	615	2179	85	45	192	322	24	731	104	859	148	38	6	192	3552
% App. Total	14.5	57.3	28.2		26.4	14	59.6		2.8	85.1	12.1		77.1	19.8	3.1		
PHF	.868	.951	.904	.962	.685	.865	.842	.936	.667	.914	.963	.934	.860	.633	.500	.873	.958

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City of Irvine
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File Name : 344_IRV_Alton_Tech W Thu AM
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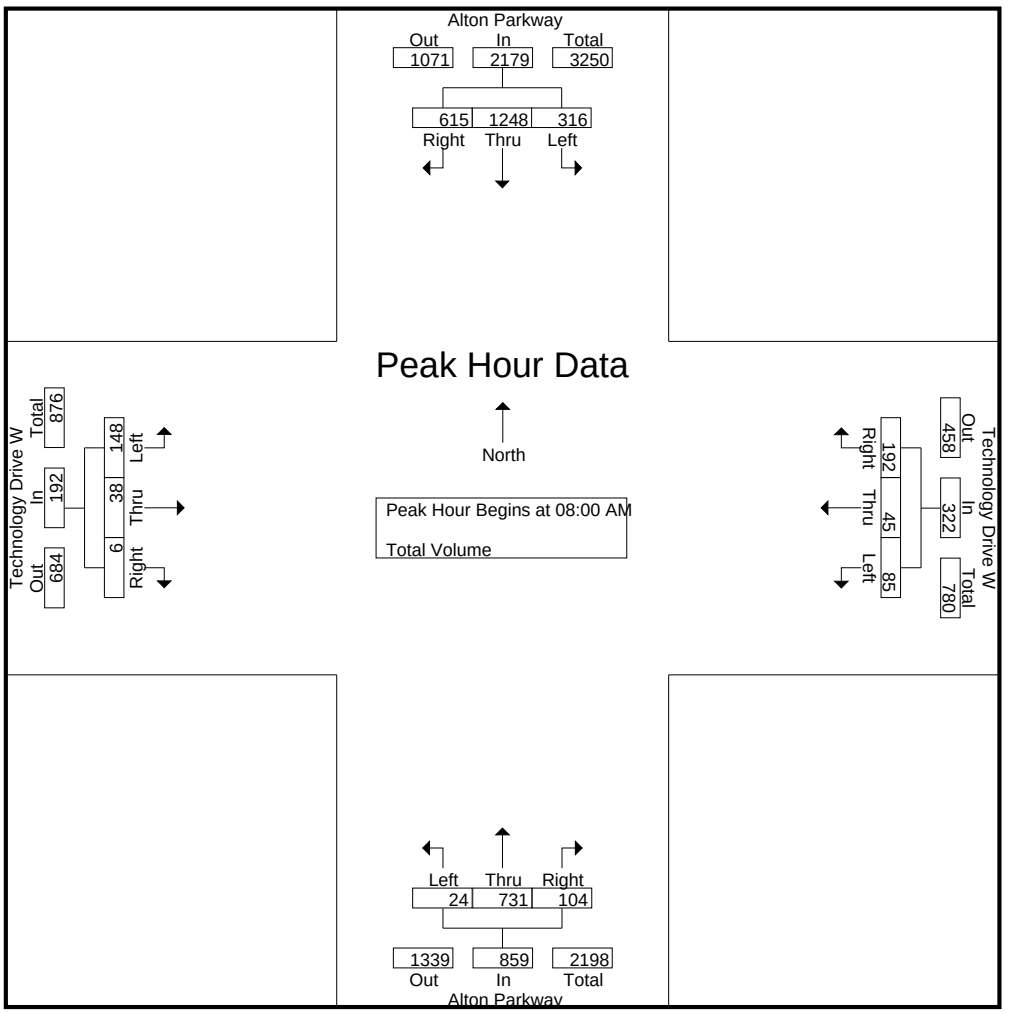

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:30 AM				08:00 AM			
+0 mins.	75	315	137	527	19	**13**	44	76	5	**217**	16	**238**	34	**15**	1	50
+15 mins.	68	**328**	**170**	**566**	**31**	12	43	**86**	3	202	19	224	37	5	**3**	45
+30 mins.	**91**	304	154	549	15	12	48	75	**9**	191	**27**	227	**43**	10	2	**55**
+45 mins.	82	301	154	537	20	8	**57**	85	3	200	27	230	34	8	0	42
Total Volume	316	1248	615	2179	85	45	192	322	20	810	89	919	148	38	6	192
% App. Total	14.5	57.3	28.2		26.4	14	59.6		2.2	88.1	9.7		77.1	19.8	3.1	
PHF	.868	.951	.904	.962	.685	.865	.842	.936	.556	.933	.824	.965	.860	.633	.500	.873

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City of Irvine
N/S: Alton Parkway
E/W: Technology Drive W
Weather: Clear

File Name : 344_IRV_Alton_Tech W Thu PM
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Start Date : 1/25/2024
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Groups Printed- Total Volume

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	84	142	21	247	51	6	145	202	3	246	24	273	91	8	1	100	822
04:15 PM	64	154	35	253	50	4	149	203	5	255	22	282	99	10	0	109	847
04:30 PM	78	197	30	305	58	4	124	186	2	226	30	258	98	10	0	108	857
04:45 PM	72	168	26	266	57	9	125	191	5	210	34	249	99	6	6	111	817
Total	298	661	112	1071	216	23	543	782	15	937	110	1062	387	34	7	428	3343
05:00 PM	66	169	15	250	48	0	145	193	1	302	31	334	109	20	3	132	909
05:15 PM	78	181	18	277	61	4	148	213	2	264	23	289	85	15	3	103	882
05:30 PM	63	193	20	276	50	3	146	199	1	224	30	255	94	14	3	111	841
05:45 PM	71	182	13	266	44	6	120	170	4	223	31	258	62	6	0	68	762
Total	278	725	66	1069	203	13	559	775	8	1013	115	1136	350	55	9	414	3394
06:00 PM	54	148	10	212	70	1	137	208	2	209	25	236	69	10	1	80	736
06:15 PM	69	158	12	239	45	3	110	158	2	168	27	197	51	10	0	61	655
Grand Total	699	1692	200	2591	534	40	1349	1923	27	2327	277	2631	857	109	17	983	8128
Apprch %	27	65.3	7.7		27.8	2.1	70.2		1	88.4	10.5		87.2	11.1	1.7		
Total %	8.6	20.8	2.5	31.9	6.6	0.5	16.6	23.7	0.3	28.6	3.4	32.4	10.5	1.3	0.2	12.1	

	Alton Parkway Southbound				Technology Drive W Westbound				Alton Parkway Northbound				Technology Drive W Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**78**	**197**	**30**	**305**	58	4	124	186	2	226	30	258	98	10	0	108	857
04:45 PM	72	168	26	266	57	**9**	125	191	**5**	210	**34**	249	99	6	**6**	111	817
05:00 PM	66	169	15	250	48	0	145	193	1	**302**	31	**334**	**109**	**20**	3	**132**	**909**
05:15 PM	78	181	18	277	**61**	4	**148**	**213**	2	264	23	289	85	15	3	103	882
Total Volume	294	715	89	1098	224	17	542	783	10	1002	118	1130	391	51	12	454	3465
% App. Total	26.8	65.1	8.1		28.6	2.2	69.2		0.9	88.7	10.4		86.1	11.2	2.6		
PHF	.942	.907	.742	.900	.918	.472	.916	.919	.500	.829	.868	.846	.897	.638	.500	.860	.953

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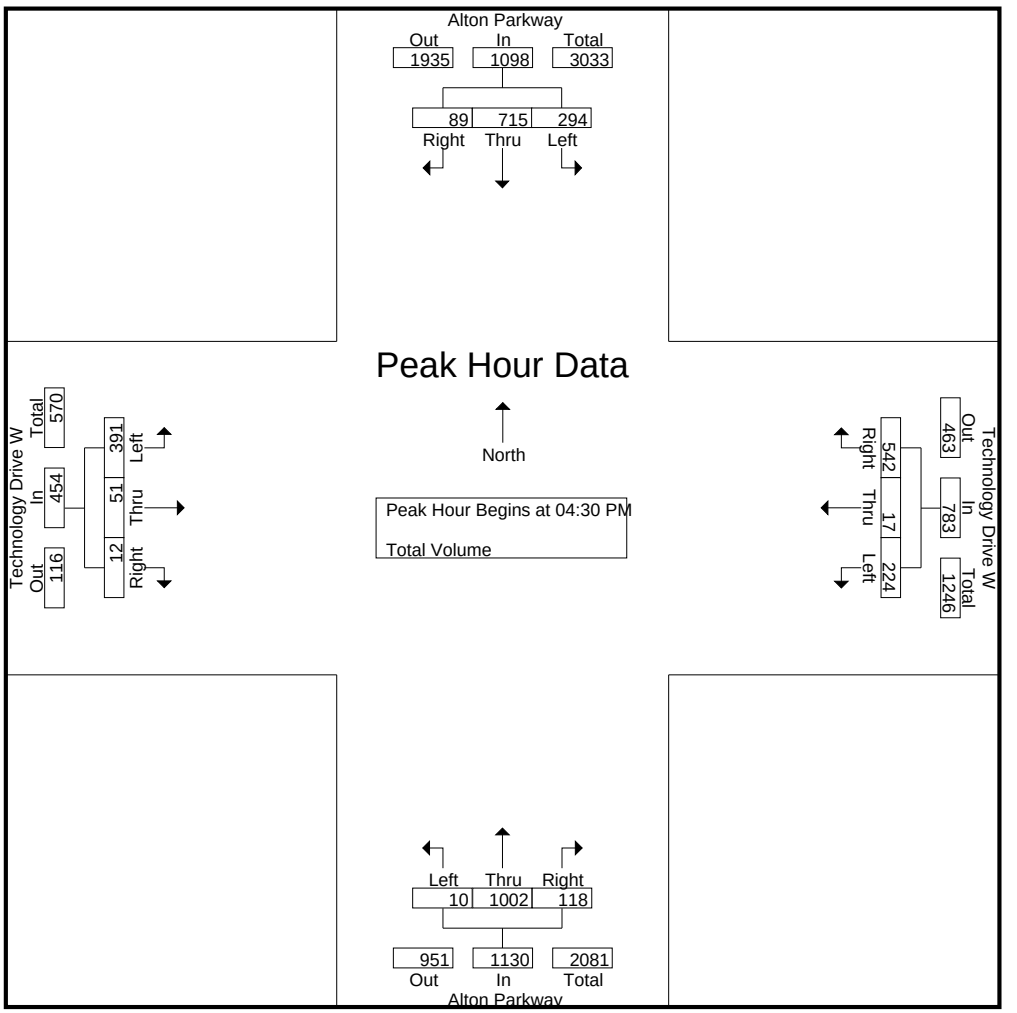
City of Irvine
N/S: Alton Parkway
E/W: Technology Drive W
Weather: Clear

File Name : 344_IRV_Alton_Tech W Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:00 PM				04:15 PM			
+0 mins.	**78**	**197**	**30**	**305**	57	**9**	125	191	1	**302**	**31**	**334**	99	10	0	109
+15 mins.	72	168	26	266	48	0	145	193	2	264	23	289	98	10	0	108
+30 mins.	66	169	15	250	**61**	4	**148**	**213**	1	224	30	255	99	6	**6**	111
+45 mins.	78	181	18	277	50	3	146	199	**4**	223	31	258	**109**	**20**	3	**132**
Total Volume	294	715	89	1098	216	16	564	796	8	1013	115	1136	405	46	9	460
% App. Total	26.8	65.1	8.1		27.1	2	70.9		0.7	89.2	10.1		88	10	2	
PHF	.942	.907	.742	.900	.885	.444	.953	.934	.500	.839	.927	.850	.929	.575	.375	.871

Location: Irvine
N/S: Alton Parkway
E/W: Technology Drive W

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Technology Drive W	South Leg Alton Parkway	West Leg Technology Drive W	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	1	0	2
7:15 AM	0	1	1	0	2
7:30 AM	1	0	0	1	2
7:45 AM	1	0	0	2	3
8:00 AM	1	1	0	1	3
8:15 AM	2	2	0	2	6
8:30 AM	0	0	0	2	2
8:45 AM	2	1	1	0	4
TOTAL VOLUMES:	7	6	3	8	24

	North Leg Alton Parkway	East Leg Technology Drive W	South Leg Alton Parkway	West Leg Technology Drive W	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	1	0	2
4:15 PM	0	0	1	0	1
4:30 PM	1	0	0	2	3
4:45 PM	1	0	0	0	1
5:00 PM	1	5	2	1	9
5:15 PM	1	0	0	2	3
5:30 PM	2	0	0	2	4
5:45 PM	1	1	0	0	2
6:00 PM	2	2	2	0	6
6:15 PM	0	1	0	1	2
TOTAL VOLUMES:	9	10	6	8	33

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Location: Irvine
N/S: Alton Parkway
E/W: Technology Drive W

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Technology Drive W			Northbound Alton Parkway			Eastbound Technology Drive W			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:30 AM	0	1	1	0	0	0	0	1	0	0	0	0	3
7:45 AM	1	1	0	0	1	0	0	1	0	0	0	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	1	0	0	0	0	1	0	0	0	0	2
8:30 AM	0	1	0	0	1	0	0	1	0	0	0	0	3
8:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	1	4	2	0	2	0	0	6	1	0	0	0	16

	Southbound Alton Parkway			Westbound Technology Drive W			Northbound Alton Parkway			Eastbound Technology Drive W			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
4:30 PM	0	3	0	0	0	0	0	1	0	0	0	0	4
4:45 PM	0	2	0	0	0	0	0	1	0	0	0	0	3
5:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	11	0	0	0	0	0	3	0	0	2	0	16

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PO Box 1178
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Location: Irvine
N/S: Alton Parkway
E/W: Technology Drive W

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Technology Drive W	South Leg Alton Parkway	West Leg Technology Drive W	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	1	1	3
7:30 AM	0	1	0	2	3
7:45 AM	2	1	0	0	3
8:00 AM	0	1	0	0	1
8:15 AM	0	0	0	2	2
8:30 AM	0	0	0	1	1
8:45 AM	1	4	3	0	8
TOTAL VOLUMES:	3	8	4	6	21

	North Leg Alton Parkway	East Leg Technology Drive W	South Leg Alton Parkway	West Leg Technology Drive W	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	1	1	0	4	6
4:30 PM	0	1	0	0	1
4:45 PM	0	1	0	1	2
5:00 PM	0	0	2	1	3
5:15 PM	1	4	1	0	6
5:30 PM	0	0	1	1	2
5:45 PM	0	1	1	0	2
6:00 PM	0	0	1	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	2	8	6	7	23

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Location: Irvine
N/S: Alton Parkway
E/W: Technology Drive W

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Alton Parkway			Westbound Technology Drive W			Northbound Alton Parkway			Eastbound Technology Drive W			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	1	0	0	0	1	1	0	3	0	0	0	0	6
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	3	0	0	2	1	0	5	0	0	0	0	12

	Southbound Alton Parkway			Westbound Technology Drive W			Northbound Alton Parkway			Eastbound Technology Drive W			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	6	1	0	0	0	0	0	0	0	2	0	9

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	56	75	131	33	0	67	100	0	330	23	353	584
07:15 AM	0	0	0	0	0	80	91	171	42	0	60	102	0	354	26	380	653
07:30 AM	0	0	0	0	0	108	102	210	68	0	76	144	0	373	39	412	766
07:45 AM	0	0	0	0	0	118	93	211	121	0	100	221	0	434	39	473	905
Total	0	0	0	0	0	362	361	723	264	0	303	567	0	1491	127	1618	2908
08:00 AM	0	0	0	0	0	149	105	254	99	0	111	210	0	493	48	541	1005
08:15 AM	0	0	0	0	0	163	88	251	141	0	141	282	0	426	31	457	990
08:30 AM	0	0	0	0	0	154	102	256	113	0	100	213	0	441	24	465	934
08:45 AM	0	0	0	0	0	148	81	229	131	0	122	253	0	445	45	490	972
Total	0	0	0	0	0	614	376	990	484	0	474	958	0	1805	148	1953	3901
Grand Total	0	0	0	0	0	976	737	1713	748	0	777	1525	0	3296	275	3571	6809
Apprch %	0	0	0		0	57	43		49	0	51		0	92.3	7.7		
Total %	0	0	0	0	0	14.3	10.8	25.2	11	0	11.4	22.4	0	48.4	4	52.4	

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	149	**105**	254	99	0	111	210	0	**493**	**48**	**541**	**1005**
08:15 AM	0	0	0	0	0	**163**	88	251	**141**	0	**141**	**282**	0	426	31	457	990
08:30 AM	0	0	0	0	0	154	102	**256**	113	0	100	213	0	441	24	465	934
08:45 AM	0	0	0	0	0	148	81	229	131	0	122	253	0	445	45	490	972
Total Volume	0	0	0	0	0	614	376	990	484	0	474	958	0	1805	148	1953	3901
% App. Total	0	0	0		0	62	38		50.5	0	49.5		0	92.4	7.6		
PHF	.000	.000	.000	.000	.000	.942	.895	.967	.858	.000	.840	.849	.000	.915	.771	.902	.970

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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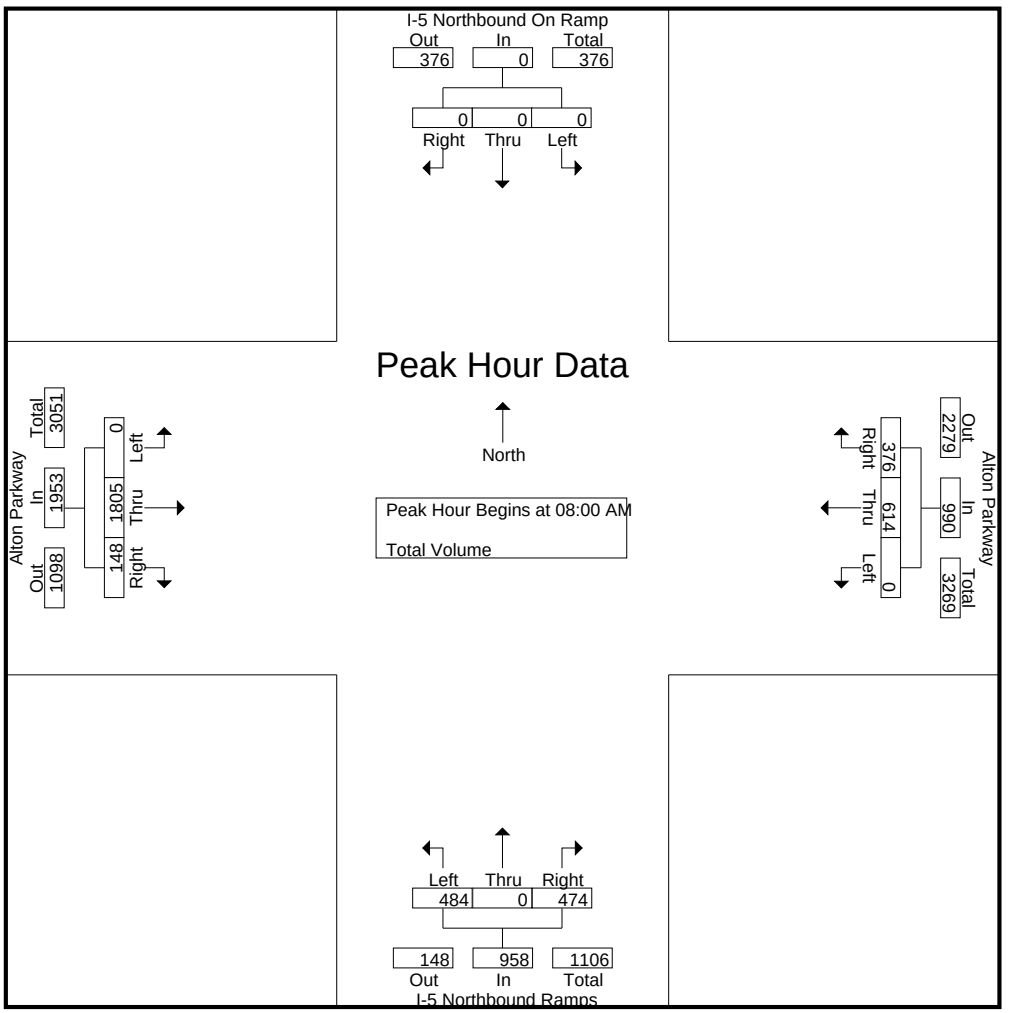

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	0	0	0	149	**105**	254	99	0	111	210	0	**493**	**48**	**541**
+15 mins.	0	0	0	0	0	**163**	88	251	**141**	0	**141**	**282**	0	426	31	457
+30 mins.	0	0	0	0	0	154	102	**256**	113	0	100	213	0	441	24	465
+45 mins.	0	0	0	0	0	148	81	229	131	0	122	253	0	445	45	490
Total Volume	0	0	0	0	0	614	376	990	484	0	474	958	0	1805	148	1953
% App. Total	0	0	0		0	62	38		50.5	0	49.5		0	92.4	7.6	
PHF	.000	.000	.000	.000	.000	.942	.895	.967	.858	.000	.840	.849	.000	.915	.771	.902

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	237	292	529	32	0	30	62	0	210	123	333	924
04:15 PM	0	0	0	0	0	212	256	468	57	0	47	104	0	225	133	358	930
04:30 PM	0	0	0	0	0	268	276	544	27	0	22	49	0	206	135	341	934
04:45 PM	0	0	0	0	0	209	213	422	35	0	31	66	0	223	140	363	851
Total	0	0	0	0	0	926	1037	1963	151	0	130	281	0	864	531	1395	3639
05:00 PM	0	0	0	0	0	302	271	573	26	0	30	56	0	243	168	411	1040
05:15 PM	0	0	0	0	0	302	271	573	23	0	35	58	0	275	181	456	1087
05:30 PM	0	0	0	0	0	242	233	475	35	0	37	72	0	268	141	409	956
05:45 PM	0	0	0	0	0	226	191	417	46	0	26	72	0	219	148	367	856
Total	0	0	0	0	0	1072	966	2038	130	0	128	258	0	1005	638	1643	3939
06:00 PM	0	0	0	0	0	224	208	432	32	0	37	69	0	183	157	340	841
06:15 PM	0	0	0	0	0	188	199	387	31	0	35	66	0	213	165	378	831
Grand Total	0	0	0	0	0	2410	2410	4820	344	0	330	674	0	2265	1491	3756	9250
Apprch %	0	0	0		0	50	50		51	0	49		0	60.3	39.7		
Total %	0	0	0	0	0	26.1	26.1	52.1	3.7	0	3.6	7.3	0	24.5	16.1	40.6	

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	**302**	**271**	**573**	26	0	30	56	0	243	168	411	1040
05:15 PM	0	0	0	0	0	302	271	573	23	0	35	58	0	**275**	**181**	**456**	**1087**
05:30 PM	0	0	0	0	0	242	233	475	35	0	**37**	**72**	0	268	141	409	956
05:45 PM	0	0	0	0	0	226	191	417	**46**	0	26	72	0	219	148	367	856
Total Volume	0	0	0	0	0	1072	966	2038	130	0	128	258	0	1005	638	1643	3939
% App. Total	0	0	0		0	52.6	47.4		50.4	0	49.6		0	61.2	38.8		
PHF	.000	.000	.000	.000	.000	.887	.891	.889	.707	.000	.865	.896	.000	.914	.881	.901	.906

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Tue PM
Site Code : 19224028
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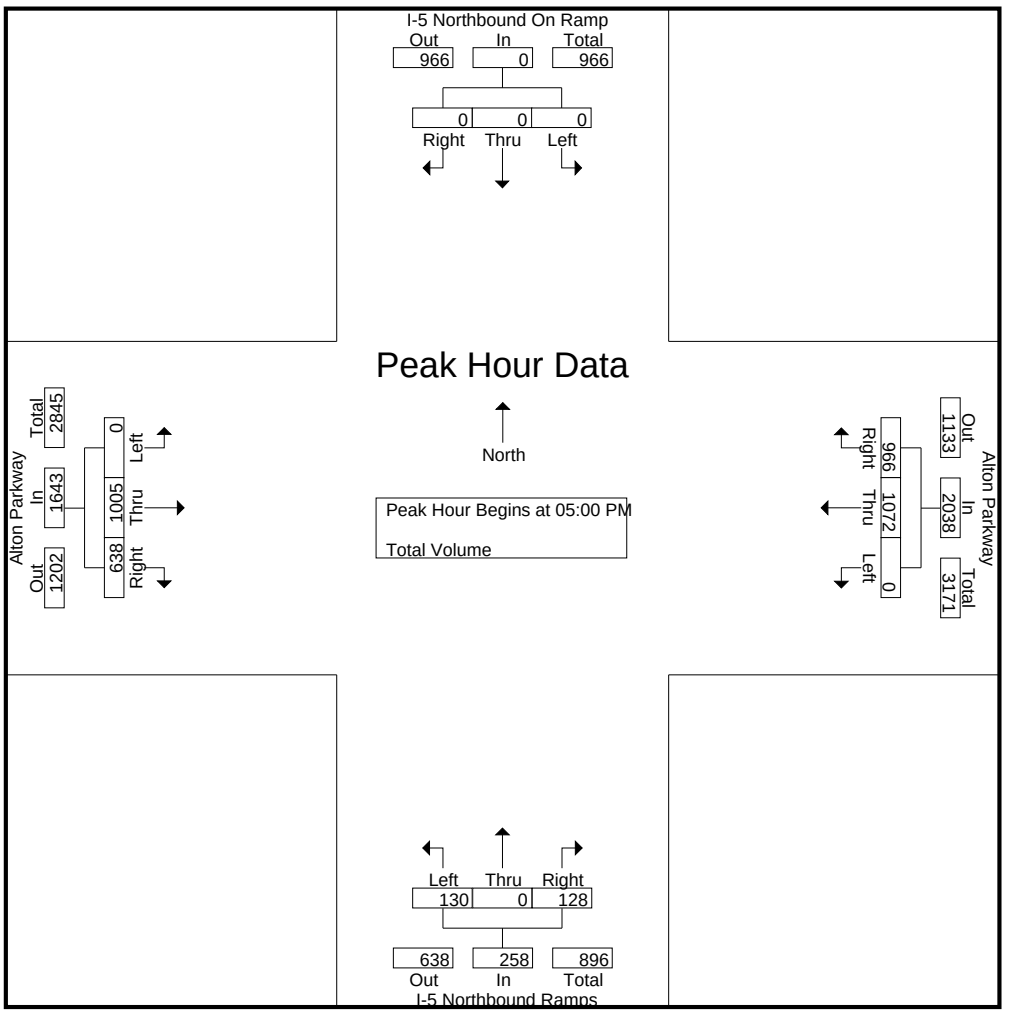

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	268	**276**	544	32	0	30	62	0	243	168	411
+15 mins.	0	0	0	0	0	209	213	422	**57**	0	**47**	**104**	0	**275**	**181**	**456**
+30 mins.	0	0	0	0	0	**302**	271	**573**	27	0	22	49	0	268	141	409
+45 mins.	0	0	0	0	0	302	271	573	35	0	31	66	0	219	148	367
Total Volume	0	0	0	0	0	1081	1031	2112	151	0	130	281	0	1005	638	1643
% App. Total	0	0	0		0	51.2	48.8		53.7	0	46.3		0	61.2	38.8	
PHF	.000	.000	.000	.000	.000	.895	.934	.921	.662	.000	.691	.675	.000	.914	.881	.901

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	79	107	186	29	0	49	78	0	337	25	362	626
07:15 AM	0	0	0	0	0	107	113	220	31	0	57	88	0	318	38	356	664
07:30 AM	0	0	0	0	0	120	147	267	53	0	72	125	0	354	43	397	789
07:45 AM	0	0	0	0	0	133	128	261	78	0	102	180	0	381	35	416	857
Total	0	0	0	0	0	439	495	934	191	0	280	471	0	1390	141	1531	2936
08:00 AM	0	0	0	0	0	160	105	265	100	0	100	200	0	445	48	493	958
08:15 AM	0	0	0	0	0	161	98	259	103	0	125	228	0	428	41	469	956
08:30 AM	0	0	0	0	0	181	92	273	106	0	91	197	0	467	29	496	966
08:45 AM	0	0	0	0	0	171	83	254	119	0	136	255	0	399	36	435	944
Total	0	0	0	0	0	673	378	1051	428	0	452	880	0	1739	154	1893	3824
Grand Total	0	0	0	0	0	1112	873	1985	619	0	732	1351	0	3129	295	3424	6760
Apprch %	0	0	0		0	56	44		45.8	0	54.2		0	91.4	8.6		
Total %	0	0	0	0	0	16.4	12.9	29.4	9.2	0	10.8	20	0	46.3	4.4	50.7	

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	160	**105**	265	100	0	100	200	0	445	**48**	493	958
08:15 AM	0	0	0	0	0	161	98	259	103	0	125	228	0	428	41	469	956
08:30 AM	0	0	0	0	0	**181**	92	**273**	106	0	91	197	0	**467**	29	**496**	**966**
08:45 AM	0	0	0	0	0	171	83	254	**119**	0	**136**	**255**	0	399	36	435	944
Total Volume	0	0	0	0	0	673	378	1051	428	0	452	880	0	1739	154	1893	3824
% App. Total	0	0	0		0	64	36		48.6	0	51.4		0	91.9	8.1		
PHF	.000	.000	.000	.000	.000	.930	.900	.962	.899	.000	.831	.863	.000	.931	.802	.954	.990

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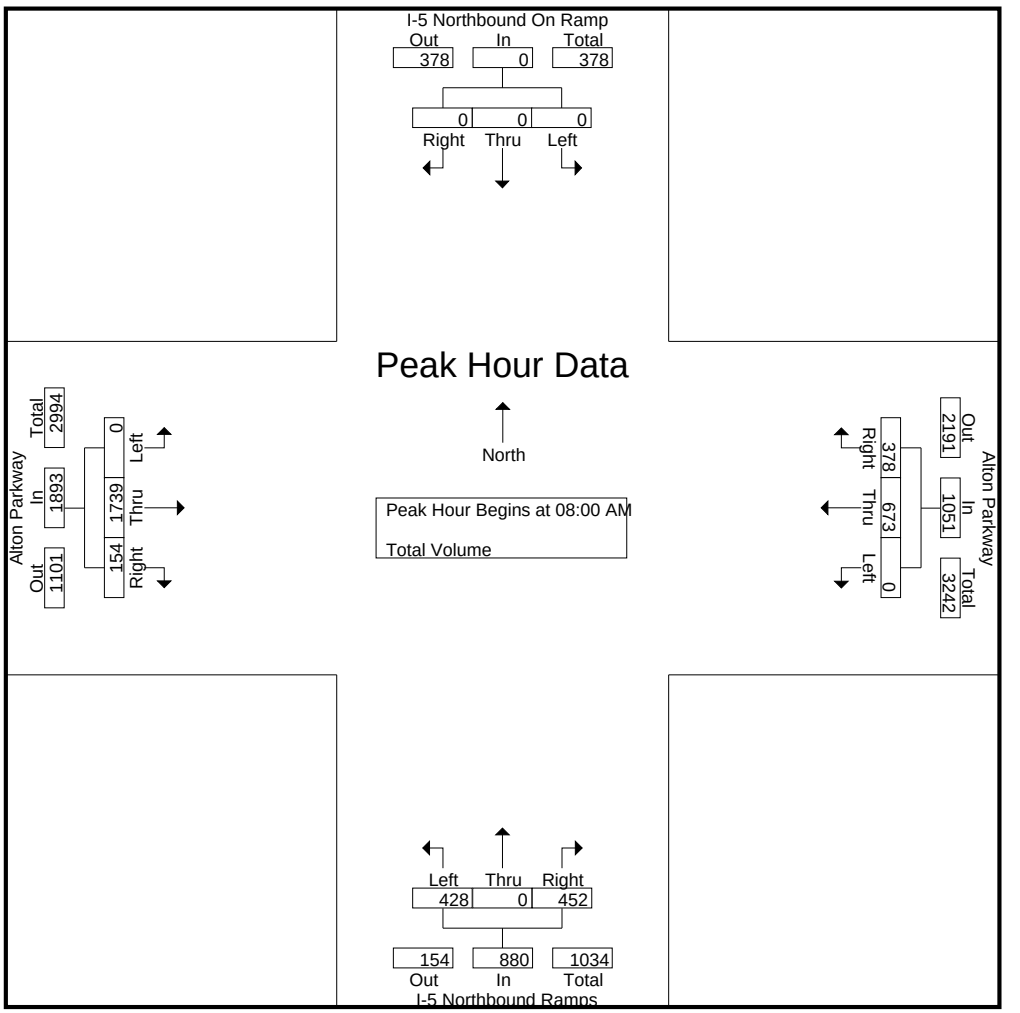
City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	0	0	0	133	**128**	261	100	0	100	200	0	445	**48**	493
+15 mins.	0	0	0	0	0	160	105	265	103	0	125	228	0	428	41	469
+30 mins.	0	0	0	0	0	161	98	259	106	0	91	197	0	**467**	29	**496**
+45 mins.	0	0	0	0	0	**181**	92	**273**	**119**	0	**136**	**255**	0	399	36	435
Total Volume	0	0	0	0	0	635	423	1058	428	0	452	880	0	1739	154	1893
% App. Total	0	0	0		0	60	40		48.6	0	51.4		0	91.9	8.1	
PHF	.000	.000	.000	.000	.000	.877	.826	.969	.899	.000	.831	.863	.000	.931	.802	.954

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	220	252	472	42	0	42	84	0	205	116	321	877
04:15 PM	0	0	0	0	0	249	246	495	44	0	38	82	0	211	127	338	915
04:30 PM	0	0	0	0	0	220	234	454	30	0	39	69	0	249	148	397	920
04:45 PM	0	0	0	0	0	229	197	426	33	0	38	71	0	225	139	364	861
Total	0	0	0	0	0	918	929	1847	149	0	157	306	0	890	530	1420	3573
05:00 PM	0	0	0	0	0	278	283	561	32	0	44	76	0	221	166	387	1024
05:15 PM	0	0	0	0	0	263	236	499	39	0	39	78	0	235	155	390	967
05:30 PM	0	0	0	0	0	228	221	449	36	0	42	78	0	226	164	390	917
05:45 PM	0	0	0	0	0	204	195	399	33	0	41	74	0	235	131	366	839
Total	0	0	0	0	0	973	935	1908	140	0	166	306	0	917	616	1533	3747
06:00 PM	0	0	0	0	0	200	184	384	31	0	20	51	0	210	145	355	790
06:15 PM	0	0	0	0	0	162	112	274	36	0	27	63	0	199	171	370	707
Grand Total	0	0	0	0	0	2253	2160	4413	356	0	370	726	0	2216	1462	3678	8817
Apprch %	0	0	0		0	51.1	48.9		49	0	51		0	60.3	39.7		
Total %	0	0	0	0	0	25.6	24.5	50.1	4	0	4.2	8.2	0	25.1	16.6	41.7	

	I-5 Northbound On Ramp Southbound				Alton Parkway Westbound				I-5 Northbound Ramps Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	220	234	454	30	0	39	69	0	**249**	148	**397**	920
04:45 PM	0	0	0	0	0	229	197	426	33	0	38	71	0	225	139	364	861
05:00 PM	0	0	0	0	0	**278**	**283**	**561**	32	0	**44**	76	0	221	**166**	387	**1024**
05:15 PM	0	0	0	0	0	263	236	499	**39**	0	39	**78**	0	235	155	390	967
Total Volume	0	0	0	0	0	990	950	1940	134	0	160	294	0	930	608	1538	3772
% App. Total	0	0	0		0	51	49		45.6	0	54.4		0	60.5	39.5		
PHF	.000	.000	.000	.000	.000	.890	.839	.865	.859	.000	.909	.942	.000	.934	.916	.969	.921

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Alton Parkway
Weather: Clear

File Name : 345_IRV_5N_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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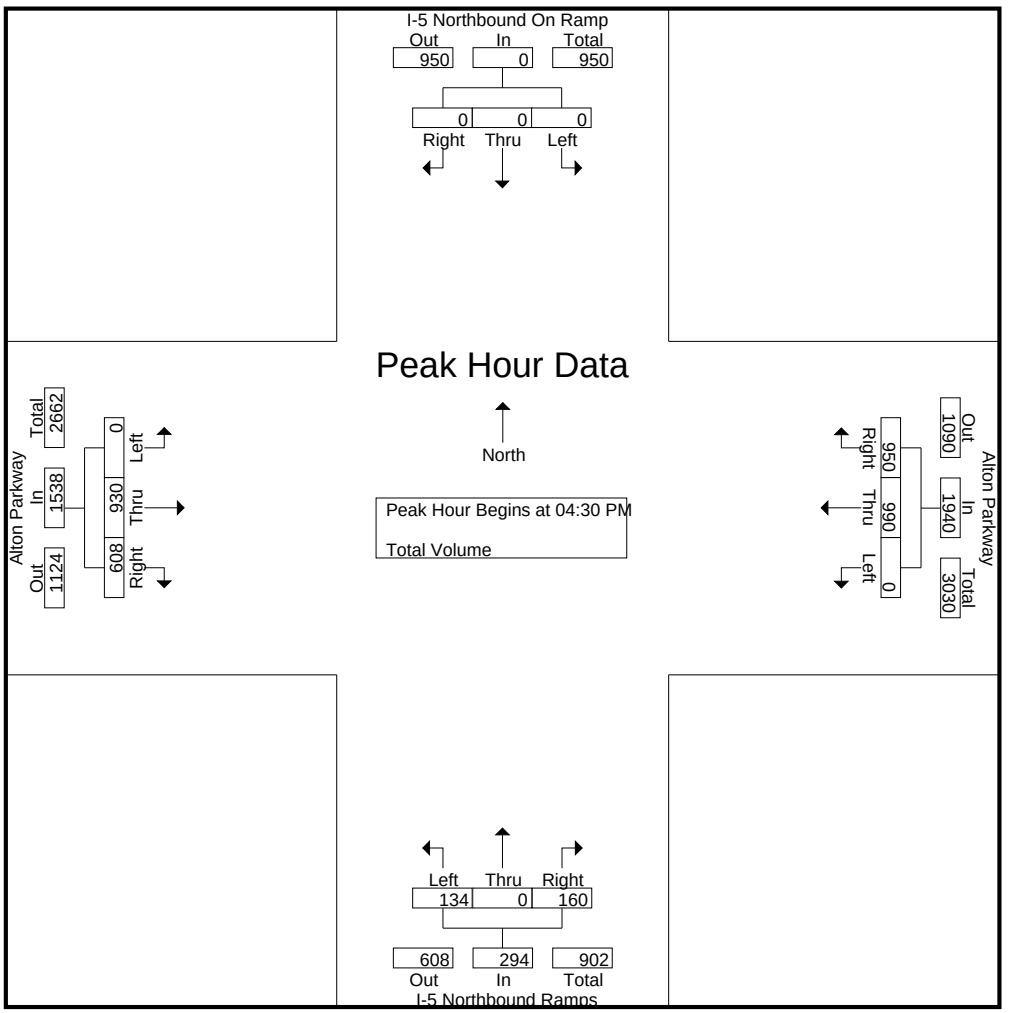

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				04:30 PM			
+0 mins.	0	0	0	0	0	220	234	454	42	0	**42**	**84**	0	**249**	148	**397**
+15 mins.	0	0	0	0	0	229	197	426	**44**	0	38	82	0	225	139	364
+30 mins.	0	0	0	0	0	**278**	**283**	**561**	30	0	39	69	0	221	**166**	387
+45 mins.	0	0	0	0	0	263	236	499	33	0	38	71	0	235	155	390
Total Volume	0	0	0	0	0	990	950	1940	149	0	157	306	0	930	608	1538
% App. Total	0	0	0		0	51	49		48.7	0	51.3		0	60.5	39.5	
PHF	.000	.000	.000	.000	.000	.890	.839	.865	.847	.000	.935	.911	.000	.934	.916	.969

Location: Irvine
N/S: I-5 NB Ramps
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg I-5 NB Ramps	East Leg Alton Parkway	South Leg I-5 NB Ramps	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	2	0	2
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	2	0	2
8:30 AM	0	0	1	0	1
8:45 AM	0	0	4	0	4
TOTAL VOLUMES:	0	0	10	0	10

	North Leg I-5 NB Ramps	East Leg Alton Parkway	South Leg I-5 NB Ramps	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	2	0	2
5:00 PM	0	0	2	0	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	4	0	4
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	8	0	8

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Location: Irvine
N/S: I-5 NB Ramps
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound I-5 NB Ramps			Westbound Alton Parkway			Northbound I-5 NB Ramps			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:30 AM	0	0	0	0	1	0	0	0	0	0	2	0	3
7:45 AM	0	0	0	0	1	0	0	0	0	0	2	0	3
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	7	0	0	0	0	0	7	0	14

	Southbound I-5 NB Ramps			Westbound Alton Parkway			Northbound I-5 NB Ramps			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	1	0	0	0	0	0	4	0	5
4:45 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	3	0	3
TOTAL VOLUMES:	0	0	0	0	4	0	0	0	0	0	11	0	15

Counts Unlimited, Inc.
PO Box 1178
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Location: Irvine
N/S: I-5 NB Ramps
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg I-5 NB Ramps	East Leg Alton Parkway	South Leg I-5 NB Ramps	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1
7:30 AM	0	0	2	0	2
7:45 AM	0	1	2	0	3
8:00 AM	0	0	0	0	0
8:15 AM	0	0	1	0	1
8:30 AM	0	0	2	0	2
8:45 AM	0	0	3	0	3
TOTAL VOLUMES:	0	1	11	0	12

	North Leg I-5 NB Ramps	East Leg Alton Parkway	South Leg I-5 NB Ramps	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	8	0	8
4:30 PM	0	0	0	0	0
4:45 PM	0	0	2	0	2
5:00 PM	0	0	2	0	2
5:15 PM	0	0	1	0	1
5:30 PM	0	0	3	0	3
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	16	0	16

Counts Unlimited, Inc.
PO Box 1178
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951-268-6268

Location: Irvine
N/S: I-5 NB Ramps
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound I-5 NB Ramps			Westbound Alton Parkway			Northbound I-5 NB Ramps			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	4	0	0	0	0	0	1	0	5
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	6	0	0	0	0	0	4	0	10

	Southbound I-5 NB Ramps			Westbound Alton Parkway			Northbound I-5 NB Ramps			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	3	0	0	0	0	0	4	0	7

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City of Irvine
N/S: Enterprise Drive
E/W: Alton Parkway
Weather: Clear

File Name : 346_IRV_Ent_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	10	77	87	11	236	247	119	4	123	457
07:15 AM	15	118	133	20	232	252	151	5	156	541
07:30 AM	24	162	186	28	278	306	136	4	140	632
07:45 AM	21	221	242	42	295	337	192	2	194	773
Total	70	578	648	101	1041	1142	598	15	613	2403
08:00 AM	30	199	229	49	328	377	223	10	233	839
08:15 AM	31	283	314	43	277	320	202	10	212	846
08:30 AM	29	239	268	69	292	361	153	7	160	789
08:45 AM	26	246	272	45	280	325	222	11	233	830
Total	116	967	1083	206	1177	1383	800	38	838	3304
09:00 AM	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0
Grand Total	186	1545	1731	307	2218	2525	1398	53	1451	5707
Apprch %	10.7	89.3		12.2	87.8		96.3	3.7		
Total %	3.3	27.1	30.3	5.4	38.9	44.2	24.5	0.9	25.4	

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	30	199	229	49	**328**	**377**	**223**	10	**233**	839
08:15 AM	**31**	**283**	**314**	43	277	320	202	10	212	**846**
08:30 AM	29	239	268	**69**	292	361	153	7	160	789
08:45 AM	26	246	272	45	280	325	222	**11**	233	830
Total Volume	116	967	1083	206	1177	1383	800	38	838	3304
% App. Total	10.7	89.3		14.9	85.1		95.5	4.5		
PHF	.935	.854	.862	.746	.897	.917	.897	.864	.899	.976

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City of Irvine
N/S: Enterprise Drive
E/W: Alton Parkway
Weather: Clear

File Name : 346_IRV_Ent_Alton Tue AM
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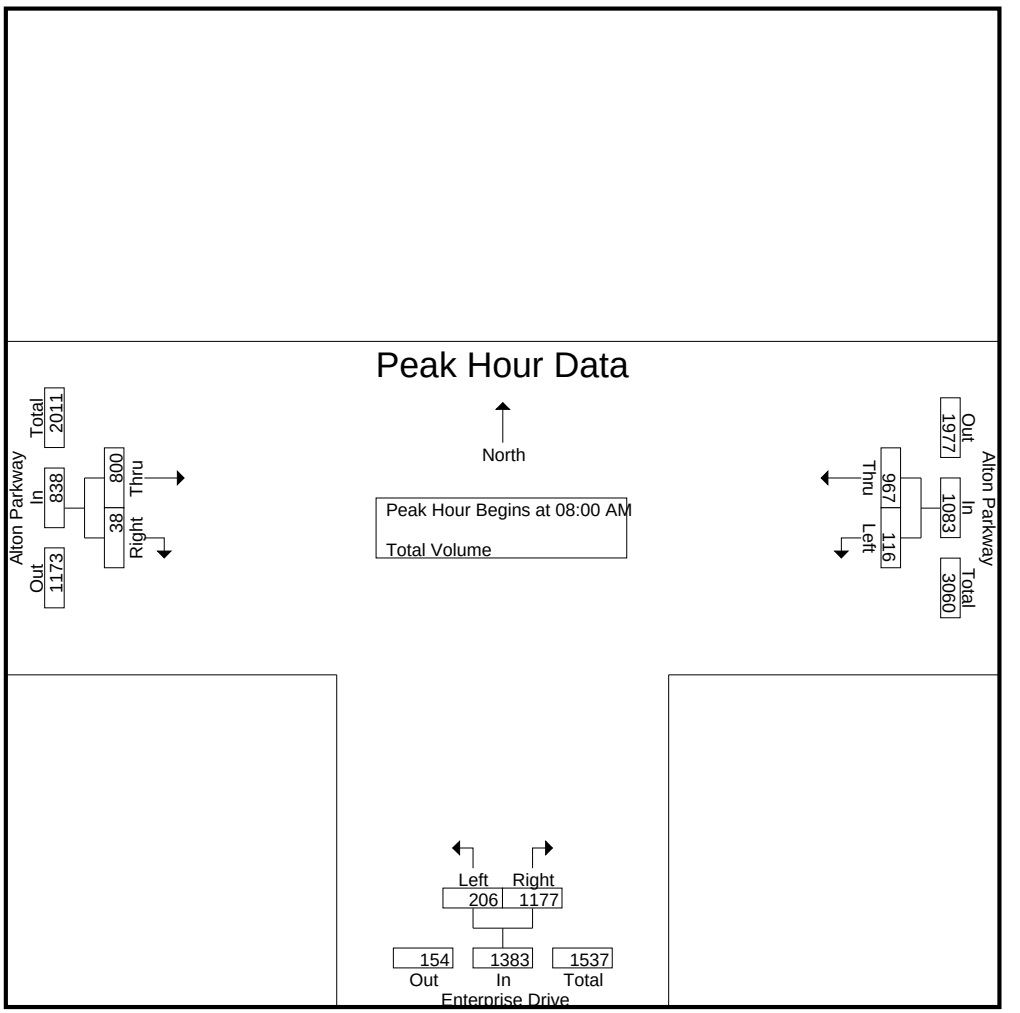

Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			07:45 AM			08:00 AM		
+0 mins.	30	199	229	42	295	337	**223**	10	**233**
+15 mins.	**31**	**283**	**314**	49	**328**	**377**	202	10	212
+30 mins.	29	239	268	43	277	320	153	7	160
+45 mins.	26	246	272	**69**	292	361	222	**11**	233
Total Volume	116	967	1083	203	1192	1395	800	38	838
% App. Total	10.7	89.3		14.6	85.4		95.5	4.5	
PHF	.935	.854	.862	.736	.909	.925	.897	.864	.899

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City of Irvine
N/S: Enterprise Drive
E/W: Alton Parkway
Weather: Clear

File Name : 346_IRV_Ent_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	65	185	250	21	157	178	182	47	229	657
04:15 PM	88	196	284	25	173	198	181	31	212	694
04:30 PM	85	207	292	25	174	199	176	31	207	698
04:45 PM	75	173	248	24	166	190	203	31	234	672
Total	313	761	1074	95	670	765	742	140	882	2721
05:00 PM	102	232	334	16	156	172	254	35	289	795
05:15 PM	98	224	322	29	187	216	251	37	288	826
05:30 PM	81	207	288	24	156	180	273	25	298	766
05:45 PM	91	163	254	31	165	196	180	29	209	659
Total	372	826	1198	100	664	764	958	126	1084	3046
06:00 PM	76	184	260	26	160	186	207	34	241	687
06:15 PM	91	134	225	25	170	195	197	29	226	646
Grand Total	852	1905	2757	246	1664	1910	2104	329	2433	7100
Apprch %	30.9	69.1		12.9	87.1		86.5	13.5		
Total %	12	26.8	38.8	3.5	23.4	26.9	29.6	4.6	34.3	

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	75	173	248	24	166	190	203	31	234	672
05:00 PM	**102**	**232**	**334**	16	156	172	254	35	289	795
05:15 PM	98	224	322	**29**	**187**	**216**	251	**37**	288	**826**
05:30 PM	81	207	288	24	156	180	**273**	25	**298**	766
Total Volume	356	836	1192	93	665	758	981	128	1109	3059
% App. Total	29.9	70.1		12.3	87.7		88.5	11.5		
PHF	.873	.901	.892	.802	.889	.877	.898	.865	.930	.926

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City of Irvine
N/S: Enterprise Drive
E/W: Alton Parkway
Weather: Clear

File Name : 346_IRV_Ent_Alton Tue PM
Site Code : 19224028
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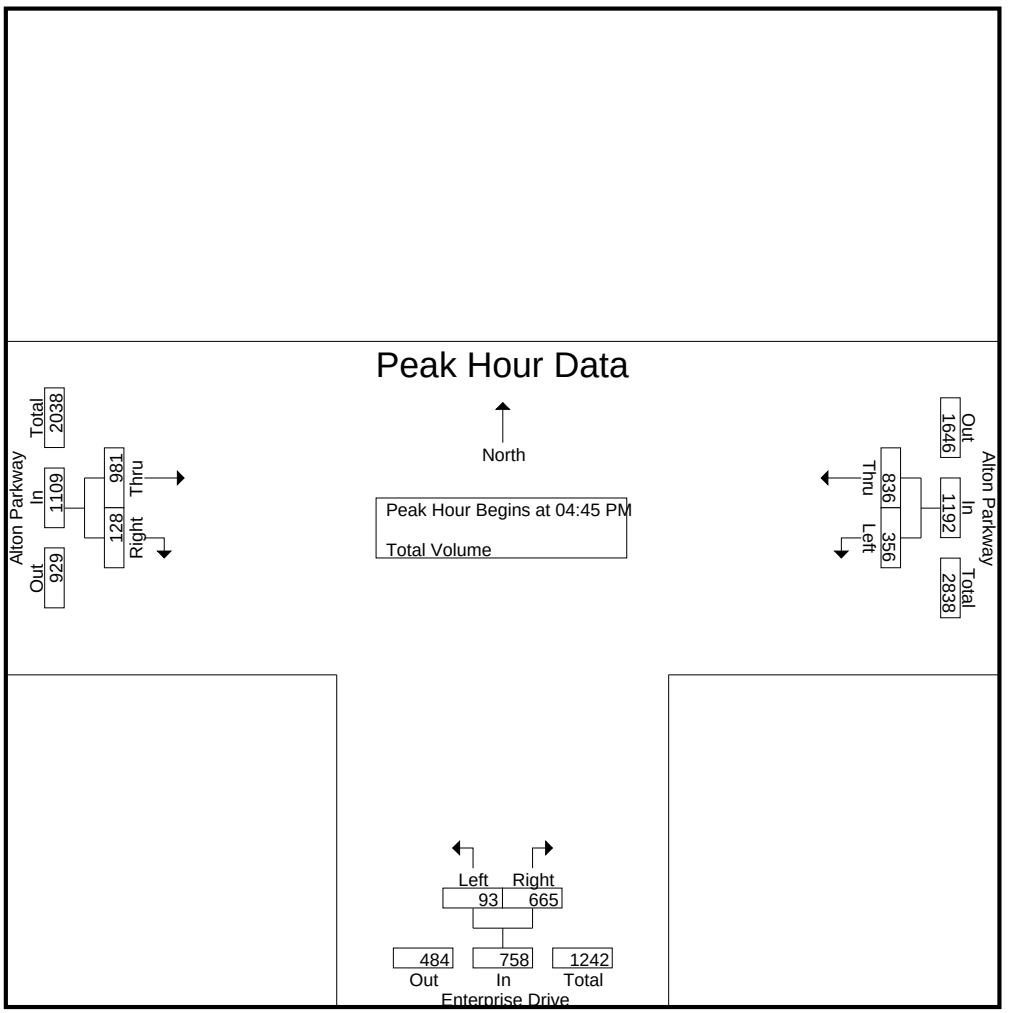

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			05:15 PM			04:45 PM		
+0 mins.	**102**	**232**	**334**	29	**187**	**216**	203	31	234
+15 mins.	98	224	322	24	156	180	254	35	289
+30 mins.	81	207	288	**31**	165	196	251	**37**	288
+45 mins.	91	163	254	26	160	186	**273**	25	**298**
Total Volume	372	826	1198	110	668	778	981	128	1109
% App. Total	31.1	68.9		14.1	85.9		88.5	11.5	
PHF	.912	.890	.897	.887	.893	.900	.898	.865	.930

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City of Irvine
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File Name : 346_IRV_Ent_Alton Thu AM
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Groups Printed- Total Volume

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	13	96	109	18	251	269	99	3	102	480
07:15 AM	18	121	139	13	219	232	142	4	146	517
07:30 AM	14	156	170	30	252	282	147	6	153	605
07:45 AM	19	186	205	40	290	330	151	4	155	690
Total	64	559	623	101	1012	1113	539	17	556	2292
08:00 AM	27	240	267	41	272	313	179	11	190	770
08:15 AM	23	224	247	33	291	324	201	8	209	780
08:30 AM	39	272	311	22	284	306	198	8	206	823
08:45 AM	27	252	279	54	290	344	168	5	173	796
Total	116	988	1104	150	1137	1287	746	32	778	3169
Grand Total	180	1547	1727	251	2149	2400	1285	49	1334	5461
Apprch %	10.4	89.6		10.5	89.5		96.3	3.7		
Total %	3.3	28.3	31.6	4.6	39.4	43.9	23.5	0.9	24.4	

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	27	240	267	41	272	313	179	**11**	190	770
08:15 AM	23	224	247	33	**291**	324	**201**	8	**209**	780
08:30 AM	**39**	**272**	**311**	22	284	306	198	8	206	**823**
08:45 AM	27	252	279	**54**	290	**344**	168	5	173	796
Total Volume	116	988	1104	150	1137	1287	746	32	778	3169
% App. Total	10.5	89.5		11.7	88.3		95.9	4.1		
PHF	.744	.908	.887	.694	.977	.935	.928	.727	.931	.963

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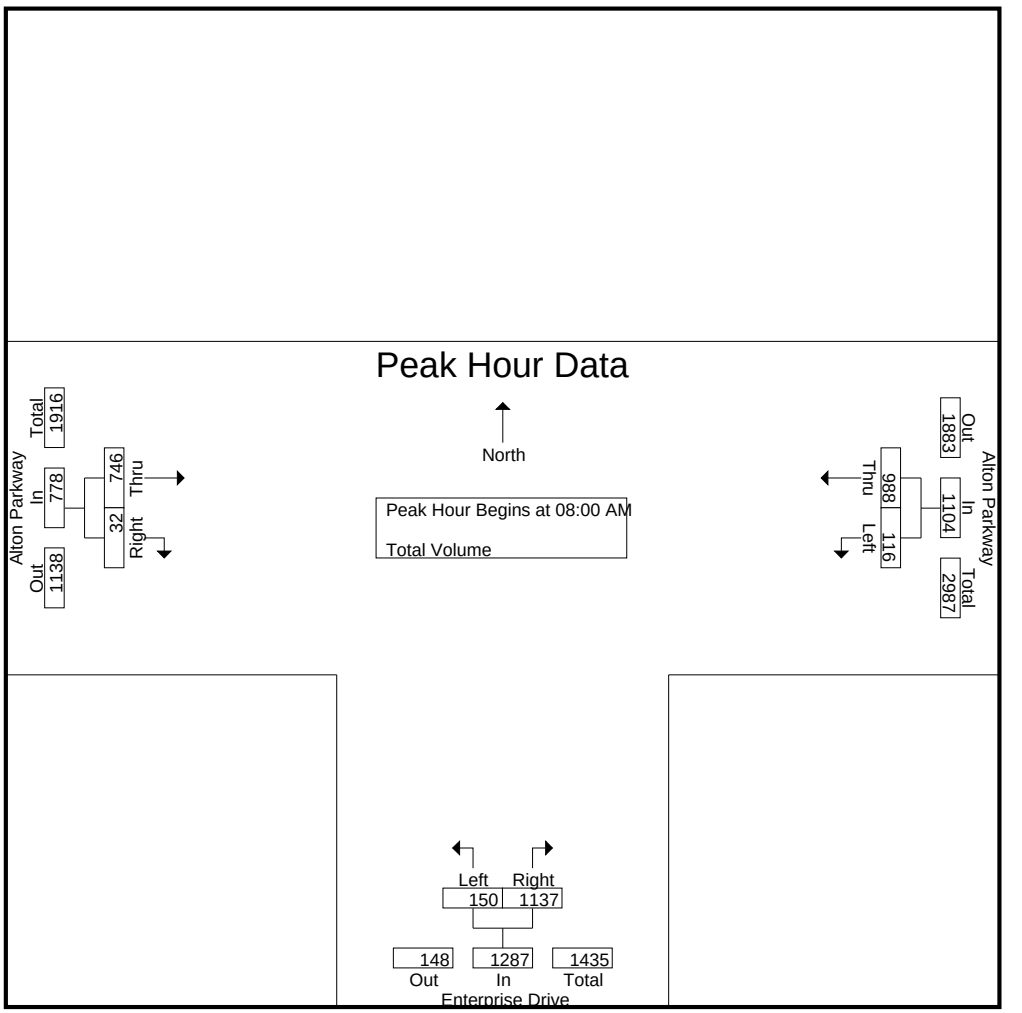

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			08:00 AM			08:00 AM		
+0 mins.	27	240	267	41	272	313	179	**11**	190
+15 mins.	23	224	247	33	**291**	324	**201**	8	**209**
+30 mins.	**39**	**272**	**311**	22	284	306	198	8	206
+45 mins.	27	252	279	**54**	290	**344**	168	5	173
Total Volume	116	988	1104	150	1137	1287	746	32	778
% App. Total	10.5	89.5		11.7	88.3		95.9	4.1	
PHF	.744	.908	.887	.694	.977	.935	.928	.727	.931

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Groups Printed- Total Volume

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	70	192	262	33	159	192	166	20	186	640
04:15 PM	91	193	284	40	141	181	190	26	216	681
04:30 PM	80	192	272	26	192	218	209	37	246	736
04:45 PM	84	173	257	27	172	199	188	41	229	685
Total	325	750	1075	126	664	790	753	124	877	2742
05:00 PM	108	200	308	37	171	208	214	39	253	769
05:15 PM	89	194	283	29	180	209	213	42	255	747
05:30 PM	95	196	291	23	169	192	218	25	243	726
05:45 PM	73	156	229	36	152	188	204	30	234	651
Total	365	746	1111	125	672	797	849	136	985	2893
06:00 PM	77	175	252	34	178	212	166	33	199	663
06:15 PM	73	123	196	26	155	181	211	23	234	611
Grand Total	840	1794	2634	311	1669	1980	1979	316	2295	6909
Apprch %	31.9	68.1		15.7	84.3		86.2	13.8		
Total %	12.2	26	38.1	4.5	24.2	28.7	28.6	4.6	33.2	

	Alton Parkway Westbound			Enterprise Drive Northbound			Alton Parkway Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	80	192	272	26	**192**	**218**	209	37	246	736
04:45 PM	84	173	257	27	172	199	188	41	229	685
05:00 PM	**108**	**200**	**308**	**37**	171	208	**214**	39	253	**769**
05:15 PM	89	194	283	29	180	209	213	**42**	**255**	747
Total Volume	361	759	1120	119	715	834	824	159	983	2937
% App. Total	32.2	67.8		14.3	85.7		83.8	16.2		
PHF	.836	.949	.909	.804	.931	.956	.963	.946	.964	.955

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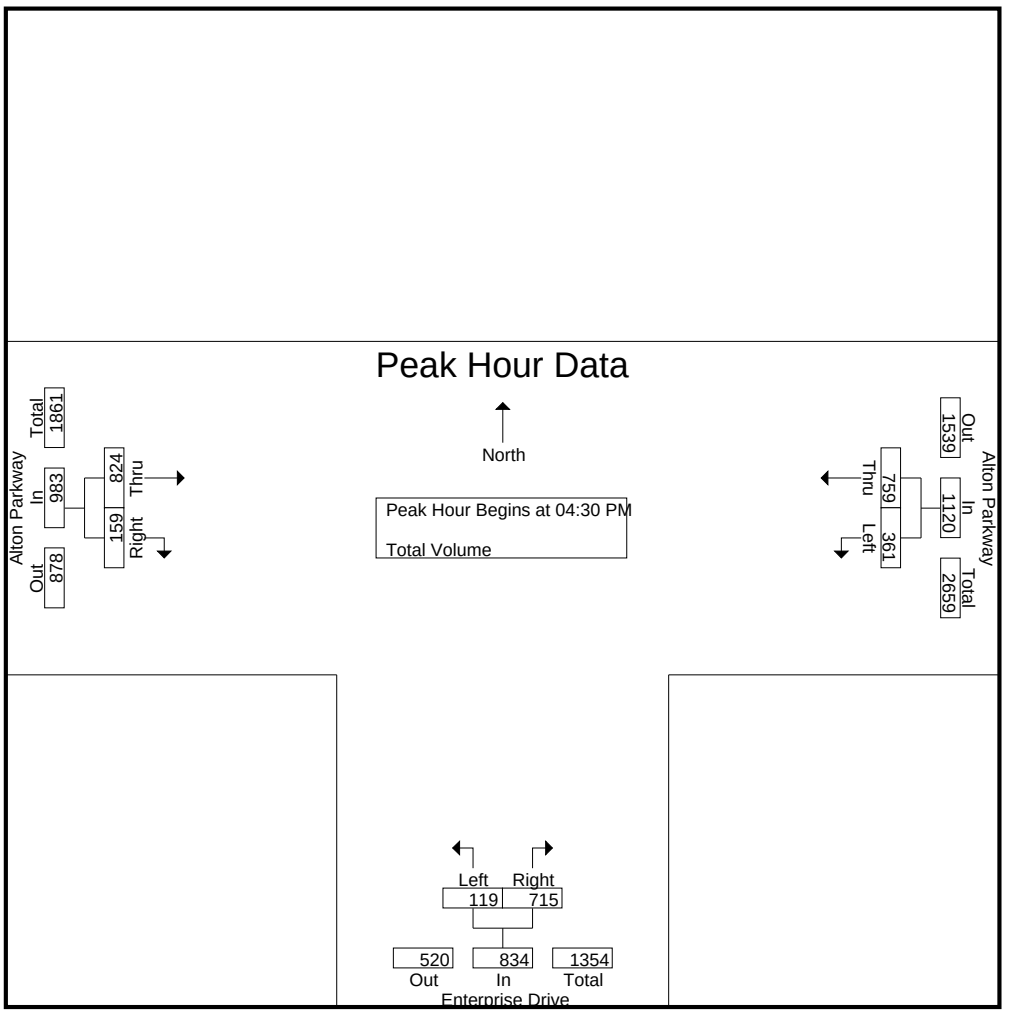
Start Date : 1/25/2024



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			04:30 PM			05:00 PM		
+0 mins.	84	173	257	26	**192**	**218**	214	39	253
+15 mins.	**108**	**200**	**308**	27	172	199	213	**42**	**255**
+30 mins.	89	194	283	**37**	171	208	**218**	25	243
+45 mins.	95	196	291	29	180	209	204	30	234
Total Volume	376	763	1139	119	715	834	849	136	985
% App. Total	33	67		14.3	85.7		86.2	13.8	
PHF	.870	.954	.925	.804	.931	.956	.974	.810	.966

Location: Irvine
N/S: Enterprise Drive
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Enterprise Drive	East Leg Alton Parkway	South Leg Enterprise Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	2	0	2
7:45 AM	0	0	1	0	1
8:00 AM	0	0	2	0	2
8:15 AM	0	0	1	0	1
8:30 AM	0	0	1	0	1
8:45 AM	0	0	4	0	4
TOTAL VOLUMES:	0	0	11	0	11

	North Leg Enterprise Drive	East Leg Alton Parkway	South Leg Enterprise Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	3	0	3
5:00 PM	0	0	1	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	4	0	4
5:45 PM	0	0	2	0	2
6:00 PM	0	0	1	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	12	0	12

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Location: Irvine
N/S: Enterprise Drive
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Enterprise Drive			Westbound Alton Parkway			Northbound Enterprise Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:30 AM	0	0	0	0	1	0	0	0	0	0	2	0	3
7:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	6	0	0	0	0	0	6	0	13

	Southbound Enterprise Drive			Westbound Alton Parkway			Northbound Enterprise Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	2	0	0	0	0	0	3	0	5
4:45 PM	0	0	0	0	2	0	0	0	1	0	1	0	4
5:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	7	0	0	0	1	0	9	0	17

Location: Irvine
N/S: Enterprise Drive
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Enterprise Drive	East Leg Alton Parkway	South Leg Enterprise Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	1	0	1
8:30 AM	0	0	2	0	2
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	0	0	7	0	7

	North Leg Enterprise Drive	East Leg Alton Parkway	South Leg Enterprise Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	6	0	6
4:30 PM	0	0	1	0	1
4:45 PM	0	0	3	0	3
5:00 PM	0	0	1	0	1
5:15 PM	0	0	1	0	1
5:30 PM	0	0	2	0	2
5:45 PM	0	0	1	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	16	0	16

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Location: Irvine
N/S: Enterprise Drive
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Enterprise Drive			Westbound Alton Parkway			Northbound Enterprise Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	1	2	0	0	0	1	0	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	3	2	0	0	0	1	0	3	0	9

	Southbound Enterprise Drive			Westbound Alton Parkway			Northbound Enterprise Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	0	6	0	8

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City of Irvine
N/S: Irvine Center Drive
E/W: Alton Parkway
Weather: Clear

File Name : 348_IRV_ICD_Alton Tue AM
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	34	0	40	34	25	6	65	7	55	73	135	2	24	6	32	272
07:15 AM	7	43	2	52	37	37	6	80	18	74	92	184	4	42	9	55	371
07:30 AM	8	48	1	57	29	73	13	115	21	99	100	220	2	42	7	51	443
07:45 AM	8	68	2	78	21	93	23	137	41	142	130	313	4	60	12	76	604
Total	29	193	5	227	121	228	48	397	87	370	395	852	12	168	34	214	1690
08:00 AM	9	75	1	85	33	105	29	167	36	120	141	297	5	79	11	95	644
08:15 AM	21	64	2	87	40	121	19	180	45	127	121	293	2	65	17	84	644
08:30 AM	12	68	2	82	45	103	23	171	52	145	116	313	3	54	18	75	641
08:45 AM	18	54	3	75	31	112	27	170	42	137	142	321	5	64	12	81	647
Total	60	261	8	329	149	441	98	688	175	529	520	1224	15	262	58	335	2576
Grand Total	89	454	13	556	270	669	146	1085	262	899	915	2076	27	430	92	549	4266
Apprch %	16	81.7	2.3		24.9	61.7	13.5		12.6	43.3	44.1		4.9	78.3	16.8		
Total %	2.1	10.6	0.3	13	6.3	15.7	3.4	25.4	6.1	21.1	21.4	48.7	0.6	10.1	2.2	12.9	

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	**75**	1	85	33	105	**29**	167	36	120	141	297	**5**	**79**	11	**95**	644
08:15 AM	**21**	64	2	**87**	40	**121**	19	**180**	45	127	121	293	2	65	17	84	644
08:30 AM	12	68	2	82	**45**	103	23	171	**52**	**145**	116	313	3	54	**18**	75	641
08:45 AM	18	54	**3**	75	31	112	27	170	42	137	**142**	**321**	5	64	12	81	**647**
Total Volume	60	261	8	329	149	441	98	688	175	529	520	1224	15	262	58	335	2576
% App. Total	18.2	79.3	2.4		21.7	64.1	14.2		14.3	43.2	42.5		4.5	78.2	17.3		
PHF	.714	.870	.667	.945	.828	.911	.845	.956	.841	.912	.915	.953	.750	.829	.806	.882	.995

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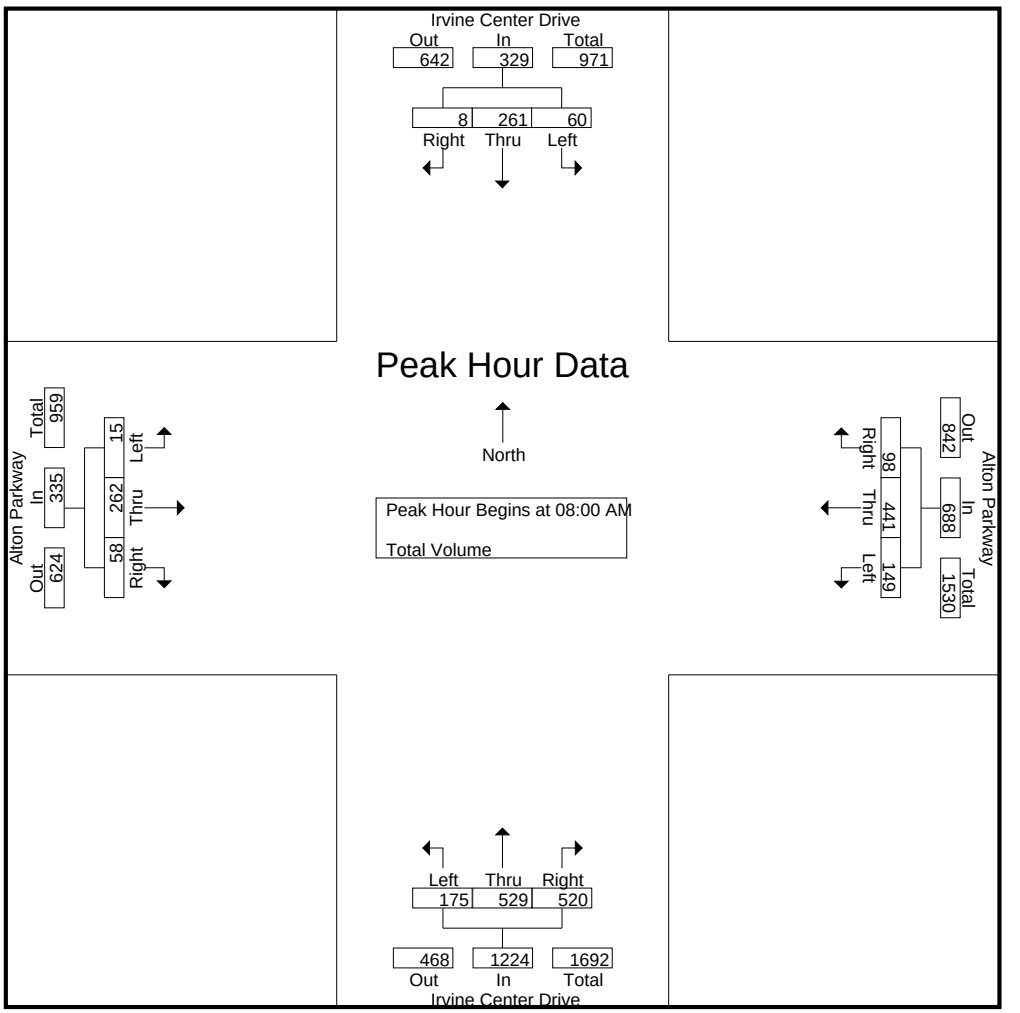

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	8	68	**2**	78	33	105	**29**	167	36	120	141	297	**5**	**79**	11	**95**
+15 mins.	9	**75**	1	85	40	**121**	19	**180**	45	127	121	293	2	65	17	84
+30 mins.	**21**	64	2	**87**	**45**	103	23	171	**52**	**145**	116	313	3	54	**18**	75
+45 mins.	12	68	2	82	31	112	27	170	42	137	**142**	**321**	5	64	12	81
Total Volume	50	275	7	332	149	441	98	688	175	529	520	1224	15	262	58	335
% App. Total	15.1	82.8	2.1		21.7	64.1	14.2		14.3	43.2	42.5		4.5	78.2	17.3	
PHF	.595	.917	.875	.954	.828	.911	.845	.956	.841	.912	.915	.953	.750	.829	.806	.882

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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	22	99	4	125	59	84	21	164	26	118	74	218	5	85	18	108	615
04:15 PM	15	120	1	136	91	78	18	187	35	127	75	237	4	54	20	78	638
04:30 PM	13	108	6	127	103	99	25	227	39	138	71	248	4	67	27	98	700
04:45 PM	24	131	6	161	90	79	14	183	20	130	81	231	3	82	38	123	698
Total	74	458	17	549	343	340	78	761	120	513	301	934	16	288	103	407	2651
05:00 PM	21	166	4	191	103	98	17	218	35	174	89	298	1	65	37	103	810
05:15 PM	25	177	6	208	95	115	22	232	39	155	111	305	6	93	39	138	883
05:30 PM	24	114	3	141	88	99	15	202	26	141	80	247	5	85	28	118	708
05:45 PM	18	116	9	143	68	82	10	160	29	117	82	228	3	69	27	99	630
Total	88	573	22	683	354	394	64	812	129	587	362	1078	15	312	131	458	3031
06:00 PM	19	91	5	115	81	97	16	194	19	72	76	167	5	77	29	111	587
06:15 PM	17	97	3	117	58	73	16	147	18	76	80	174	2	63	27	92	530
Grand Total	198	1219	47	1464	836	904	174	1914	286	1248	819	2353	38	740	290	1068	6799
Apprch %	13.5	83.3	3.2		43.7	47.2	9.1		12.2	53	34.8		3.6	69.3	27.2		
Total %	2.9	17.9	0.7	21.5	12.3	13.3	2.6	28.2	4.2	18.4	12	34.6	0.6	10.9	4.3	15.7	

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	24	131	**6**	161	90	79	14	183	20	130	81	231	3	82	38	123	698
05:00 PM	21	166	4	191	**103**	98	17	218	35	**174**	89	298	1	65	37	103	810
05:15 PM	**25**	**177**	6	**208**	95	**115**	**22**	**232**	**39**	155	**111**	**305**	**6**	**93**	**39**	**138**	**883**
05:30 PM	24	114	3	141	88	99	15	202	26	141	80	247	5	85	28	118	708
Total Volume	94	588	19	701	376	391	68	835	120	600	361	1081	15	325	142	482	3099
% App. Total	13.4	83.9	2.7		45	46.8	8.1		11.1	55.5	33.4		3.1	67.4	29.5		
PHF	.940	.831	.792	.843	.913	.850	.773	.900	.769	.862	.813	.886	.625	.874	.910	.873	.877

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Weather: Clear

File Name : 348_IRV_ICD_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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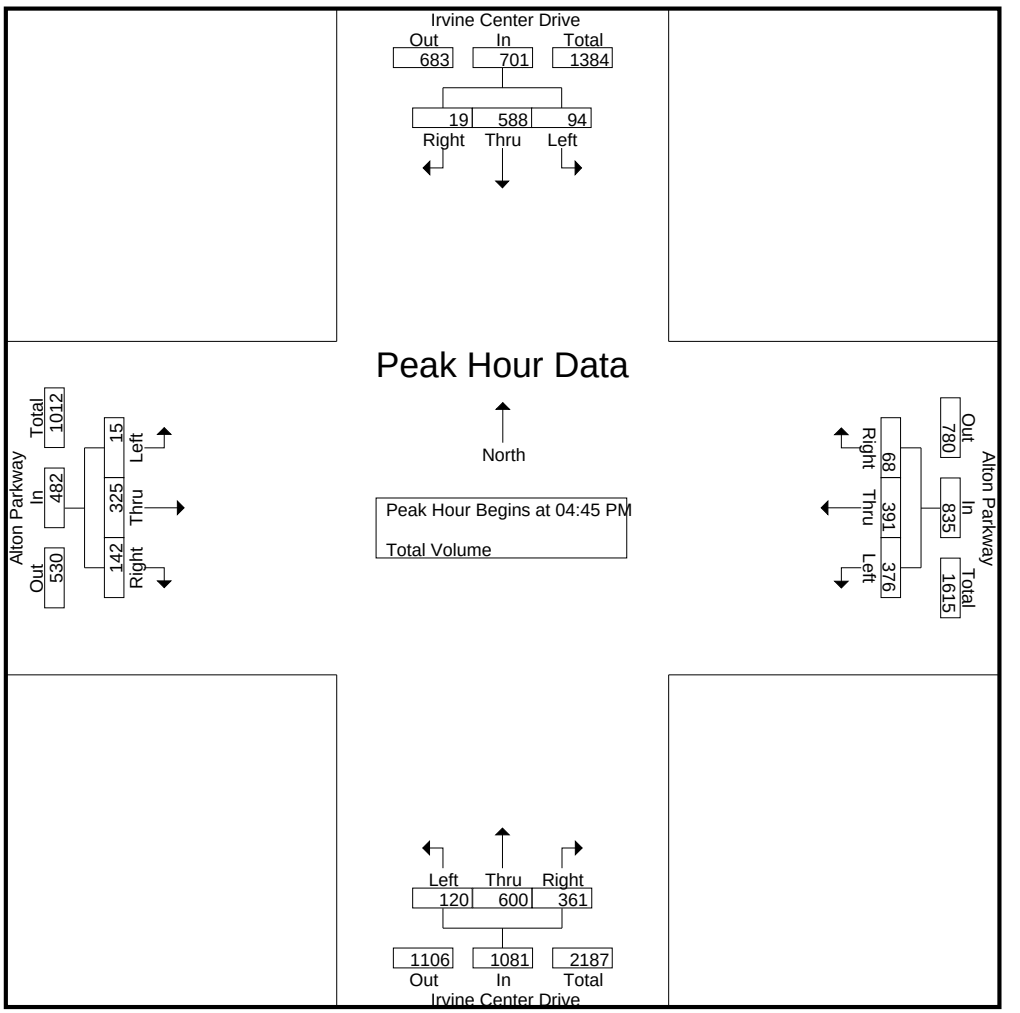

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	24	131	**6**	161	**103**	99	**25**	227	**39**	138	71	248	3	82	38	123
+15 mins.	21	166	4	191	90	79	14	183	20	130	81	231	1	65	37	103
+30 mins.	**25**	**177**	6	**208**	103	98	17	218	35	**174**	89	298	**6**	**93**	**39**	**138**
+45 mins.	24	114	3	141	95	**115**	22	**232**	39	155	**111**	**305**	5	85	28	118
Total Volume	94	588	19	701	391	391	78	860	133	597	352	1082	15	325	142	482
% App. Total	13.4	83.9	2.7		45.5	45.5	9.1		12.3	55.2	32.5		3.1	67.4	29.5	
PHF	.940	.831	.792	.843	.949	.850	.780	.927	.853	.858	.793	.887	.625	.874	.910	.873

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City of Irvine
N/S: Irvine Center Drive
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Weather: Clear

File Name : 348_IRV_ICD_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	35	0	41	43	31	5	79	10	46	68	124	3	25	6	34	278
07:15 AM	6	30	2	38	43	49	9	101	19	79	108	206	1	30	4	35	380
07:30 AM	8	59	2	69	41	52	14	107	18	79	105	202	4	51	7	62	440
07:45 AM	8	73	2	83	37	78	16	131	31	128	104	263	8	48	9	65	542
Total	28	197	6	231	164	210	44	418	78	332	385	795	16	154	26	196	1640
08:00 AM	13	61	4	78	61	75	32	168	21	126	124	271	3	57	12	72	589
08:15 AM	15	64	6	85	40	130	19	189	36	109	122	267	5	74	18	97	638
08:30 AM	13	78	6	97	48	106	18	172	29	127	129	285	8	59	18	85	639
08:45 AM	27	62	2	91	44	86	23	153	38	138	100	276	3	70	12	85	605
Total	68	265	18	351	193	397	92	682	124	500	475	1099	19	260	60	339	2471
Grand Total	96	462	24	582	357	607	136	1100	202	832	860	1894	35	414	86	535	4111
Apprch %	16.5	79.4	4.1		32.5	55.2	12.4		10.7	43.9	45.4		6.5	77.4	16.1		
Total %	2.3	11.2	0.6	14.2	8.7	14.8	3.3	26.8	4.9	20.2	20.9	46.1	0.9	10.1	2.1	13	

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	13	61	4	78	**61**	75	**32**	168	21	126	124	271	3	57	12	72	589
08:15 AM	15	64	**6**	85	40	**130**	19	**189**	36	109	122	267	5	**74**	**18**	**97**	638
08:30 AM	13	**78**	6	**97**	48	106	18	172	29	127	**129**	**285**	**8**	59	18	85	**639**
08:45 AM	**27**	62	2	91	44	86	23	153	**38**	**138**	100	276	3	70	12	85	605
Total Volume	68	265	18	351	193	397	92	682	124	500	475	1099	19	260	60	339	2471
% App. Total	19.4	75.5	5.1		28.3	58.2	13.5		11.3	45.5	43.2		5.6	76.7	17.7		
PHF	.630	.849	.750	.905	.791	.763	.719	.902	.816	.906	.921	.964	.594	.878	.833	.874	.967

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File Name : 348_IRV_ICD_Alton Thu AM
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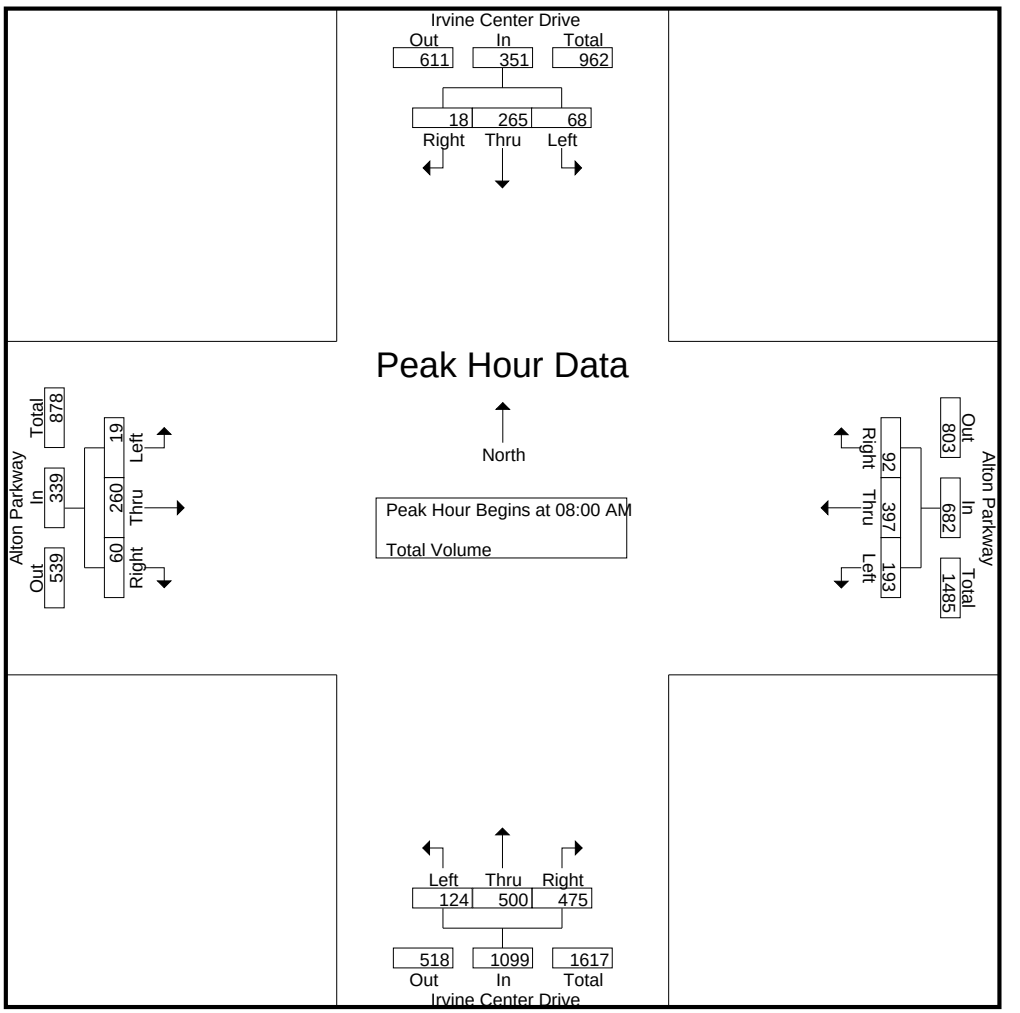

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	13	61	4	78	**61**	75	**32**	168	21	126	124	271	3	57	12	72
+15 mins.	15	64	**6**	85	40	**130**	19	**189**	36	109	122	267	5	**74**	**18**	**97**
+30 mins.	13	**78**	6	**97**	48	106	18	172	29	127	**129**	**285**	**8**	59	18	85
+45 mins.	**27**	62	2	91	44	86	23	153	**38**	**138**	100	276	3	70	12	85
Total Volume	68	265	18	351	193	397	92	682	124	500	475	1099	19	260	60	339
% App. Total	19.4	75.5	5.1		28.3	58.2	13.5		11.3	45.5	43.2		5.6	76.7	17.7	
PHF	.630	.849	.750	.905	.791	.763	.719	.902	.816	.906	.921	.964	.594	.878	.833	.874

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City of Irvine
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E/W: Alton Parkway
Weather: Clear

File Name : 348_IRV_ICD_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	18	78	8	104	72	108	13	193	33	103	67	203	2	68	23	93	593
04:15 PM	15	89	3	107	94	108	17	219	25	132	79	236	4	56	26	86	648
04:30 PM	12	128	6	146	85	97	16	198	22	145	75	242	4	74	30	108	694
04:45 PM	20	112	0	132	82	80	27	189	17	147	60	224	4	71	20	95	640
Total	65	407	17	489	333	393	73	799	97	527	281	905	14	269	99	382	2575
05:00 PM	25	159	2	186	69	88	11	168	31	141	64	236	3	59	23	85	675
05:15 PM	16	161	3	180	88	98	22	208	41	169	69	279	5	79	35	119	786
05:30 PM	30	131	7	168	73	88	15	176	38	153	84	275	1	70	23	94	713
05:45 PM	11	87	2	100	67	92	12	171	25	103	72	200	5	79	34	118	589
Total	82	538	14	634	297	366	60	723	135	566	289	990	14	287	115	416	2763
06:00 PM	30	101	3	134	80	64	14	158	18	93	83	194	1	61	27	89	575
06:15 PM	17	93	4	114	84	70	10	164	15	73	72	160	3	60	24	87	525
Grand Total	194	1139	38	1371	794	893	157	1844	265	1259	725	2249	32	677	265	974	6438
Apprch %	14.2	83.1	2.8		43.1	48.4	8.5		11.8	56	32.2		3.3	69.5	27.2		
Total %	3	17.7	0.6	21.3	12.3	13.9	2.4	28.6	4.1	19.6	11.3	34.9	0.5	10.5	4.1	15.1	

	Irvine Center Drive Southbound				Alton Parkway Westbound				Irvine Center Drive Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	20	112	0	132	82	80	**27**	189	17	147	60	224	4	71	20	95	640
05:00 PM	25	159	2	**186**	69	88	11	168	31	141	64	236	3	59	23	85	675
05:15 PM	16	**161**	3	180	**88**	**98**	22	**208**	**41**	**169**	69	**279**	**5**	**79**	**35**	**119**	**786**
05:30 PM	**30**	131	**7**	168	73	88	15	176	38	153	**84**	275	1	70	23	94	713
Total Volume	91	563	12	666	312	354	75	741	127	610	277	1014	13	279	101	393	2814
% App. Total	13.7	84.5	1.8		42.1	47.8	10.1		12.5	60.2	27.3		3.3	71	25.7		
PHF	.758	.874	.429	.895	.886	.903	.694	.891	.774	.902	.824	.909	.650	.883	.721	.826	.895

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City of Irvine
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File Name : 348_IRV_ICD_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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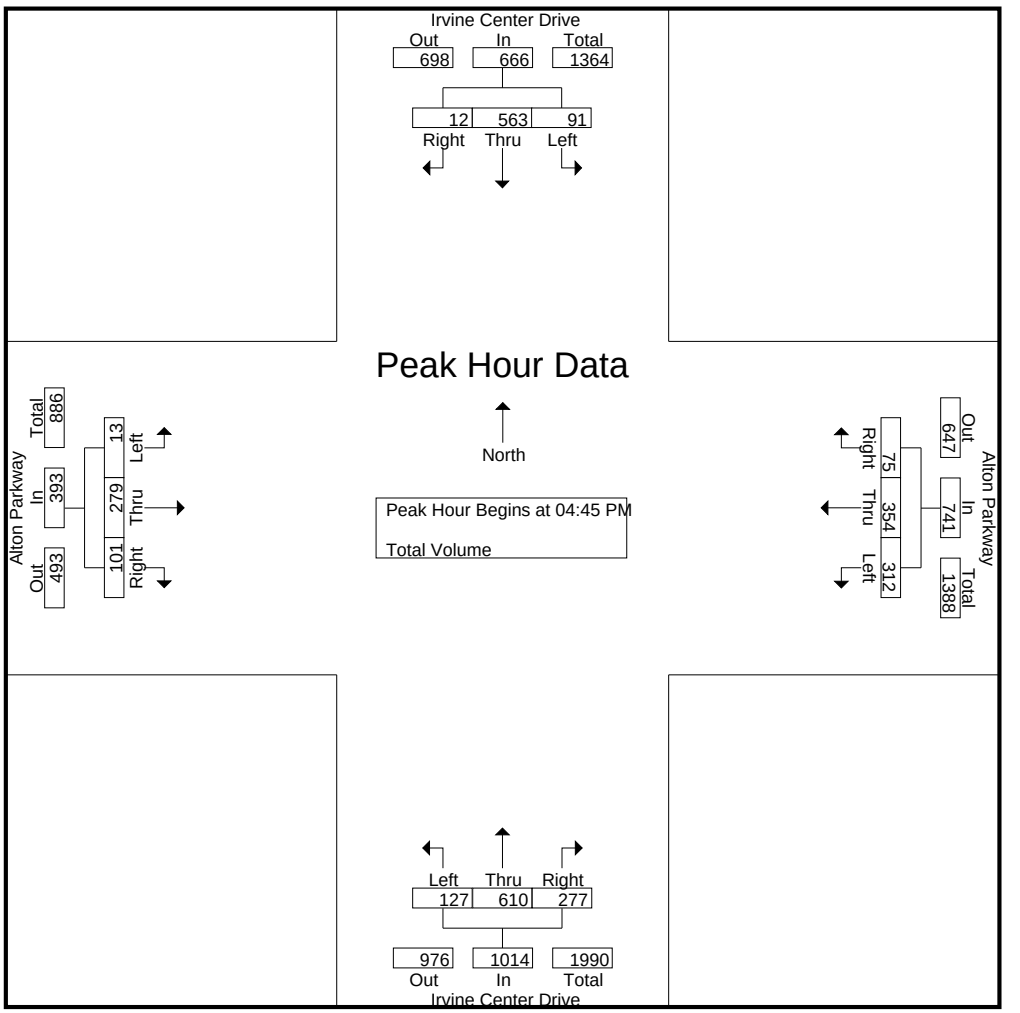

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				05:15 PM			
+0 mins.	20	112	0	132	72	**108**	13	193	17	147	60	224	**5**	**79**	**35**	**119**
+15 mins.	25	159	2	**186**	**94**	108	17	**219**	31	141	64	236	1	70	23	94
+30 mins.	16	**161**	3	180	85	97	16	198	**41**	**169**	69	**279**	5	79	34	118
+45 mins.	**30**	131	**7**	168	82	80	**27**	189	38	153	**84**	275	1	61	27	89
Total Volume	91	563	12	666	333	393	73	799	127	610	277	1014	12	289	119	420
% App. Total	13.7	84.5	1.8		41.7	49.2	9.1		12.5	60.2	27.3		2.9	68.8	28.3	
PHF	.758	.874	.429	.895	.886	.910	.676	.912	.774	.902	.824	.909	.600	.915	.850	.882

Location: Irvine
N/S: Irvine Center Drive
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Alton Parkway	South Leg Irvine Center Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	2	1	5
7:15 AM	0	0	0	2	2
7:30 AM	0	0	1	2	3
7:45 AM	0	0	0	3	3
8:00 AM	2	0	2	5	9
8:15 AM	0	0	1	2	3
8:30 AM	0	7	8	2	17
8:45 AM	2	1	0	6	9
TOTAL VOLUMES:	5	9	14	23	51

	North Leg Irvine Center Drive	East Leg Alton Parkway	South Leg Irvine Center Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	1	4	6
4:15 PM	3	2	0	1	6
4:30 PM	1	0	2	6	9
4:45 PM	5	4	0	3	12
5:00 PM	0	1	0	4	5
5:15 PM	1	1	5	3	10
5:30 PM	1	0	3	4	8
5:45 PM	1	0	1	5	7
6:00 PM	2	0	2	4	8
6:15 PM	2	0	3	5	10
TOTAL VOLUMES:	17	8	17	39	81

Location: Irvine
N/S: Irvine Center Drive
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Alton Parkway			Northbound Irvine Center Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	1	0	1	0	0	0	0	1	0	1	0	4
7:45 AM	0	0	1	0	0	0	0	0	1	0	1	0	3
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	1	0	0	2	0	3
8:30 AM	0	0	0	0	0	0	0	0	1	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	1	1	1	0	0	2	3	0	7	0	16

	Southbound Irvine Center Drive			Westbound Alton Parkway			Northbound Irvine Center Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	1	0	0	0	0	1	0	2	0	4
4:45 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:00 PM	0	1	0	0	0	0	0	2	0	0	2	0	5
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	3	0	0	0	0	0	0	0	3
6:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
6:15 PM	1	1	0	0	0	0	0	0	0	0	1	0	3
TOTAL VOLUMES:	1	3	0	1	5	0	0	2	2	0	8	0	22

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Location: Irvine
N/S: Irvine Center Drive
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Alton Parkway	South Leg Irvine Center Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	1	0	2
7:15 AM	0	3	1	1	5
7:30 AM	0	1	0	1	2
7:45 AM	0	3	0	5	8
8:00 AM	3	0	3	5	11
8:15 AM	1	0	0	1	2
8:30 AM	1	0	1	4	6
8:45 AM	2	1	2	4	9
TOTAL VOLUMES:	7	9	8	21	45

	North Leg Irvine Center Drive	East Leg Alton Parkway	South Leg Irvine Center Drive	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	1	3	5
4:15 PM	0	0	7	3	10
4:30 PM	1	5	0	4	10
4:45 PM	1	2	1	1	5
5:00 PM	0	1	2	2	5
5:15 PM	5	0	3	2	10
5:30 PM	2	2	4	0	8
5:45 PM	3	1	0	2	6
6:00 PM	0	0	0	6	6
6:15 PM	0	0	1	3	4
TOTAL VOLUMES:	12	12	19	26	69

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Location: Irvine
N/S: Irvine Center Drive
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Center Drive			Westbound Alton Parkway			Northbound Irvine Center Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	1	0	1	0	2
8:00 AM	0	0	0	1	0	0	0	1	0	0	2	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	2	0	0	0	3	1	0	6	0	12

	Southbound Irvine Center Drive			Westbound Alton Parkway			Northbound Irvine Center Drive			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	1	1	0	0	0	0	1	1	0	0	0	4
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	1	0	4	0	0	3	1	0	1	1	13

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City of Irvine
N/S: Pacifica
E/W: Alton Parkway
Weather: Clear

File Name : 350_IRV_Pacifica_Alton AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Pacifica Southbound				Alton Parkway Westbound				Pacifica Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	16	9	26	0	31	3	34	4	21	4	29	10	35	10	55	144
07:15 AM	8	6	11	25	2	58	4	64	9	28	7	44	5	32	11	48	181
07:30 AM	9	13	12	34	0	94	8	102	33	34	7	74	17	32	15	64	274
07:45 AM	8	16	24	48	1	176	19	196	48	36	10	94	12	46	25	83	421
Total	26	51	56	133	3	359	34	396	94	119	28	241	44	145	61	250	1020
08:00 AM	10	25	17	52	2	166	9	177	65	39	7	111	10	76	28	114	454
08:15 AM	6	25	8	39	2	191	6	199	38	26	7	71	9	83	49	141	450
08:30 AM	8	32	12	52	3	159	3	165	44	31	4	79	15	62	45	122	418
08:45 AM	10	34	7	51	3	161	11	175	24	38	11	73	20	54	32	106	405
Total	34	116	44	194	10	677	29	716	171	134	29	334	54	275	154	483	1727
Grand Total	60	167	100	327	13	1036	63	1112	265	253	57	575	98	420	215	733	2747
Apprch %	18.3	51.1	30.6		1.2	93.2	5.7		46.1	44	9.9		13.4	57.3	29.3		
Total %	2.2	6.1	3.6	11.9	0.5	37.7	2.3	40.5	9.6	9.2	2.1	20.9	3.6	15.3	7.8	26.7	

	Pacifica Southbound				Alton Parkway Westbound				Pacifica Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	8	16	**24**	48	1	176	**19**	196	48	36	**10**	94	12	46	25	83	421
08:00 AM	**10**	25	17	**52**	2	166	9	177	**65**	**39**	7	**111**	10	76	28	114	**454**
08:15 AM	6	25	8	39	2	**191**	6	**199**	38	26	7	71	9	**83**	**49**	**141**	450
08:30 AM	8	**32**	12	52	**3**	159	3	165	44	31	4	79	**15**	62	45	122	418
Total Volume	32	98	61	191	8	692	37	737	195	132	28	355	46	267	147	460	1743
% App. Total	16.8	51.3	31.9		1.1	93.9	5		54.9	37.2	7.9		10	58	32		
PHF	.800	.766	.635	.918	.667	.906	.487	.926	.750	.846	.700	.800	.767	.804	.750	.816	.960

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File Name : 350_IRV_Pacifica_Alton AM
Site Code : 05124139
Start Date : 1/23/2024
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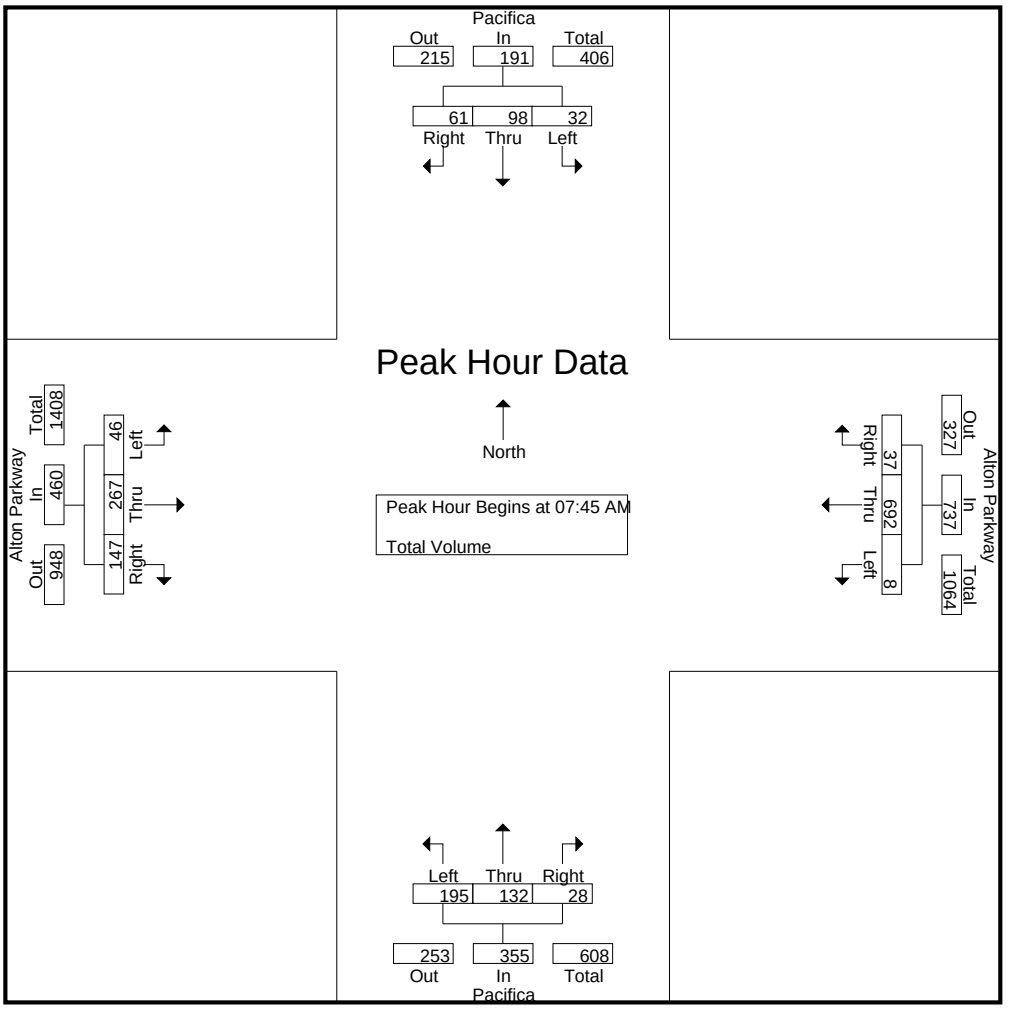

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	**10**	25	**17**	**52**	1	176	**19**	196	48	36	**10**	94	10	76	28	114
+15 mins.	6	25	8	39	2	166	9	177	**65**	**39**	7	**111**	9	**83**	**49**	**141**
+30 mins.	8	32	12	52	2	**191**	6	**199**	38	26	7	71	15	62	45	122
+45 mins.	10	**34**	7	51	**3**	159	3	165	44	31	4	79	**20**	54	32	106
Total Volume	34	116	44	194	8	692	37	737	195	132	28	355	54	275	154	483
% App. Total	17.5	59.8	22.7		1.1	93.9	5		54.9	37.2	7.9		11.2	56.9	31.9	
PHF	.850	.853	.647	.933	.667	.906	.487	.926	.750	.846	.700	.800	.675	.828	.786	.856

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File Name : 350_IRV_Pacifica_Alton PM
Site Code : 05124139
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Groups Printed- Total Volume

	Pacifica Southbound				Alton Parkway Westbound				Pacifica Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	31	6	43	12	88	10	110	14	45	2	61	44	94	25	163	377
04:15 PM	11	16	9	36	5	117	15	137	18	36	0	54	48	83	23	154	381
04:30 PM	12	29	7	48	4	107	10	121	21	31	0	52	52	99	35	186	407
04:45 PM	15	21	4	40	3	104	5	112	5	33	0	38	50	116	30	196	386
Total	44	97	26	167	24	416	40	480	58	145	2	205	194	392	113	699	1551
05:00 PM	11	37	7	55	7	113	5	125	19	38	4	61	75	118	57	250	491
05:15 PM	10	46	5	61	5	122	10	137	26	57	4	87	47	124	55	226	511
05:30 PM	15	49	9	73	13	96	10	119	22	44	2	68	46	115	56	217	477
05:45 PM	8	37	6	51	10	115	8	133	24	39	2	65	41	122	62	225	474
Total	44	169	27	240	35	446	33	514	91	178	12	281	209	479	230	918	1953
Grand Total	88	266	53	407	59	862	73	994	149	323	14	486	403	871	343	1617	3504
Apprch %	21.6	65.4	13		5.9	86.7	7.3		30.7	66.5	2.9		24.9	53.9	21.2		
Total %	2.5	7.6	1.5	11.6	1.7	24.6	2.1	28.4	4.3	9.2	0.4	13.9	11.5	24.9	9.8	46.1	

	Pacifica Southbound				Alton Parkway Westbound				Pacifica Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	11	37	7	55	7	113	5	125	19	38	**4**	61	**75**	118	57	**250**	491
05:15 PM	10	46	5	61	5	**122**	**10**	**137**	**26**	**57**	4	**87**	47	**124**	55	226	**511**
05:30 PM	**15**	**49**	**9**	**73**	**13**	96	10	119	22	44	2	68	46	115	56	217	477
05:45 PM	8	37	6	51	10	115	8	133	24	39	2	65	41	122	**62**	225	474
Total Volume	44	169	27	240	35	446	33	514	91	178	12	281	209	479	230	918	1953
% App. Total	18.3	70.4	11.2		6.8	86.8	6.4		32.4	63.3	4.3		22.8	52.2	25.1		
PHF	.733	.862	.750	.822	.673	.914	.825	.938	.875	.781	.750	.807	.697	.966	.927	.918	.955

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Site Code : 05124139
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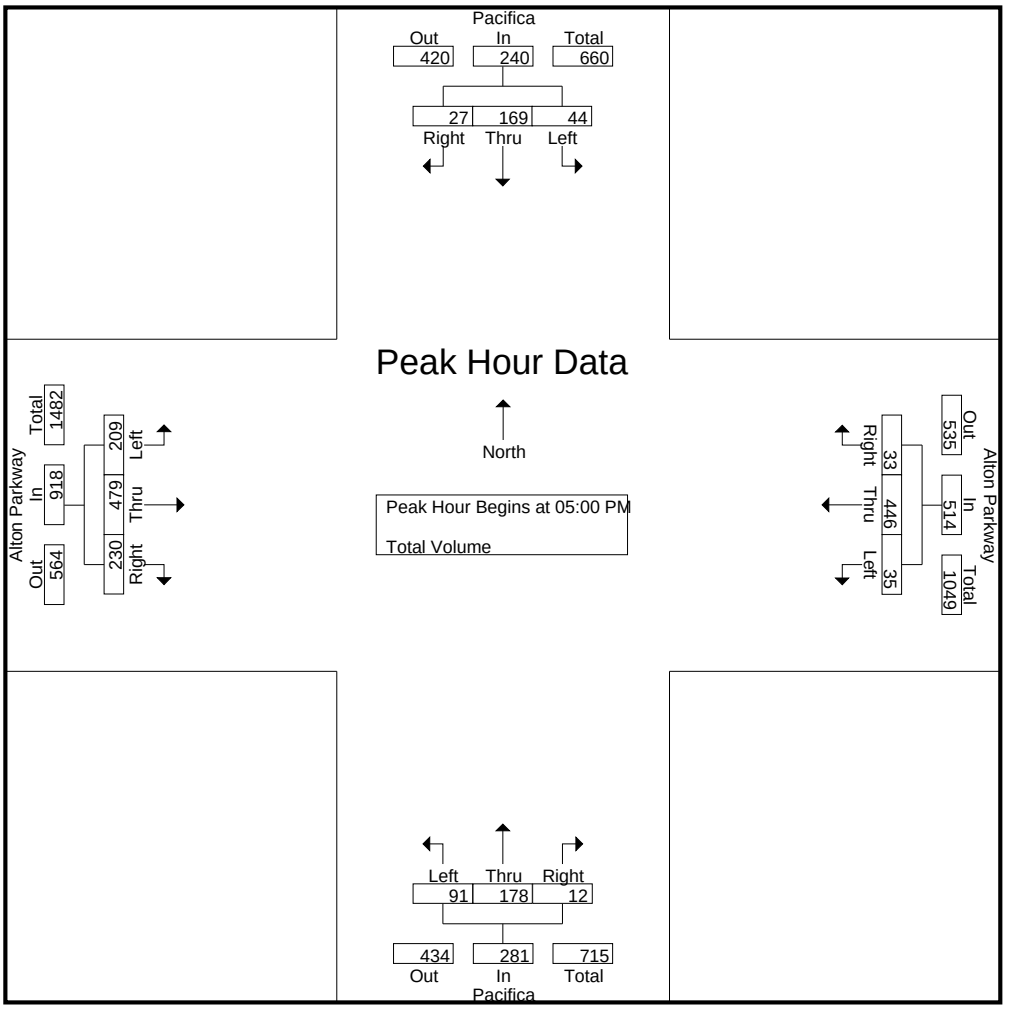

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	11	37	7	55	7	113	5	125	19	38	**4**	61	**75**	118	57	**250**
+15 mins.	10	46	5	61	5	**122**	**10**	**137**	**26**	**57**	4	**87**	47	**124**	55	226
+30 mins.	**15**	**49**	**9**	**73**	**13**	96	10	119	22	44	2	68	46	115	56	217
+45 mins.	8	37	6	51	10	115	8	133	24	39	2	65	41	122	**62**	225
Total Volume	44	169	27	240	35	446	33	514	91	178	12	281	209	479	230	918
% App. Total	18.3	70.4	11.2		6.8	86.8	6.4		32.4	63.3	4.3		22.8	52.2	25.1	
PHF	.733	.862	.750	.822	.673	.914	.825	.938	.875	.781	.750	.807	.697	.966	.927	.918

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City of Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps
Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	2	6	16	10	39	271	320	0	4	2	6	2	4	0	6	348
07:15 AM	11	3	1	15	7	47	252	306	0	1	0	1	3	2	2	7	329
07:30 AM	20	4	7	31	15	38	292	345	0	5	0	5	0	1	2	3	384
07:45 AM	12	4	7	23	22	98	344	464	2	6	3	11	1	1	2	4	502
Total	51	13	21	85	54	222	1159	1435	2	16	5	23	6	8	6	20	1563
08:00 AM	20	10	11	41	22	82	351	455	0	10	1	11	2	3	0	5	512
08:15 AM	24	9	9	42	26	109	313	448	1	11	4	16	4	0	3	7	513
08:30 AM	12	11	14	37	18	98	342	458	2	8	4	14	4	4	2	10	519
08:45 AM	9	17	11	37	30	110	312	452	2	17	3	22	1	3	2	6	517
Total	65	47	45	157	96	399	1318	1813	5	46	12	63	11	10	7	28	2061
Grand Total	116	60	66	242	150	621	2477	3248	7	62	17	86	17	18	13	48	3624
Apprch %	47.9	24.8	27.3		4.6	19.1	76.3		8.1	72.1	19.8		35.4	37.5	27.1		
Total %	3.2	1.7	1.8	6.7	4.1	17.1	68.3	89.6	0.2	1.7	0.5	2.4	0.5	0.5	0.4	1.3	

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	20	10	11	41	22	82	**351**	455	0	10	1	11	2	3	0	5	512
08:15 AM	**24**	9	9	**42**	26	109	313	448	1	11	**4**	16	**4**	0	**3**	7	513
08:30 AM	12	11	**14**	37	18	98	342	**458**	**2**	8	4	14	4	**4**	2	**10**	**519**
08:45 AM	9	**17**	11	37	**30**	**110**	312	452	2	**17**	3	**22**	1	3	2	6	517
Total Volume	65	47	45	157	96	399	1318	1813	5	46	12	63	11	10	7	28	2061
% App. Total	41.4	29.9	28.7		5.3	22	72.7		7.9	73	19		39.3	35.7	25		
PHF	.677	.691	.804	.935	.800	.907	.939	.990	.625	.676	.750	.716	.688	.625	.583	.700	.993

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City of Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps
Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Tue AM
Site Code : 19224028
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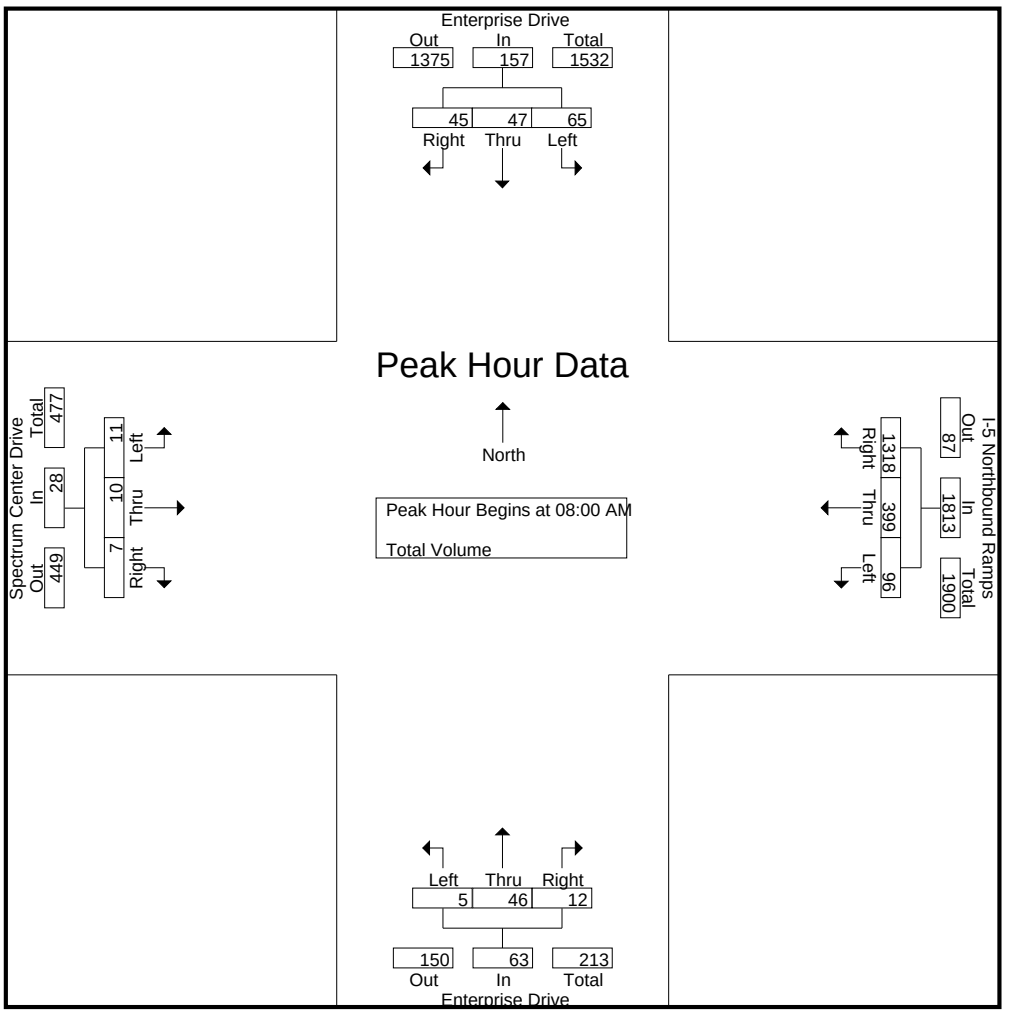

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	20	10	11	41	22	98	344	**464**	0	10	1	11	2	3	0	5
+15 mins.	**24**	9	9	**42**	22	82	**351**	455	1	11	**4**	16	**4**	0	**3**	7
+30 mins.	12	11	**14**	37	**26**	**109**	313	448	**2**	8	4	14	4	**4**	2	**10**
+45 mins.	9	**17**	11	37	18	98	342	458	2	**17**	3	**22**	1	3	2	6
Total Volume	65	47	45	157	88	387	1350	1825	5	46	12	63	11	10	7	28
% App. Total	41.4	29.9	28.7		4.8	21.2	74		7.9	73	19		39.3	35.7	25	
PHF	.677	.691	.804	.935	.846	.888	.962	.983	.625	.676	.750	.716	.688	.625	.583	.700

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Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Tue PM
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Start Date : 1/23/2024
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Groups Printed- Total Volume

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	79	40	3	122	52	47	101	200	6	55	32	93	24	17	4	45	460
04:15 PM	78	44	9	131	50	46	111	207	4	71	23	98	10	13	6	29	465
04:30 PM	64	35	7	106	60	56	110	226	8	76	17	101	20	20	6	46	479
04:45 PM	62	38	8	108	66	64	89	219	8	66	16	90	26	16	5	47	464
Total	283	157	27	467	228	213	411	852	26	268	88	382	80	66	21	167	1868
05:00 PM	85	30	8	123	53	65	106	224	5	59	18	82	21	21	6	48	477
05:15 PM	95	42	19	156	51	47	103	201	6	90	23	119	12	16	6	34	510
05:30 PM	63	34	6	103	73	55	110	238	8	71	20	99	13	11	4	28	468
05:45 PM	60	45	14	119	65	57	104	226	5	59	19	83	20	20	6	46	474
Total	303	151	47	501	242	224	423	889	24	279	80	383	66	68	22	156	1929
06:00 PM	57	46	8	111	54	53	94	201	8	76	12	96	15	18	11	44	452
06:15 PM	60	41	19	120	64	43	105	212	5	69	23	97	16	13	13	42	471
Grand Total	703	395	101	1199	588	533	1033	2154	63	692	203	958	177	165	67	409	4720
Apprch %	58.6	32.9	8.4		27.3	24.7	48		6.6	72.2	21.2		43.3	40.3	16.4		
Total %	14.9	8.4	2.1	25.4	12.5	11.3	21.9	45.6	1.3	14.7	4.3	20.3	3.8	3.5	1.4	8.7	

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	64	35	7	106	60	56	**110**	**226**	**8**	76	17	101	20	20	**6**	46	479
04:45 PM	62	38	8	108	**66**	64	89	219	8	66	16	90	**26**	16	5	47	464
05:00 PM	85	30	8	123	53	**65**	106	224	5	59	18	82	21	**21**	6	**48**	477
05:15 PM	**95**	**42**	**19**	**156**	51	47	103	201	6	**90**	**23**	**119**	12	16	6	34	**510**
Total Volume	306	145	42	493	230	232	408	870	27	291	74	392	79	73	23	175	1930
% App. Total	62.1	29.4	8.5		26.4	26.7	46.9		6.9	74.2	18.9		45.1	41.7	13.1		
PHF	.805	.863	.553	.790	.871	.892	.927	.962	.844	.808	.804	.824	.760	.869	.958	.911	.946

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File Name : 351_IRV_Spe Ctr_Ent Tue PM
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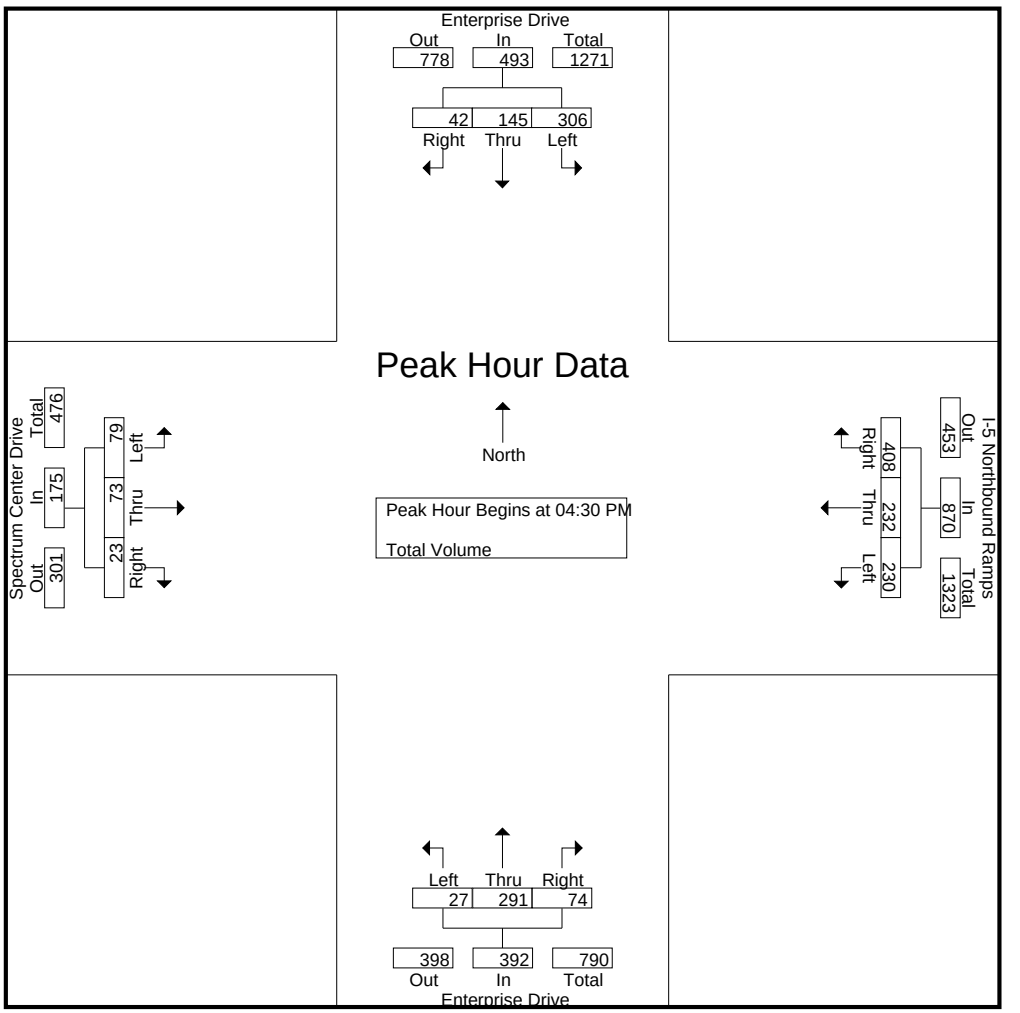

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:15 PM				04:30 PM			
+0 mins.	85	30	8	123	53	**65**	106	224	6	**90**	**23**	**119**	20	20	**6**	46
+15 mins.	**95**	42	**19**	**156**	51	47	103	201	**8**	71	20	99	**26**	16	5	47
+30 mins.	63	34	6	103	**73**	55	**110**	**238**	5	59	19	83	21	**21**	6	**48**
+45 mins.	60	**45**	14	119	65	57	104	226	8	76	12	96	12	16	6	34
Total Volume	303	151	47	501	242	224	423	889	27	296	74	397	79	73	23	175
% App. Total	60.5	30.1	9.4		27.2	25.2	47.6		6.8	74.6	18.6		45.1	41.7	13.1	
PHF	.797	.839	.618	.803	.829	.862	.961	.934	.844	.822	.804	.834	.760	.869	.958	.911

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City of Irvine
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File Name : 351_IRV_Spe Ctr_Ent Thu AM
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Groups Printed- Total Volume

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	4	3	16	14	33	262	309	2	4	1	7	1	2	2	5	337
07:15 AM	17	1	4	22	14	33	235	282	0	2	1	3	2	3	1	6	313
07:30 AM	13	6	3	22	11	37	280	328	1	5	0	6	2	0	2	4	360
07:45 AM	11	5	4	20	25	88	311	424	3	6	3	12	4	2	1	7	463
Total	50	16	14	80	64	191	1088	1343	6	17	5	28	9	7	6	22	1473
08:00 AM	21	6	8	35	16	70	321	407	0	6	1	7	1	0	0	1	450
08:15 AM	19	6	10	35	19	90	309	418	0	5	2	7	4	4	2	10	470
08:30 AM	24	16	8	48	24	86	315	425	4	7	4	15	4	3	1	8	496
08:45 AM	14	6	9	29	33	102	309	444	0	18	3	21	1	2	2	5	499
Total	78	34	35	147	92	348	1254	1694	4	36	10	50	10	9	5	24	1915
Grand Total	128	50	49	227	156	539	2342	3037	10	53	15	78	19	16	11	46	3388
Apprch %	56.4	22	21.6		5.1	17.7	77.1		12.8	67.9	19.2		41.3	34.8	23.9		
Total %	3.8	1.5	1.4	6.7	4.6	15.9	69.1	89.6	0.3	1.6	0.4	2.3	0.6	0.5	0.3	1.4	

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	21	6	8	35	16	70	**321**	407	0	6	1	7	1	0	0	1	450
08:15 AM	19	6	**10**	35	19	90	309	418	0	5	2	7	**4**	**4**	**2**	**10**	470
08:30 AM	**24**	**16**	8	**48**	24	86	315	425	**4**	7	**4**	15	4	3	1	8	496
08:45 AM	14	6	9	29	**33**	**102**	309	**444**	0	**18**	3	**21**	1	2	2	5	**499**
Total Volume	78	34	35	147	92	348	1254	1694	4	36	10	50	10	9	5	24	1915
% App. Total	53.1	23.1	23.8		5.4	20.5	74		8	72	20		41.7	37.5	20.8		
PHF	.813	.531	.875	.766	.697	.853	.977	.954	.250	.500	.625	.595	.625	.563	.625	.600	.959

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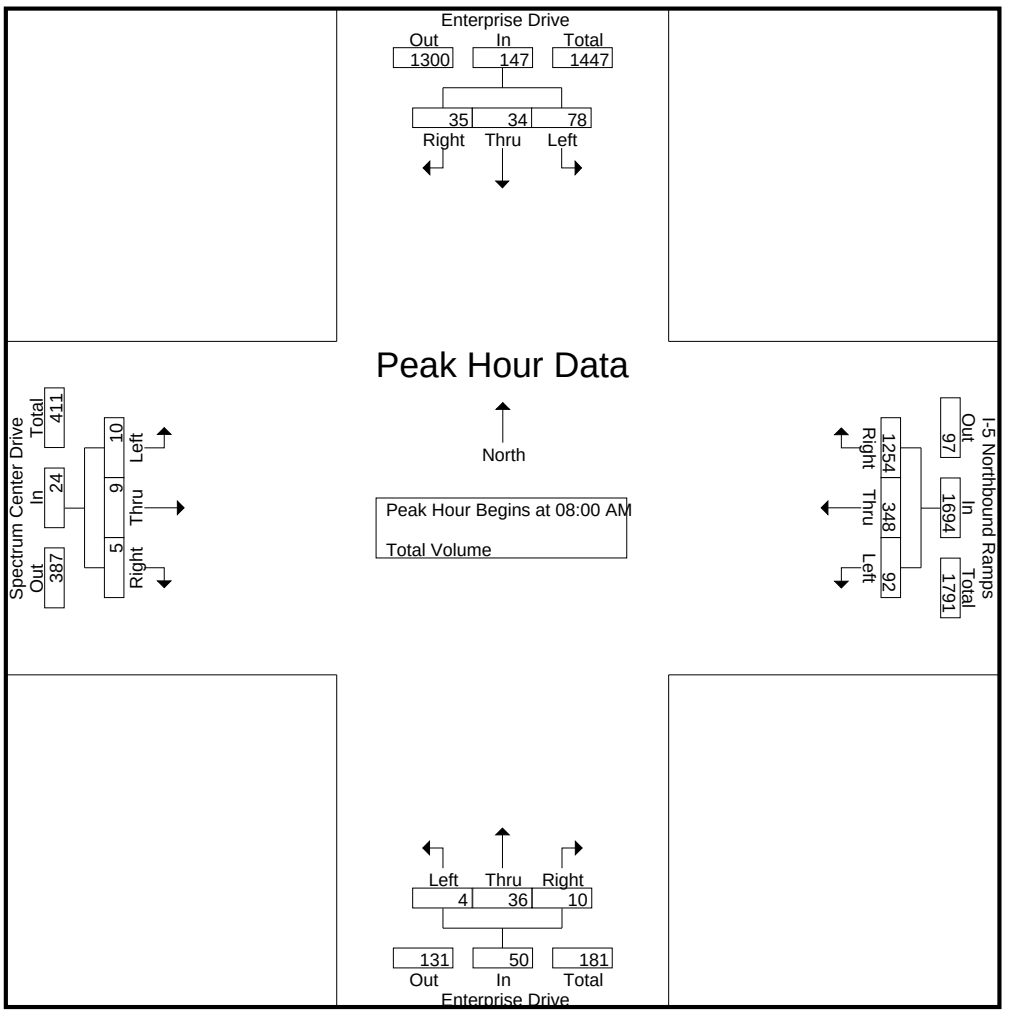
City of Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps
Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Thu AM
Site Code : 19224028
Start Date : 1/25/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	21	6	8	35	16	70	**321**	407	0	6	1	7	**4**	2	1	7
+15 mins.	19	6	**10**	35	19	90	309	418	0	5	2	7	1	0	0	1
+30 mins.	**24**	**16**	8	**48**	24	86	315	425	**4**	7	**4**	15	4	**4**	**2**	**10**
+45 mins.	14	6	9	29	**33**	**102**	309	**444**	0	**18**	3	**21**	4	3	1	8
Total Volume	78	34	35	147	92	348	1254	1694	4	36	10	50	13	9	4	26
% App. Total	53.1	23.1	23.8		5.4	20.5	74		8	72	20		50	34.6	15.4	
PHF	.813	.531	.875	.766	.697	.853	.977	.954	.250	.500	.625	.595	.813	.563	.500	.650

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City of Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps
Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	59	23	2	84	71	45	99	215	3	76	18	97	14	20	8	42	438
04:15 PM	77	39	10	126	68	50	116	234	5	77	23	105	14	16	6	36	501
04:30 PM	61	46	8	115	59	64	104	227	4	71	23	98	25	20	5	50	490
04:45 PM	67	47	10	124	62	68	115	245	3	71	19	93	20	9	4	33	495
Total	264	155	30	449	260	227	434	921	15	295	83	393	73	65	23	161	1924
05:00 PM	89	50	7	146	59	62	111	232	5	74	21	100	18	21	2	41	519
05:15 PM	80	43	15	138	74	74	118	266	9	76	22	107	17	19	10	46	557
05:30 PM	58	39	16	113	86	67	96	249	3	78	16	97	19	16	4	39	498
05:45 PM	61	38	12	111	69	74	102	245	8	57	18	83	22	19	10	51	490
Total	288	170	50	508	288	277	427	992	25	285	77	387	76	75	26	177	2064
06:00 PM	47	42	12	101	64	80	115	259	9	80	14	103	18	20	8	46	509
06:15 PM	54	45	7	106	59	64	91	214	12	79	25	116	16	14	8	38	474
Grand Total	653	412	99	1164	671	648	1067	2386	61	739	199	999	183	174	65	422	4971
Apprch %	56.1	35.4	8.5		28.1	27.2	44.7		6.1	74	19.9		43.4	41.2	15.4		
Total %	13.1	8.3	2	23.4	13.5	13	21.5	48	1.2	14.9	4	20.1	3.7	3.5	1.3	8.5	

	Enterprise Drive Southbound				I-5 Northbound Ramps Westbound				Enterprise Drive Northbound				Spectrum Center Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	67	47	10	124	62	68	115	245	3	71	19	93	**20**	9	4	33	495
05:00 PM	**89**	**50**	7	**146**	59	62	111	232	5	74	21	100	18	**21**	2	41	519
05:15 PM	80	43	15	138	74	**74**	**118**	**266**	**9**	76	**22**	**107**	17	19	**10**	**46**	**557**
05:30 PM	58	39	**16**	113	**86**	67	96	249	3	**78**	16	97	19	16	4	39	498
Total Volume	294	179	48	521	281	271	440	992	20	299	78	397	74	65	20	159	2069
% App. Total	56.4	34.4	9.2		28.3	27.3	44.4		5	75.3	19.6		46.5	40.9	12.6		
PHF	.826	.895	.750	.892	.817	.916	.932	.932	.556	.958	.886	.928	.925	.774	.500	.864	.929

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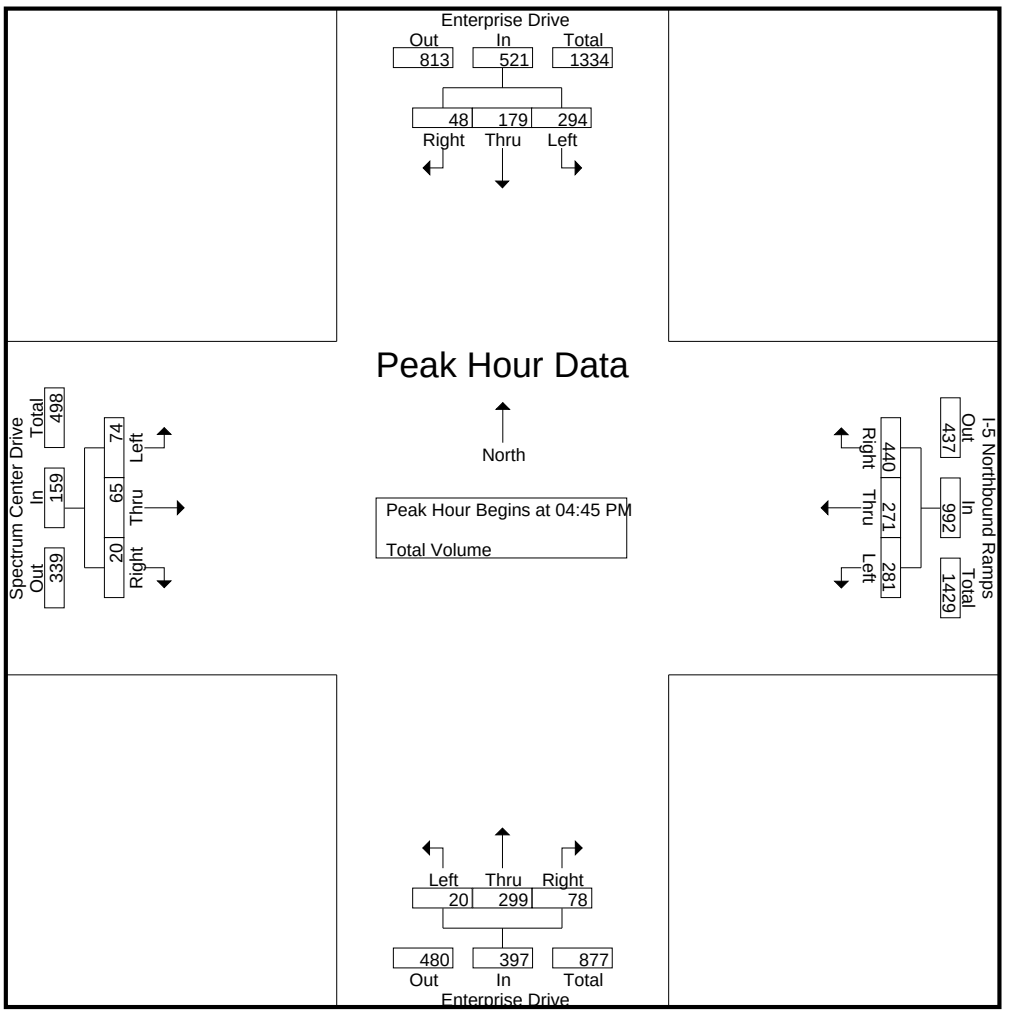
City of Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps
Weather: Clear

File Name : 351_IRV_Spe Ctr_Ent Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:15 PM				05:30 PM				05:15 PM			
+0 mins.	61	46	8	115	74	74	**118**	**266**	3	78	16	97	17	19	**10**	46
+15 mins.	67	47	10	124	**86**	67	96	249	8	57	18	83	19	16	4	39
+30 mins.	**89**	**50**	7	**146**	69	74	102	245	9	**80**	14	103	**22**	19	10	**51**
+45 mins.	80	43	**15**	138	64	**80**	115	259	**12**	79	**25**	**116**	18	**20**	8	46
Total Volume	297	186	40	523	293	295	431	1019	32	294	73	399	76	74	32	182
% App. Total	56.8	35.6	7.6		28.8	28.9	42.3		8	73.7	18.3		41.8	40.7	17.6	
PHF	.834	.930	.667	.896	.852	.922	.913	.958	.667	.919	.730	.860	.864	.925	.800	.892

Location: Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Enterprise Drive	East Leg I-5 NB Ramps	South Leg Enterprise Drive	West Leg Spectrum Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg Enterprise Drive	East Leg I-5 NB Ramps	South Leg Enterprise Drive	West Leg Spectrum Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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Location: Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Enterprise Drive			Westbound I-5 NB Ramps			Northbound Enterprise Drive			Eastbound Spectrum Center Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	0	0	0	0	0	0	0	0	1

	Southbound Enterprise Drive			Westbound I-5 NB Ramps			Northbound Enterprise Drive			Eastbound Spectrum Center Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	1	0	0	0	0	1

Counts Unlimited, Inc.
PO Box 1178
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951-268-6268

Location: Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Enterprise Drive	East Leg I-5 NB Ramps	South Leg Enterprise Drive	West Leg Spectrum Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg Enterprise Drive	East Leg I-5 NB Ramps	South Leg Enterprise Drive	West Leg Spectrum Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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951-268-6268

Location: Irvine
N/S: Enterprise Drive
E/W: Spectrum Center Dr/I-5 SB Ramps

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Enterprise Drive			Westbound I-5 NB Ramps			Northbound Enterprise Drive			Eastbound Spectrum Center Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	1	0	0	0	0	0	0	0	0	0	2

	Southbound Enterprise Drive			Westbound I-5 NB Ramps			Northbound Enterprise Drive			Eastbound Spectrum Center Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	0	0	1

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City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
Weather: Clear

File Name : 357_IRV_Spec Ctr_Enter Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	3	3	7	3	4	2	9	19	19	8	46	1	6	80	87	149
07:15 AM	1	3	1	5	1	3	0	4	27	23	4	54	3	8	100	111	174
07:30 AM	2	3	4	9	0	4	1	5	41	29	8	78	4	13	116	133	225
07:45 AM	1	0	3	4	2	5	4	11	39	41	18	98	7	18	99	124	237
Total	5	9	11	25	6	16	7	29	126	112	38	276	15	45	395	455	785
08:00 AM	2	5	1	8	3	8	4	15	40	37	17	94	16	27	111	154	271
08:15 AM	1	1	3	5	3	10	0	13	51	36	16	103	14	30	85	129	250
08:30 AM	1	5	4	10	8	12	1	21	53	37	22	112	18	25	85	128	271
08:45 AM	5	2	3	10	6	18	1	25	44	39	32	115	15	43	64	122	272
Total	9	13	11	33	20	48	6	74	188	149	87	424	63	125	345	533	1064
Grand Total	14	22	22	58	26	64	13	103	314	261	125	700	78	170	740	988	1849
Apprch %	24.1	37.9	37.9		25.2	62.1	12.6		44.9	37.3	17.9		7.9	17.2	74.9		
Total %	0.8	1.2	1.2	3.1	1.4	3.5	0.7	5.6	17	14.1	6.8	37.9	4.2	9.2	40	53.4	

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	**5**	1	8	3	8	**4**	15	40	37	17	94	16	27	**111**	**154**	271
08:15 AM	1	1	3	5	3	10	0	13	51	36	16	103	14	30	85	129	250
08:30 AM	1	5	**4**	**10**	**8**	12	1	21	**53**	37	22	112	**18**	25	85	128	271
08:45 AM	**5**	2	3	10	6	**18**	1	**25**	44	**39**	**32**	**115**	15	**43**	64	122	**272**
Total Volume	9	13	11	33	20	48	6	74	188	149	87	424	63	125	345	533	1064
% App. Total	27.3	39.4	33.3		27	64.9	8.1		44.3	35.1	20.5		11.8	23.5	64.7		
PHF	.450	.650	.688	.825	.625	.667	.375	.740	.887	.955	.680	.922	.875	.727	.777	.865	.978

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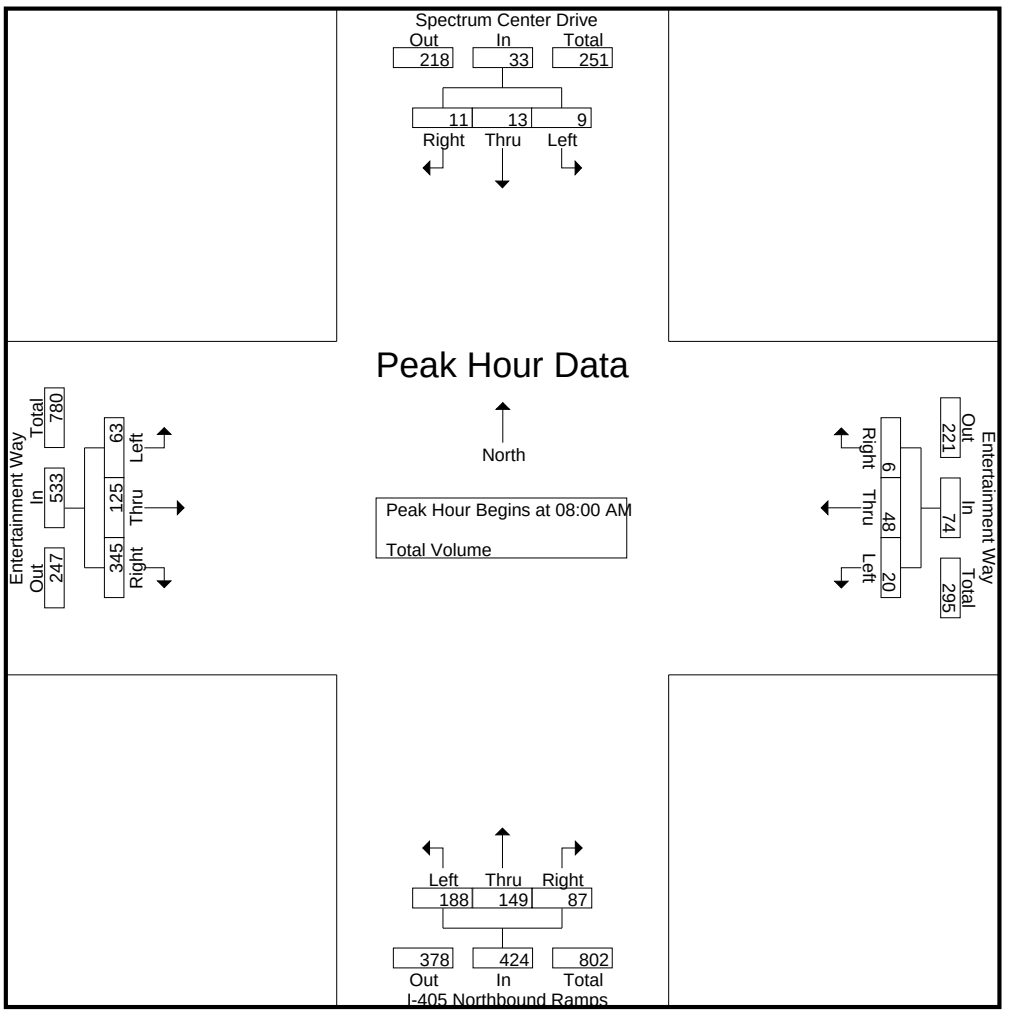
City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
Weather: Clear

File Name : 357_IRV_Spec Ctr_Enter Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:30 AM			
+0 mins.	2	**5**	1	8	3	8	**4**	15	40	37	17	94	4	13	**116**	133
+15 mins.	1	1	3	5	3	10	0	13	51	36	16	103	7	18	99	124
+30 mins.	1	5	**4**	**10**	**8**	12	1	21	**53**	37	22	112	**16**	27	111	**154**
+45 mins.	**5**	2	3	10	6	**18**	1	**25**	44	**39**	**32**	**115**	14	**30**	85	129
Total Volume	9	13	11	33	20	48	6	74	188	149	87	424	41	88	411	540
% App. Total	27.3	39.4	33.3		27	64.9	8.1		44.3	35.1	20.5		7.6	16.3	76.1	
PHF	.450	.650	.688	.825	.625	.667	.375	.740	.887	.955	.680	.922	.641	.733	.886	.877

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City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
Weather: Clear

File Name : 357_IRV_Spec Ctr_Enter Tues PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	34	20	62	36	84	3	123	35	16	45	96	22	65	108	195	476
04:15 PM	5	29	19	53	46	66	4	116	37	20	39	96	26	65	119	210	475
04:30 PM	7	26	18	51	35	79	4	118	36	11	54	101	26	66	112	204	474
04:45 PM	13	25	32	70	44	54	5	103	34	28	40	102	43	63	87	193	468
Total	33	114	89	236	161	283	16	460	142	75	178	395	117	259	426	802	1893
05:00 PM	11	31	31	73	37	76	4	117	35	20	40	95	29	76	168	273	558
05:15 PM	5	12	34	51	37	73	5	115	46	23	36	105	44	56	150	250	521
05:30 PM	5	18	30	53	33	83	3	119	54	22	44	120	42	75	115	232	524
05:45 PM	8	19	22	49	41	57	7	105	53	23	37	113	45	58	95	198	465
Total	29	80	117	226	148	289	19	456	188	88	157	433	160	265	528	953	2068
06:00 PM	5	30	19	54	45	80	2	127	45	18	58	121	34	67	122	223	525
06:15 PM	8	32	26	66	40	72	9	121	40	22	56	118	35	57	114	206	511
Grand Total	75	256	251	582	394	724	46	1164	415	203	449	1067	346	648	1190	2184	4997
Apprch %	12.9	44	43.1		33.8	62.2	4		38.9	19	42.1		15.8	29.7	54.5		
Total %	1.5	5.1	5	11.6	7.9	14.5	0.9	23.3	8.3	4.1	9	21.4	6.9	13	23.8	43.7	

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**13**	25	32	70	**44**	54	**5**	103	34	**28**	40	102	43	63	87	193	468
05:00 PM	11	**31**	31	**73**	37	76	4	117	35	20	40	95	29	**76**	**168**	**273**	**558**
05:15 PM	5	12	**34**	51	37	73	5	115	46	23	36	105	**44**	56	150	250	521
05:30 PM	5	18	30	53	33	**83**	3	**119**	**54**	22	**44**	**120**	42	75	115	232	524
Total Volume	34	86	127	247	151	286	17	454	169	93	160	422	158	270	520	948	2071
% App. Total	13.8	34.8	51.4		33.3	63	3.7		40	22	37.9		16.7	28.5	54.9		
PHF	.654	.694	.934	.846	.858	.861	.850	.954	.782	.830	.909	.879	.898	.888	.774	.868	.928

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City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
Weather: Clear

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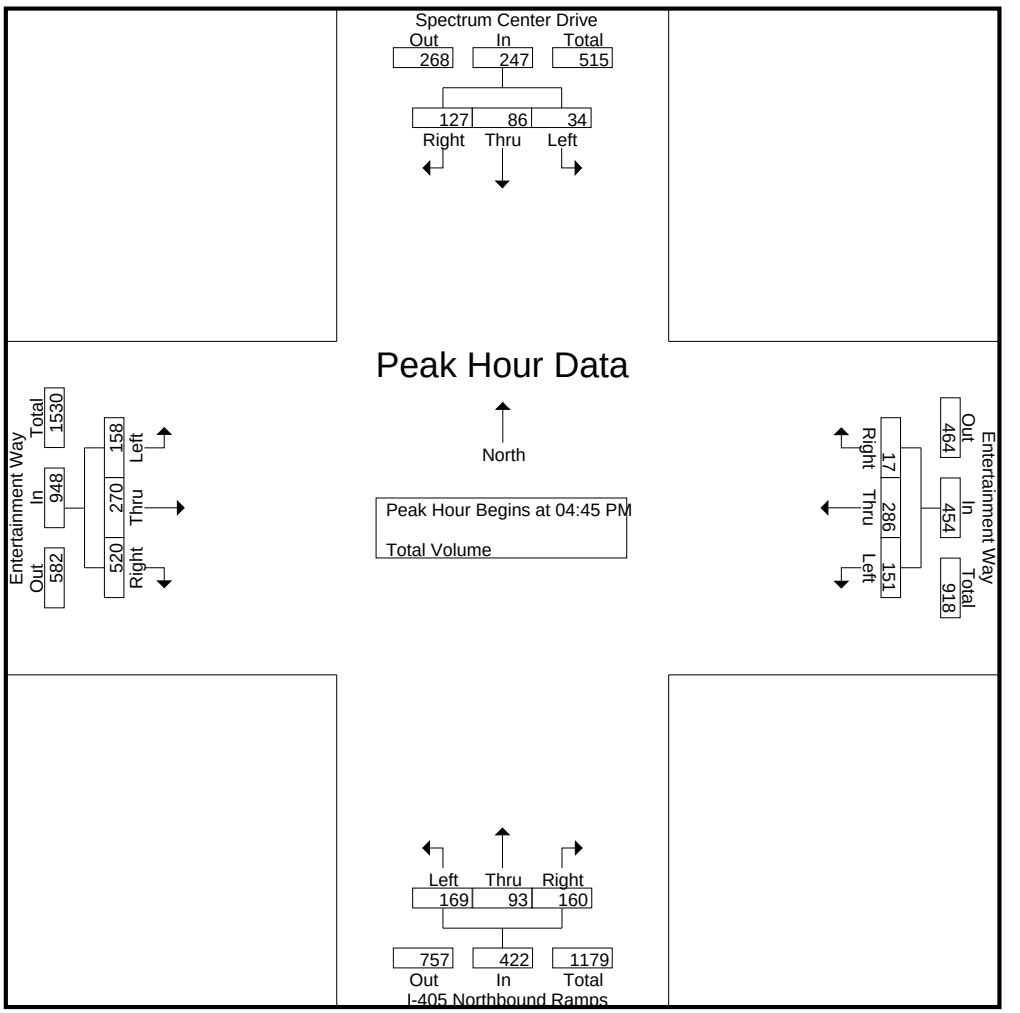

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				05:30 PM				05:30 PM				05:00 PM			
+0 mins.	5	29	19	53	33	**83**	3	119	**54**	22	44	120	29	**76**	**168**	**273**
+15 mins.	7	26	18	51	41	57	7	105	53	**23**	37	113	44	56	150	250
+30 mins.	**13**	25	**32**	70	**45**	80	2	**127**	45	18	**58**	**121**	42	75	115	232
+45 mins.	11	**31**	31	**73**	40	72	**9**	121	40	22	56	118	**45**	58	95	198
Total Volume	36	111	100	247	159	292	21	472	192	85	195	472	160	265	528	953
% App. Total	14.6	44.9	40.5		33.7	61.9	4.4		40.7	18	41.3		16.8	27.8	55.4	
PHF	.692	.895	.781	.846	.883	.880	.583	.929	.889	.924	.841	.975	.889	.872	.786	.873

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City of Irvine
N/S: Irvine Center Drive
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Weather: Clear

File Name : 357_IRV_Spec Ctr_Enter Thu AM
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Groups Printed- Total Volume

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	3	2	8	2	5	0	7	11	12	5	28	4	9	71	84	127
07:15 AM	2	3	1	6	0	4	0	4	16	17	5	38	2	5	89	96	144
07:30 AM	2	3	2	7	2	5	0	7	30	29	6	65	11	9	114	134	213
07:45 AM	1	4	1	6	3	8	0	11	51	31	12	94	5	16	95	116	227
Total	8	13	6	27	7	22	0	29	108	89	28	225	22	39	369	430	711
08:00 AM	1	3	3	7	5	8	1	14	37	28	12	77	16	21	123	160	258
08:15 AM	1	4	2	7	5	11	1	17	44	29	15	88	15	18	85	118	230
08:30 AM	5	2	2	9	2	9	1	12	53	37	19	109	15	32	90	137	267
08:45 AM	2	3	9	14	3	18	1	22	54	36	30	120	20	37	83	140	296
Total	9	12	16	37	15	46	4	65	188	130	76	394	66	108	381	555	1051
Grand Total	17	25	22	64	22	68	4	94	296	219	104	619	88	147	750	985	1762
Apprch %	26.6	39.1	34.4		23.4	72.3	4.3		47.8	35.4	16.8		8.9	14.9	76.1		
Total %	1	1.4	1.2	3.6	1.2	3.9	0.2	5.3	16.8	12.4	5.9	35.1	5	8.3	42.6	55.9	

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	3	3	7	**5**	8	**1**	14	37	28	12	77	16	21	**123**	**160**	258
08:15 AM	1	**4**	2	7	5	11	1	17	44	29	15	88	15	18	85	118	230
08:30 AM	**5**	2	2	9	2	9	1	12	53	**37**	19	109	15	32	90	137	267
08:45 AM	2	3	**9**	**14**	3	**18**	1	**22**	**54**	36	**30**	**120**	**20**	**37**	83	140	**296**
Total Volume	9	12	16	37	15	46	4	65	188	130	76	394	66	108	381	555	1051
% App. Total	24.3	32.4	43.2		23.1	70.8	6.2		47.7	33	19.3		11.9	19.5	68.6		
PHF	.450	.750	.444	.661	.750	.639	1.00	.739	.870	.878	.633	.821	.825	.730	.774	.867	.888

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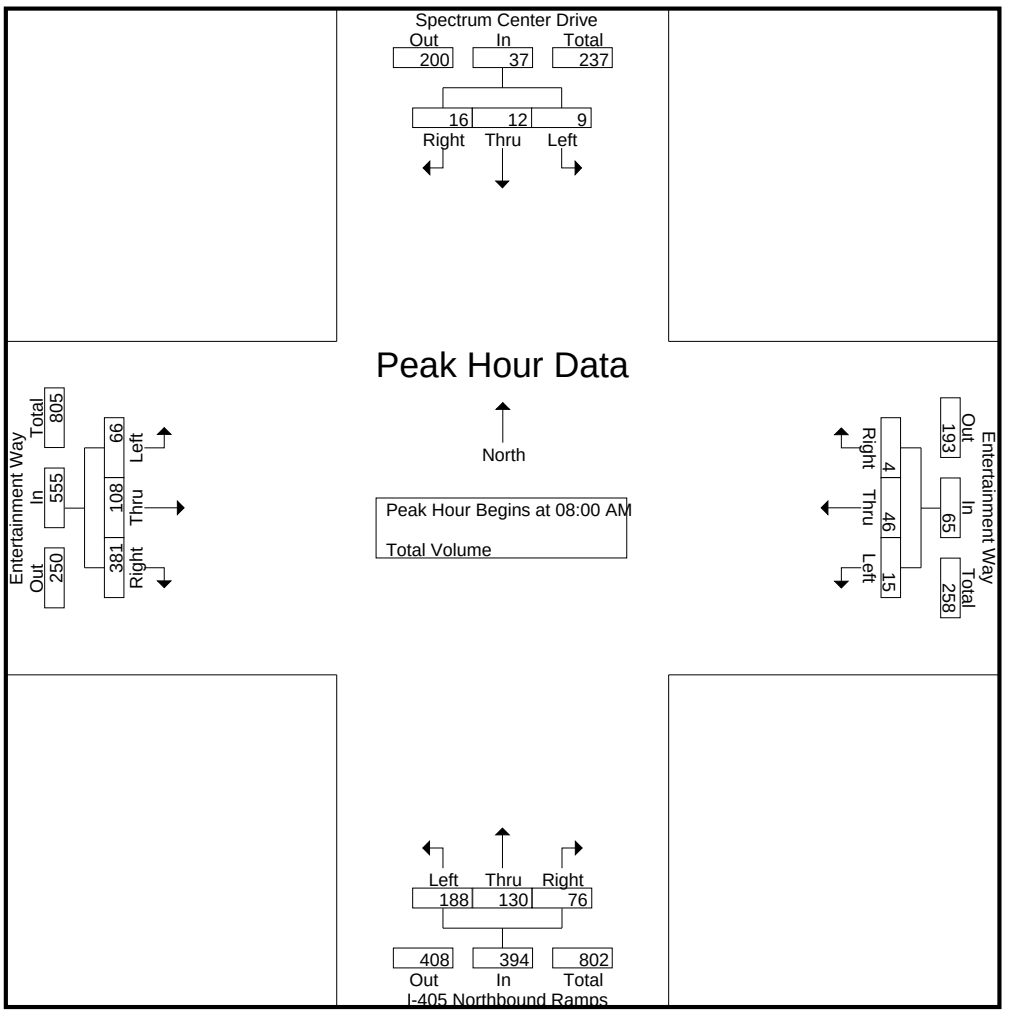

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	1	3	3	7	**5**	8	**1**	14	37	28	12	77	16	21	**123**	**160**
+15 mins.	1	**4**	2	7	5	11	1	17	44	29	15	88	15	18	85	118
+30 mins.	**5**	2	2	9	2	9	1	12	53	**37**	19	109	15	32	90	137
+45 mins.	2	3	**9**	**14**	3	**18**	1	**22**	**54**	36	**30**	**120**	**20**	**37**	83	140
Total Volume	9	12	16	37	15	46	4	65	188	130	76	394	66	108	381	555
% App. Total	24.3	32.4	43.2		23.1	70.8	6.2		47.7	33	19.3		11.9	19.5	68.6	
PHF	.450	.750	.444	.661	.750	.639	1.000	.739	.870	.878	.633	.821	.825	.730	.774	.867

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City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
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Groups Printed- Total Volume

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	3	20	20	43	29	82	4	115	30	19	29	78	29	84	123	236	472
04:15 PM	3	29	16	48	39	77	4	120	38	15	52	105	32	71	90	193	466
04:30 PM	7	21	20	48	44	71	3	118	39	20	44	103	22	93	107	222	491
04:45 PM	8	27	22	57	42	64	8	114	34	19	59	112	39	94	112	245	528
Total	21	97	78	196	154	294	19	467	141	73	184	398	122	342	432	896	1957
05:00 PM	7	31	34	72	31	78	2	111	39	15	54	108	50	89	139	278	569
05:15 PM	7	30	26	63	48	66	9	123	44	21	36	101	42	93	124	259	546
05:30 PM	11	27	29	67	44	60	7	111	47	21	50	118	48	73	97	218	514
05:45 PM	12	20	24	56	42	64	8	114	47	18	55	120	52	77	100	229	519
Total	37	108	113	258	165	268	26	459	177	75	195	447	192	332	460	984	2148
06:00 PM	2	21	24	47	48	78	9	135	37	19	51	107	37	65	128	230	519
06:15 PM	9	29	16	54	66	71	3	140	36	25	48	109	36	78	125	239	542
Grand Total	69	255	231	555	433	711	57	1201	391	192	478	1061	387	817	1145	2349	5166
Apprch %	12.4	45.9	41.6		36.1	59.2	4.7		36.9	18.1	45.1		16.5	34.8	48.7		
Total %	1.3	4.9	4.5	10.7	8.4	13.8	1.1	23.2	7.6	3.7	9.3	20.5	7.5	15.8	22.2	45.5	

	Spectrum Center Drive Southbound				Entertainment Way Westbound				I-405 Northbound Ramps Northbound				Entertainment Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	8	27	22	57	42	64	8	114	34	19	**59**	112	39	**94**	112	245	528
05:00 PM	7	**31**	**34**	**72**	31	**78**	2	111	39	15	54	108	**50**	89	**139**	**278**	**569**
05:15 PM	7	30	26	63	**48**	66	**9**	**123**	44	**21**	36	101	42	93	124	259	546
05:30 PM	**11**	27	29	67	44	60	7	111	**47**	21	50	**118**	48	73	97	218	514
Total Volume	33	115	111	259	165	268	26	459	164	76	199	439	179	349	472	1000	2157
% App. Total	12.7	44.4	42.9		35.9	58.4	5.7		37.4	17.3	45.3		17.9	34.9	47.2		
PHF	.750	.927	.816	.899	.859	.859	.722	.933	.872	.905	.843	.930	.895	.928	.849	.899	.948

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City of Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way
Weather: Clear

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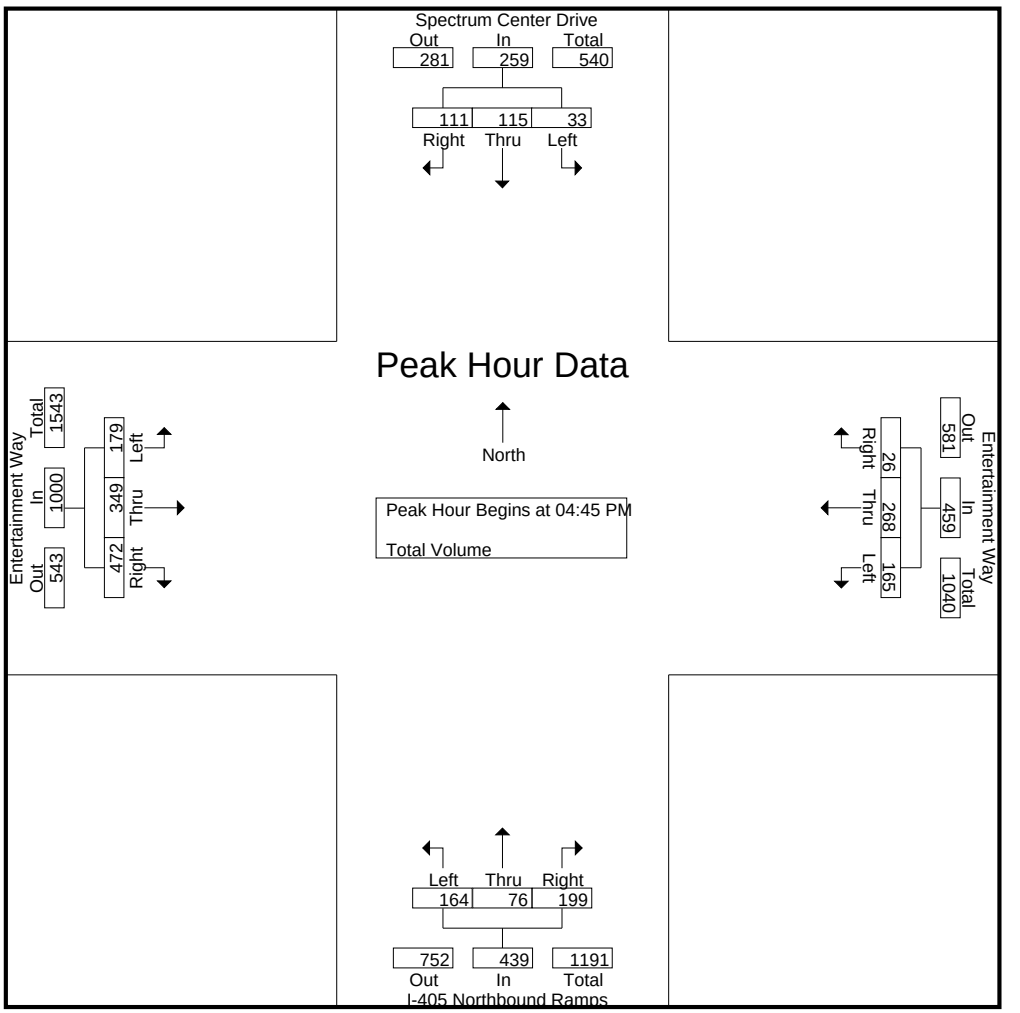

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:30 PM				05:30 PM				04:30 PM			
+0 mins.	8	27	22	57	44	60	7	111	**47**	21	50	118	22	93	107	222
+15 mins.	7	**31**	**34**	**72**	42	64	8	114	47	18	**55**	**120**	39	**94**	112	245
+30 mins.	7	30	26	63	48	**78**	**9**	135	37	19	51	107	**50**	89	**139**	**278**
+45 mins.	**11**	27	29	67	**66**	71	3	**140**	36	**25**	48	109	42	93	124	259
Total Volume	33	115	111	259	200	273	27	500	167	83	204	454	153	369	482	1004
% App. Total	12.7	44.4	42.9		40	54.6	5.4		36.8	18.3	44.9		15.2	36.8	48	
PHF	.750	.927	.816	.899	.758	.875	.750	.893	.888	.830	.927	.946	.765	.981	.867	.903

Location: Irvine
N/S: Spectrum Center Dr/I-405 NB Ramps
E/W: Entertainment Way

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Spectrum Center Drive	East Leg Entertainment Way	South Leg I-405 NB Ramps	West Leg Entertainment Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg Spectrum Center Drive	East Leg Entertainment Way	South Leg I-405 NB Ramps	West Leg Entertainment Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	1	0	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	1	0	0	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	2	0	0	0	2

Location: Irvine
N/S: Spectrum Center Dr/I-405 NB Ramps
E/W: Entertainment Way

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Spectrum Center Drive			Westbound Entertainment Way			Northbound I-405 NB Ramps			Eastbound Entertainment Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Spectrum Center Drive			Westbound Entertainment Way			Northbound I-405 NB Ramps			Eastbound Entertainment Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	0	0	0	0	0	0	0	0	1

Location: Irvine
N/S: Jamboree Road
E/W: I-5 NB Ramps

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Jamboree Road	East Leg I-5 NB Ramps	South Leg Jamboree Road	West Leg I-5 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	1	0	0	1	2
8:30 AM	0	0	0	0	0
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	2	0	0	1	3

	North Leg Jamboree Road	East Leg I-5 NB Ramps	South Leg Jamboree Road	West Leg I-5 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	1	0	0	0	1
4:45 PM	1	0	0	0	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	1	0	0	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	0	0	0	3

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Location: Irvine
N/S: Jamboree Road
E/W: I-5 NB Ramps

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Jamboree Road			Westbound I-5 NB Ramps			Northbound Jamboree Road			Eastbound I-5 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	0	0	1

	Southbound Jamboree Road			Westbound I-5 NB Ramps			Northbound Jamboree Road			Eastbound I-5 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	1	0	0	1

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City of Irvine
N/S: Irvine Center Drive
E/W: I-405 NB Ramps/ Entertainment Way
Weather: Clear

File Name : 358_IRV_ICD_Enter Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	60	0	61	10	0	17	27	0	175	85	260	0	0	0	0	348
07:15 AM	1	82	0	83	3	0	29	32	0	226	110	336	0	0	0	0	451
07:30 AM	2	86	0	88	8	0	39	47	0	265	130	395	0	0	0	0	530
07:45 AM	2	122	0	124	7	0	41	48	0	374	120	494	0	0	0	0	666
Total	6	350	0	356	28	0	126	154	0	1040	445	1485	0	0	0	0	1995
08:00 AM	1	104	0	105	7	0	37	44	0	394	152	546	0	0	0	0	695
08:15 AM	4	121	0	125	13	0	55	68	0	320	122	442	0	0	0	0	635
08:30 AM	1	145	0	146	20	0	47	67	0	355	128	483	0	0	0	0	696
08:45 AM	3	127	0	130	23	0	43	66	0	380	121	501	0	0	0	0	697
Total	9	497	0	506	63	0	182	245	0	1449	523	1972	0	0	0	0	2723
Grand Total	15	847	0	862	91	0	308	399	0	2489	968	3457	0	0	0	0	4718
Apprch %	1.7	98.3	0		22.8	0	77.2		0	72	28		0	0	0		
Total %	0.3	18	0	18.3	1.9	0	6.5	8.5	0	52.8	20.5	73.3	0	0	0	0	

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	104	0	105	7	0	37	44	0	**394**	**152**	**546**	0	0	0	0	695
08:15 AM	**4**	121	0	125	13	0	**55**	**68**	0	320	122	442	0	0	0	0	635
08:30 AM	1	**145**	0	**146**	20	0	47	67	0	355	128	483	0	0	0	0	696
08:45 AM	3	127	0	130	**23**	0	43	66	0	380	121	501	0	0	0	0	**697**
Total Volume	9	497	0	506	63	0	182	245	0	1449	523	1972	0	0	0	0	2723
% App. Total	1.8	98.2	0		25.7	0	74.3		0	73.5	26.5		0	0	0		
PHF	.563	.857	.000	.866	.685	.000	.827	.901	.000	.919	.860	.903	.000	.000	.000	.000	.977

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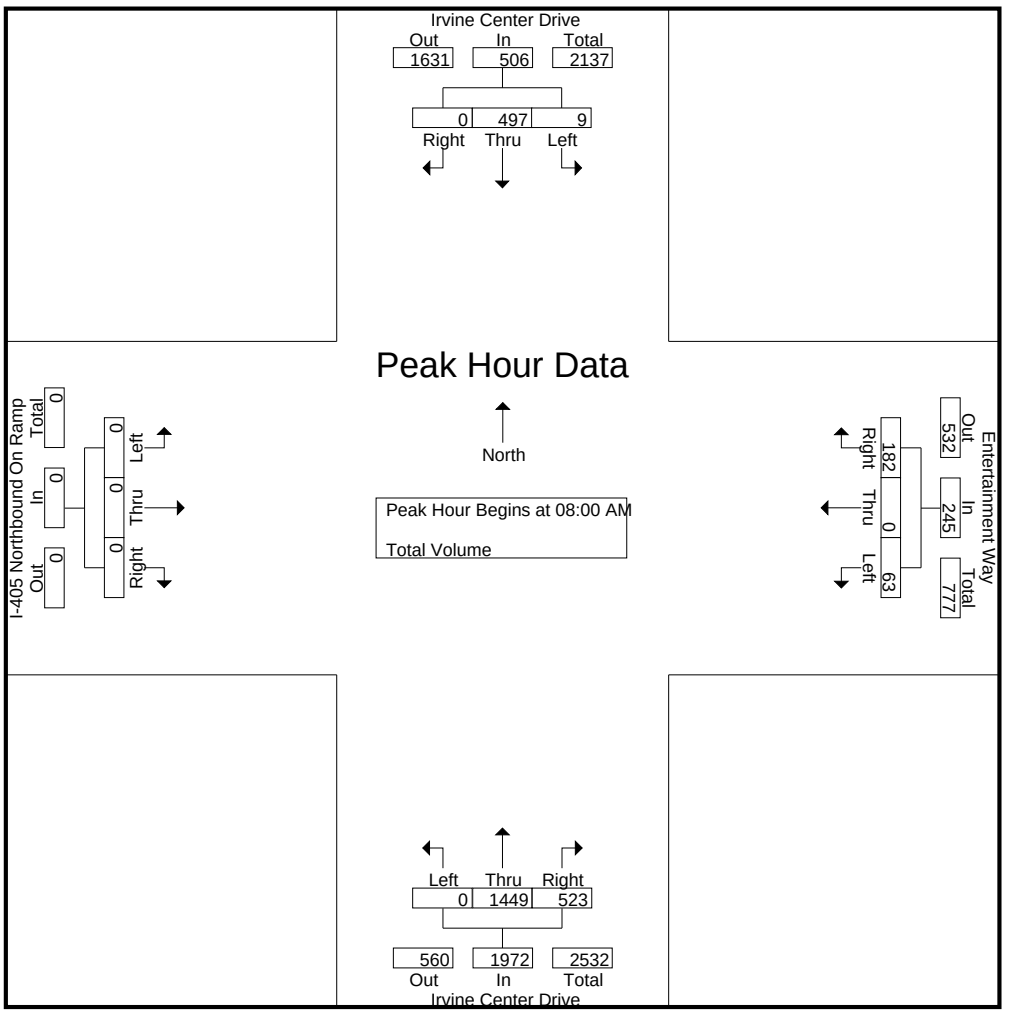
File Name : 358_IRV_ICD_Enter Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:00 AM			
+0 mins.	1	104	0	105	7	0	37	44	0	**394**	**152**	**546**	0	0	0	0
+15 mins.	**4**	121	0	125	13	0	**55**	**68**	0	320	122	442	0	0	0	0
+30 mins.	1	**145**	0	**146**	20	0	47	67	0	355	128	483	0	0	0	0
+45 mins.	3	127	0	130	**23**	0	43	66	0	380	121	501	0	0	0	0
Total Volume	9	497	0	506	63	0	182	245	0	1449	523	1972	0	0	0	0
% App. Total	1.8	98.2	0		25.7	0	74.3		0	73.5	26.5		0	0	0	
PHF	.563	.857	.000	.866	.685	.000	.827	.901	.000	.919	.860	.903	.000	.000	.000	.000

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Weather: Clear

File Name : 358_IRV_ICD_Enter Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	164	0	170	78	0	55	133	0	215	180	395	0	0	0	0	698
04:15 PM	15	209	0	224	76	0	51	127	0	225	191	416	0	0	0	0	767
04:30 PM	4	236	0	240	80	0	46	126	0	235	202	437	0	0	0	0	803
04:45 PM	10	246	0	256	74	0	54	128	0	207	177	384	0	0	0	0	768
Total	35	855	0	890	308	0	206	514	0	882	750	1632	0	0	0	0	3036
05:00 PM	14	302	0	316	89	0	55	144	0	291	263	554	0	0	0	0	1014
05:15 PM	10	320	0	330	88	0	66	154	0	264	231	495	0	0	0	0	979
05:30 PM	5	245	0	250	101	0	64	165	0	269	228	497	0	0	0	0	912
05:45 PM	7	233	0	240	76	0	58	134	0	249	188	437	0	0	0	0	811
Total	36	1100	0	1136	354	0	243	597	0	1073	910	1983	0	0	0	0	3716
06:00 PM	10	215	0	225	84	0	56	140	0	183	210	393	0	0	0	0	758
06:15 PM	8	202	0	210	80	0	57	137	0	214	188	402	0	0	0	0	749
Grand Total	89	2372	0	2461	826	0	562	1388	0	2352	2058	4410	0	0	0	0	8259
Apprch %	3.6	96.4	0		59.5	0	40.5		0	53.3	46.7		0	0	0		
Total %	1.1	28.7	0	29.8	10	0	6.8	16.8	0	28.5	24.9	53.4	0	0	0	0	

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**14**	302	0	316	89	0	55	144	0	**291**	**263**	**554**	0	0	0	0	**1014**
05:15 PM	10	**320**	0	**330**	88	0	**66**	154	0	264	231	495	0	0	0	0	979
05:30 PM	5	245	0	250	**101**	0	64	**165**	0	269	228	497	0	0	0	0	912
05:45 PM	7	233	0	240	76	0	58	134	0	249	188	437	0	0	0	0	811
Total Volume	36	1100	0	1136	354	0	243	597	0	1073	910	1983	0	0	0	0	3716
% App. Total	3.2	96.8	0		59.3	0	40.7		0	54.1	45.9		0	0	0		
PHF	.643	.859	.000	.861	.876	.000	.920	.905	.000	.922	.865	.895	.000	.000	.000	.000	.916

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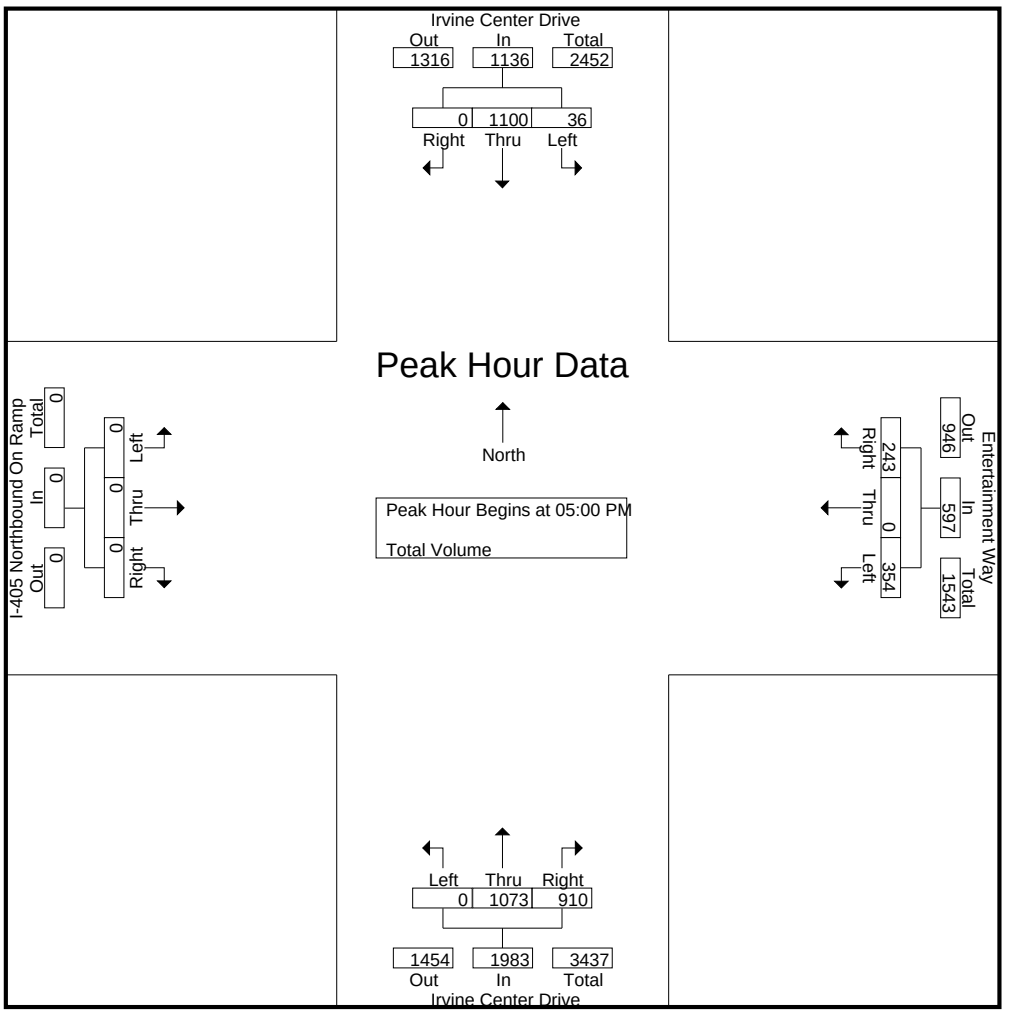
Weather: Clear

File Name : 358_IRV_ICD_Enter Tue PM
Site Code : 19224028
Start Date : 1/23/2024



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:00 PM				04:00 PM			
+0 mins.	10	246	0	256	89	0	55	144	0	**291**	**263**	**554**	0	0	0	0
+15 mins.	**14**	302	0	316	88	0	**66**	154	0	264	231	495	0	0	0	0
+30 mins.	10	**320**	0	**330**	**101**	0	64	**165**	0	269	228	497	0	0	0	0
+45 mins.	5	245	0	250	76	0	58	134	0	249	188	437	0	0	0	0
Total Volume	39	1113	0	1152	354	0	243	597	0	1073	910	1983	0	0	0	0
% App. Total	3.4	96.6	0		59.3	0	40.7		0	54.1	45.9		0	0	0	
PHF	.696	.870	.000	.873	.876	.000	.920	.905	.000	.922	.865	.895	.000	.000	.000	.000

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City of Irvine
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Weather: Clear

File Name : 358_IRV_ICD_Enter Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	75	0	76	6	0	12	18	0	170	87	257	0	0	0	0	351
07:15 AM	1	67	0	68	5	0	13	18	0	239	93	332	0	0	0	0	418
07:30 AM	1	102	0	103	7	0	28	35	0	237	134	371	0	0	0	0	509
07:45 AM	2	121	0	123	10	0	53	63	0	330	117	447	0	0	0	0	633
Total	5	365	0	370	28	0	106	134	0	976	431	1407	0	0	0	0	1911
08:00 AM	2	101	0	103	10	0	37	47	0	291	149	440	0	0	0	0	590
08:15 AM	5	117	0	122	15	0	40	55	0	310	113	423	0	0	0	0	600
08:30 AM	5	123	0	128	18	0	41	59	0	336	133	469	0	0	0	0	656
08:45 AM	4	130	0	134	22	0	60	82	0	305	135	440	0	0	0	0	656
Total	16	471	0	487	65	0	178	243	0	1242	530	1772	0	0	0	0	2502
Grand Total	21	836	0	857	93	0	284	377	0	2218	961	3179	0	0	0	0	4413
Apprch %	2.5	97.5	0		24.7	0	75.3		0	69.8	30.2		0	0	0		
Total %	0.5	18.9	0	19.4	2.1	0	6.4	8.5	0	50.3	21.8	72	0	0	0	0	

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	101	0	103	10	0	37	47	0	291	**149**	440	0	0	0	0	590
08:15 AM	**5**	117	0	122	15	0	40	55	0	310	113	423	0	0	0	0	600
08:30 AM	5	123	0	128	18	0	41	59	0	**336**	133	**469**	0	0	0	0	**656**
08:45 AM	4	**130**	0	**134**	**22**	0	**60**	**82**	0	305	135	440	0	0	0	0	656
Total Volume	16	471	0	487	65	0	178	243	0	1242	530	1772	0	0	0	0	2502
% App. Total	3.3	96.7	0		26.7	0	73.3		0	70.1	29.9		0	0	0		
PHF	.800	.906	.000	.909	.739	.000	.742	.741	.000	.924	.889	.945	.000	.000	.000	.000	.954

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City of Irvine
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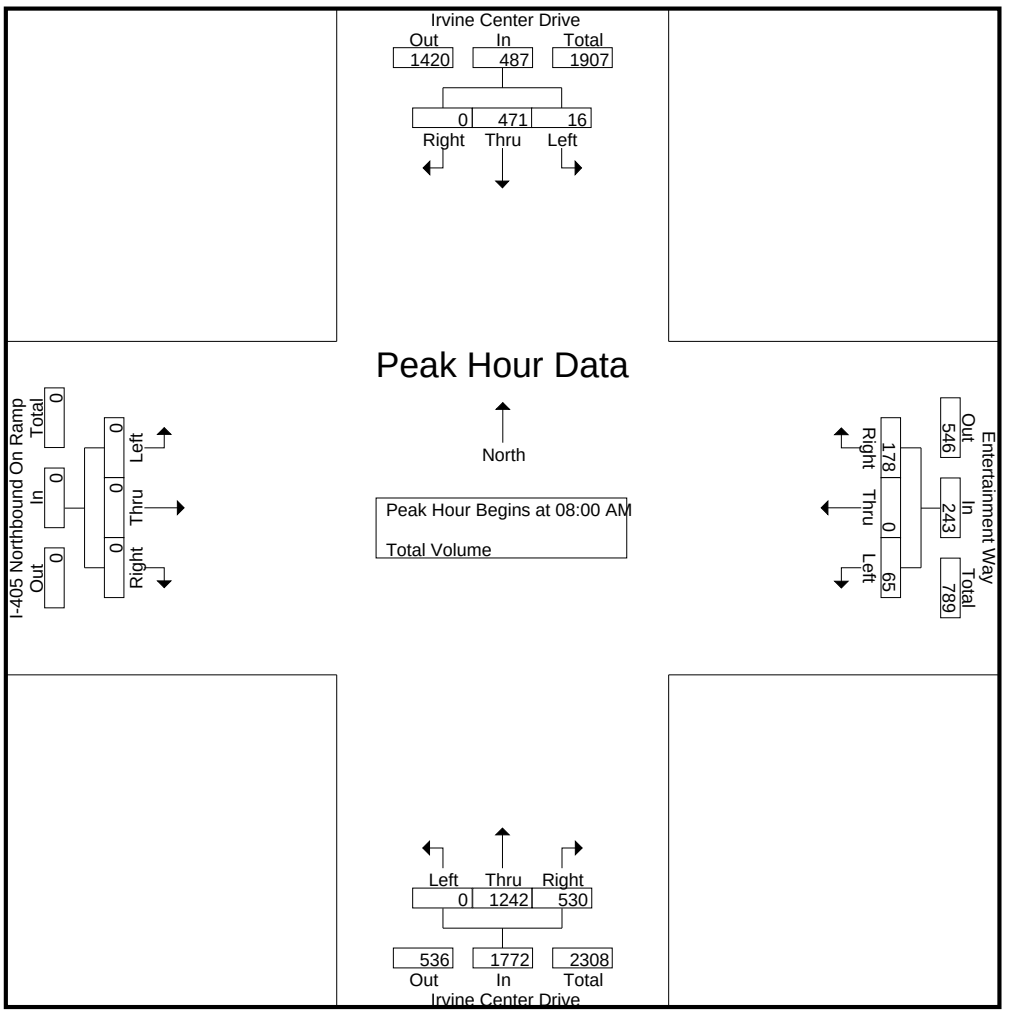
E/W: I-405 NB Ramps/ Entertainment Way
Weather: Clear

File Name : 358_IRV_ICD_Enter Thu AM
Site Code : 19224028
Start Date : 1/25/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				07:00 AM			
+0 mins.	2	101	0	103	10	0	37	47	0	330	117	447	0	0	0	0
+15 mins.	**5**	117	0	122	15	0	40	55	0	291	**149**	440	0	0	0	0
+30 mins.	5	123	0	128	18	0	41	59	0	310	113	423	0	0	0	0
+45 mins.	4	**130**	0	**134**	**22**	0	**60**	**82**	0	**336**	133	**469**	0	0	0	0
Total Volume	16	471	0	487	65	0	178	243	0	1267	512	1779	0	0	0	0
% App. Total	3.3	96.7	0		26.7	0	73.3		0	71.2	28.8		0	0	0	
PHF	.800	.906	.000	.909	.739	.000	.742	.741	.000	.943	.859	.948	.000	.000	.000	.000

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Weather: Clear

File Name : 358_IRV_ICD_Enter Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	9	159	0	168	84	0	47	131	0	221	228	449	0	0	0	0	748
04:15 PM	7	222	0	229	75	0	57	132	0	215	187	402	0	0	0	0	763
04:30 PM	12	225	0	237	72	0	57	129	0	215	214	429	0	0	0	0	795
04:45 PM	19	215	0	234	78	0	40	118	0	249	219	468	0	0	0	0	820
Total	47	821	0	868	309	0	201	510	0	900	848	1748	0	0	0	0	3126
05:00 PM	11	257	0	268	97	0	54	151	0	265	272	537	0	0	0	0	956
05:15 PM	5	266	0	271	84	0	55	139	0	281	254	535	0	0	0	0	945
05:30 PM	12	229	0	241	70	0	65	135	0	250	196	446	0	0	0	0	822
05:45 PM	11	203	0	214	93	0	43	136	0	223	216	439	0	0	0	0	789
Total	39	955	0	994	344	0	217	561	0	1019	938	1957	0	0	0	0	3512
06:00 PM	9	197	0	206	95	0	44	139	0	204	206	410	0	0	0	0	755
06:15 PM	12	186	0	198	71	0	53	124	0	179	233	412	0	0	0	0	734
Grand Total	107	2159	0	2266	819	0	515	1334	0	2302	2225	4527	0	0	0	0	8127
Apprch %	4.7	95.3	0		61.4	0	38.6		0	50.9	49.1		0	0	0		
Total %	1.3	26.6	0	27.9	10.1	0	6.3	16.4	0	28.3	27.4	55.7	0	0	0	0	

	Irvine Center Drive Southbound				Entertainment Way Westbound				Irvine Center Drive Northbound				I-405 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**19**	215	0	234	78	0	40	118	0	249	219	468	0	0	0	0	820
05:00 PM	11	257	0	268	**97**	0	54	**151**	0	265	**272**	**537**	0	0	0	0	**956**
05:15 PM	5	**266**	0	**271**	84	0	55	139	0	**281**	254	535	0	0	0	0	945
05:30 PM	12	229	0	241	70	0	**65**	135	0	250	196	446	0	0	0	0	822
Total Volume	47	967	0	1014	329	0	214	543	0	1045	941	1986	0	0	0	0	3543
% App. Total	4.6	95.4	0		60.6	0	39.4		0	52.6	47.4		0	0	0		
PHF	.618	.909	.000	.935	.848	.000	.823	.899	.000	.930	.865	.925	.000	.000	.000	.000	.927

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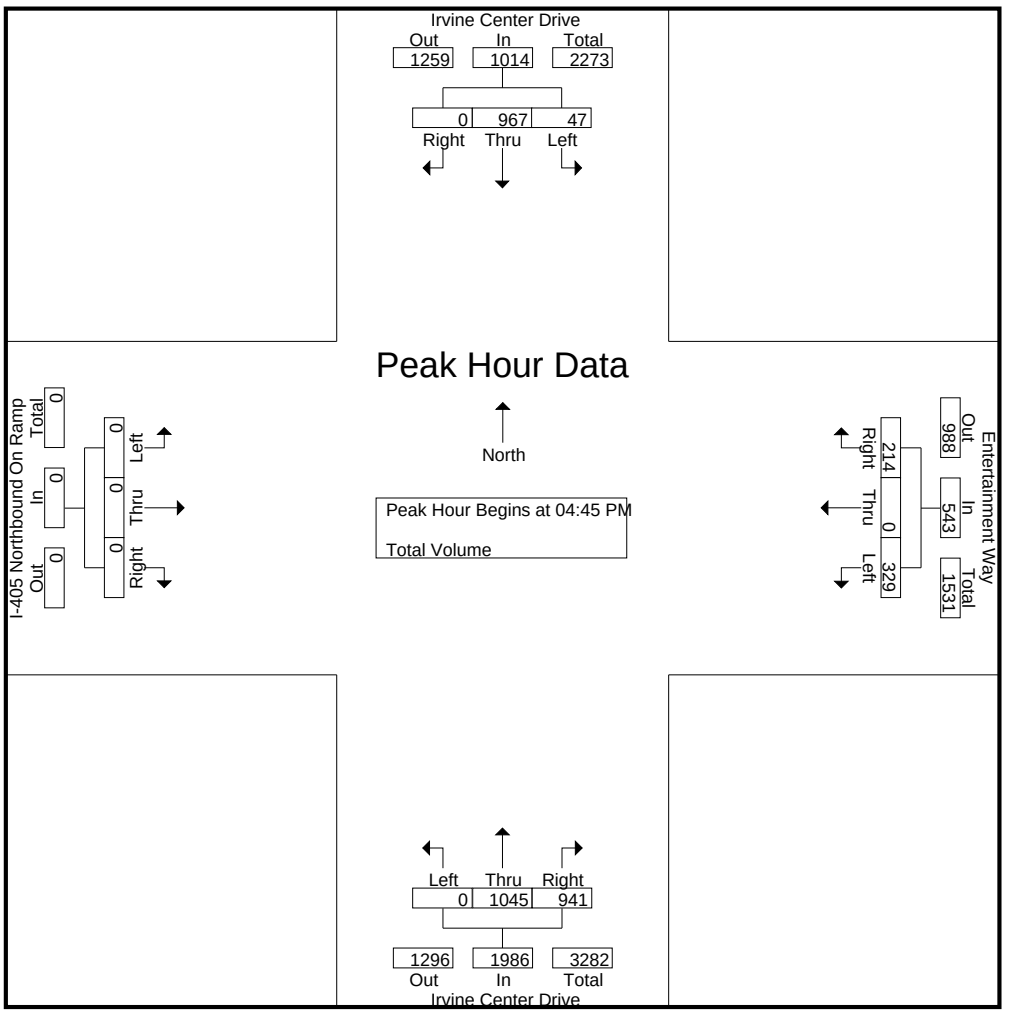
Site Code : 19224028
Start Date : 1/25/2024



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				04:45 PM				04:00 PM			
+0 mins.	**19**	215	0	234	**97**	0	54	**151**	0	249	219	468	0	0	0	0
+15 mins.	11	257	0	268	84	0	55	139	0	265	**272**	**537**	0	0	0	0
+30 mins.	5	**266**	0	**271**	70	0	**65**	135	0	**281**	254	535	0	0	0	0
+45 mins.	12	229	0	241	93	0	43	136	0	250	196	446	0	0	0	0
Total Volume	47	967	0	1014	344	0	217	561	0	1045	941	1986	0	0	0	0
% App. Total	4.6	95.4	0		61.3	0	38.7		0	52.6	47.4		0	0	0	
PHF	.618	.909	.000	.935	.887	.000	.835	.929	.000	.930	.865	.925	.000	.000	.000	.000

Location: Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Entertainment Way	South Leg Irvine Center Drive	West Leg I-405 NB Ramp	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	1	0	2	3
7:45 AM	0	1	0	1	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	2	0	2	4
8:45 AM	0	0	0	3	3
TOTAL VOLUMES:	0	4	0	8	12

	North Leg Irvine Center Drive	East Leg Entertainment Way	South Leg Irvine Center Drive	West Leg I-405 NB Ramp	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	2	2
4:15 PM	0	1	0	0	1
4:30 PM	0	1	0	1	2
4:45 PM	0	2	0	0	2
5:00 PM	0	1	0	1	2
5:15 PM	0	1	0	0	1
5:30 PM	0	0	0	1	1
5:45 PM	0	0	0	3	3
6:00 PM	0	0	0	2	2
6:15 PM	0	0	0	3	3
TOTAL VOLUMES:	0	6	0	13	19

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Irvine Center Drive
E/W: Entertainment Way

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Entertainment Way			Northbound Irvine Center Drive			Eastbound I-405 NB Ramp			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	3	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	3	0	0	0	0	0	9	0	0	0	0	12

	Southbound Irvine Center Drive			Westbound Entertainment Way			Northbound Irvine Center Drive			Eastbound I-405 NB Ramp			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
4:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	2	0	0	0	0	0	1	0	0	0	0	3
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	0	0	1	0	5	0	0	0	0	11

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Jamboree Road
E/W: I-5 NB Ramps

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Jamboree Road	East Leg I-5 NB Ramps	South Leg Jamboree Road	West Leg I-405 NB Ramp	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	2	2
7:45 AM	0	4	0	1	5
8:00 AM	0	0	0	1	1
8:15 AM	0	1	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	1	0	2	3
TOTAL VOLUMES:	0	6	0	6	12

	North Leg Jamboree Road	East Leg I-5 NB Ramps	South Leg Jamboree Road	West Leg I-405 NB Ramp	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	1	2
4:15 PM	0	1	0	1	2
4:30 PM	0	6	0	1	7
4:45 PM	0	2	0	0	2
5:00 PM	0	1	0	1	2
5:15 PM	0	1	0	2	3
5:30 PM	0	0	0	1	1
5:45 PM	0	1	0	0	1
6:00 PM	0	1	0	1	2
6:15 PM	0	0	0	1	1
TOTAL VOLUMES:	0	14	0	9	23

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Jamboree Road
E/W: I-5 NB Ramps

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Jamboree Road			Westbound I-5 NB Ramps			Northbound Jamboree Road			Eastbound I-405 NB Ramp			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	0	0	2	0	0	0	0	4

	Southbound Jamboree Road			Westbound I-5 NB Ramps			Northbound Jamboree Road			Eastbound I-405 NB Ramp			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	3	0	0	0	0	4

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(951) 268-6268

City of Irvine
N/S: Irvine Center Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 359_IRV_IC_405S AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				I-405 Southbound On Ramp Westbound				Irvine Center Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	50	0	50	0	0	0	0	0	166	14	180	96	0	126	222	452
07:15 AM	0	56	0	56	0	0	0	0	0	243	23	266	112	0	119	231	553
07:30 AM	0	63	0	63	0	0	0	0	0	270	23	293	124	0	167	291	647
07:45 AM	0	82	0	82	0	0	0	0	0	324	29	353	175	0	204	379	814
Total	0	251	0	251	0	0	0	0	0	1003	89	1092	507	0	616	1123	2466
08:00 AM	0	94	0	94	0	0	0	0	0	335	22	357	198	0	195	393	844
08:15 AM	0	106	0	106	0	0	0	0	0	277	25	302	173	0	258	431	839
08:30 AM	0	125	0	125	0	0	0	0	0	293	21	314	181	0	217	398	837
08:45 AM	0	108	0	108	0	0	0	0	0	283	22	305	207	0	227	434	847
Total	0	433	0	433	0	0	0	0	0	1188	90	1278	759	0	897	1656	3367
Grand Total	0	684	0	684	0	0	0	0	0	2191	179	2370	1266	0	1513	2779	5833
Apprch %	0	100	0		0	0	0		0	92.4	7.6		45.6	0	54.4		
Total %	0	11.7	0	11.7	0	0	0	0	0	37.6	3.1	40.6	21.7	0	25.9	47.6	

	Irvine Center Drive Southbound				I-405 Southbound On Ramp Westbound				Irvine Center Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	94	0	94	0	0	0	0	0	**335**	22	**357**	198	0	195	393	844
08:15 AM	0	106	0	106	0	0	0	0	0	277	**25**	302	173	0	**258**	431	839
08:30 AM	0	**125**	0	**125**	0	0	0	0	0	293	21	314	181	0	217	398	837
08:45 AM	0	108	0	108	0	0	0	0	0	283	22	305	**207**	0	227	**434**	**847**
Total Volume	0	433	0	433	0	0	0	0	0	1188	90	1278	759	0	897	1656	3367
% App. Total	0	100	0		0	0	0		0	93	7		45.8	0	54.2		
PHF	.000	.866	.000	.866	.000	.000	.000	.000	.000	.887	.900	.895	.917	.000	.869	.954	.994

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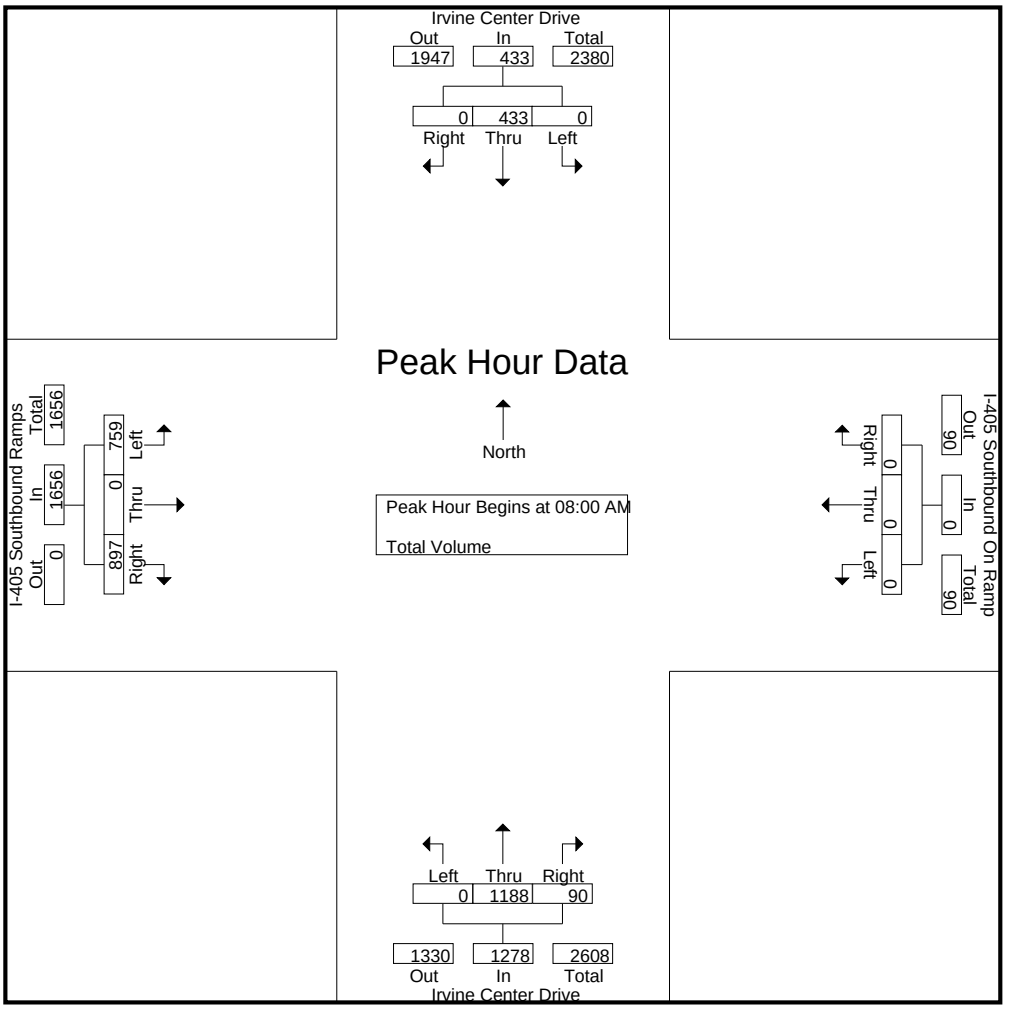
City of Irvine
N/S: Irvine Center Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 359_IRV_IC_405S AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:00 AM				07:45 AM				08:00 AM			
+0 mins.	0	94	0	94	0	0	0	0	0	324	**29**	353	198	0	195	393
+15 mins.	0	106	0	106	0	0	0	0	0	**335**	22	**357**	173	0	**258**	431
+30 mins.	0	**125**	0	**125**	0	0	0	0	0	277	25	302	181	0	217	398
+45 mins.	0	108	0	108	0	0	0	0	0	293	21	314	**207**	0	227	**434**
Total Volume	0	433	0	433	0	0	0	0	0	1229	97	1326	759	0	897	1656
% App. Total	0	100	0		0	0	0		0	92.7	7.3		45.8	0	54.2	
PHF	.000	.866	.000	.866	.000	.000	.000	.000	.000	.917	.836	.929	.917	.000	.869	.954

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City of Irvine
N/S: Irvine Center Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 359_IRV_IC_405S PM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				I-405 Southbound On Ramp Westbound				Irvine Center Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	180	0	180	0	0	0	0	0	300	14	314	98	0	148	246	740
04:15 PM	0	184	0	184	0	0	0	0	0	316	18	334	108	0	171	279	797
04:30 PM	0	220	0	220	0	0	0	0	0	338	31	369	96	0	153	249	838
04:45 PM	0	224	0	224	0	0	0	0	0	291	32	323	104	0	149	253	800
Total	0	808	0	808	0	0	0	0	0	1245	95	1340	406	0	621	1027	3175
05:00 PM	0	264	0	264	0	0	0	0	0	475	26	501	89	0	155	244	1009
05:15 PM	0	288	0	288	0	0	0	0	0	387	17	404	105	0	191	296	988
05:30 PM	0	239	0	239	0	0	0	0	0	388	25	413	110	0	206	316	968
05:45 PM	0	234	0	234	0	0	0	0	0	276	22	298	138	0	182	320	852
Total	0	1025	0	1025	0	0	0	0	0	1526	90	1616	442	0	734	1176	3817
Grand Total	0	1833	0	1833	0	0	0	0	0	2771	185	2956	848	0	1355	2203	6992
Apprch %	0	100	0		0	0	0		0	93.7	6.3		38.5	0	61.5		
Total %	0	26.2	0	26.2	0	0	0	0	0	39.6	2.6	42.3	12.1	0	19.4	31.5	

	Irvine Center Drive Southbound				I-405 Southbound On Ramp Westbound				Irvine Center Drive Northbound				I-405 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	264	0	264	0	0	0	0	0	**475**	**26**	**501**	89	0	155	244	**1009**
05:15 PM	0	**288**	0	**288**	0	0	0	0	0	387	17	404	105	0	191	296	988
05:30 PM	0	239	0	239	0	0	0	0	0	388	25	413	110	0	**206**	316	968
05:45 PM	0	234	0	234	0	0	0	0	0	276	22	298	**138**	0	182	**320**	852
Total Volume	0	1025	0	1025	0	0	0	0	0	1526	90	1616	442	0	734	1176	3817
% App. Total	0	100	0		0	0	0		0	94.4	5.6		37.6	0	62.4		
PHF	.000	.890	.000	.890	.000	.000	.000	.000	.000	.803	.865	.806	.801	.000	.891	.919	.946

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PO Box 1178
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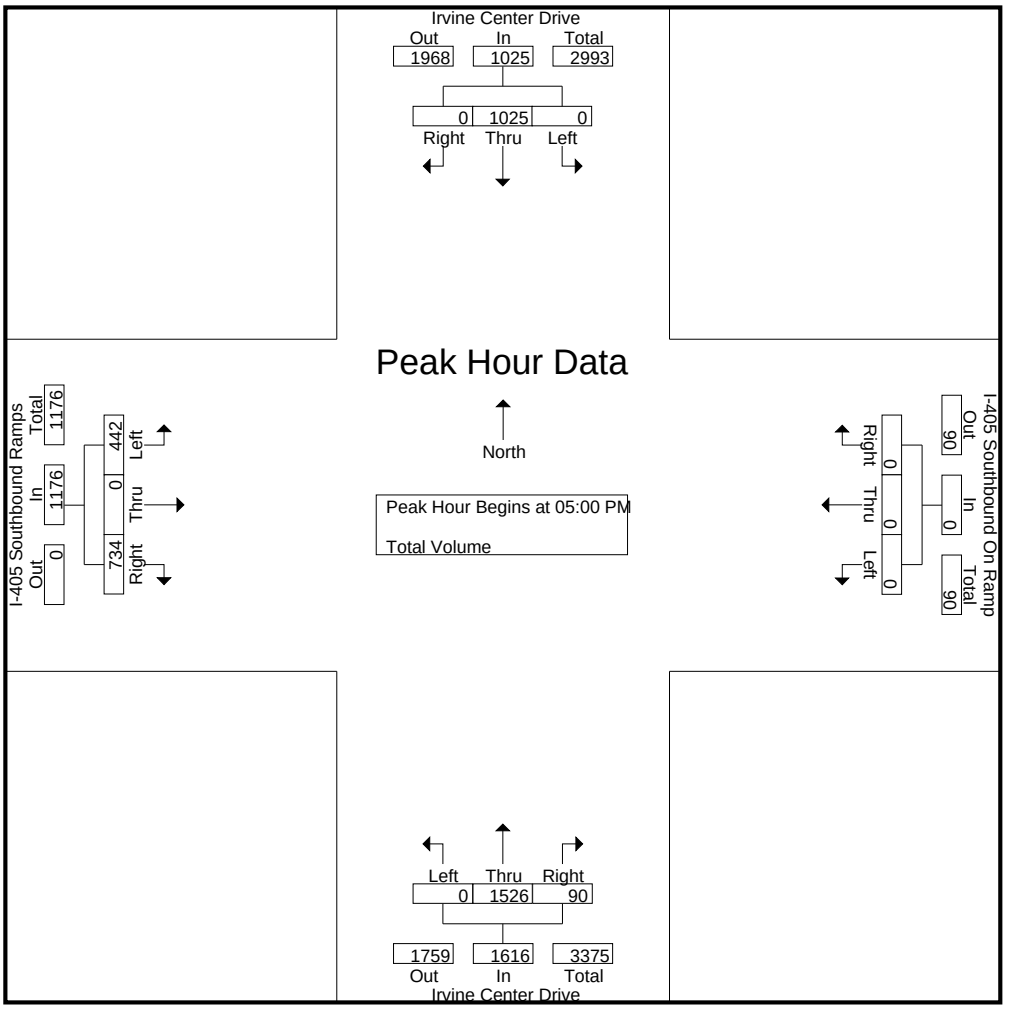
City of Irvine
N/S: Irvine Center Drive
E/W: I-405 Southbound Ramps
Weather: Clear

File Name : 359_IRV_IC_405S PM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	0	264	0	264	0	0	0	0	0	291	**32**	323	89	0	155	244
+15 mins.	0	**288**	0	**288**	0	0	0	0	0	**475**	26	**501**	105	0	191	296
+30 mins.	0	239	0	239	0	0	0	0	0	387	17	404	110	0	**206**	316
+45 mins.	0	234	0	234	0	0	0	0	0	388	25	413	**138**	0	182	**320**
Total Volume	0	1025	0	1025	0	0	0	0	0	1541	100	1641	442	0	734	1176
% App. Total	0	100	0		0	0	0		0	93.9	6.1		37.6	0	62.4	
PHF	.000	.890	.000	.890	.000	.000	.000	.000	.000	.811	.781	.819	.801	.000	.891	.919

Location: Irvine
N/S: Irvine Center Drive
E/W: I-405 SB Ramps

ITAM: 341
Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg I-405 SB Ramps	South Leg Irvine Center Drive	West Leg I-405 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	0	0	0	1	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	3	3
8:15 AM	0	0	0	3	3
8:30 AM	0	0	0	2	2
8:45 AM	0	0	0	3	3
TOTAL VOLUMES:	0	0	0	13	13

	North Leg Irvine Center Drive	East Leg I-405 SB Ramps	South Leg Irvine Center Drive	West Leg I-405 SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	2	2
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	3	3
5:30 PM	0	0	2	3	5
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	2	8	10

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Irvine Center Drive
E/W: I-405 SB Ramps

ITAM: 341
Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound I-405 SB Ramps			Northbound Irvine Center Drive			Eastbound I-405 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
TOTAL VOLUMES:	0	3	0	0	0	0	0	4	0	0	0	0	7

	Southbound Irvine Center Drive			Westbound I-405 SB Ramps			Northbound Irvine Center Drive			Eastbound I-405 SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	0	0	0	1	0	0	0	0	4

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City of Irvine
N/S: Bake Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 361_LKF_Bake_Por AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Portola Parkway Westbound				Bake Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	16	34	32	82	43	59	2	104	11	27	27	65	12	77	8	97	348
07:15 AM	16	38	43	97	57	102	5	164	8	27	34	69	17	77	19	113	443
07:30 AM	13	50	47	110	49	89	8	146	7	50	41	98	41	96	10	147	501
07:45 AM	41	77	62	180	70	117	23	210	17	69	23	109	99	93	22	214	713
Total	86	199	184	469	219	367	38	624	43	173	125	341	169	343	59	571	2005
08:00 AM	50	92	87	229	83	130	21	234	9	78	20	107	68	120	16	204	774
08:15 AM	44	134	83	261	42	121	13	176	10	48	29	87	51	103	17	171	695
08:30 AM	20	52	55	127	74	171	7	252	12	27	34	73	31	85	11	127	579
08:45 AM	12	48	37	97	64	92	6	162	22	23	32	77	19	74	13	106	442
Total	126	326	262	714	263	514	47	824	53	176	115	344	169	382	57	608	2490
Grand Total	212	525	446	1183	482	881	85	1448	96	349	240	685	338	725	116	1179	4495
Apprch %	17.9	44.4	37.7		33.3	60.8	5.9		14	50.9	35		28.7	61.5	9.8		
Total %	4.7	11.7	9.9	26.3	10.7	19.6	1.9	32.2	2.1	7.8	5.3	15.2	7.5	16.1	2.6	26.2	

	Bake Parkway Southbound				Portola Parkway Westbound				Bake Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	41	77	62	180	70	117	**23**	210	**17**	69	23	**109**	**99**	93	**22**	**214**	713
08:00 AM	**50**	92	**87**	229	**83**	130	21	234	9	**78**	20	107	68	**120**	16	204	**774**
08:15 AM	44	**134**	83	**261**	42	121	13	176	10	48	29	87	51	103	17	171	695
08:30 AM	20	52	55	127	74	**171**	7	**252**	12	27	**34**	73	31	85	11	127	579
Total Volume	155	355	287	797	269	539	64	872	48	222	106	376	249	401	66	716	2761
% App. Total	19.4	44.5	36		30.8	61.8	7.3		12.8	59	28.2		34.8	56	9.2		
PHF	.775	.662	.825	.763	.810	.788	.696	.865	.706	.712	.779	.862	.629	.835	.750	.836	.892

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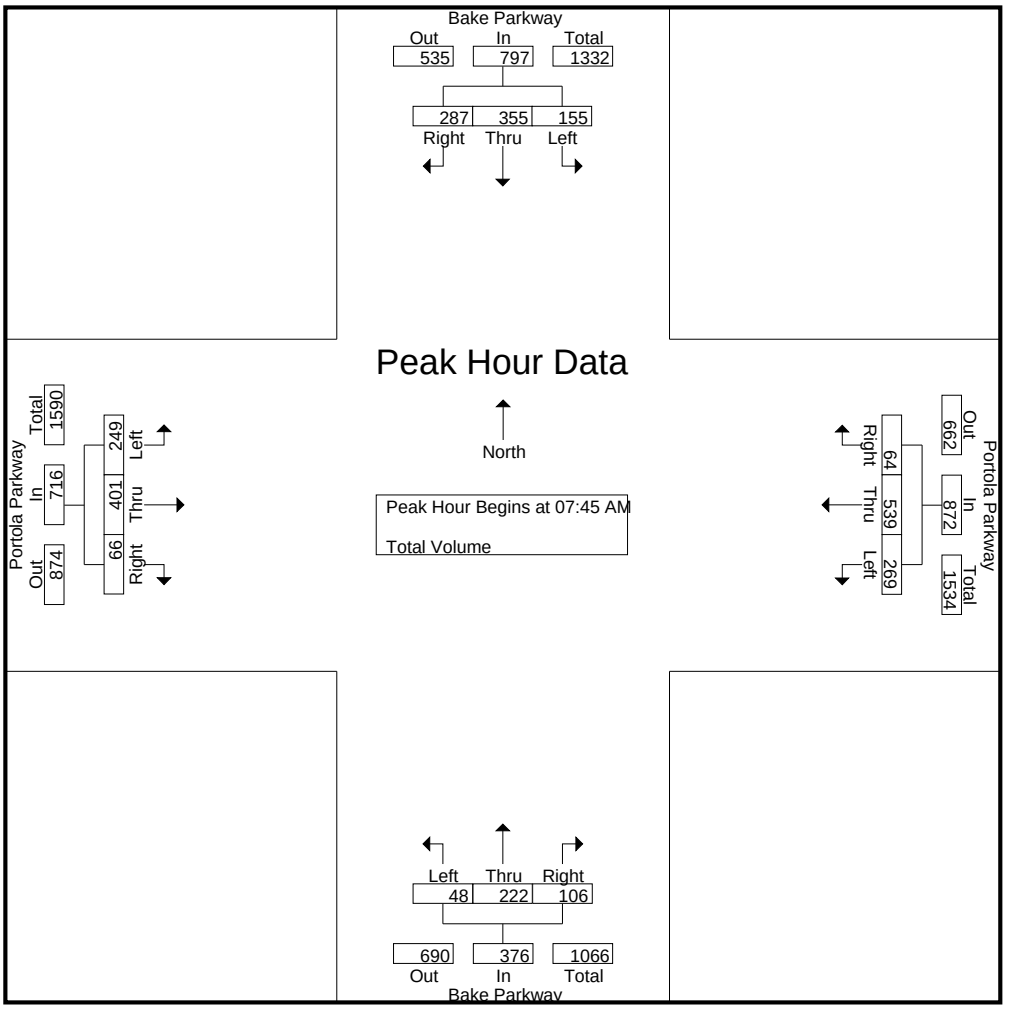
City of Irvine
N/S: Bake Parkway
E/W: Portola Parkway
Weather: Clear

File Name : 361_LKF_Bake_Por AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	41	77	62	180	70	117	**23**	210	7	50	**41**	98	41	96	10	147
+15 mins.	**50**	92	**87**	229	**83**	130	21	234	**17**	69	23	**109**	**99**	93	**22**	**214**
+30 mins.	44	**134**	83	**261**	42	121	13	176	9	**78**	20	107	68	**120**	16	204
+45 mins.	20	52	55	127	74	**171**	7	**252**	10	48	29	87	51	103	17	171
Total Volume	155	355	287	797	269	539	64	872	43	245	113	401	259	412	65	736
% App. Total	19.4	44.5	36		30.8	61.8	7.3		10.7	61.1	28.2		35.2	56	8.8	
PHF	.775	.662	.825	.763	.810	.788	.696	.865	.632	.785	.689	.920	.654	.858	.739	.860

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City of Irvine
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File Name : 361_LKF_Bake_Por PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Portola Parkway Westbound				Bake Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	60	40	144	77	136	8	221	33	49	60	142	38	139	19	196	703
04:15 PM	27	63	38	128	54	132	8	194	39	36	43	118	40	127	18	185	625
04:30 PM	35	53	42	130	68	120	11	199	23	39	53	115	55	124	15	194	638
04:45 PM	33	37	46	116	64	133	5	202	39	53	57	149	45	106	22	173	640
Total	139	213	166	518	263	521	32	816	134	177	213	524	178	496	74	748	2606
05:00 PM	39	46	35	120	69	148	10	227	37	45	53	135	55	151	25	231	713
05:15 PM	31	45	35	111	74	139	8	221	38	42	47	127	40	149	23	212	671
05:30 PM	43	57	48	148	82	168	10	260	35	45	69	149	53	157	17	227	784
05:45 PM	36	44	29	109	66	148	2	216	39	55	64	158	52	168	16	236	719
Total	149	192	147	488	291	603	30	924	149	187	233	569	200	625	81	906	2887
Grand Total	288	405	313	1006	554	1124	62	1740	283	364	446	1093	378	1121	155	1654	5493
Apprch %	28.6	40.3	31.1		31.8	64.6	3.6		25.9	33.3	40.8		22.9	67.8	9.4		
Total %	5.2	7.4	5.7	18.3	10.1	20.5	1.1	31.7	5.2	6.6	8.1	19.9	6.9	20.4	2.8	30.1	

	Bake Parkway Southbound				Portola Parkway Westbound				Bake Parkway Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	39	46	35	120	69	148	**10**	227	37	45	53	135	**55**	151	**25**	231	713
05:15 PM	31	45	35	111	74	139	8	221	38	42	47	127	40	149	23	212	671
05:30 PM	**43**	**57**	**48**	**148**	**82**	**168**	10	**260**	35	45	**69**	149	53	157	17	227	**784**
05:45 PM	36	44	29	109	66	148	2	216	**39**	**55**	64	**158**	52	**168**	16	**236**	719
Total Volume	149	192	147	488	291	603	30	924	149	187	233	569	200	625	81	906	2887
% App. Total	30.5	39.3	30.1		31.5	65.3	3.2		26.2	32.9	40.9		22.1	69	8.9		
PHF	.866	.842	.766	.824	.887	.897	.750	.888	.955	.850	.844	.900	.909	.930	.810	.960	.921

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City of Irvine
N/S: Bake Parkway
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File Name : 361_LKF_Bake_Por PM
Site Code : 05124139
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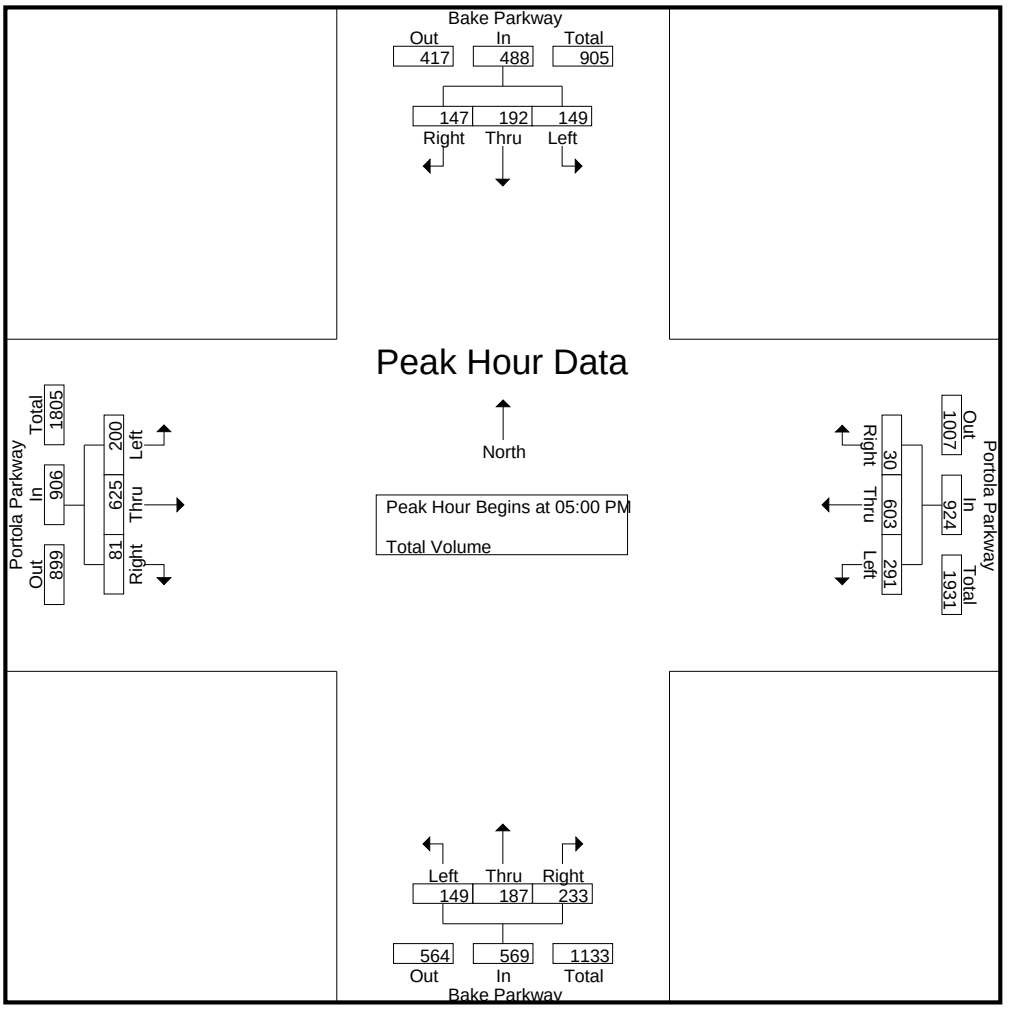

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	**44**	60	40	**144**	69	148	**10**	227	37	45	53	135	**55**	151	**25**	231
+15 mins.	27	**63**	38	128	74	139	8	221	38	42	47	127	40	149	23	212
+30 mins.	35	53	42	130	**82**	**168**	10	**260**	35	45	**69**	149	53	157	17	227
+45 mins.	33	37	**46**	116	66	148	2	216	**39**	**55**	64	**158**	52	**168**	16	**236**
Total Volume	139	213	166	518	291	603	30	924	149	187	233	569	200	625	81	906
% App. Total	26.8	41.1	32		31.5	65.3	3.2		26.2	32.9	40.9		22.1	69	8.9	
PHF	.790	.845	.902	.899	.887	.897	.750	.888	.955	.850	.844	.900	.909	.930	.810	.960

Location: Lake Forest
N/S: Bake Parkway
E/W: Portola Parkway

ITAM: 361
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Bake Parkway	East Leg Portola Parkway	South Leg Bake Parkway	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	1	0	2	0	3
7:30 AM	1	0	2	0	3
7:45 AM	0	0	3	2	5
8:00 AM	0	0	1	1	2
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	2	0	10	4	16

	North Leg Bake Parkway	East Leg Portola Parkway	South Leg Bake Parkway	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	5	0	5
4:15 PM	1	3	0	1	5
4:30 PM	0	0	0	0	0
4:45 PM	4	1	0	0	5
5:00 PM	3	1	0	0	4
5:15 PM	1	0	0	0	1
5:30 PM	1	1	1	1	4
5:45 PM	0	0	1	1	2
TOTAL VOLUMES:	10	6	7	3	26

Location: Lake Forest
N/S: Bake Parkway
E/W: Portola Parkway

ITAM: 361
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Bake Parkway			Westbound Portola Parkway			Northbound Bake Parkway			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	5	0	0	0	0	0	0	0	5
8:45 AM	0	1	0	0	0	1	0	0	0	0	3	0	5
TOTAL VOLUMES:	0	2	0	0	5	1	0	0	0	0	6	0	14

	Southbound Bake Parkway			Westbound Portola Parkway			Northbound Bake Parkway			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	1	0	0	0	0	2	0	3
4:15 PM	0	0	1	0	0	4	0	0	0	0	2	0	7
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	0	10	0	0	0	0	5	0	16

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City of Irvine
N/S: Bake Parkway
E/W: Irvine Boulevard/Trabuco Road
Weather: Clear

File Name : 362_LKF_Bake_Trab AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Trabuco Road Westbound				Bake Parkway Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	158	6	169	126	68	24	218	53	241	19	313	33	33	44	110	810
07:15 AM	11	180	7	198	110	108	15	233	59	191	23	273	20	48	57	125	829
07:30 AM	8	208	7	223	139	113	18	270	90	264	22	376	24	34	64	122	991
07:45 AM	8	204	15	227	131	92	28	251	81	284	17	382	38	39	56	133	993
Total	32	750	35	817	506	381	85	972	283	980	81	1344	115	154	221	490	3623
08:00 AM	18	216	13	247	127	104	29	260	83	256	40	379	23	75	77	175	1061
08:15 AM	12	209	13	234	138	98	32	268	79	307	54	440	28	46	68	142	1084
08:30 AM	15	170	15	200	106	121	24	251	75	241	31	347	41	96	93	230	1028
08:45 AM	11	189	9	209	104	90	39	233	94	285	24	403	24	64	82	170	1015
Total	56	784	50	890	475	413	124	1012	331	1089	149	1569	116	281	320	717	4188
Grand Total	88	1534	85	1707	981	794	209	1984	614	2069	230	2913	231	435	541	1207	7811
Apprch %	5.2	89.9	5		49.4	40	10.5		21.1	71	7.9		19.1	36	44.8		
Total %	1.1	19.6	1.1	21.9	12.6	10.2	2.7	25.4	7.9	26.5	2.9	37.3	3	5.6	6.9	15.5	

	Bake Parkway Southbound				Trabuco Road Westbound				Bake Parkway Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**18**	**216**	13	**247**	127	104	29	260	83	256	40	379	23	75	77	175	1061
08:15 AM	12	209	13	234	**138**	98	32	**268**	79	**307**	**54**	**440**	28	46	68	142	**1084**
08:30 AM	15	170	**15**	200	106	**121**	24	251	75	241	31	347	**41**	**96**	**93**	**230**	1028
08:45 AM	11	189	9	209	104	90	**39**	233	**94**	285	24	403	24	64	82	170	1015
Total Volume	56	784	50	890	475	413	124	1012	331	1089	149	1569	116	281	320	717	4188
% App. Total	6.3	88.1	5.6		46.9	40.8	12.3		21.1	69.4	9.5		16.2	39.2	44.6		
PHF	.778	.907	.833	.901	.861	.853	.795	.944	.880	.887	.690	.891	.707	.732	.860	.779	.966

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File Name : 362_LKF_Bake_Trab AM
Site Code : 05124139
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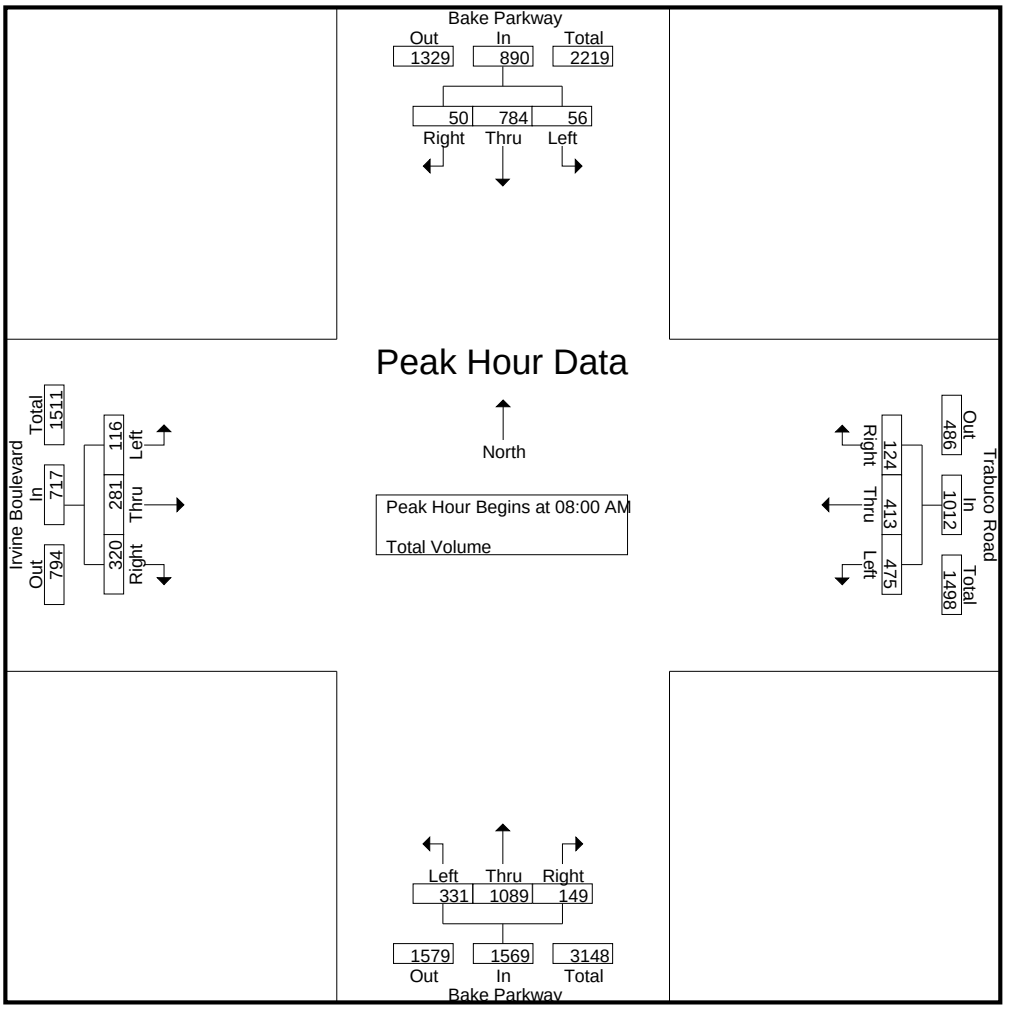

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				08:00 AM			
+0 mins.	8	208	7	223	**139**	**113**	18	**270**	**90**	264	22	376	23	75	77	175
+15 mins.	8	204	**15**	227	131	92	28	251	81	284	17	382	28	46	68	142
+30 mins.	**18**	**216**	13	**247**	127	104	29	260	83	256	40	379	**41**	**96**	**93**	**230**
+45 mins.	12	209	13	234	138	98	**32**	268	79	**307**	**54**	**440**	24	64	82	170
Total Volume	46	837	48	931	535	407	107	1049	333	1111	133	1577	116	281	320	717
% App. Total	4.9	89.9	5.2		51	38.8	10.2		21.1	70.5	8.4		16.2	39.2	44.6	
PHF	.639	.969	.800	.942	.962	.900	.836	.971	.925	.905	.616	.896	.707	.732	.860	.779

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File Name : 362_LKF_Bake_Trab PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Trabuco Road Westbound				Bake Parkway Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	35	266	24	325	68	75	29	172	66	215	96	377	20	103	91	214	1088
04:15 PM	35	231	17	283	68	88	41	197	87	265	94	446	27	82	74	183	1109
04:30 PM	47	207	21	275	90	104	35	229	85	231	106	422	19	113	102	234	1160
04:45 PM	38	227	18	283	60	86	35	181	67	243	97	407	25	91	86	202	1073
Total	155	931	80	1166	286	353	140	779	305	954	393	1652	91	389	353	833	4430
05:00 PM	52	249	32	333	73	102	27	202	99	268	119	486	28	102	114	244	1265
05:15 PM	45	274	13	332	95	90	38	223	65	248	114	427	43	123	86	252	1234
05:30 PM	38	232	20	290	65	99	28	192	96	324	130	550	31	134	78	243	1275
05:45 PM	35	178	11	224	79	102	30	211	93	273	108	474	21	105	77	203	1112
Total	170	933	76	1179	312	393	123	828	353	1113	471	1937	123	464	355	942	4886
Grand Total	325	1864	156	2345	598	746	263	1607	658	2067	864	3589	214	853	708	1775	9316
Apprch %	13.9	79.5	6.7		37.2	46.4	16.4		18.3	57.6	24.1		12.1	48.1	39.9		
Total %	3.5	20	1.7	25.2	6.4	8	2.8	17.2	7.1	22.2	9.3	38.5	2.3	9.2	7.6	19.1	

	Bake Parkway Southbound				Trabuco Road Westbound				Bake Parkway Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**52**	249	**32**	**333**	73	**102**	27	202	**99**	268	119	486	28	102	**114**	244	1265
05:15 PM	45	**274**	13	332	**95**	90	**38**	**223**	65	248	114	427	**43**	123	86	**252**	1234
05:30 PM	38	232	20	290	65	99	28	192	96	**324**	**130**	**550**	31	**134**	78	243	**1275**
05:45 PM	35	178	11	224	79	102	30	211	93	273	108	474	21	105	77	203	1112
Total Volume	170	933	76	1179	312	393	123	828	353	1113	471	1937	123	464	355	942	4886
% App. Total	14.4	79.1	6.4		37.7	47.5	14.9		18.2	57.5	24.3		13.1	49.3	37.7		
PHF	.817	.851	.594	.885	.821	.963	.809	.928	.891	.859	.906	.880	.715	.866	.779	.935	.958

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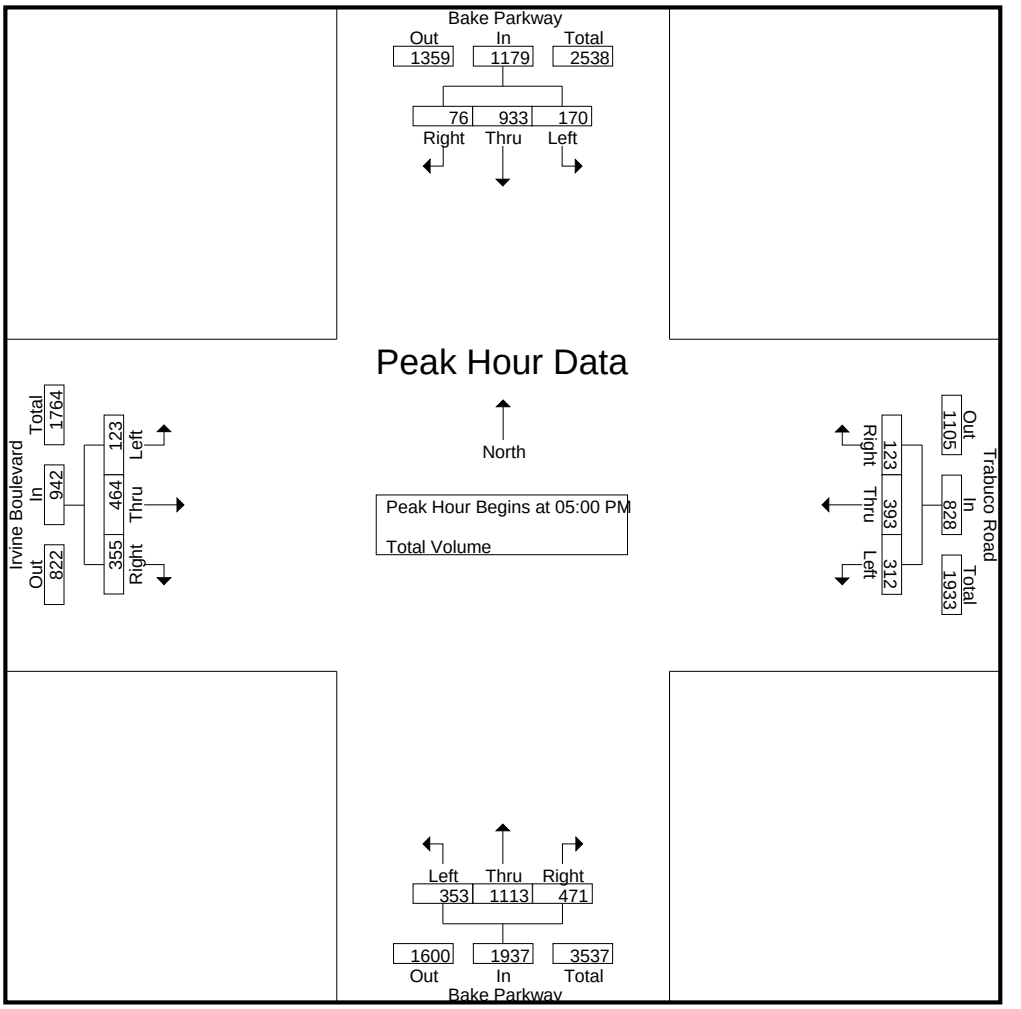

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	38	227	18	283	90	**104**	35	**229**	**99**	268	119	486	28	102	**114**	244
+15 mins.	**52**	249	**32**	**333**	60	86	35	181	65	248	114	427	**43**	123	86	**252**
+30 mins.	45	**274**	13	332	73	102	27	202	96	**324**	**130**	**550**	31	**134**	78	243
+45 mins.	38	232	20	290	**95**	90	**38**	223	93	273	108	474	21	105	77	203
Total Volume	173	982	83	1238	318	382	135	835	353	1113	471	1937	123	464	355	942
% App. Total	14	79.3	6.7		38.1	45.7	16.2		18.2	57.5	24.3		13.1	49.3	37.7	
PHF	.832	.896	.648	.929	.837	.918	.888	.912	.891	.859	.906	.880	.715	.866	.779	.935

Location: Lake Forest
N/S: Bake Parkway
E/W: Irvine Blvd/Trabuco Rd

ITAM: 362
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Bake Parkway Pedestrians	East Leg Trabuco Road Pedestrians	South Leg Bake Parkway Pedestrians	West Leg Irvine Boulevard Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	2	0	0	2
8:00 AM	0	2	0	0	2
8:15 AM	0	1	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	5	1	0	6

	North Leg Bake Parkway Pedestrians	East Leg Trabuco Road Pedestrians	South Leg Bake Parkway Pedestrians	West Leg Irvine Boulevard Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	1	0	1
4:30 PM	2	0	0	0	2
4:45 PM	0	2	0	0	2
5:00 PM	1	0	0	0	1
5:15 PM	0	0	2	0	2
5:30 PM	0	0	0	0	0
5:45 PM	1	0	0	0	1
TOTAL VOLUMES:	4	2	4	0	10

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Location: Lake Forest
N/S: Bake Parkway
E/W: Irvine Blvd/Trabuco Rd

ITAM: 362
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Bake Parkway			Westbound Trabuco Road			Northbound Bake Parkway			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	1	0	1	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	2	1	1	1	0	0	1	0	6

	Southbound Bake Parkway			Westbound Trabuco Road			Northbound Bake Parkway			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	1	0	0	2	0	0	2	0	6
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	2	0	0	1	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	4	0	0	3	0	0	2	0	10

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City of Irvine
N/S: Bake Parkway
E/W: Toledo Way
Weather: Clear

File Name : 363_LKF_Bake_Tol AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Toledo Way Westbound				Bake Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	297	6	305	43	21	5	69	41	293	6	340	3	6	14	23	737
07:15 AM	9	377	9	395	66	23	9	98	55	321	9	385	2	4	15	21	899
07:30 AM	6	392	26	424	70	40	14	124	68	329	12	409	6	8	17	31	988
07:45 AM	10	408	26	444	40	28	12	80	78	403	11	492	6	10	18	34	1050
Total	27	1474	67	1568	219	112	40	371	242	1346	38	1626	17	28	64	109	3674
08:00 AM	16	372	32	420	55	40	22	117	103	362	15	480	7	19	21	47	1064
08:15 AM	5	385	22	412	76	37	28	141	82	412	10	504	8	7	15	30	1087
08:30 AM	8	352	30	390	32	34	13	79	64	365	8	437	7	14	15	36	942
08:45 AM	8	351	13	372	29	27	15	71	65	349	8	422	8	7	15	30	895
Total	37	1460	97	1594	192	138	78	408	314	1488	41	1843	30	47	66	143	3988
Grand Total	64	2934	164	3162	411	250	118	779	556	2834	79	3469	47	75	130	252	7662
Apprch %	2	92.8	5.2		52.8	32.1	15.1		16	81.7	2.3		18.7	29.8	51.6		
Total %	0.8	38.3	2.1	41.3	5.4	3.3	1.5	10.2	7.3	37	1	45.3	0.6	1	1.7	3.3	

	Bake Parkway Southbound				Toledo Way Westbound				Bake Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	6	392	26	424	70	**40**	14	124	68	329	12	409	6	8	17	31	988
07:45 AM	10	**408**	26	**444**	40	28	12	80	78	403	11	492	6	10	18	34	1050
08:00 AM	**16**	372	**32**	420	55	40	22	117	**103**	362	**15**	480	7	**19**	**21**	**47**	1064
08:15 AM	5	385	22	412	**76**	37	**28**	**141**	82	**412**	10	**504**	**8**	7	15	30	**1087**
Total Volume	37	1557	106	1700	241	145	76	462	331	1506	48	1885	27	44	71	142	4189
% App. Total	2.2	91.6	6.2		52.2	31.4	16.5		17.6	79.9	2.5		19	31	50		
PHF	.578	.954	.828	.957	.793	.906	.679	.819	.803	.914	.800	.935	.844	.579	.845	.755	.963

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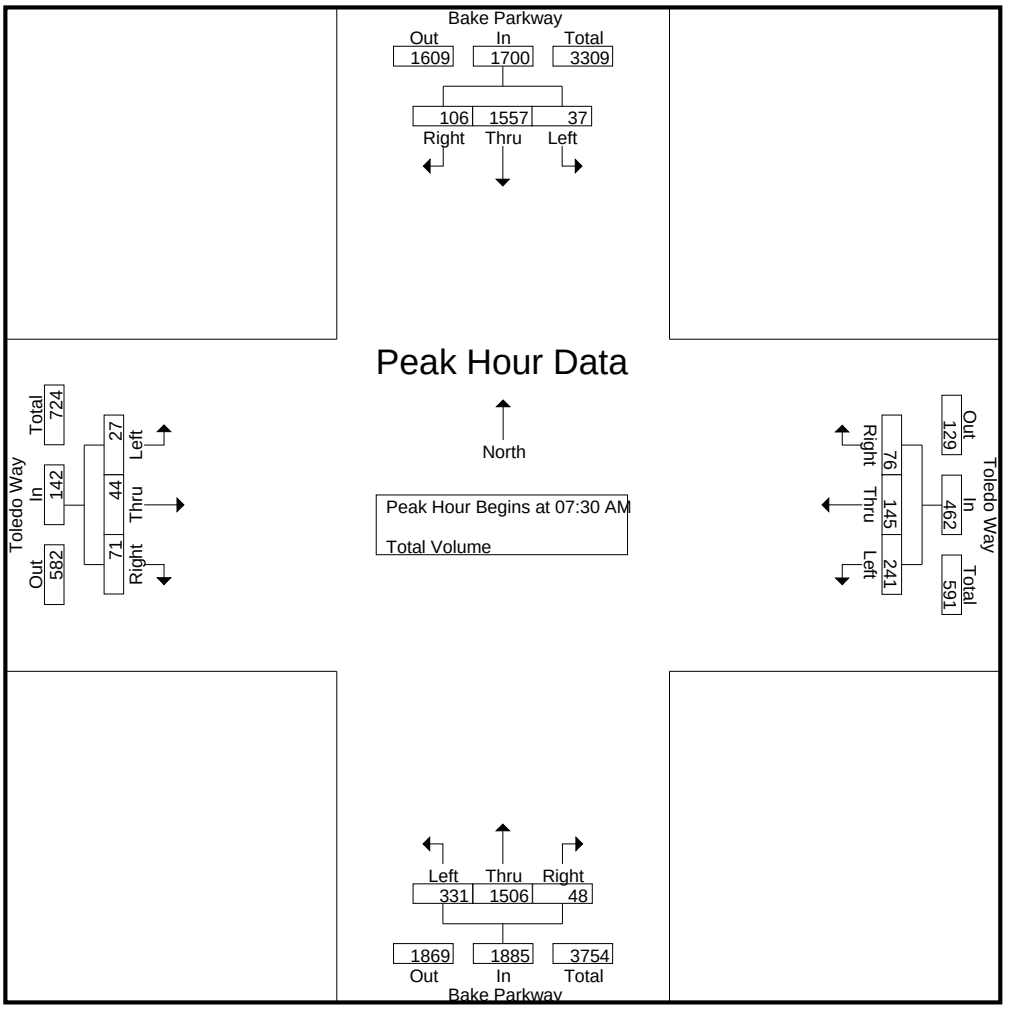
City of Irvine
N/S: Bake Parkway
E/W: Toledo Way
Weather: Clear

File Name : 363_LKF_Bake_Tol AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	6	392	26	424	70	**40**	14	124	78	403	11	492	6	10	18	34
+15 mins.	10	**408**	26	**444**	40	28	12	80	**103**	362	**15**	480	7	**19**	**21**	**47**
+30 mins.	**16**	372	**32**	420	55	40	22	117	82	**412**	10	**504**	**8**	7	15	30
+45 mins.	5	385	22	412	**76**	37	**28**	**141**	64	365	8	437	7	14	15	36
Total Volume	37	1557	106	1700	241	145	76	462	327	1542	44	1913	28	50	69	147
% App. Total	2.2	91.6	6.2		52.2	31.4	16.5		17.1	80.6	2.3		19	34	46.9	
PHF	.578	.954	.828	.957	.793	.906	.679	.819	.794	.936	.733	.949	.875	.658	.821	.782

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City of Irvine
N/S: Bake Parkway
E/W: Toledo Way
Weather: Clear

File Name : 363_LKF_Bake_Tol PM
Site Code : 05124139
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Groups Printed- Total Volume

	Bake Parkway Southbound				Toledo Way Westbound				Bake Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	416	6	432	13	8	12	33	29	427	43	499	19	36	45	100	1064
04:15 PM	5	349	5	359	9	5	8	22	24	390	44	458	15	31	40	86	925
04:30 PM	9	367	5	381	10	11	12	33	27	405	34	466	25	39	63	127	1007
04:45 PM	7	362	8	377	16	7	24	47	25	398	59	482	31	39	34	104	1010
Total	31	1494	24	1549	48	31	56	135	105	1620	180	1905	90	145	182	417	4006
05:00 PM	17	423	7	447	10	10	14	34	20	464	52	536	30	46	68	144	1161
05:15 PM	18	446	18	482	14	10	16	40	16	425	52	493	27	27	52	106	1121
05:30 PM	19	327	7	353	20	14	19	53	22	483	41	546	24	37	40	101	1053
05:45 PM	17	337	6	360	15	10	17	42	20	447	46	513	20	26	36	82	997
Total	71	1533	38	1642	59	44	66	169	78	1819	191	2088	101	136	196	433	4332
Grand Total	102	3027	62	3191	107	75	122	304	183	3439	371	3993	191	281	378	850	8338
Apprch %	3.2	94.9	1.9		35.2	24.7	40.1		4.6	86.1	9.3		22.5	33.1	44.5		
Total %	1.2	36.3	0.7	38.3	1.3	0.9	1.5	3.6	2.2	41.2	4.4	47.9	2.3	3.4	4.5	10.2	

	Bake Parkway Southbound				Toledo Way Westbound				Bake Parkway Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	7	362	8	377	16	7	**24**	47	**25**	398	**59**	482	**31**	39	34	104	1010
05:00 PM	17	423	7	447	10	10	14	34	20	464	52	536	30	**46**	**68**	**144**	**1161**
05:15 PM	18	**446**	**18**	**482**	14	10	16	40	16	425	52	493	27	27	52	106	1121
05:30 PM	**19**	327	7	353	**20**	**14**	19	**53**	22	**483**	41	**546**	24	37	40	101	1053
Total Volume	61	1558	40	1659	60	41	73	174	83	1770	204	2057	112	149	194	455	4345
% App. Total	3.7	93.9	2.4		34.5	23.6	42		4	86	9.9		24.6	32.7	42.6		
PHF	.803	.873	.556	.860	.750	.732	.760	.821	.830	.916	.864	.942	.903	.810	.713	.790	.936

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City of Irvine
N/S: Bake Parkway
E/W: Toledo Way
Weather: Clear

File Name : 363_LKF_Bake_Tol PM
Site Code : 05124139
Start Date : 2/15/2024
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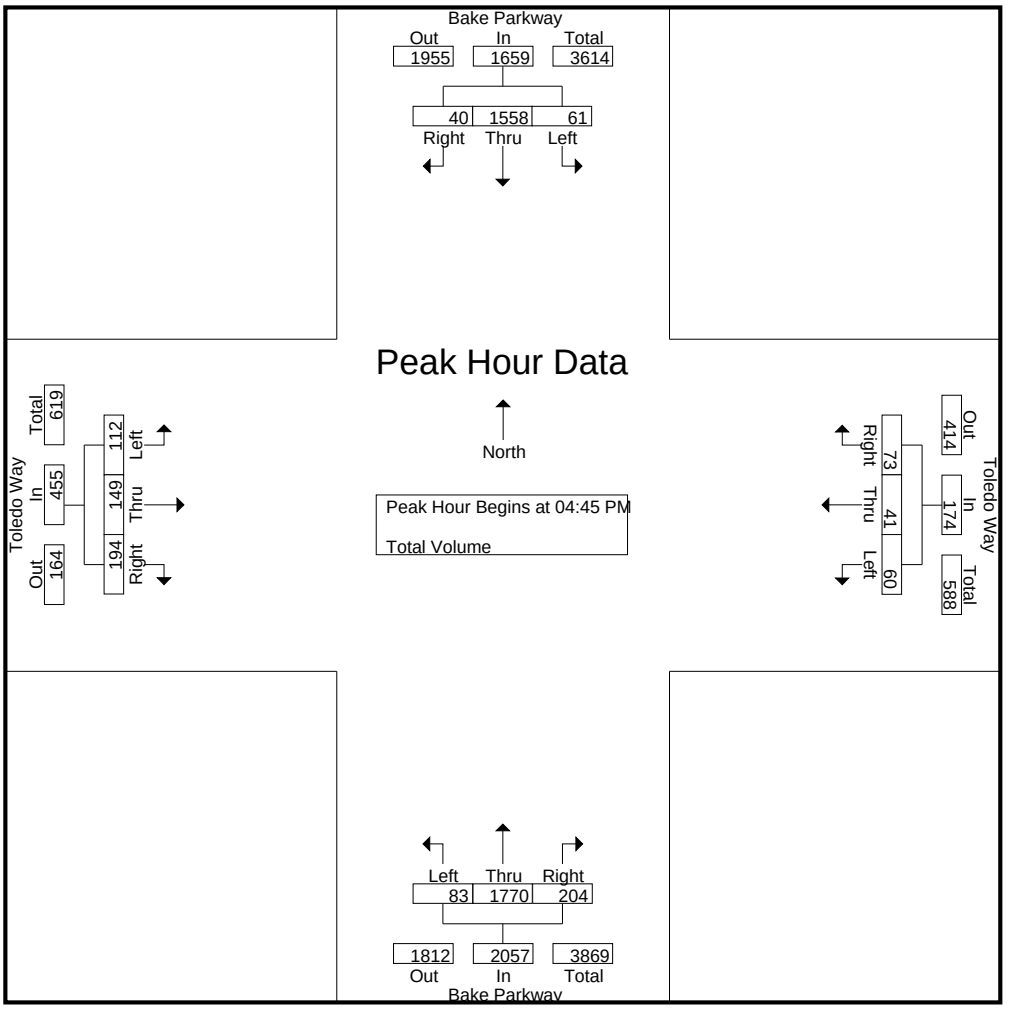

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:00 PM				04:30 PM			
+0 mins.	9	367	5	381	16	7	**24**	47	20	464	**52**	536	25	39	63	127
+15 mins.	7	362	8	377	10	10	14	34	16	425	52	493	**31**	39	34	104
+30 mins.	17	423	7	447	14	10	16	40	**22**	**483**	41	**546**	30	**46**	**68**	**144**
+45 mins.	**18**	**446**	**18**	**482**	**20**	**14**	19	**53**	20	447	46	513	27	27	52	106
Total Volume	51	1598	38	1687	60	41	73	174	78	1819	191	2088	113	151	217	481
% App. Total	3	94.7	2.3		34.5	23.6	42		3.7	87.1	9.1		23.5	31.4	45.1	
PHF	.708	.896	.528	.875	.750	.732	.760	.821	.886	.942	.918	.956	.911	.821	.798	.835

Location: Lake Forest
N/S: Bake Parkway
E/W: Toledo Way

ITAM: 363
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Bake Parkway Pedestrians	East Leg Trabuco Road Pedestrians	South Leg Bake Parkway Pedestrians	West Leg Irvine Boulevard Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	0	1	0	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	2	3
8:00 AM	1	0	0	0	1
8:15 AM	0	0	0	1	1
8:30 AM	1	2	2	1	6
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	2	4	3	4	13

	North Leg Bake Parkway Pedestrians	East Leg Trabuco Road Pedestrians	South Leg Bake Parkway Pedestrians	West Leg Irvine Boulevard Pedestrians	
4:00 PM	2	0	0	1	3
4:15 PM	0	0	0	0	0
4:30 PM	1	1	0	1	3
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1
5:30 PM	1	0	1	1	3
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	4	1	2	3	10

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Location: Lake Forest
N/S: Bake Parkway
E/W: Toledo Way

ITAM: 363
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Bake Parkway			Westbound Trabuco Road			Northbound Bake Parkway			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	0	0	0	1	0	0	0	0	2

	Southbound Bake Parkway			Westbound Trabuco Road			Northbound Bake Parkway			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:45 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	2	0	0	2	0	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	3	0	0	2	0	7

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City of Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 364_LKF_Bake_Jer AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Jeronimo Road Westbound				Bake Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	300	5	314	92	39	13	144	49	348	20	417	0	4	15	19	894
07:15 AM	23	460	4	487	101	58	8	167	58	369	26	453	0	10	11	21	1128
07:30 AM	10	411	6	427	111	88	14	213	73	388	18	479	0	9	18	27	1146
07:45 AM	36	444	10	490	90	113	23	226	109	507	22	638	1	10	18	29	1383
Total	78	1615	25	1718	394	298	58	750	289	1612	86	1987	1	33	62	96	4551
08:00 AM	32	430	4	466	82	87	32	201	100	425	28	553	2	19	14	35	1255
08:15 AM	17	400	10	427	90	85	23	198	110	474	30	614	2	12	16	30	1269
08:30 AM	21	436	7	464	82	99	17	198	93	381	17	491	5	10	19	34	1187
08:45 AM	14	303	7	324	86	94	12	192	109	453	24	586	4	15	14	33	1135
Total	84	1569	28	1681	340	365	84	789	412	1733	99	2244	13	56	63	132	4846
Grand Total	162	3184	53	3399	734	663	142	1539	701	3345	185	4231	14	89	125	228	9397
Apprch %	4.8	93.7	1.6		47.7	43.1	9.2		16.6	79.1	4.4		6.1	39	54.8		
Total %	1.7	33.9	0.6	36.2	7.8	7.1	1.5	16.4	7.5	35.6	2	45	0.1	0.9	1.3	2.4	

	Bake Parkway Southbound				Jeronimo Road Westbound				Bake Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**36**	**444**	**10**	**490**	**90**	**113**	23	**226**	109	**507**	22	**638**	1	10	18	29	**1383**
08:00 AM	32	430	4	466	82	87	**32**	201	100	425	28	553	2	**19**	14	**35**	1255
08:15 AM	17	400	10	427	90	85	23	198	**110**	474	**30**	614	2	12	16	30	1269
08:30 AM	21	436	7	464	82	99	17	198	93	381	17	491	**5**	10	**19**	34	1187
Total Volume	106	1710	31	1847	344	384	95	823	412	1787	97	2296	10	51	67	128	5094
% App. Total	5.7	92.6	1.7		41.8	46.7	11.5		17.9	77.8	4.2		7.8	39.8	52.3		
PHF	.736	.963	.775	.942	.956	.850	.742	.910	.936	.881	.808	.900	.500	.671	.882	.914	.921

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City of Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 364_LKF_Bake_Jer AM
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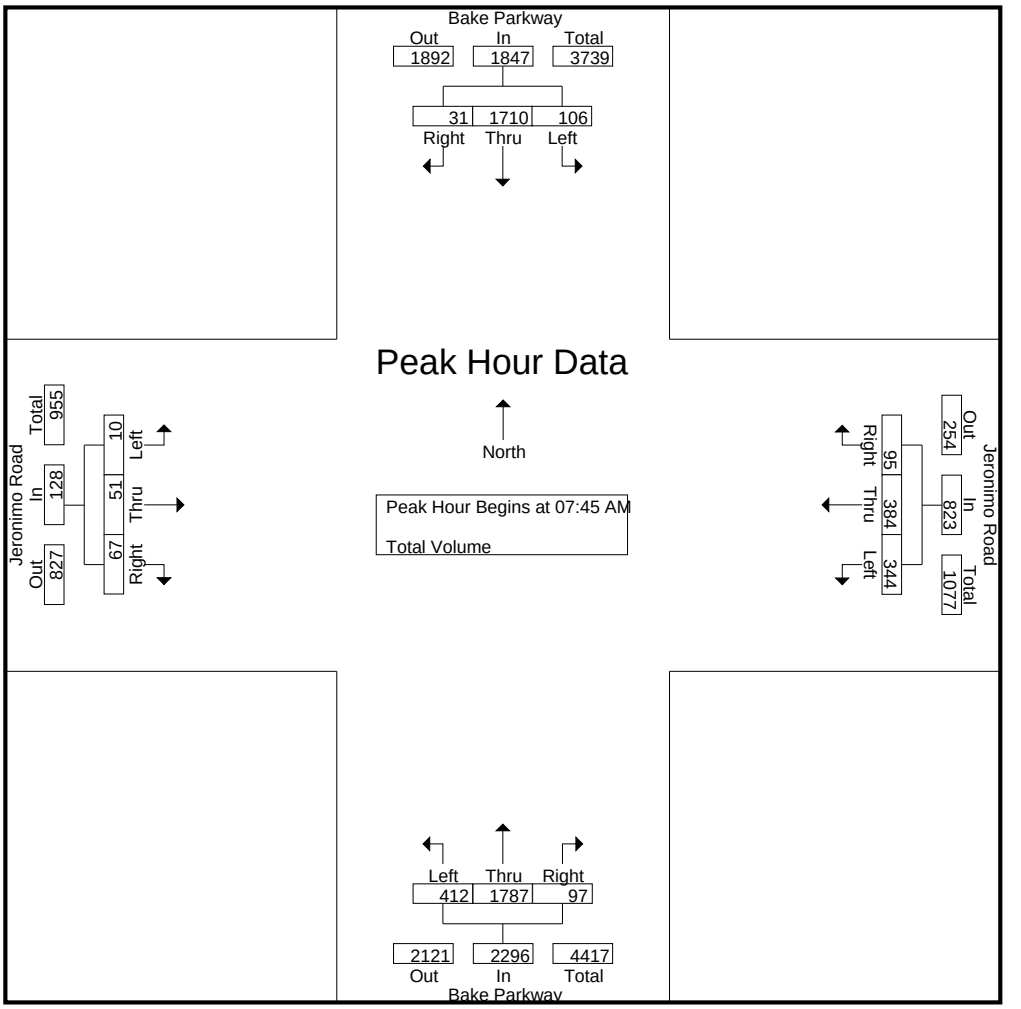

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:30 AM				07:45 AM				08:00 AM			
+0 mins.	23	**460**	4	487	**111**	88	14	213	109	**507**	22	**638**	2	**19**	14	**35**
+15 mins.	10	411	6	427	90	**113**	23	**226**	100	425	28	553	2	12	16	30
+30 mins.	**36**	444	**10**	**490**	82	87	**32**	201	**110**	474	**30**	614	**5**	10	**19**	34
+45 mins.	32	430	4	466	90	85	23	198	93	381	17	491	4	15	14	33
Total Volume	101	1745	24	1870	373	373	92	838	412	1787	97	2296	13	56	63	132
% App. Total	5.4	93.3	1.3		44.5	44.5	11		17.9	77.8	4.2		9.8	42.4	47.7	
PHF	.701	.948	.600	.954	.840	.825	.719	.927	.936	.881	.808	.900	.650	.737	.829	.943

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City of Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 364_LKF_Bake_Jer PM
Site Code : 05124139
Start Date : 2/15/2024
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Groups Printed- Total Volume

	Bake Parkway Southbound				Jeronimo Road Westbound				Bake Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	29	419	3	451	46	22	18	86	18	464	86	568	10	70	68	148	1253
04:15 PM	14	396	4	414	44	41	19	104	18	451	90	559	5	68	48	121	1198
04:30 PM	19	428	6	453	44	39	22	105	24	423	94	541	7	78	70	155	1254
04:45 PM	25	383	8	416	41	34	23	98	14	483	108	605	5	82	46	133	1252
Total	87	1626	21	1734	175	136	82	393	74	1821	378	2273	27	298	232	557	4957
05:00 PM	26	424	6	456	60	21	17	98	21	507	139	667	5	99	60	164	1385
05:15 PM	30	452	3	485	53	41	13	107	17	489	121	627	10	99	53	162	1381
05:30 PM	22	380	4	406	52	40	19	111	21	512	116	649	5	65	49	119	1285
05:45 PM	18	342	3	363	47	21	13	81	12	522	114	648	9	75	56	140	1232
Total	96	1598	16	1710	212	123	62	397	71	2030	490	2591	29	338	218	585	5283
Grand Total	183	3224	37	3444	387	259	144	790	145	3851	868	4864	56	636	450	1142	10240
Apprch %	5.3	93.6	1.1		49	32.8	18.2		3	79.2	17.8		4.9	55.7	39.4		
Total %	1.8	31.5	0.4	33.6	3.8	2.5	1.4	7.7	1.4	37.6	8.5	47.5	0.5	6.2	4.4	11.2	

	Bake Parkway Southbound				Jeronimo Road Westbound				Bake Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	25	383	**8**	416	41	34	**23**	98	14	483	108	605	5	82	46	133	1252
05:00 PM	26	424	6	456	**60**	21	17	98	**21**	507	**139**	**667**	5	**99**	**60**	**164**	**1385**
05:15 PM	**30**	**452**	3	**485**	53	**41**	13	107	17	489	121	627	**10**	99	53	162	1381
05:30 PM	22	380	4	406	52	40	19	**111**	21	**512**	116	649	5	65	49	119	1285
Total Volume	103	1639	21	1763	206	136	72	414	73	1991	484	2548	25	345	208	578	5303
% App. Total	5.8	93	1.2		49.8	32.9	17.4		2.9	78.1	19		4.3	59.7	36		
PHF	.858	.907	.656	.909	.858	.829	.783	.932	.869	.972	.871	.955	.625	.871	.867	.881	.957

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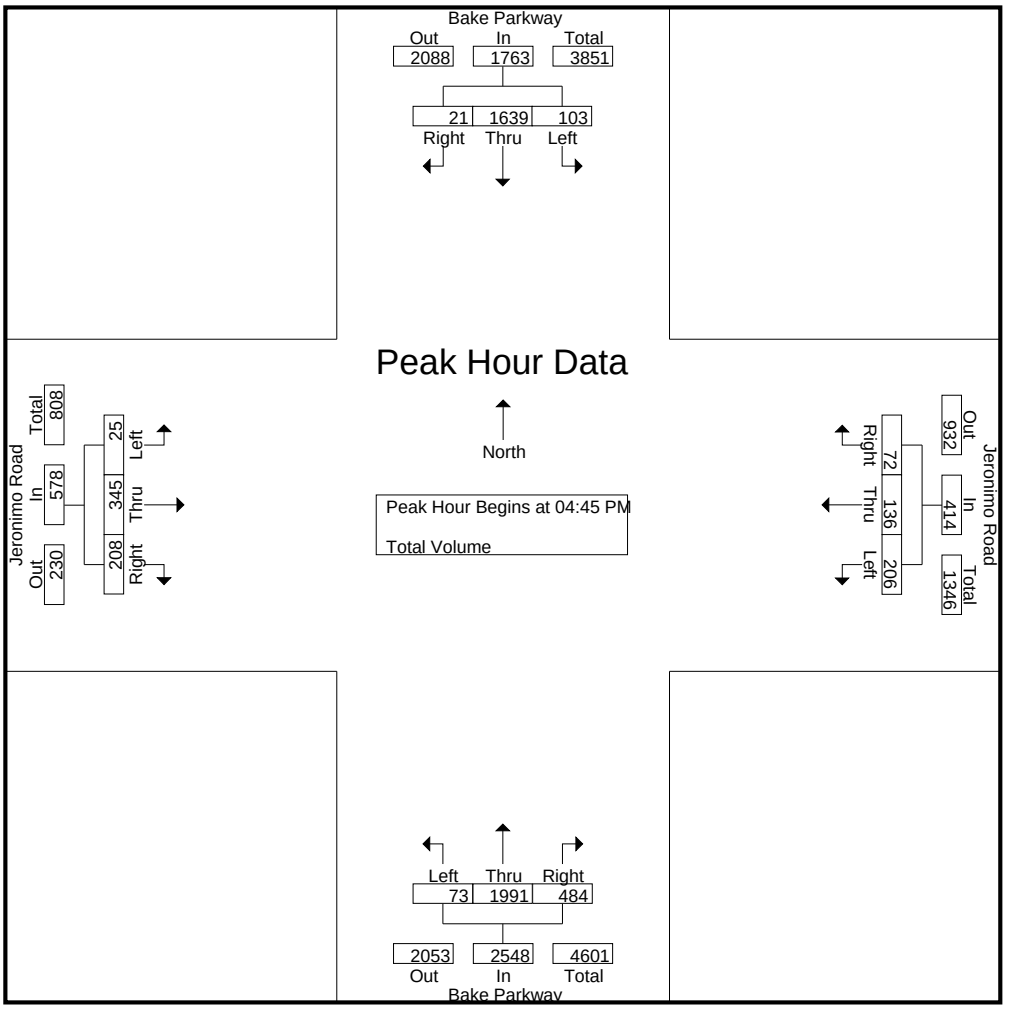
City of Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 364_LKF_Bake_Jer PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:00 PM				04:30 PM			
+0 mins.	19	428	6	453	41	34	**23**	98	**21**	507	**139**	**667**	7	78	**70**	155
+15 mins.	25	383	**8**	416	**60**	21	17	98	17	489	121	627	5	82	46	133
+30 mins.	26	424	6	456	53	**41**	13	107	21	512	116	649	5	**99**	60	**164**
+45 mins.	**30**	**452**	3	**485**	52	40	19	**111**	12	**522**	114	648	**10**	99	53	162
Total Volume	100	1687	23	1810	206	136	72	414	71	2030	490	2591	27	358	229	614
% App. Total	5.5	93.2	1.3		49.8	32.9	17.4		2.7	78.3	18.9		4.4	58.3	37.3	
PHF	.833	.933	.719	.933	.858	.829	.783	.932	.845	.972	.881	.971	.675	.904	.818	.936

Location: Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road

ITAM: 362
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Bake Parkway	East Leg Jeronimo Road	South Leg Bake Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	1	0	2
7:15 AM	0	0	0	0	0
7:30 AM	0	1	0	0	1
7:45 AM	0	0	0	1	1
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	1	0	1	0	2
TOTAL VOLUMES:	1	2	2	1	6

	North Leg Bake Parkway	East Leg Jeronimo Road	South Leg Bake Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	1	0	0	2	3
4:30 PM	0	0	1	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	1	0	2	0	3
TOTAL VOLUMES:	2	0	3	2	7

Location: Lake Forest
N/S: Bake Parkway
E/W: Jeronimo Road

ITAM: 362
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Bake Parkway			Westbound Jeronimo Road			Northbound Bake Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	1	0	0	1	0	0	0	0	3

	Southbound Bake Parkway			Westbound Jeronimo Road			Northbound Bake Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	2	0	0	2	0	6

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(951) 268-6268

City of Irvine
N/S: Bake Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 365_IRV_Bake_Muir AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Muirlands Boulevard Westbound				Bake Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	427	10	444	31	24	10	65	36	436	22	494	3	14	13	30	1033
07:15 AM	6	477	16	499	60	45	16	121	35	434	21	490	1	13	15	29	1139
07:30 AM	6	603	14	623	56	48	12	116	32	498	30	560	3	16	16	35	1334
07:45 AM	18	509	24	551	53	72	23	148	65	598	33	696	5	23	34	62	1457
Total	37	2016	64	2117	200	189	61	450	168	1966	106	2240	12	66	78	156	4963
08:00 AM	29	528	21	578	40	70	19	129	75	467	37	579	6	34	42	82	1368
08:15 AM	16	483	27	526	55	91	24	170	57	555	36	648	7	37	42	86	1430
08:30 AM	19	498	19	536	68	83	29	180	57	440	42	539	6	28	32	66	1321
08:45 AM	23	428	23	474	31	48	22	101	52	509	40	601	4	34	19	57	1233
Total	87	1937	90	2114	194	292	94	580	241	1971	155	2367	23	133	135	291	5352
Grand Total	124	3953	154	4231	394	481	155	1030	409	3937	261	4607	35	199	213	447	10315
Apprch %	2.9	93.4	3.6		38.3	46.7	15		8.9	85.5	5.7		7.8	44.5	47.7		
Total %	1.2	38.3	1.5	41	3.8	4.7	1.5	10	4	38.2	2.5	44.7	0.3	1.9	2.1	4.3	

	Bake Parkway Southbound				Muirlands Boulevard Westbound				Bake Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	6	**603**	14	**623**	**56**	48	12	116	32	498	30	560	3	16	16	35	1334
07:45 AM	18	509	24	551	53	72	23	148	65	**598**	33	**696**	5	23	34	62	**1457**
08:00 AM	**29**	528	21	578	40	70	19	129	**75**	467	**37**	579	6	34	**42**	82	1368
08:15 AM	16	483	**27**	526	55	**91**	**24**	**170**	57	555	36	648	**7**	**37**	42	**86**	1430
Total Volume	69	2123	86	2278	204	281	78	563	229	2118	136	2483	21	110	134	265	5589
% App. Total	3	93.2	3.8		36.2	49.9	13.9		9.2	85.3	5.5		7.9	41.5	50.6		
PHF	.595	.880	.796	.914	.911	.772	.813	.828	.763	.885	.919	.892	.750	.743	.798	.770	.959

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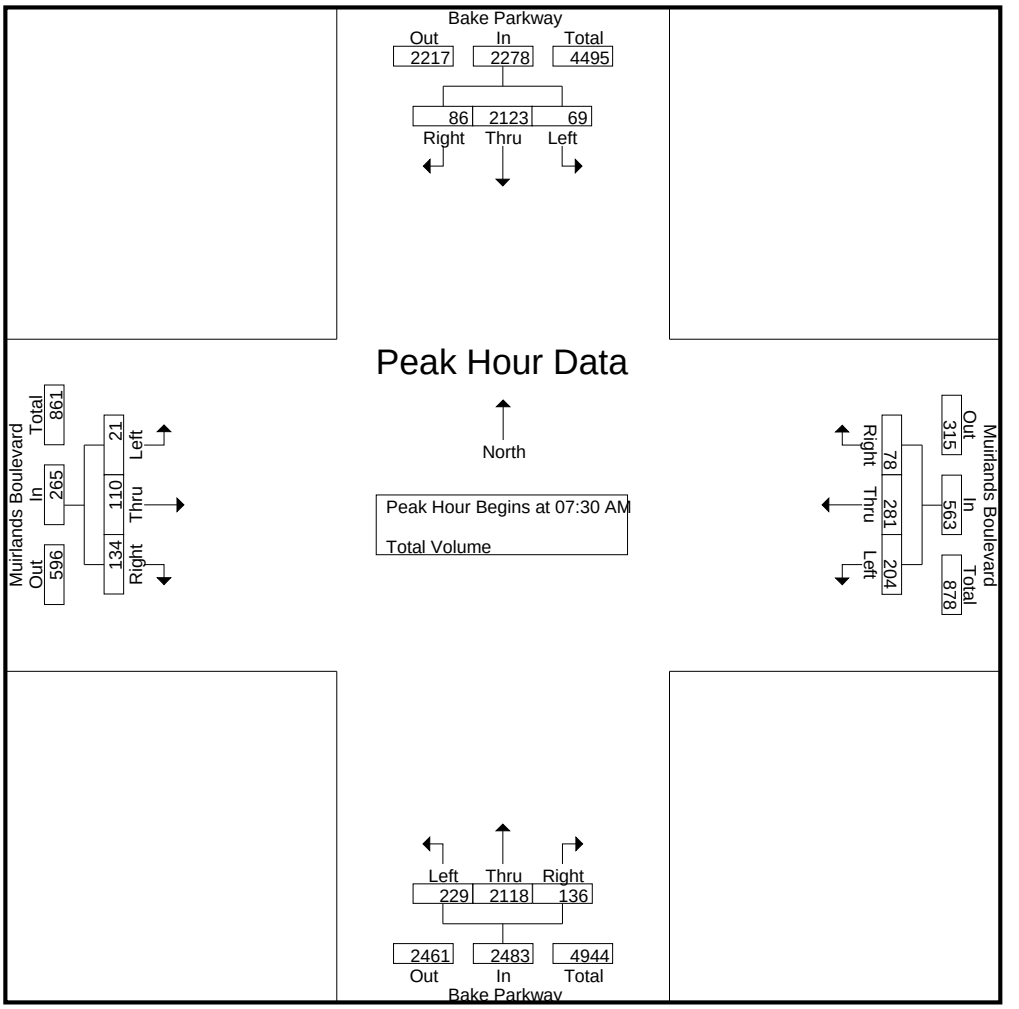
City of Irvine
N/S: Bake Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 365_IRV_Bake_Muir AM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:30 AM				07:45 AM			
+0 mins.	6	**603**	14	**623**	53	72	23	148	32	498	30	560	5	23	34	62
+15 mins.	18	509	24	551	40	70	19	129	65	**598**	33	**696**	6	34	**42**	82
+30 mins.	**29**	528	21	578	55	**91**	24	170	**75**	467	**37**	579	**7**	**37**	42	**86**
+45 mins.	16	483	**27**	526	**68**	83	**29**	**180**	57	555	36	648	6	28	32	66
Total Volume	69	2123	86	2278	216	316	95	627	229	2118	136	2483	24	122	150	296
% App. Total	3	93.2	3.8		34.4	50.4	15.2		9.2	85.3	5.5		8.1	41.2	50.7	
PHF	.595	.880	.796	.914	.794	.868	.819	.871	.763	.885	.919	.892	.857	.824	.893	.860

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City of Irvine
N/S: Bake Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 365_IRV_Bake_Muir PM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Muirlands Boulevard Westbound				Bake Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	43	526	8	577	24	24	28	76	26	491	74	591	39	96	66	201	1445
04:15 PM	40	510	12	562	41	24	21	86	20	488	78	586	12	88	65	165	1399
04:30 PM	27	512	9	548	28	23	32	83	14	518	84	616	18	85	76	179	1426
04:45 PM	41	485	10	536	31	35	31	97	20	534	83	637	32	99	52	183	1453
Total	151	2033	39	2223	124	106	112	342	80	2031	319	2430	101	368	259	728	5723
05:00 PM	50	584	11	645	38	36	46	120	16	570	75	661	25	134	88	247	1673
05:15 PM	45	540	11	596	30	38	19	87	14	556	76	646	32	150	68	250	1579
05:30 PM	33	437	12	482	24	19	19	62	17	570	94	681	21	119	36	176	1401
05:45 PM	38	440	9	487	23	28	27	78	26	573	82	681	14	109	50	173	1419
Total	166	2001	43	2210	115	121	111	347	73	2269	327	2669	92	512	242	846	6072
Grand Total	317	4034	82	4433	239	227	223	689	153	4300	646	5099	193	880	501	1574	11795
Apprch %	7.2	91	1.8		34.7	32.9	32.4		3	84.3	12.7		12.3	55.9	31.8		
Total %	2.7	34.2	0.7	37.6	2	1.9	1.9	5.8	1.3	36.5	5.5	43.2	1.6	7.5	4.2	13.3	

	Bake Parkway Southbound				Muirlands Boulevard Westbound				Bake Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	27	512	9	548	28	23	32	83	14	518	**84**	616	18	85	76	179	1426
04:45 PM	41	485	10	536	31	35	31	97	**20**	534	83	637	**32**	99	52	183	1453
05:00 PM	**50**	**584**	**11**	**645**	**38**	36	**46**	**120**	16	**570**	75	**661**	25	134	**88**	247	**1673**
05:15 PM	45	540	11	596	30	**38**	19	87	14	556	76	646	32	**150**	68	**250**	1579
Total Volume	163	2121	41	2325	127	132	128	387	64	2178	318	2560	107	468	284	859	6131
% App. Total	7	91.2	1.8		32.8	34.1	33.1		2.5	85.1	12.4		12.5	54.5	33.1		
PHF	.815	.908	.932	.901	.836	.868	.696	.806	.800	.955	.946	.968	.836	.780	.807	.859	.916

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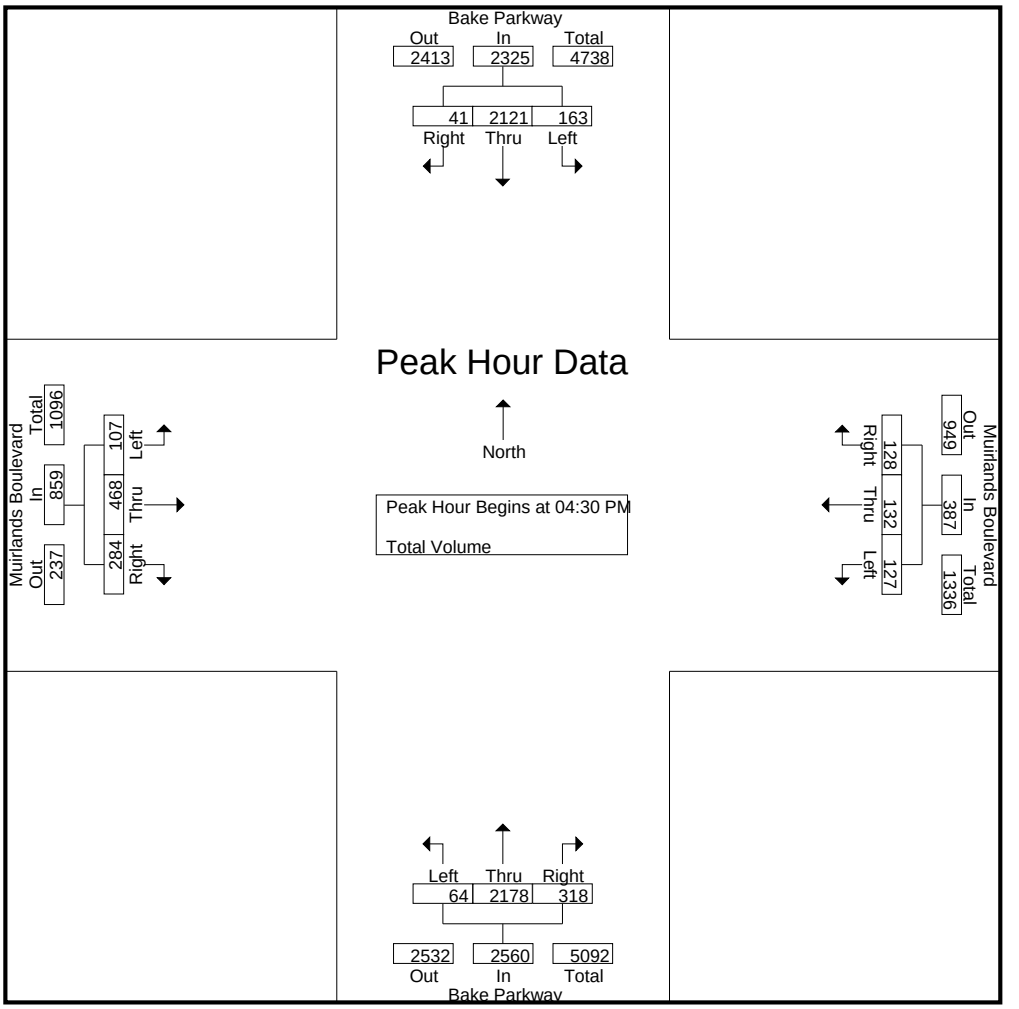
City of Irvine
N/S: Bake Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 365_IRV_Bake_Muir PM
Site Code : 05124139
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				05:00 PM				04:30 PM			
+0 mins.	27	512	9	548	28	23	32	83	16	570	75	661	18	85	76	179
+15 mins.	41	485	10	536	31	35	31	97	14	556	76	646	**32**	99	52	183
+30 mins.	**50**	**584**	**11**	**645**	**38**	36	**46**	**120**	17	570	**94**	**681**	25	134	**88**	247
+45 mins.	45	540	11	596	30	**38**	19	87	**26**	**573**	82	681	32	**150**	68	**250**
Total Volume	163	2121	41	2325	127	132	128	387	73	2269	327	2669	107	468	284	859
% App. Total	7	91.2	1.8		32.8	34.1	33.1		2.7	85	12.3		12.5	54.5	33.1	
PHF	.815	.908	.932	.901	.836	.868	.696	.806	.702	.990	.870	.980	.836	.780	.807	.859

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City of Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway
Weather: Clear

File Name : 366_IRV_Rock_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	3	14	17	17	460	1	478	21	5	17	43	35	441	98	574	1112
07:15 AM	0	8	11	19	12	502	1	515	34	11	23	68	23	440	97	560	1162
07:30 AM	0	3	19	22	17	583	1	601	33	12	22	67	26	513	124	663	1353
07:45 AM	0	7	25	32	31	547	5	583	30	9	27	66	44	645	131	820	1501
Total	0	21	69	90	77	2092	8	2177	118	37	89	244	128	2039	450	2617	5128
08:00 AM	1	9	26	36	33	476	4	513	43	20	27	90	54	559	116	729	1368
08:15 AM	0	7	26	33	45	571	4	620	43	30	28	101	42	564	143	749	1503
08:30 AM	1	6	14	21	34	479	3	516	43	16	27	86	37	515	110	662	1285
08:45 AM	2	7	15	24	39	443	1	483	46	9	39	94	34	536	133	703	1304
Total	4	29	81	114	151	1969	12	2132	175	75	121	371	167	2174	502	2843	5460
Grand Total	4	50	150	204	228	4061	20	4309	293	112	210	615	295	4213	952	5460	10588
Apprch %	2	24.5	73.5		5.3	94.2	0.5		47.6	18.2	34.1		5.4	77.2	17.4		
Total %	0	0.5	1.4	1.9	2.2	38.4	0.2	40.7	2.8	1.1	2	5.8	2.8	39.8	9	51.6	

4.1-589

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	3	19	22	17	**583**	1	601	33	12	22	67	26	513	124	663	1353
07:45 AM	0	7	25	32	31	547	**5**	583	30	9	27	66	44	**645**	131	**820**	1501
08:00 AM	**1**	**9**	**26**	**36**	33	476	4	513	**43**	20	27	90	**54**	559	116	729	1368
08:15 AM	0	7	26	33	**45**	571	4	**620**	43	**30**	**28**	**101**	42	564	**143**	749	**1503**
Total Volume	1	26	96	123	126	2177	14	2317	149	71	104	324	166	2281	514	2961	5725
% App. Total	0.8	21.1	78		5.4	94	0.6		46	21.9	32.1		5.6	77	17.4		
PHF	.250	.722	.923	.854	.700	.934	.700	.934	.866	.592	.929	.802	.769	.884	.899	.903	.952

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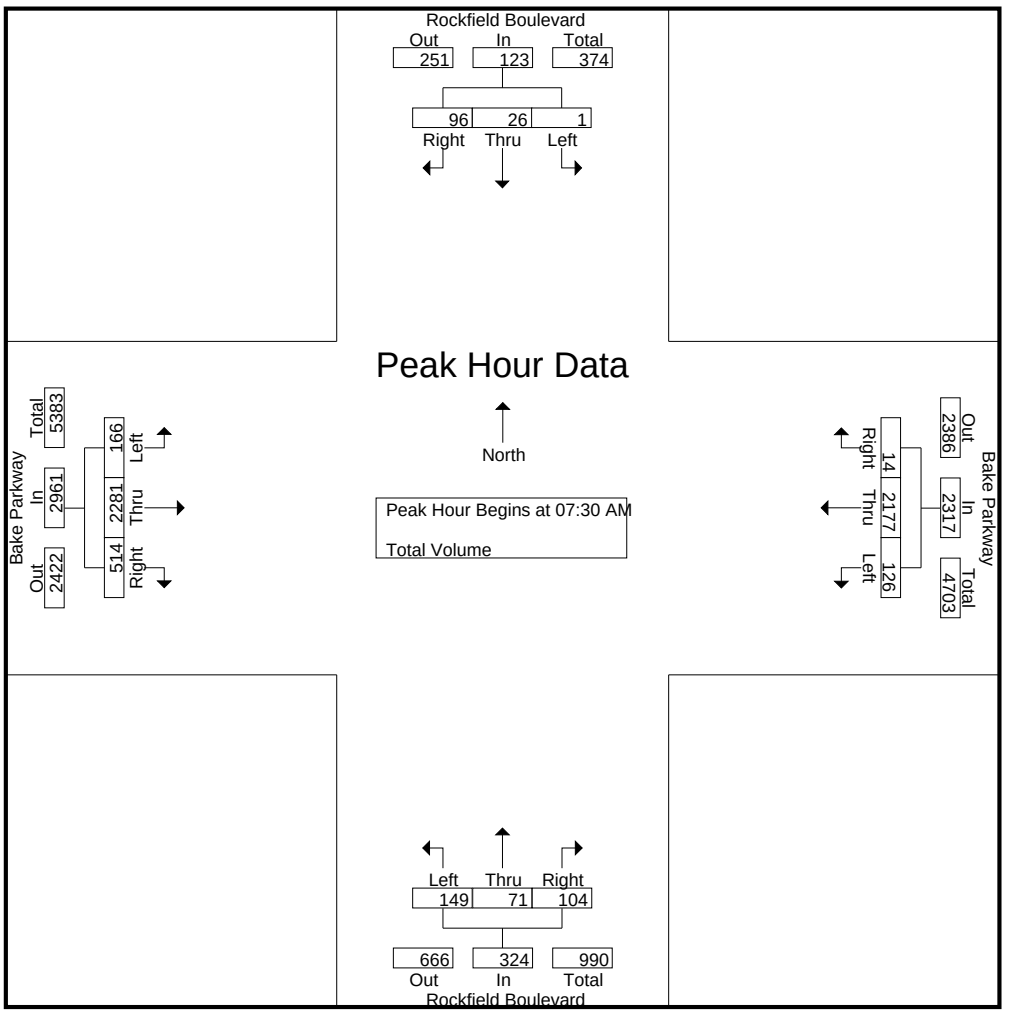
City of Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway
Weather: Clear

File Name : 366_IRV_Rock_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				08:00 AM				07:30 AM			
+0 mins.	0	3	19	22	17	**583**	1	601	43	20	27	90	26	513	124	663
+15 mins.	0	7	25	32	31	547	**5**	583	43	**30**	28	**101**	44	**645**	131	**820**
+30 mins.	**1**	**9**	**26**	**36**	33	476	4	513	43	16	27	86	**54**	559	116	729
+45 mins.	0	7	26	33	**45**	571	4	**620**	**46**	9	**39**	94	42	564	**143**	749
Total Volume	1	26	96	123	126	2177	14	2317	175	75	121	371	166	2281	514	2961
% App. Total	0.8	21.1	78		5.4	94	0.6		47.2	20.2	32.6		5.6	77	17.4	
PHF	.250	.722	.923	.854	.700	.934	.700	.934	.951	.625	.776	.918	.769	.884	.899	.903

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Corona, CA 92878
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City of Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway
Weather: Clear

File Name : 366_IRV_Rock_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	9	139	153	27	528	0	555	95	8	41	144	13	513	58	584	1436
04:15 PM	4	15	50	69	24	574	1	599	80	2	19	101	5	538	70	613	1382
04:30 PM	4	18	87	109	29	528	1	558	127	12	42	181	10	534	65	609	1457
04:45 PM	3	5	79	87	29	518	1	548	106	4	49	159	3	562	63	628	1422
Total	16	47	355	418	109	2148	3	2260	408	26	151	585	31	2147	256	2434	5697
05:00 PM	3	12	104	119	32	560	3	595	157	6	53	216	4	578	45	627	1557
05:15 PM	3	11	74	88	31	579	0	610	112	8	36	156	6	616	52	674	1528
05:30 PM	2	6	40	48	19	444	1	464	75	6	35	116	5	562	58	625	1253
05:45 PM	2	11	34	47	26	472	4	502	75	3	32	110	10	574	63	647	1306
Total	10	40	252	302	108	2055	8	2171	419	23	156	598	25	2330	218	2573	5644
06:00 PM	3	4	21	28	16	417	1	434	104	6	24	134	5	481	42	528	1124
06:15 PM	4	3	20	27	14	392	3	409	62	5	26	93	1	472	35	508	1037
Grand Total	33	94	648	775	247	5012	15	5274	993	60	357	1410	62	5430	551	6043	13502
Apprch %	4.3	12.1	83.6		4.7	95	0.3		70.4	4.3	25.3		1	89.9	9.1		
Total %	0.2	0.7	4.8	5.7	1.8	37.1	0.1	39.1	7.4	0.4	2.6	10.4	0.5	40.2	4.1	44.8	

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**4**	**18**	87	109	29	528	1	558	127	**12**	42	181	**10**	534	**65**	609	1457
04:45 PM	3	5	79	87	29	518	1	548	106	4	49	159	3	562	63	628	1422
05:00 PM	3	12	**104**	**119**	**32**	560	**3**	595	**157**	6	**53**	**216**	4	578	45	627	**1557**
05:15 PM	3	11	74	88	31	**579**	0	**610**	112	8	36	156	6	**616**	52	**674**	1528
Total Volume	13	46	344	403	121	2185	5	2311	502	30	180	712	23	2290	225	2538	5964
% App. Total	3.2	11.4	85.4		5.2	94.5	0.2		70.5	4.2	25.3		0.9	90.2	8.9		
PHF	.813	.639	.827	.847	.945	.943	.417	.947	.799	.625	.849	.824	.575	.929	.865	.941	.958

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City of Irvine
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Weather: Clear

File Name : 366_IRV_Rock_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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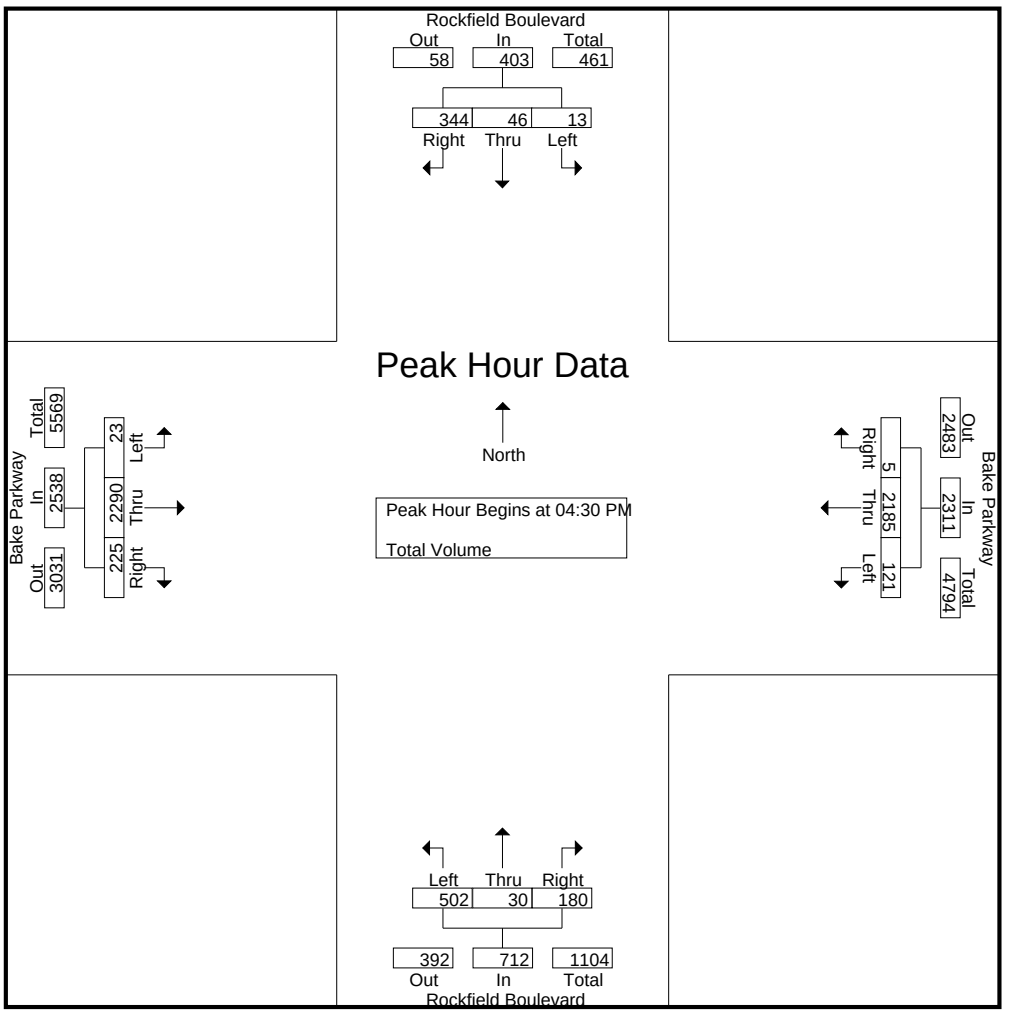

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:30 PM				05:00 PM			
+0 mins.	**5**	9	**139**	**153**	29	528	1	558	127	**12**	42	181	4	578	45	627
+15 mins.	4	15	50	69	29	518	1	548	106	4	49	159	6	**616**	52	**674**
+30 mins.	4	**18**	87	109	**32**	560	**3**	595	**157**	6	**53**	**216**	5	562	58	625
+45 mins.	3	5	79	87	31	**579**	0	**610**	112	8	36	156	**10**	574	**63**	647
Total Volume	16	47	355	418	121	2185	5	2311	502	30	180	712	25	2330	218	2573
% App. Total	3.8	11.2	84.9		5.2	94.5	0.2		70.5	4.2	25.3		1	90.6	8.5	
PHF	.800	.653	.638	.683	.945	.943	.417	.947	.799	.625	.849	.824	.625	.946	.865	.954

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City of Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway
Weather: Clear

File Name : 366_IRV_Rock_Bake Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	6	7	13	5	391	0	396	21	10	9	40	35	460	93	588	1037
07:15 AM	2	3	12	17	12	411	2	425	23	11	7	41	19	464	88	571	1054
07:30 AM	0	2	11	13	17	545	0	562	29	8	17	54	30	546	112	688	1317
07:45 AM	1	7	26	34	22	445	4	471	27	18	22	67	43	522	128	693	1265
Total	3	18	56	77	56	1792	6	1854	100	47	55	202	127	1992	421	2540	4673
08:00 AM	1	9	32	42	21	442	0	463	24	15	27	66	59	535	114	708	1279
08:15 AM	0	6	27	33	37	496	1	534	29	11	25	65	39	544	96	679	1311
08:30 AM	0	4	12	16	33	465	2	500	50	7	40	97	28	451	121	600	1213
08:45 AM	2	8	7	17	30	491	3	524	44	17	28	89	34	585	123	742	1372
Total	3	27	78	108	121	1894	6	2021	147	50	120	317	160	2115	454	2729	5175
Grand Total	6	45	134	185	177	3686	12	3875	247	97	175	519	287	4107	875	5269	9848
Apprch %	3.2	24.3	72.4		4.6	95.1	0.3		47.6	18.7	33.7		5.4	77.9	16.6		
Total %	0.1	0.5	1.4	1.9	1.8	37.4	0.1	39.3	2.5	1	1.8	5.3	2.9	41.7	8.9	53.5	

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	**9**	**32**	**42**	21	442	0	463	24	15	27	66	**59**	535	114	708	1279
08:15 AM	0	6	27	33	**37**	**496**	1	**534**	29	11	25	65	39	544	96	679	1311
08:30 AM	0	4	12	16	33	465	2	500	**50**	7	**40**	**97**	28	451	121	600	1213
08:45 AM	**2**	8	7	17	30	491	**3**	524	44	**17**	28	89	34	**585**	**123**	**742**	**1372**
Total Volume	3	27	78	108	121	1894	6	2021	147	50	120	317	160	2115	454	2729	5175
% App. Total	2.8	25	72.2		6	93.7	0.3		46.4	15.8	37.9		5.9	77.5	16.6		
PHF	.375	.750	.609	.643	.818	.955	.500	.946	.735	.735	.750	.817	.678	.904	.923	.919	.943

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File Name : 366_IRV_Rock_Bake Thu AM
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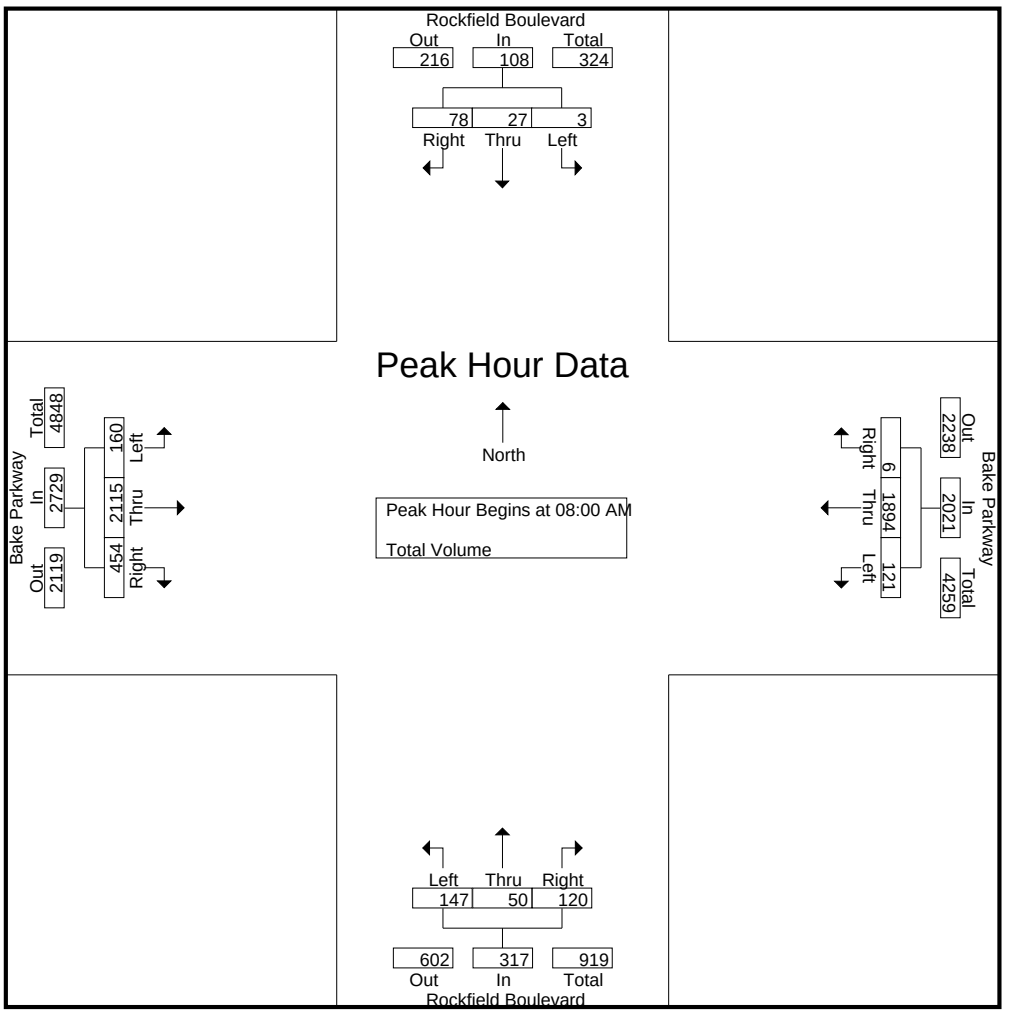

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				08:00 AM				07:30 AM			
+0 mins.	**1**	7	26	34	17	**545**	0	**562**	24	15	27	66	30	**546**	112	688
+15 mins.	1	**9**	**32**	**42**	22	445	**4**	471	29	11	25	65	43	522	**128**	693
+30 mins.	0	6	27	33	21	442	0	463	**50**	7	**40**	**97**	**59**	535	114	**708**
+45 mins.	0	4	12	16	**37**	496	1	534	44	**17**	28	89	39	544	96	679
Total Volume	2	26	97	125	97	1928	5	2030	147	50	120	317	171	2147	450	2768
% App. Total	1.6	20.8	77.6		4.8	95	0.2		46.4	15.8	37.9		6.2	77.6	16.3	
PHF	.500	.722	.758	.744	.655	.884	.313	.903	.735	.735	.750	.817	.725	.983	.879	.977

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File Name : 366_IRV_Rock_Bake Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	7	92	100	61	538	2	601	93	2	38	133	10	513	60	583	1417
04:15 PM	3	14	43	60	39	513	2	554	70	12	29	111	12	532	72	616	1341
04:30 PM	3	10	62	75	29	516	2	547	102	8	36	146	7	534	54	595	1363
04:45 PM	3	12	65	80	29	517	2	548	71	9	37	117	4	587	53	644	1389
Total	10	43	262	315	158	2084	8	2250	336	31	140	507	33	2166	239	2438	5510
05:00 PM	3	22	99	124	38	562	1	601	142	11	48	201	7	555	57	619	1545
05:15 PM	5	18	65	88	29	571	2	602	116	7	45	168	6	627	78	711	1569
05:30 PM	3	4	52	59	18	483	0	501	95	3	47	145	8	646	51	705	1410
05:45 PM	2	4	30	36	26	465	0	491	74	2	20	96	7	546	56	609	1232
Total	13	48	246	307	111	2081	3	2195	427	23	160	610	28	2374	242	2644	5756
06:00 PM	3	8	11	22	23	472	4	499	133	4	27	164	2	516	52	570	1255
06:15 PM	3	7	23	33	20	452	1	473	69	1	14	84	4	516	47	567	1157
Grand Total	29	106	542	677	312	5089	16	5417	965	59	341	1365	67	5572	580	6219	13678
Apprch %	4.3	15.7	80.1		5.8	93.9	0.3		70.7	4.3	25		1.1	89.6	9.3		
Total %	0.2	0.8	4	4.9	2.3	37.2	0.1	39.6	7.1	0.4	2.5	10	0.5	40.7	4.2	45.5	

	Rockfield Boulevard Southbound				Bake Parkway Westbound				Rockfield Boulevard Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	3	12	65	80	29	517	**2**	548	71	9	37	117	4	587	53	644	1389
05:00 PM	3	**22**	**99**	**124**	**38**	562	1	601	**142**	**11**	**48**	**201**	7	555	57	619	1545
05:15 PM	**5**	18	65	88	29	**571**	2	**602**	116	7	45	168	6	627	**78**	**711**	**1569**
05:30 PM	3	4	52	59	18	483	0	501	95	3	47	145	**8**	**646**	51	705	1410
Total Volume	14	56	281	351	114	2133	5	2252	424	30	177	631	25	2415	239	2679	5913
% App. Total	4	16	80.1		5.1	94.7	0.2		67.2	4.8	28.1		0.9	90.1	8.9		
PHF	.700	.636	.710	.708	.750	.934	.625	.935	.746	.682	.922	.785	.781	.935	.766	.942	.942

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City of Irvine
N/S: Rockfield Boulevard
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Site Code : 19224028
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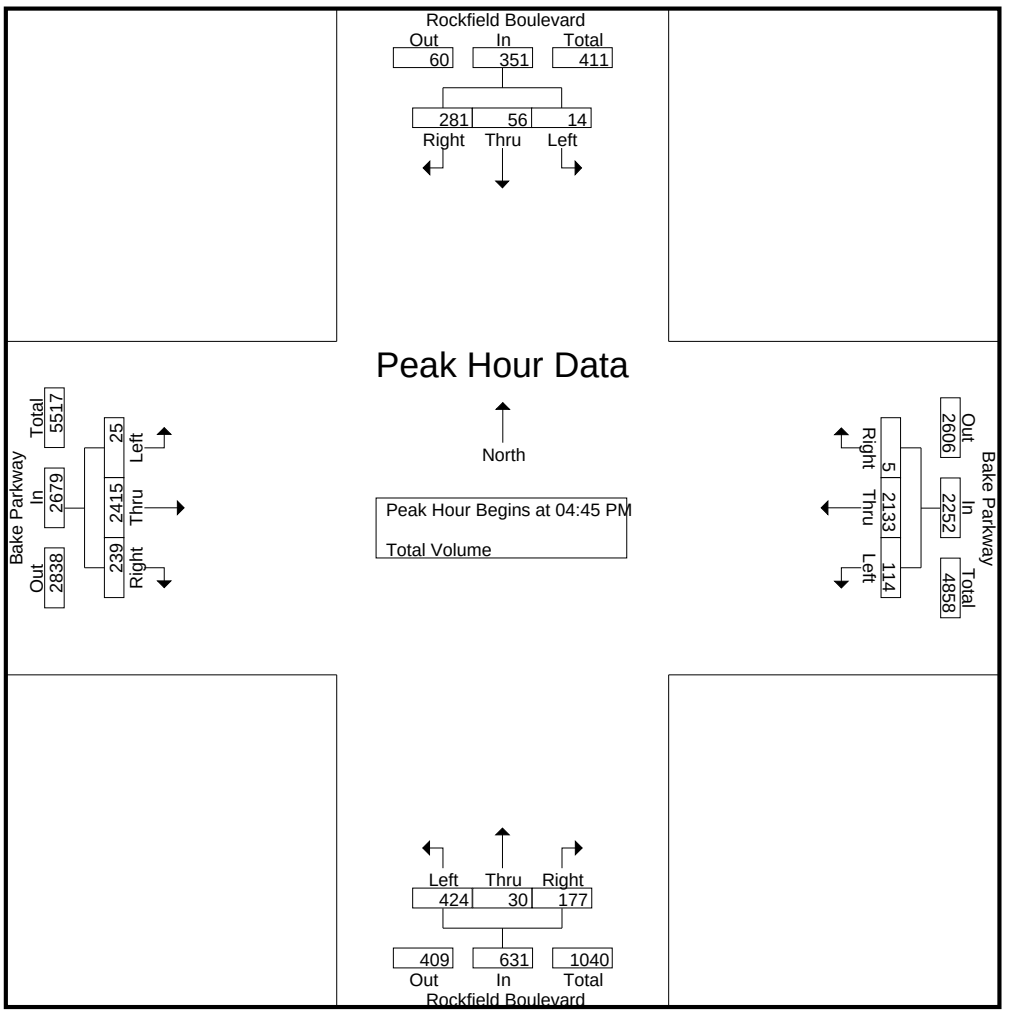

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	3	10	62	75	29	516	**2**	547	102	8	36	146	4	587	53	644
+15 mins.	3	12	65	80	29	517	2	548	71	9	37	117	7	555	57	619
+30 mins.	3	**22**	**99**	**124**	**38**	562	1	601	**142**	**11**	**48**	**201**	6	627	**78**	**711**
+45 mins.	**5**	18	65	88	29	**571**	2	**602**	116	7	45	168	**8**	**646**	51	705
Total Volume	14	62	291	367	125	2166	7	2298	431	35	166	632	25	2415	239	2679
% App. Total	3.8	16.9	79.3		5.4	94.3	0.3		68.2	5.5	26.3		0.9	90.1	8.9	
PHF	.700	.705	.735	.740	.822	.948	.875	.954	.759	.795	.865	.786	.781	.935	.766	.942

Location: Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Rockfield Boulevard	East Leg Bake Parkway	South Leg Rockfield Boulevard	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	1	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	1	0	0	2

	North Leg Rockfield Boulevard	East Leg Bake Parkway	South Leg Rockfield Boulevard	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	1	0	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	0	3	0	0	3

Location: Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Rockfield Boulevard			Westbound Bake Parkway			Northbound Rockfield Boulevard			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	0	0	0	0	2

	Southbound Rockfield Boulevard			Westbound Bake Parkway			Northbound Rockfield Boulevard			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	1	0	0	0	0	2

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Location: Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Rockfield Boulevard	East Leg Bake Parkway	South Leg Rockfield Boulevard	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	1	1	0	0	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	2	0	0	3

	North Leg Rockfield Boulevard	East Leg Bake Parkway	South Leg Rockfield Boulevard	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	0	1	0	0	1

Location: Irvine
N/S: Rockfield Boulevard
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Rockfield Boulevard			Westbound Bake Parkway			Northbound Rockfield Boulevard			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	1	0	0	1	0	0	0	0	3

	Southbound Rockfield Boulevard			Westbound Bake Parkway			Northbound Rockfield Boulevard			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
4:45 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	1	0	3	0	5

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 367_IRV_5N_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	73	342	415	14	0	112	126	0	504	29	533	1074
07:15 AM	0	0	0	0	0	104	471	575	27	0	111	138	0	508	51	559	1272
07:30 AM	0	0	0	0	0	114	498	612	22	0	122	144	0	562	40	602	1358
07:45 AM	0	0	0	0	0	174	497	671	22	0	164	186	0	739	35	774	1631
Total	0	0	0	0	0	465	1808	2273	85	0	509	594	0	2313	155	2468	5335
08:00 AM	0	0	0	0	0	144	426	570	32	0	141	173	0	584	52	636	1379
08:15 AM	0	0	0	0	0	178	446	624	34	0	175	209	0	591	58	649	1482
08:30 AM	0	0	0	0	0	171	406	577	33	0	144	177	0	559	48	607	1361
08:45 AM	0	0	0	0	0	195	331	526	41	0	151	192	0	549	41	590	1308
Total	0	0	0	0	0	688	1609	2297	140	0	611	751	0	2283	199	2482	5530
Grand Total	0	0	0	0	0	1153	3417	4570	225	0	1120	1345	0	4596	354	4950	10865
Apprch %	0	0	0		0	25.2	74.8		16.7	0	83.3		0	92.8	7.2		
Total %	0	0	0	0	0	10.6	31.4	42.1	2.1	0	10.3	12.4	0	42.3	3.3	45.6	

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	174	**497**	**671**	22	0	164	186	0	**739**	35	**774**	**1631**
08:00 AM	0	0	0	0	0	144	426	570	32	0	141	173	0	584	52	636	1379
08:15 AM	0	0	0	0	0	**178**	446	624	**34**	0	**175**	**209**	0	591	**58**	649	1482
08:30 AM	0	0	0	0	0	171	406	577	33	0	144	177	0	559	48	607	1361
Total Volume	0	0	0	0	0	667	1775	2442	121	0	624	745	0	2473	193	2666	5853
% App. Total	0	0	0		0	27.3	72.7		16.2	0	83.8		0	92.8	7.2		
PHF	.000	.000	.000	.000	.000	.937	.893	.910	.890	.000	.891	.891	.000	.837	.832	.861	.897

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 367_IRV_5N_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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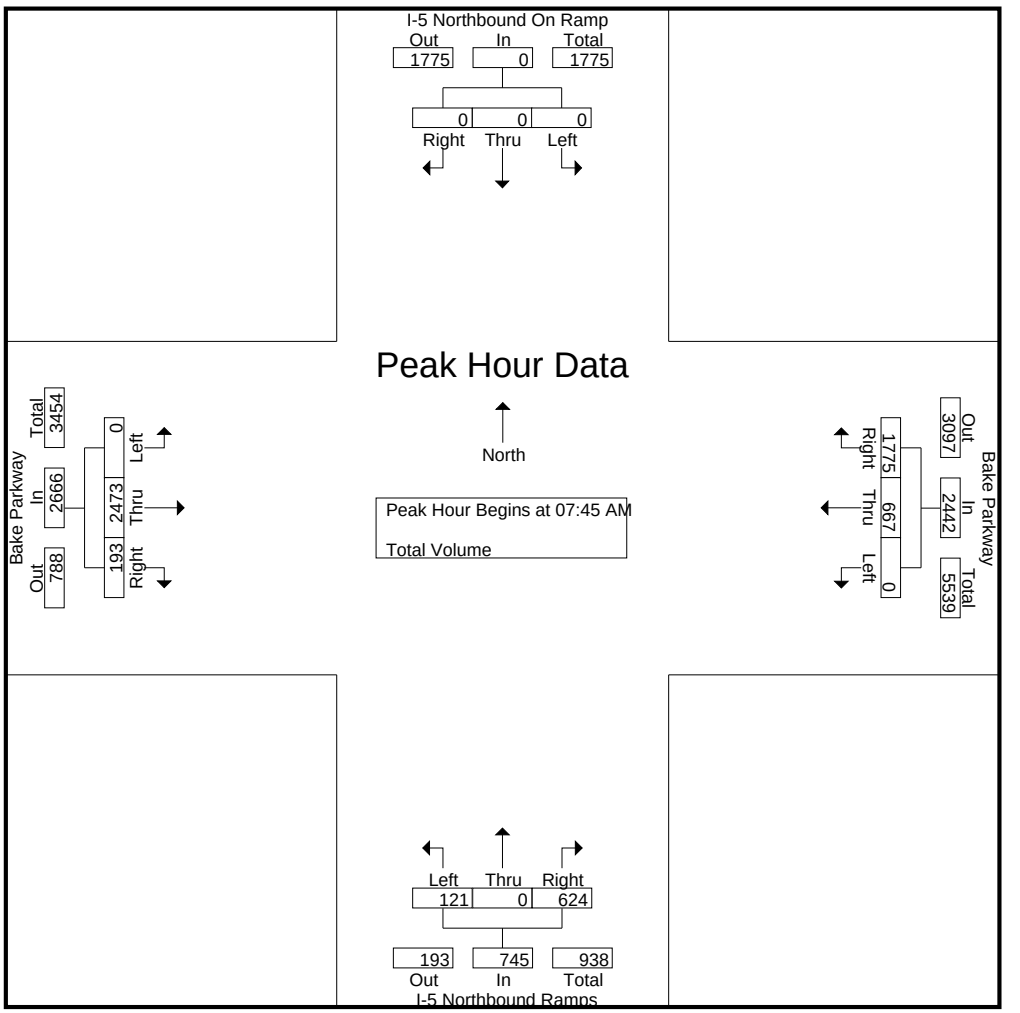

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				08:00 AM				07:45 AM			
+0 mins.	0	0	0	0	0	114	**498**	612	32	0	141	173	0	**739**	35	**774**
+15 mins.	0	0	0	0	0	174	497	**671**	34	0	**175**	**209**	0	584	52	636
+30 mins.	0	0	0	0	0	144	426	570	33	0	144	177	0	591	**58**	649
+45 mins.	0	0	0	0	0	**178**	446	624	**41**	0	151	192	0	559	48	607
Total Volume	0	0	0	0	0	610	1867	2477	140	0	611	751	0	2473	193	2666
% App. Total	0	0	0		0	24.6	75.4		18.6	0	81.4		0	92.8	7.2	
PHF	.000	.000	.000	.000	.000	.857	.937	.923	.854	.000	.873	.898	.000	.837	.832	.861

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 367_IRV_5N_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	182	579	761	36	0	65	101	0	562	200	762	1624
04:15 PM	0	0	0	0	0	196	540	736	26	0	68	94	0	563	138	701	1531
04:30 PM	0	0	0	0	0	228	510	738	21	0	73	94	0	558	156	714	1546
04:45 PM	0	0	0	0	0	213	526	739	29	0	77	106	0	626	154	780	1625
Total	0	0	0	0	0	819	2155	2974	112	0	283	395	0	2309	648	2957	6326
05:00 PM	0	0	0	0	0	246	622	868	20	0	59	79	0	594	153	747	1694
05:15 PM	0	0	0	0	0	264	547	811	26	0	77	103	0	580	154	734	1648
05:30 PM	0	0	0	0	0	181	409	590	28	0	71	99	0	633	161	794	1483
05:45 PM	0	0	0	0	0	189	394	583	26	0	65	91	0	626	145	771	1445
Total	0	0	0	0	0	880	1972	2852	100	0	272	372	0	2433	613	3046	6270
06:00 PM	0	0	0	0	0	166	402	568	21	0	55	76	0	519	159	678	1322
06:15 PM	0	0	0	0	0	157	353	510	18	0	50	68	0	523	141	664	1242
Grand Total	0	0	0	0	0	2022	4882	6904	251	0	660	911	0	5784	1561	7345	15160
Apprch %	0	0	0		0	29.3	70.7		27.6	0	72.4		0	78.7	21.3		
Total %	0	0	0	0	0	13.3	32.2	45.5	1.7	0	4.4	6	0	38.2	10.3	48.4	

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	228	510	738	21	0	73	94	0	558	**156**	714	1546
04:45 PM	0	0	0	0	0	213	526	739	**29**	0	**77**	**106**	0	**626**	154	**780**	1625
05:00 PM	0	0	0	0	0	246	**622**	**868**	20	0	59	79	0	594	153	747	**1694**
05:15 PM	0	0	0	0	0	**264**	547	811	26	0	77	103	0	580	154	734	1648
Total Volume	0	0	0	0	0	951	2205	3156	96	0	286	382	0	2358	617	2975	6513
% App. Total	0	0	0		0	30.1	69.9		25.1	0	74.9		0	79.3	20.7		
PHF	.000	.000	.000	.000	.000	.901	.886	.909	.828	.000	.929	.901	.000	.942	.989	.954	.961

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 367_IRV_5N_Bake Tue PM
Site Code : 19224028
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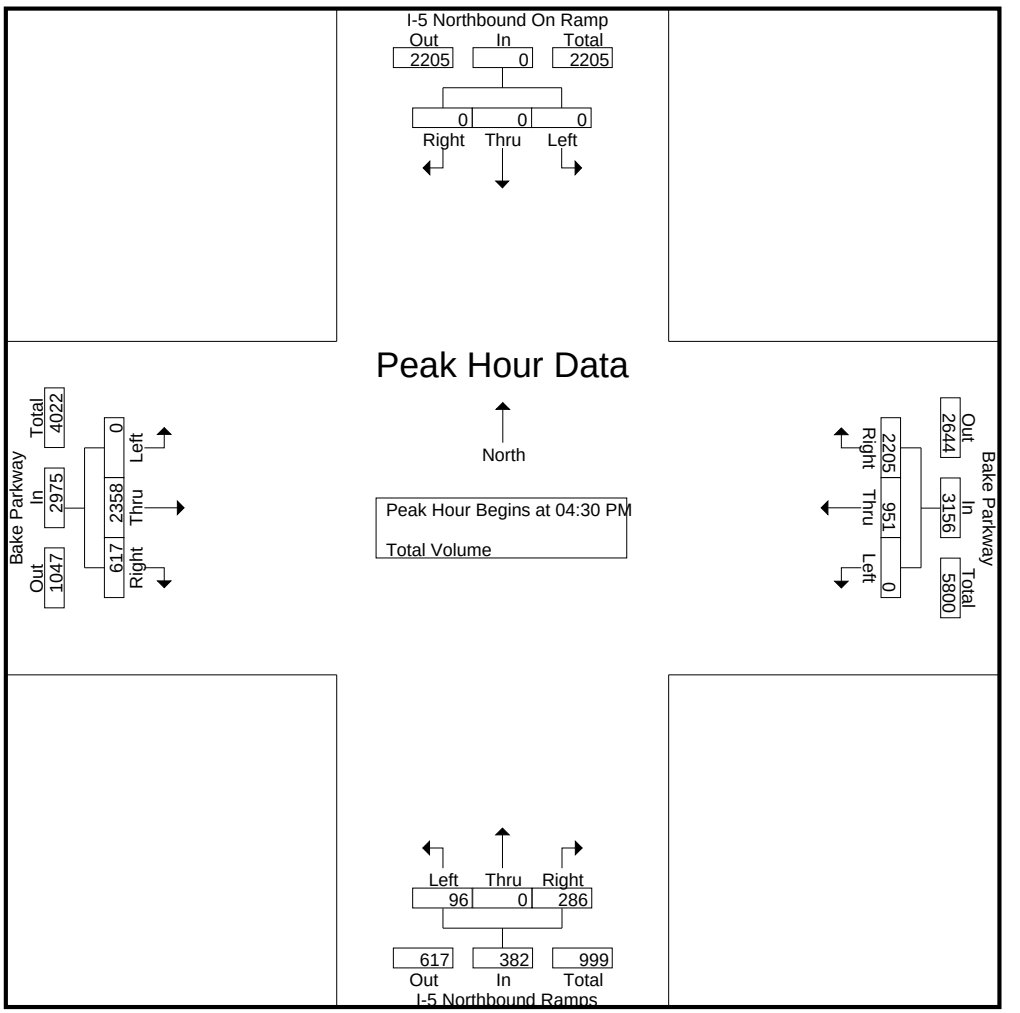

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	0	0	0	0	0	228	510	738	**36**	0	65	101	0	626	154	780
+15 mins.	0	0	0	0	0	213	526	739	26	0	68	94	0	594	153	747
+30 mins.	0	0	0	0	0	246	**622**	**868**	21	0	73	94	0	580	154	734
+45 mins.	0	0	0	0	0	**264**	547	811	29	0	**77**	**106**	0	**633**	**161**	**794**
Total Volume	0	0	0	0	0	951	2205	3156	112	0	283	395	0	2433	622	3055
% App. Total	0	0	0		0	30.1	69.9		28.4	0	71.6		0	79.6	20.4	
PHF	.000	.000	.000	.000	.000	.901	.886	.909	.778	.000	.919	.932	.000	.961	.966	.962

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 367_IRV_5N_Bake Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	53	331	384	15	0	95	110	0	473	32	505	999
07:15 AM	0	0	0	0	0	99	388	487	12	0	94	106	0	519	42	561	1154
07:30 AM	0	0	0	0	0	113	439	552	23	0	109	132	0	606	37	643	1327
07:45 AM	0	0	0	0	0	133	404	537	24	0	138	162	0	650	44	694	1393
Total	0	0	0	0	0	398	1562	1960	74	0	436	510	0	2248	155	2403	4873
08:00 AM	0	0	0	0	0	123	362	485	19	0	148	167	0	587	65	652	1304
08:15 AM	0	0	0	0	0	177	382	559	29	0	150	179	0	569	58	627	1365
08:30 AM	0	0	0	0	0	169	368	537	30	0	113	143	0	513	57	570	1250
08:45 AM	0	0	0	0	0	168	355	523	45	0	151	196	0	600	55	655	1374
Total	0	0	0	0	0	637	1467	2104	123	0	562	685	0	2269	235	2504	5293
Grand Total	0	0	0	0	0	1035	3029	4064	197	0	998	1195	0	4517	390	4907	10166
Apprch %	0	0	0		0	25.5	74.5		16.5	0	83.5		0	92.1	7.9		
Total %	0	0	0	0	0	10.2	29.8	40	1.9	0	9.8	11.8	0	44.4	3.8	48.3	

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	113	**439**	552	23	0	109	132	0	606	37	643	1327
07:45 AM	0	0	0	0	0	133	404	537	24	0	138	162	0	**650**	44	**694**	**1393**
08:00 AM	0	0	0	0	0	123	362	485	19	0	148	167	0	587	**65**	652	1304
08:15 AM	0	0	0	0	0	**177**	382	**559**	**29**	0	**150**	**179**	0	569	58	627	1365
Total Volume	0	0	0	0	0	546	1587	2133	95	0	545	640	0	2412	204	2616	5389
% App. Total	0	0	0		0	25.6	74.4		14.8	0	85.2		0	92.2	7.8		
PHF	.000	.000	.000	.000	.000	.771	.904	.954	.819	.000	.908	.894	.000	.928	.785	.942	.967

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Bake Parkway
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File Name : 367_IRV_5N_Bake Thu AM
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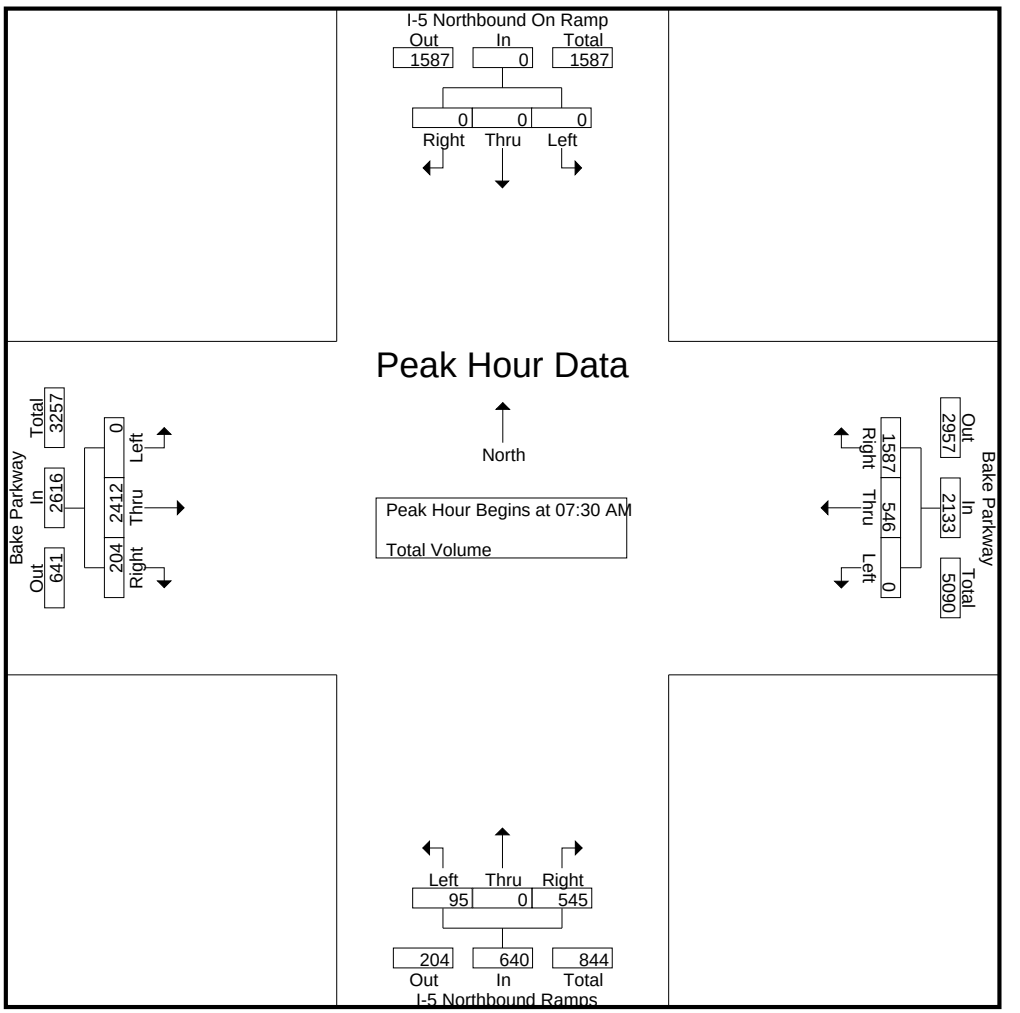

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				08:00 AM				07:30 AM			
+0 mins.	0	0	0	0	0	113	**439**	552	19	0	148	167	0	606	37	643
+15 mins.	0	0	0	0	0	133	404	537	29	0	150	179	0	**650**	44	**694**
+30 mins.	0	0	0	0	0	123	362	485	30	0	113	143	0	587	**65**	652
+45 mins.	0	0	0	0	0	**177**	382	**559**	**45**	0	**151**	**196**	0	569	58	627
Total Volume	0	0	0	0	0	546	1587	2133	123	0	562	685	0	2412	204	2616
% App. Total	0	0	0		0	25.6	74.4		18	0	82		0	92.2	7.8	
PHF	.000	.000	.000	.000	.000	.771	.904	.954	.683	.000	.930	.874	.000	.928	.785	.942

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File Name : 367_IRV_5N_Bake Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	216	552	768	20	0	75	95	0	515	197	712	1575
04:15 PM	0	0	0	0	0	201	512	713	23	0	50	73	0	607	116	723	1509
04:30 PM	0	0	0	0	0	209	468	677	27	0	79	106	0	545	168	713	1496
04:45 PM	0	0	0	0	0	216	471	687	21	0	66	87	0	601	149	750	1524
Total	0	0	0	0	0	842	2003	2845	91	0	270	361	0	2268	630	2898	6104
05:00 PM	0	0	0	0	0	242	590	832	30	0	65	95	0	601	197	798	1725
05:15 PM	0	0	0	0	0	254	556	810	30	0	67	97	0	695	193	888	1795
05:30 PM	0	0	0	0	0	194	424	618	21	0	66	87	0	685	167	852	1557
05:45 PM	0	0	0	0	0	176	332	508	27	0	69	96	0	562	139	701	1305
Total	0	0	0	0	0	866	1902	2768	108	0	267	375	0	2543	696	3239	6382
06:00 PM	0	0	0	0	0	163	371	534	18	0	43	61	0	531	140	671	1266
06:15 PM	0	0	0	0	0	155	340	495	10	0	60	70	0	529	139	668	1233
Grand Total	0	0	0	0	0	2026	4616	6642	227	0	640	867	0	5871	1605	7476	14985
Apprch %	0	0	0		0	30.5	69.5		26.2	0	73.8		0	78.5	21.5		
Total %	0	0	0	0	0	13.5	30.8	44.3	1.5	0	4.3	5.8	0	39.2	10.7	49.9	

	I-5 Northbound On Ramp Southbound				Bake Parkway Westbound				I-5 Northbound Ramps Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	216	471	687	21	0	66	87	0	601	149	750	1524
05:00 PM	0	0	0	0	0	242	**590**	**832**	**30**	0	65	95	0	601	**197**	798	1725
05:15 PM	0	0	0	0	0	**254**	556	810	30	0	**67**	**97**	0	**695**	193	**888**	**1795**
05:30 PM	0	0	0	0	0	194	424	618	21	0	66	87	0	685	167	852	1557
Total Volume	0	0	0	0	0	906	2041	2947	102	0	264	366	0	2582	706	3288	6601
% App. Total	0	0	0		0	30.7	69.3		27.9	0	72.1		0	78.5	21.5		
PHF	.000	.000	.000	.000	.000	.892	.865	.886	.850	.000	.985	.943	.000	.929	.896	.926	.919

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File Name : 367_IRV_5N_Bake Thu PM
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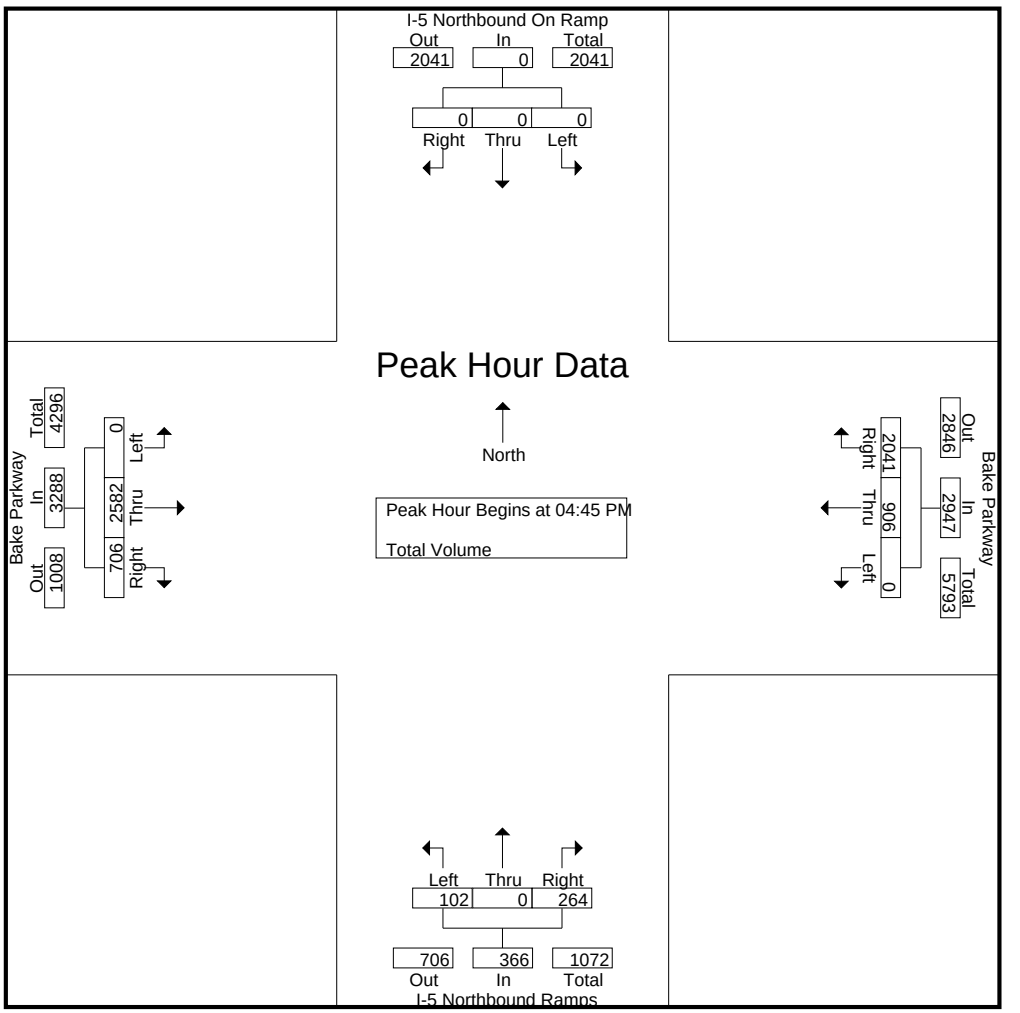

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	0	0	0	0	0	209	468	677	27	0	**79**	**106**	0	601	149	750
+15 mins.	0	0	0	0	0	216	471	687	21	0	66	87	0	601	**197**	798
+30 mins.	0	0	0	0	0	242	**590**	**832**	**30**	0	65	95	0	**695**	193	**888**
+45 mins.	0	0	0	0	0	**254**	556	810	30	0	67	97	0	685	167	852
Total Volume	0	0	0	0	0	921	2085	3006	108	0	277	385	0	2582	706	3288
% App. Total	0	0	0		0	30.6	69.4		28.1	0	71.9		0	78.5	21.5	
PHF	.000	.000	.000	.000	.000	.906	.883	.903	.900	.000	.877	.908	.000	.929	.896	.926

Location: Irvine
N/S: I-5 NB Ramps
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg I-5 NB Ramps Pedestrians	East Leg Bake Parkway Pedestrians	South Leg I-5 NB Ramps Pedestrians	West Leg Bake Parkway Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	0	2	0	2

	North Leg I-5 NB Ramps Pedestrians	East Leg Bake Parkway Pedestrians	South Leg I-5 NB Ramps Pedestrians	West Leg Bake Parkway Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	1	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	3	0	3

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: I-5 NB Ramps
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound I-5 NB Ramps			Westbound Bake Parkway			Northbound I-5 NB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound I-5 NB Ramps			Westbound Bake Parkway			Northbound I-5 NB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	0	0	1

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-9208

Location: Irvine
N/S: I-5 NB Ramps
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg I-5 NB Ramps	East Leg Bake Parkway	South Leg I-5 NB Ramps	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	0	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	4	0	4

	North Leg I-5 NB Ramps	East Leg Bake Parkway	South Leg I-5 NB Ramps	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-9268

Location: Irvine
N/S: I-5 NB Ramps
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound I-5 NB Ramps			Westbound Bake Parkway			Northbound I-5 NB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	1	0	2

	Southbound I-5 NB Ramps			Westbound Bake Parkway			Northbound I-5 NB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	4	0	4

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951-268-9268

Counts Unlimited, Inc.
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Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

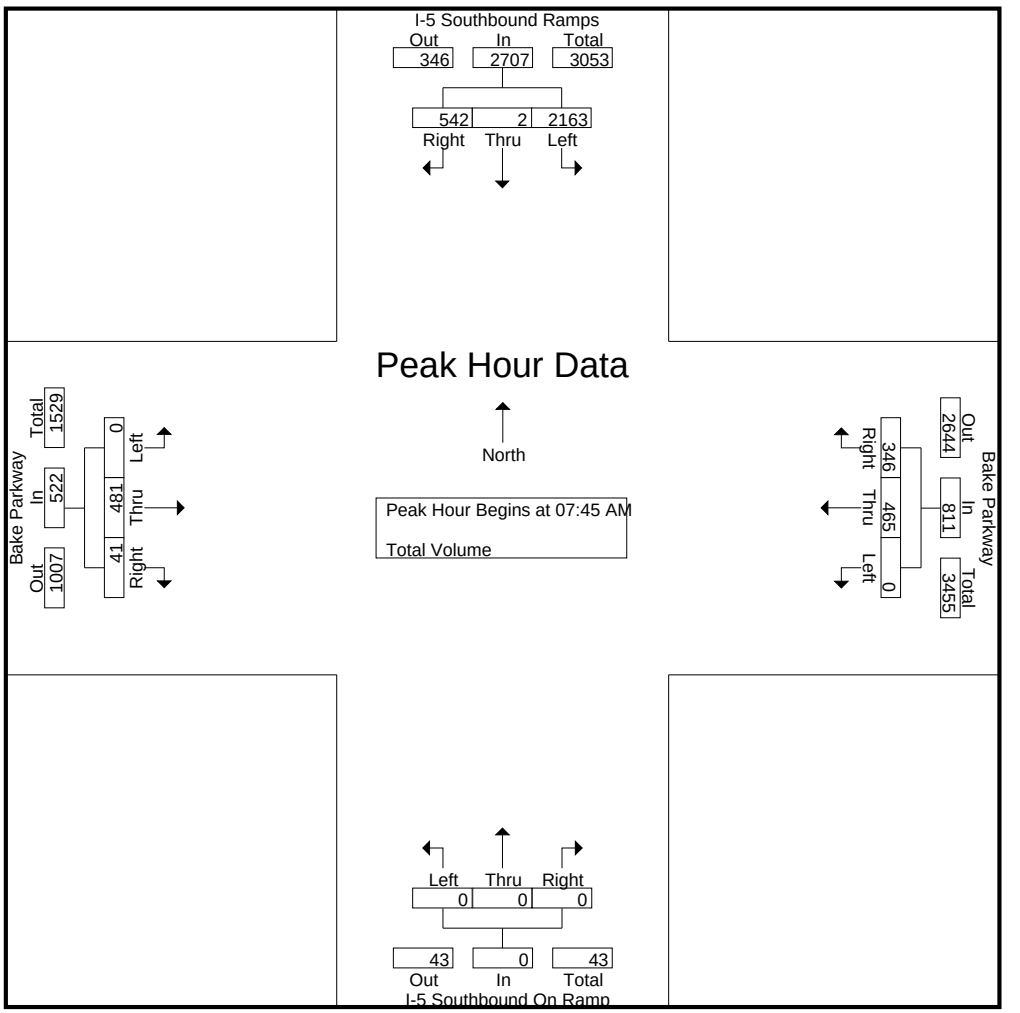
	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	465	1	77	543	0	41	43	84	0	0	0	0	0	72	4	76	703
07:15 AM	471	0	78	549	0	69	68	137	0	0	0	0	0	75	9	84	770
07:30 AM	550	1	90	641	0	73	71	144	0	0	0	0	0	92	5	97	882
07:45 AM	622	0	145	767	0	107	92	199	0	0	0	0	0	116	9	125	1091
Total	2108	2	390	2500	0	290	274	564	0	0	0	0	0	355	27	382	3446
08:00 AM	549	1	113	663	0	102	82	184	0	0	0	0	0	103	11	114	961
08:15 AM	469	1	131	601	0	121	82	203	0	0	0	0	0	142	10	152	956
08:30 AM	523	0	153	676	0	135	90	225	0	0	0	0	0	120	11	131	1032
08:45 AM	525	0	144	669	0	148	71	219	0	0	0	0	0	90	12	102	990
Total	2066	2	541	2609	0	506	325	831	0	0	0	0	0	455	44	499	3939
Grand Total	4174	4	931	5109	0	796	599	1395	0	0	0	0	0	810	71	881	7385
Apprch %	81.7	0.1	18.2		0	57.1	42.9		0	0	0		0	91.9	8.1		
Total %	56.5	0.1	12.6	69.2	0	10.8	8.1	18.9	0	0	0	0	0	11	1	11.9	

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**622**	0	145	**767**	0	107	**92**	199	0	0	0	0	0	116	9	125	**1091**
08:00 AM	549	**1**	113	663	0	102	82	184	0	0	0	0	0	103	**11**	114	961
08:15 AM	469	1	131	601	0	121	82	203	0	0	0	0	0	**142**	10	**152**	956
08:30 AM	523	0	**153**	676	0	**135**	90	**225**	0	0	0	0	0	120	11	131	1032
Total Volume	2163	2	542	2707	0	465	346	811	0	0	0	0	0	481	41	522	4040
% App. Total	79.9	0.1	20		0	57.3	42.7		0	0	0		0	92.1	7.9		
PHF	.869	.500	.886	.882	.000	.861	.940	.901	.000	.000	.000	.000	.000	.847	.932	.859	.926

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:00 AM				07:45 AM			
+0 mins.	**622**	0	145	**767**	0	102	82	184	0	0	0	0	0	116	9	125
+15 mins.	549	**1**	113	663	0	121	82	203	0	0	0	0	0	103	**11**	114
+30 mins.	469	1	131	601	0	135	**90**	**225**	0	0	0	0	0	**142**	10	**152**
+45 mins.	523	0	**153**	676	0	**148**	71	219	0	0	0	0	0	120	11	131
Total Volume	2163	2	542	2707	0	506	325	831	0	0	0	0	0	481	41	522
% App. Total	79.9	0.1	20		0	60.9	39.1		0	0	0		0	92.1	7.9	
PHF	.869	.500	.886	.882	.000	.855	.903	.923	.000	.000	.000	.000	.000	.847	.932	.859

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City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	471	3	42	516	0	97	125	222	0	0	0	0	0	295	26	321	1059
04:15 PM	494	1	43	538	0	99	105	204	0	0	0	0	0	210	21	231	973
04:30 PM	490	1	37	528	0	126	136	262	0	0	0	0	0	242	23	265	1055
04:45 PM	542	1	54	597	0	114	128	242	0	0	0	0	0	253	21	274	1113
Total	1997	6	176	2179	0	436	494	930	0	0	0	0	0	1000	91	1091	4200
05:00 PM	471	0	51	522	0	130	131	261	0	0	0	0	0	286	22	308	1091
05:15 PM	480	3	60	543	0	145	151	296	0	0	0	0	0	267	17	284	1123
05:30 PM	519	2	48	569	0	116	105	221	0	0	0	0	0	281	6	287	1077
05:45 PM	513	1	33	547	0	119	106	225	0	0	0	0	0	233	9	242	1014
Total	1983	6	192	2181	0	510	493	1003	0	0	0	0	0	1067	54	1121	4305
06:00 PM	486	1	29	516	0	111	88	199	0	0	0	0	0	233	22	255	970
06:15 PM	447	1	43	491	0	85	96	181	0	0	0	0	0	211	20	231	903
Grand Total	4913	14	440	5367	0	1142	1171	2313	0	0	0	0	0	2511	187	2698	10378
Apprch %	91.5	0.3	8.2		0	49.4	50.6		0	0	0		0	93.1	6.9		
Total %	47.3	0.1	4.2	51.7	0	11	11.3	22.3	0	0	0	0	0	24.2	1.8	26	

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**542**	1	54	**597**	0	114	128	242	0	0	0	0	0	253	21	274	1113
05:00 PM	471	0	51	522	0	130	131	261	0	0	0	0	0	**286**	**22**	**308**	1091
05:15 PM	480	**3**	**60**	543	0	**145**	**151**	**296**	0	0	0	0	0	267	17	284	**1123**
05:30 PM	519	2	48	569	0	116	105	221	0	0	0	0	0	281	6	287	1077
Total Volume	2012	6	213	2231	0	505	515	1020	0	0	0	0	0	1087	66	1153	4404
% App. Total	90.2	0.3	9.5		0	49.5	50.5		0	0	0		0	94.3	5.7		
PHF	.928	.500	.888	.934	.000	.871	.853	.861	.000	.000	.000	.000	.000	.950	.750	.936	.980

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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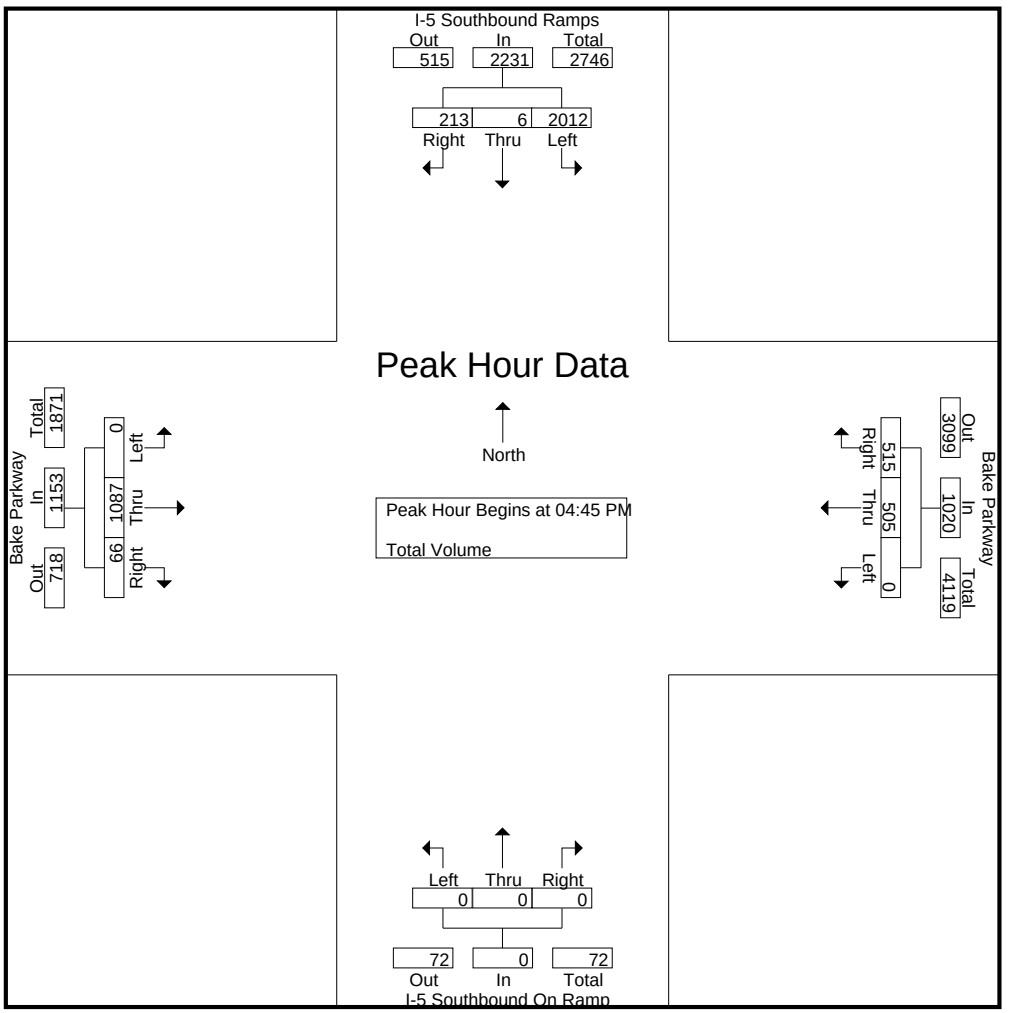

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	**542**	1	54	**597**	0	126	136	262	0	0	0	0	0	253	21	274
+15 mins.	471	0	51	522	0	114	128	242	0	0	0	0	0	**286**	**22**	**308**
+30 mins.	480	**3**	**60**	543	0	130	131	261	0	0	0	0	0	267	17	284
+45 mins.	519	2	48	569	0	**145**	**151**	**296**	0	0	0	0	0	281	6	287
Total Volume	2012	6	213	2231	0	515	546	1061	0	0	0	0	0	1087	66	1153
% App. Total	90.2	0.3	9.5		0	48.5	51.5		0	0	0		0	94.3	5.7	
PHF	.928	.500	.888	.934	.000	.888	.904	.896	.000	.000	.000	.000	.000	.950	.750	.936

Counts Unlimited, Inc.
PO Box 1178
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(951) 268-6268

City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	431	0	80	511	0	31	38	69	0	0	0	0	0	60	5	65	645
07:15 AM	489	0	73	562	0	63	52	115	0	0	0	0	0	72	5	77	754
07:30 AM	573	0	94	667	0	70	65	135	0	0	0	0	0	99	4	103	905
07:45 AM	542	0	134	676	0	80	75	155	0	0	0	0	0	113	3	116	947
Total	2035	0	381	2416	0	244	230	474	0	0	0	0	0	344	17	361	3251
08:00 AM	556	1	105	662	0	79	75	154	0	0	0	0	0	112	6	118	934
08:15 AM	455	0	132	587	0	123	74	197	0	0	0	0	0	130	9	139	923
08:30 AM	486	0	149	635	0	119	85	204	0	0	0	0	0	129	4	133	972
08:45 AM	546	0	147	693	0	142	79	221	0	0	0	0	0	118	3	121	1035
Total	2043	1	533	2577	0	463	313	776	0	0	0	0	0	489	22	511	3864
Grand Total	4078	1	914	4993	0	707	543	1250	0	0	0	0	0	833	39	872	7115
Apprch %	81.7	0	18.3		0	56.6	43.4		0	0	0		0	95.5	4.5		
Total %	57.3	0	12.8	70.2	0	9.9	7.6	17.6	0	0	0	0	0	11.7	0.5	12.3	

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**556**	**1**	105	662	0	79	75	154	0	0	0	0	0	112	6	118	934
08:15 AM	455	0	132	587	0	123	74	197	0	0	0	0	0	**130**	**9**	**139**	923
08:30 AM	486	0	**149**	635	0	119	**85**	204	0	0	0	0	0	129	4	133	972
08:45 AM	546	0	147	**693**	0	**142**	79	**221**	0	0	0	0	0	118	3	121	**1035**
Total Volume	2043	1	533	2577	0	463	313	776	0	0	0	0	0	489	22	511	3864
% App. Total	79.3	0	20.7		0	59.7	40.3		0	0	0		0	95.7	4.3		
PHF	.919	.250	.894	.930	.000	.815	.921	.878	.000	.000	.000	.000	.000	.940	.611	.919	.933

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PO Box 1178
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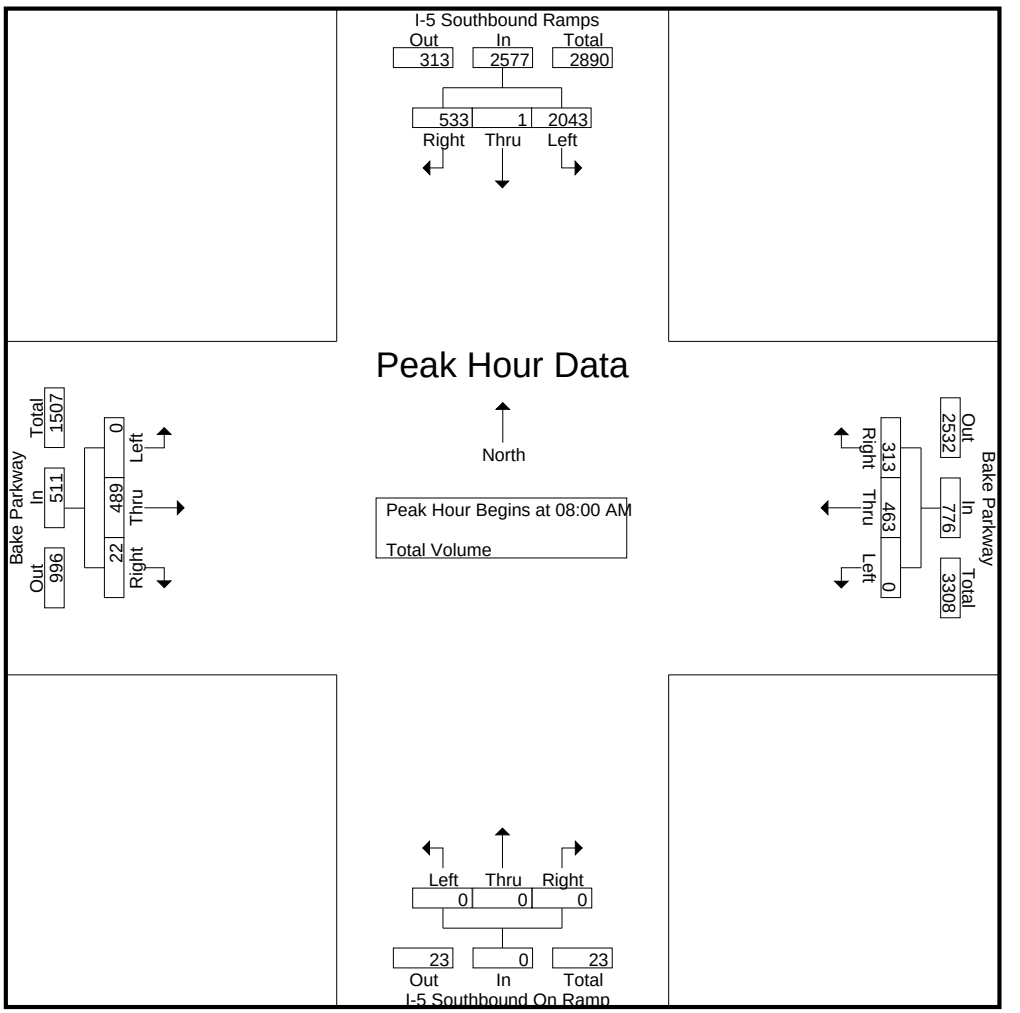
City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				07:00 AM				08:00 AM			
+0 mins.	**573**	0	94	667	0	79	75	154	0	0	0	0	0	112	6	118
+15 mins.	542	0	**134**	**676**	0	123	74	197	0	0	0	0	0	**130**	**9**	**139**
+30 mins.	556	**1**	105	662	0	119	**85**	204	0	0	0	0	0	129	4	133
+45 mins.	455	0	132	587	0	**142**	79	**221**	0	0	0	0	0	118	3	121
Total Volume	2126	1	465	2592	0	463	313	776	0	0	0	0	0	489	22	511
% App. Total	82	0	17.9		0	59.7	40.3		0	0	0		0	95.7	4.3	
PHF	.928	.250	.868	.959	.000	.815	.921	.878	.000	.000	.000	.000	.000	.940	.611	.919

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	447	0	43	490	0	89	146	235	0	0	0	0	0	285	25	310	1035
04:15 PM	504	0	69	573	0	114	130	244	0	0	0	0	0	202	20	222	1039
04:30 PM	489	0	47	536	0	107	125	232	0	0	0	0	0	246	18	264	1032
04:45 PM	502	0	57	559	0	124	120	244	0	0	0	0	0	255	16	271	1074
Total	1942	0	216	2158	0	434	521	955	0	0	0	0	0	988	79	1067	4180
05:00 PM	491	0	58	549	0	130	122	252	0	0	0	0	0	346	23	369	1170
05:15 PM	570	0	63	633	0	148	146	294	0	0	0	0	0	288	21	309	1236
05:30 PM	571	0	33	604	0	106	115	221	0	0	0	0	0	266	18	284	1109
05:45 PM	489	0	37	526	0	116	95	211	0	0	0	0	0	227	19	246	983
Total	2121	0	191	2312	0	500	478	978	0	0	0	0	0	1127	81	1208	4498
06:00 PM	466	0	42	508	0	93	103	196	0	0	0	0	0	208	22	230	934
06:15 PM	472	0	51	523	0	85	86	171	0	0	0	0	0	187	11	198	892
Grand Total	5001	0	500	5501	0	1112	1188	2300	0	0	0	0	0	2510	193	2703	10504
Apprch %	90.9	0	9.1		0	48.3	51.7		0	0	0		0	92.9	7.1		
Total %	47.6	0	4.8	52.4	0	10.6	11.3	21.9	0	0	0	0	0	23.9	1.8	25.7	

	I-5 Southbound Ramps Southbound				Bake Parkway Westbound				I-5 Southbound On Ramp Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	502	0	57	559	0	124	120	244	0	0	0	0	0	255	16	271	1074
05:00 PM	491	0	58	549	0	130	122	252	0	0	0	0	0	**346**	**23**	**369**	1170
05:15 PM	570	0	**63**	**633**	0	**148**	**146**	**294**	0	0	0	0	0	288	21	309	**1236**
05:30 PM	**571**	0	33	604	0	106	115	221	0	0	0	0	0	266	18	284	1109
Total Volume	2134	0	211	2345	0	508	503	1011	0	0	0	0	0	1155	78	1233	4589
% App. Total	91	0	9		0	50.2	49.8		0	0	0		0	93.7	6.3		
PHF	.934	.000	.837	.926	.000	.858	.861	.860	.000	.000	.000	.000	.000	.835	.848	.835	.928

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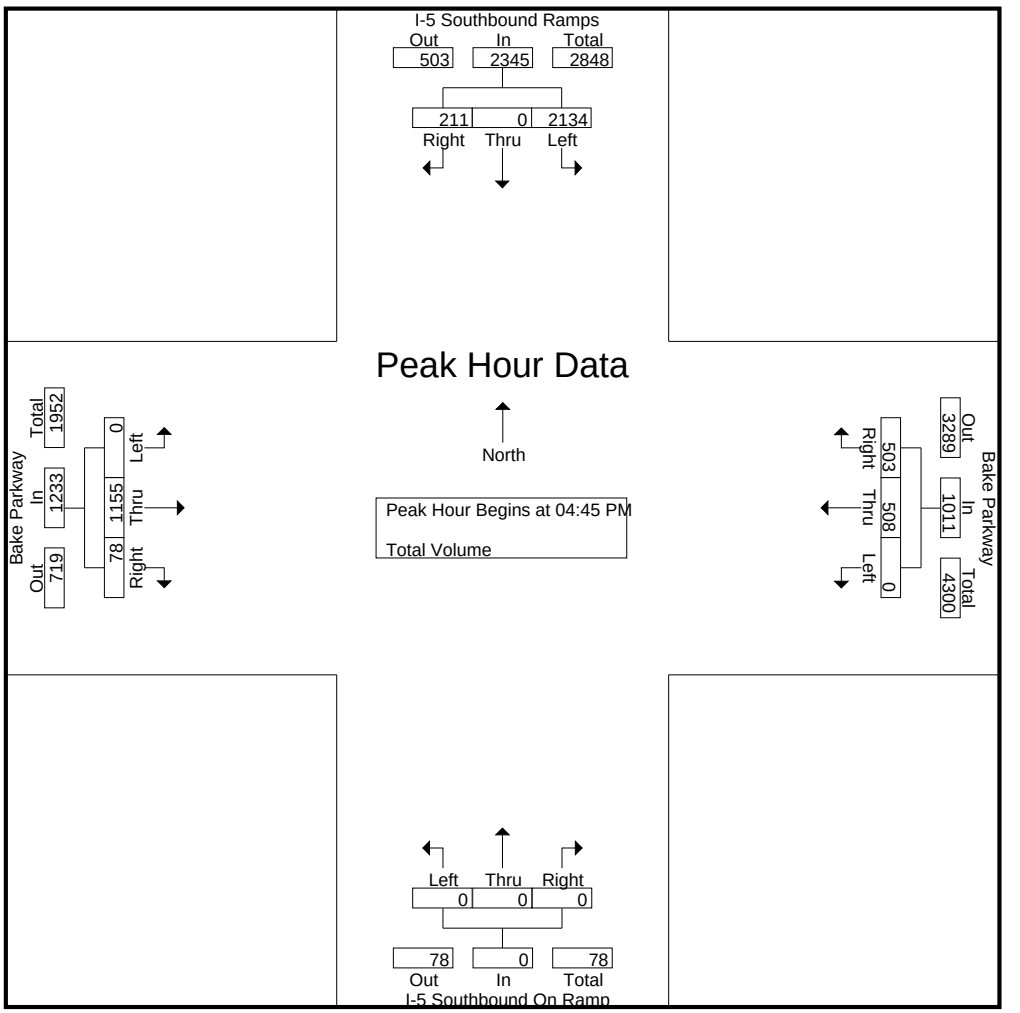
City of Irvine
N/S: I-5 Southbound Ramps
E/W: Bake Parkway
Weather: Clear

File Name : 368_IRV_5S_Bake Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	502	0	57	559	0	107	125	232	0	0	0	0	0	255	16	271
+15 mins.	491	0	58	549	0	124	120	244	0	0	0	0	0	**346**	**23**	**369**
+30 mins.	570	0	**63**	**633**	0	130	122	252	0	0	0	0	0	288	21	309
+45 mins.	**571**	0	33	604	0	**148**	**146**	**294**	0	0	0	0	0	266	18	284
Total Volume	2134	0	211	2345	0	509	513	1022	0	0	0	0	0	1155	78	1233
% App. Total	91	0	9		0	49.8	50.2		0	0	0		0	93.7	6.3	
PHF	.934	.000	.837	.926	.000	.860	.878	.869	.000	.000	.000	.000	.000	.835	.848	.835

Location: Irvine
N/S: I-5 SB Ramps
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg I-5 SB Ramps Pedestrians	East Leg Bake Parkway Pedestrians	South Leg I-5 SB Ramps Pedestrians	West Leg Bake Parkway Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg I-5 SB Ramps Pedestrians	East Leg Bake Parkway Pedestrians	South Leg I-5 SB Ramps Pedestrians	West Leg Bake Parkway Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	1	0	0	0	1

Location: Irvine
N/S: I-5 SB Ramps
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound I-5 SB Ramps			Westbound Bake Parkway			Northbound I-5 SB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	1	0	2

	Southbound I-5 SB Ramps			Westbound Bake Parkway			Northbound I-5 SB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	1	0	2

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Location: Irvine
N/S: I-5 SB Ramps
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg I-5 SB Ramps	East Leg Bake Parkway	South Leg I-5 SB Ramps	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg I-5 SB Ramps	East Leg Bake Parkway	South Leg I-5 SB Ramps	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

Counts Unlimited, Inc.
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951-268-6268

Location: Irvine
N/S: I-5 SB Ramps
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound I-5 SB Ramps			Westbound Bake Parkway			Northbound I-5 SB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	1	0	2

	Southbound I-5 SB Ramps			Westbound Bake Parkway			Northbound I-5 SB Ramps			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	2	0	2

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City of Irvine
N/S: Research Drive
E/W: Bake Parkway
Weather: Clear

File Name : 371_IRV_Res_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	15	5	0	20	45	30	47	122	0	6	28	34	0	27	4	31	207
07:15 AM	20	10	3	33	43	39	63	145	7	9	40	56	1	26	1	28	262
07:30 AM	14	9	2	25	42	37	81	160	0	12	43	55	1	46	0	47	287
07:45 AM	19	16	1	36	83	50	113	246	2	18	50	70	6	50	4	60	412
Total	68	40	6	114	213	156	304	673	9	45	161	215	8	149	9	166	1168
08:00 AM	17	19	1	37	71	53	97	221	2	16	49	67	0	64	2	66	391
08:15 AM	18	18	2	38	73	62	115	250	2	18	60	80	4	64	3	71	439
08:30 AM	27	16	3	46	59	78	145	282	2	22	48	72	5	57	2	64	464
08:45 AM	29	17	1	47	68	70	142	280	1	35	42	78	3	50	0	53	458
Total	91	70	7	168	271	263	499	1033	7	91	199	297	12	235	7	254	1752
Grand Total	159	110	13	282	484	419	803	1706	16	136	360	512	20	384	16	420	2920
Apprch %	56.4	39	4.6		28.4	24.6	47.1		3.1	26.6	70.3		4.8	91.4	3.8		
Total %	5.4	3.8	0.4	9.7	16.6	14.3	27.5	58.4	0.5	4.7	12.3	17.5	0.7	13.2	0.5	14.4	

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	17	**19**	1	37	71	53	97	221	**2**	16	49	67	0	**64**	2	66	391
08:15 AM	18	18	2	38	**73**	62	115	250	2	18	**60**	**80**	4	64	**3**	**71**	439
08:30 AM	27	16	**3**	46	59	**78**	**145**	**282**	2	22	48	72	**5**	57	2	64	**464**
08:45 AM	**29**	17	1	**47**	68	70	142	280	1	**35**	42	78	3	50	0	53	458
Total Volume	91	70	7	168	271	263	499	1033	7	91	199	297	12	235	7	254	1752
% App. Total	54.2	41.7	4.2		26.2	25.5	48.3		2.4	30.6	67		4.7	92.5	2.8		
PHF	.784	.921	.583	.894	.928	.843	.860	.916	.875	.650	.829	.928	.600	.918	.583	.894	.944

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City of Irvine
N/S: Research Drive
E/W: Bake Parkway
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File Name : 371_IRV_Res_Bake Tue AM
Site Code : 19224028
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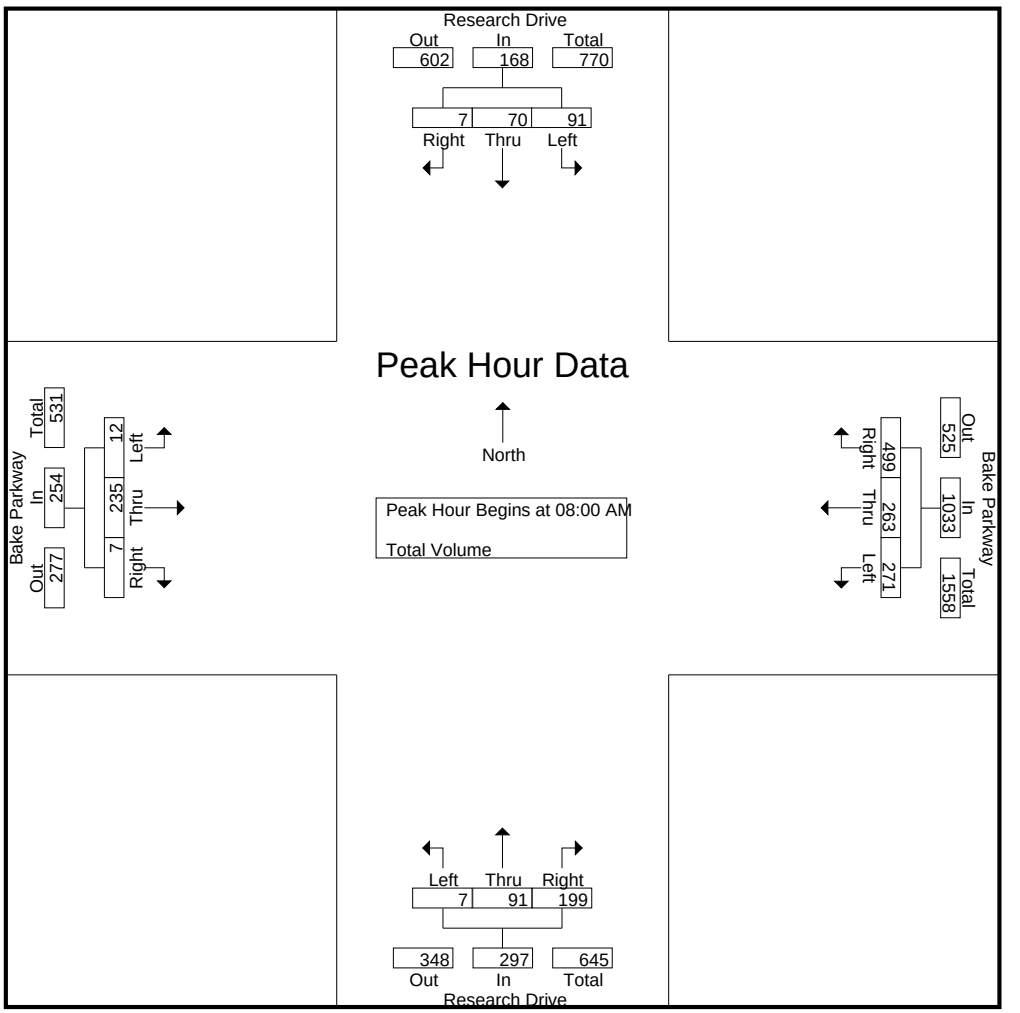

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	17	**19**	1	37	71	53	97	221	**2**	16	49	67	**6**	50	**4**	60
+15 mins.	18	18	2	38	**73**	62	115	250	2	18	**60**	**80**	0	**64**	2	66
+30 mins.	27	16	**3**	46	59	**78**	**145**	**282**	2	22	48	72	4	64	3	**71**
+45 mins.	**29**	17	1	**47**	68	70	142	280	1	**35**	42	78	5	57	2	64
Total Volume	91	70	7	168	271	263	499	1033	7	91	199	297	15	235	11	261
% App. Total	54.2	41.7	4.2		26.2	25.5	48.3		2.4	30.6	67		5.7	90	4.2	
PHF	.784	.921	.583	.894	.928	.843	.860	.916	.875	.650	.829	.928	.625	.918	.688	.919

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City of Irvine
N/S: Research Drive
E/W: Bake Parkway
Weather: Clear

File Name : 371_IRV_Res_Bake Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	79	19	9	107	27	45	69	141	2	25	164	191	3	84	6	93	532
04:15 PM	87	26	4	117	27	55	61	143	6	29	112	147	2	45	4	51	458
04:30 PM	80	26	6	112	27	66	69	162	1	42	124	167	0	58	3	61	502
04:45 PM	78	26	4	108	41	59	67	167	5	28	127	160	1	63	1	65	500
Total	324	97	23	444	122	225	266	613	14	124	527	665	6	250	14	270	1992
05:00 PM	111	26	4	141	38	51	84	173	2	53	143	198	1	49	4	54	566
05:15 PM	57	23	10	90	49	75	79	203	9	77	135	221	3	74	8	85	599
05:30 PM	79	24	7	110	18	66	71	155	4	33	124	161	3	76	7	86	512
05:45 PM	80	23	3	106	27	49	66	142	4	29	92	125	0	58	4	62	435
Total	327	96	24	447	132	241	300	673	19	192	494	705	7	257	23	287	2112
06:00 PM	100	17	5	122	21	42	71	134	2	31	101	134	1	51	1	53	443
06:15 PM	64	17	6	87	15	51	69	135	1	25	112	138	3	53	2	58	418
Grand Total	815	227	58	1100	290	559	706	1555	36	372	1234	1642	17	611	40	668	4965
Apprch %	74.1	20.6	5.3		18.6	35.9	45.4		2.2	22.7	75.2		2.5	91.5	6		
Total %	16.4	4.6	1.2	22.2	5.8	11.3	14.2	31.3	0.7	7.5	24.9	33.1	0.3	12.3	0.8	13.5	

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	78	**26**	4	108	41	59	67	167	5	28	127	160	1	63	1	65	500
05:00 PM	**111**	26	4	**141**	38	51	**84**	173	2	53	**143**	198	1	49	4	54	566
05:15 PM	57	23	**10**	90	**49**	**75**	79	**203**	**9**	**77**	135	**221**	**3**	74	**8**	85	**599**
05:30 PM	79	24	7	110	18	66	71	155	4	33	124	161	3	**76**	7	**86**	512
Total Volume	325	99	25	449	146	251	301	698	20	191	529	740	8	262	20	290	2177
% App. Total	72.4	22	5.6		20.9	36	43.1		2.7	25.8	71.5		2.8	90.3	6.9		
PHF	.732	.952	.625	.796	.745	.837	.896	.860	.556	.620	.925	.837	.667	.862	.625	.843	.909

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City of Irvine
N/S: Research Drive
E/W: Bake Parkway
Weather: Clear

File Name : 371_IRV_Res_Bake Tue PM
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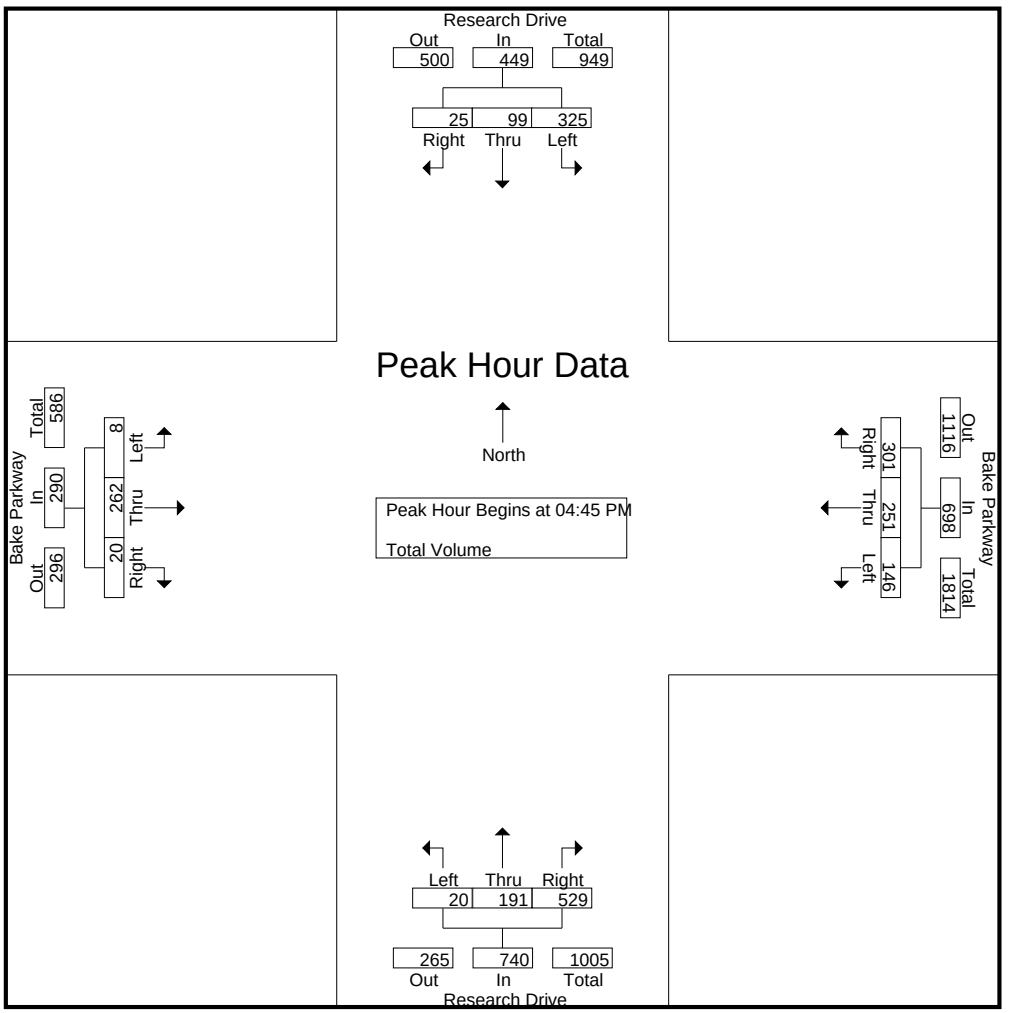

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:30 PM				04:30 PM				04:45 PM			
+0 mins.	87	**26**	4	117	27	66	69	162	1	42	124	167	1	63	1	65
+15 mins.	80	26	**6**	112	41	59	67	167	5	28	127	160	1	49	4	54
+30 mins.	78	26	4	108	38	51	**84**	173	2	53	**143**	198	**3**	74	**8**	85
+45 mins.	**111**	26	4	**141**	**49**	**75**	79	**203**	**9**	**77**	135	**221**	3	**76**	7	**86**
Total Volume	356	104	18	478	155	251	299	705	17	200	529	746	8	262	20	290
% App. Total	74.5	21.8	3.8		22	35.6	42.4		2.3	26.8	70.9		2.8	90.3	6.9	
PHF	.802	1.000	.750	.848	.791	.837	.890	.868	.472	.649	.925	.844	.667	.862	.625	.843

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File Name : 371_IRV_Res_Bake Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	12	0	26	31	29	50	110	1	12	28	41	1	19	3	23	200
07:15 AM	17	9	1	27	43	36	60	139	0	11	29	40	1	31	2	34	240
07:30 AM	13	14	2	29	44	39	74	157	0	17	49	66	1	42	2	45	297
07:45 AM	18	17	1	36	70	39	102	211	3	18	55	76	3	41	1	45	368
Total	62	52	4	118	188	143	286	617	4	58	161	223	6	133	8	147	1105
08:00 AM	23	8	1	32	75	61	72	208	6	11	64	81	2	46	3	51	372
08:15 AM	16	11	1	28	60	59	126	245	2	30	55	87	3	56	0	59	419
08:30 AM	25	22	1	48	53	62	133	248	2	34	52	88	1	57	4	62	446
08:45 AM	26	16	0	42	83	68	135	286	2	17	50	69	6	46	5	57	454
Total	90	57	3	150	271	250	466	987	12	92	221	325	12	205	12	229	1691
Grand Total	152	109	7	268	459	393	752	1604	16	150	382	548	18	338	20	376	2796
Apprch %	56.7	40.7	2.6		28.6	24.5	46.9		2.9	27.4	69.7		4.8	89.9	5.3		
Total %	5.4	3.9	0.3	9.6	16.4	14.1	26.9	57.4	0.6	5.4	13.7	19.6	0.6	12.1	0.7	13.4	

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	23	8	**1**	32	75	61	72	208	**6**	11	**64**	81	2	46	3	51	372
08:15 AM	16	11	1	28	60	59	126	245	2	30	55	87	3	56	0	59	419
08:30 AM	25	**22**	1	**48**	53	62	133	248	2	**34**	52	**88**	1	**57**	4	**62**	446
08:45 AM	**26**	16	0	42	**83**	**68**	**135**	**286**	2	17	50	69	**6**	46	**5**	57	**454**
Total Volume	90	57	3	150	271	250	466	987	12	92	221	325	12	205	12	229	1691
% App. Total	60	38	2		27.5	25.3	47.2		3.7	28.3	68		5.2	89.5	5.2		
PHF	.865	.648	.750	.781	.816	.919	.863	.863	.500	.676	.863	.923	.500	.899	.600	.923	.931

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File Name : 371_IRV_Res_Bake Thu AM
Site Code : 19224028
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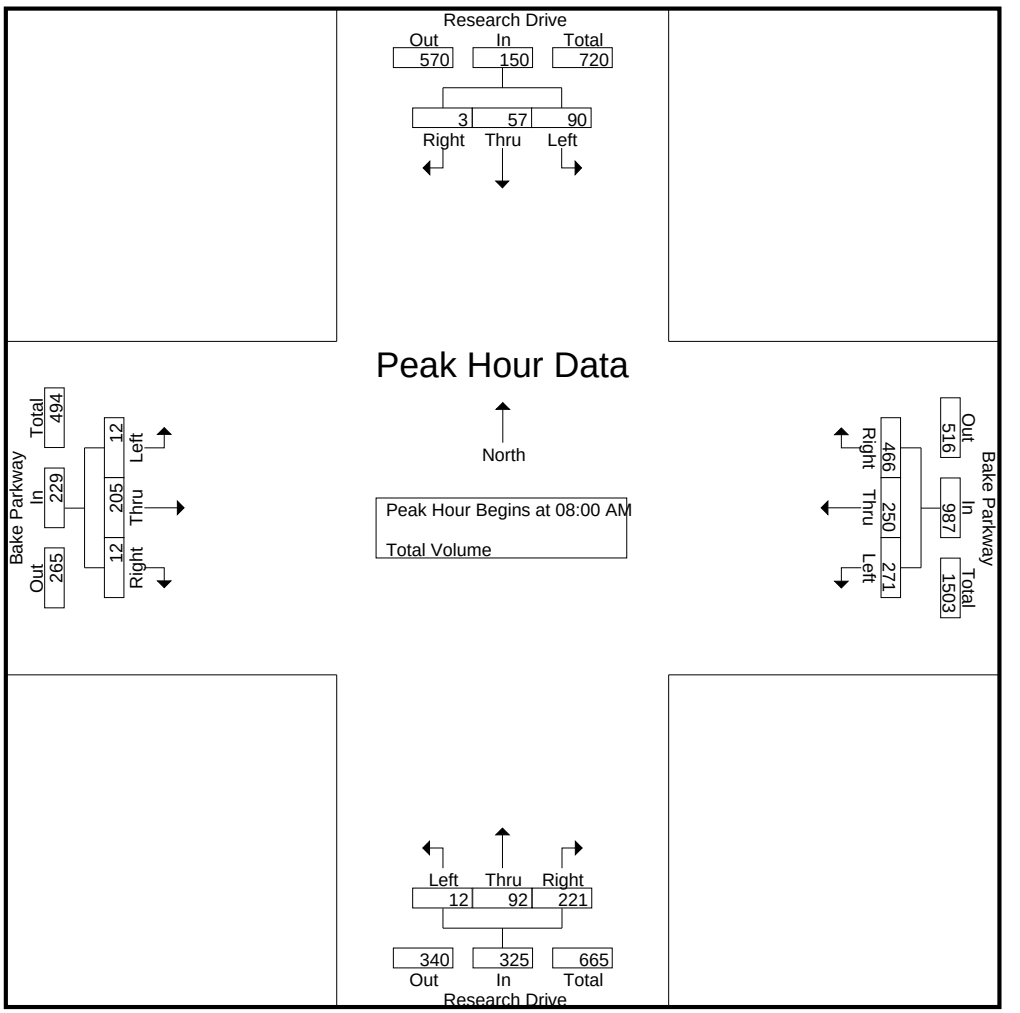

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	23	8	**1**	32	75	61	72	208	3	18	55	76	2	46	3	51
+15 mins.	16	11	1	28	60	59	126	245	**6**	11	**64**	81	3	56	0	59
+30 mins.	25	**22**	1	**48**	53	62	133	248	2	30	55	87	1	**57**	4	**62**
+45 mins.	**26**	16	0	42	**83**	**68**	**135**	**286**	2	**34**	52	**88**	**6**	46	**5**	57
Total Volume	90	57	3	150	271	250	466	987	13	93	226	332	12	205	12	229
% App. Total	60	38	2		27.5	25.3	47.2		3.9	28	68.1		5.2	89.5	5.2	
PHF	.865	.648	.750	.781	.816	.919	.863	.863	.542	.684	.883	.943	.500	.899	.600	.923

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City of Irvine
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File Name : 371_IRV_Res_Bake Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	111	25	3	139	27	48	50	125	0	33	135	168	3	68	5	76	508
04:15 PM	62	24	4	90	38	54	131	223	1	66	106	173	1	41	3	45	531
04:30 PM	78	27	6	111	19	59	67	145	1	38	130	169	0	63	3	66	491
04:45 PM	73	14	3	90	36	48	99	183	3	31	123	157	4	68	4	76	506
Total	324	90	16	430	120	209	347	676	5	168	494	667	8	240	15	263	2036
05:00 PM	119	24	9	152	40	57	92	189	5	41	187	233	1	75	2	78	652
05:15 PM	74	20	9	103	39	73	95	207	4	32	176	212	2	82	4	88	610
05:30 PM	71	25	8	104	17	49	66	132	2	31	151	184	1	66	2	69	489
05:45 PM	75	25	6	106	15	55	69	139	3	32	108	143	4	54	5	63	451
Total	339	94	32	465	111	234	322	667	14	136	622	772	8	277	13	298	2202
06:00 PM	91	15	6	112	21	41	66	128	1	37	107	145	1	35	1	37	422
06:15 PM	57	19	5	81	18	52	58	128	1	22	105	128	0	38	0	38	375
Grand Total	811	218	59	1088	270	536	793	1599	21	363	1328	1712	17	590	29	636	5035
Apprch %	74.5	20	5.4		16.9	33.5	49.6		1.2	21.2	77.6		2.7	92.8	4.6		
Total %	16.1	4.3	1.2	21.6	5.4	10.6	15.7	31.8	0.4	7.2	26.4	34	0.3	11.7	0.6	12.6	

	Research Drive Southbound				Bake Parkway Westbound				Research Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	78	**27**	6	111	19	59	67	145	1	38	130	169	0	63	3	66	491
04:45 PM	73	14	3	90	36	48	**99**	183	3	31	123	157	**4**	68	**4**	76	506
05:00 PM	**119**	24	**9**	**152**	**40**	57	92	189	**5**	**41**	**187**	**233**	1	75	2	78	**652**
05:15 PM	74	20	9	103	39	**73**	95	**207**	4	32	176	212	2	**82**	4	**88**	610
Total Volume	344	85	27	456	134	237	353	724	13	142	616	771	7	288	13	308	2259
% App. Total	75.4	18.6	5.9		18.5	32.7	48.8		1.7	18.4	79.9		2.3	93.5	4.2		
PHF	.723	.787	.750	.750	.838	.812	.891	.874	.650	.866	.824	.827	.438	.878	.813	.875	.866

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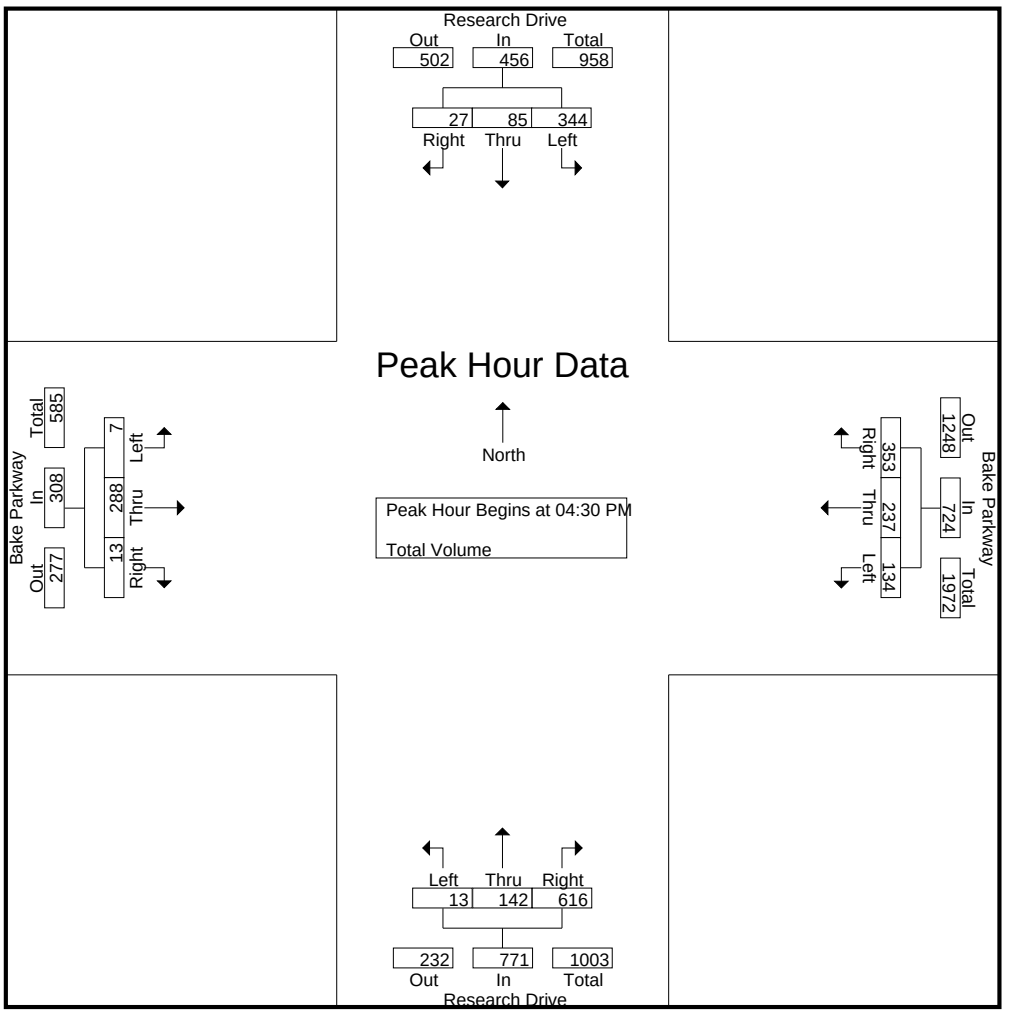
Weather: Clear

File Name : 371_IRV_Res_Bake Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				04:45 PM				04:45 PM			
+0 mins.	**119**	24	**9**	**152**	38	54	**131**	**223**	3	31	123	157	**4**	68	**4**	76
+15 mins.	74	20	9	103	19	**59**	67	145	**5**	**41**	**187**	**233**	1	75	2	78
+30 mins.	71	**25**	8	104	36	48	99	183	4	32	176	212	2	**82**	4	**88**
+45 mins.	75	25	6	106	**40**	57	92	189	2	31	151	184	1	66	2	69
Total Volume	339	94	32	465	133	218	389	740	14	135	637	786	8	291	12	311
% App. Total	72.9	20.2	6.9		18	29.5	52.6		1.8	17.2	81		2.6	93.6	3.9	
PHF	.712	.940	.889	.765	.831	.924	.742	.830	.700	.823	.852	.843	.500	.887	.750	.884

Location: Irvine
N/S: Research Drive
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Research Drive	East Leg Bake Parkway	South Leg Research Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	1	0	0	1
8:15 AM	0	1	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	2	1	0	3

	North Leg Research Drive	East Leg Bake Parkway	South Leg Research Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

Location: Irvine
N/S: Research Drive
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Research Drive			Westbound Bake Parkway			Northbound Research Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	1	0	1

	Southbound Research Drive			Westbound Bake Parkway			Northbound Research Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	1	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	0	1	0	2	0	0	1	1	6

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Location: Irvine
N/S: Research Drive
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Research Drive	East Leg Bake Parkway	South Leg Research Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	1	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	0	2	0	0	2

	North Leg Research Drive	East Leg Bake Parkway	South Leg Research Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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Location: Irvine
N/S: Research Drive
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Research Drive			Westbound Bake Parkway			Northbound Research Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	1	0	0	0	0	0	0	1

	Southbound Research Drive			Westbound Bake Parkway			Northbound Research Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	1	0	0	1	0	3

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City of Irvine
N/S: Irvine Center Drive
E/W: Bake Parkway
Weather: Clear

File Name : 372_IRV_ICD_Bake Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	81	14	97	10	18	1	29	1	70	26	97	1	5	2	8	231
07:15 AM	5	89	12	106	18	15	7	40	0	106	17	123	8	5	1	14	283
07:30 AM	12	106	14	132	16	25	4	45	1	91	31	123	2	8	1	11	311
07:45 AM	17	160	18	195	26	21	6	53	1	132	27	160	9	19	3	31	439
Total	36	436	58	530	70	79	18	167	3	399	101	503	20	37	7	64	1264
08:00 AM	11	164	11	186	28	23	8	59	1	141	39	181	7	14	3	24	450
08:15 AM	13	160	23	196	34	22	9	65	4	135	37	176	14	20	4	38	475
08:30 AM	10	151	29	190	40	36	10	86	2	145	37	184	16	15	2	33	493
08:45 AM	10	133	23	166	35	31	15	81	3	132	21	156	10	23	4	37	440
Total	44	608	86	738	137	112	42	291	10	553	134	697	47	72	13	132	1858
Grand Total	80	1044	144	1268	207	191	60	458	13	952	235	1200	67	109	20	196	3122
Apprch %	6.3	82.3	11.4		45.2	41.7	13.1		1.1	79.3	19.6		34.2	55.6	10.2		
Total %	2.6	33.4	4.6	40.6	6.6	6.1	1.9	14.7	0.4	30.5	7.5	38.4	2.1	3.5	0.6	6.3	

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	11	**164**	11	186	28	23	8	59	1	141	**39**	181	7	14	3	24	450
08:15 AM	**13**	160	23	**196**	34	22	9	65	**4**	135	37	176	14	20	**4**	**38**	475
08:30 AM	10	151	**29**	190	**40**	**36**	10	**86**	2	**145**	37	**184**	**16**	15	2	33	**493**
08:45 AM	10	133	23	166	35	31	**15**	81	3	132	21	156	10	**23**	4	37	440
Total Volume	44	608	86	738	137	112	42	291	10	553	134	697	47	72	13	132	1858
% App. Total	6	82.4	11.7		47.1	38.5	14.4		1.4	79.3	19.2		35.6	54.5	9.8		
PHF	.846	.927	.741	.941	.856	.778	.700	.846	.625	.953	.859	.947	.734	.783	.813	.868	.942

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City of Irvine
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E/W: Bake Parkway
Weather: Clear

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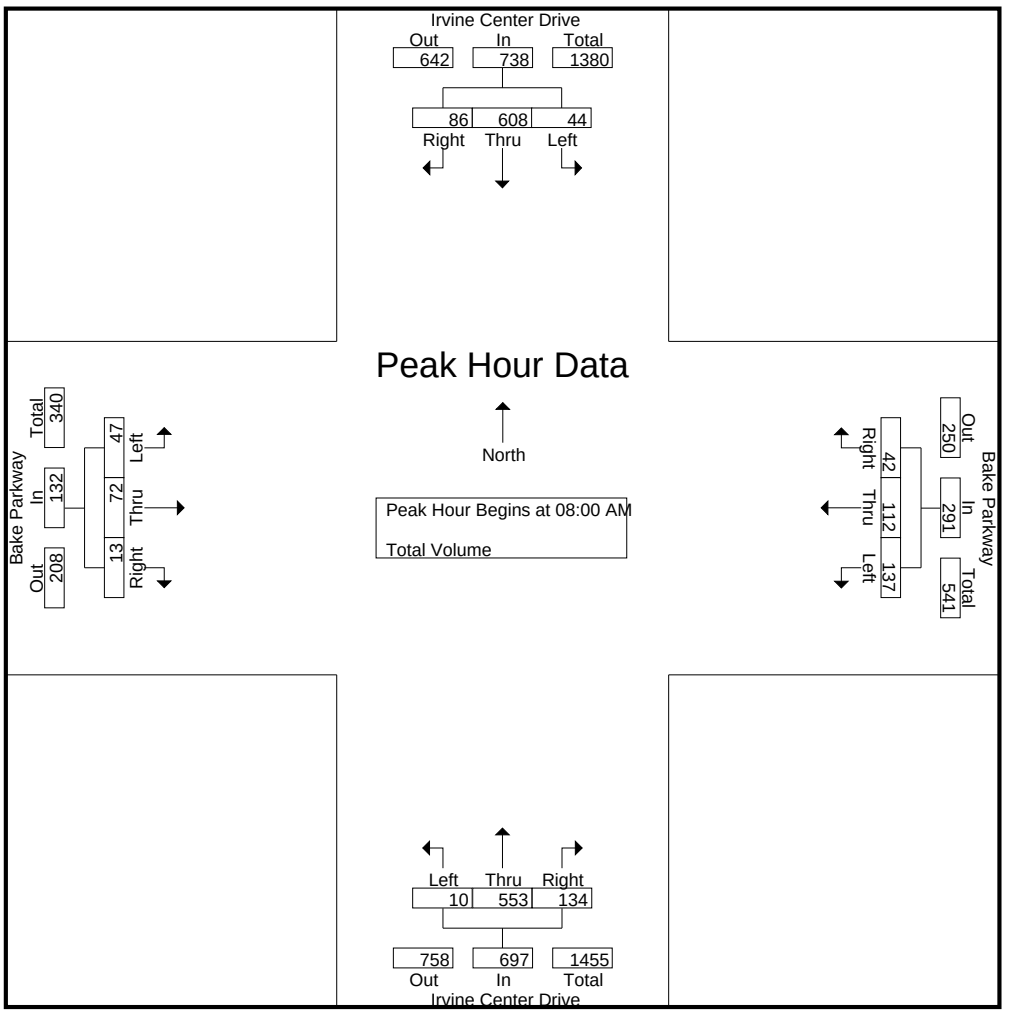

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	**17**	160	18	195	28	23	8	59	1	132	27	160	7	14	3	24
+15 mins.	11	**164**	11	186	34	22	9	65	1	141	**39**	181	14	20	**4**	**38**
+30 mins.	13	160	23	**196**	**40**	**36**	10	**86**	**4**	135	37	176	**16**	15	2	33
+45 mins.	10	151	**29**	190	35	31	**15**	81	2	**145**	37	**184**	10	**23**	4	37
Total Volume	51	635	81	767	137	112	42	291	8	553	140	701	47	72	13	132
% App. Total	6.6	82.8	10.6		47.1	38.5	14.4		1.1	78.9	20		35.6	54.5	9.8	
PHF	.750	.968	.698	.978	.856	.778	.700	.846	.500	.953	.897	.952	.734	.783	.813	.868

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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	146	15	171	23	24	11	58	2	122	46	170	14	26	1	41	440
04:15 PM	8	159	12	179	25	27	17	69	2	146	22	170	17	14	1	32	450
04:30 PM	8	176	20	204	26	26	15	67	5	152	40	197	12	17	1	30	498
04:45 PM	12	154	21	187	22	25	17	64	6	134	35	175	7	19	2	28	454
Total	38	635	68	741	96	102	60	258	15	554	143	712	50	76	5	131	1842
05:00 PM	8	186	28	222	19	34	12	65	13	230	54	297	15	29	3	47	631
05:15 PM	8	179	28	215	36	41	15	92	11	158	44	213	19	28	3	50	570
05:30 PM	10	174	38	222	27	41	20	88	16	174	54	244	19	19	2	40	594
05:45 PM	12	181	14	207	24	36	7	67	5	114	24	143	12	23	3	38	455
Total	38	720	108	866	106	152	54	312	45	676	176	897	65	99	11	175	2250
06:00 PM	11	116	25	152	21	22	16	59	3	112	29	144	8	15	2	25	380
06:15 PM	6	145	17	168	15	26	16	57	1	92	31	124	11	23	2	36	385
Grand Total	93	1616	218	1927	238	302	146	686	64	1434	379	1877	134	213	20	367	4857
Apprch %	4.8	83.9	11.3		34.7	44	21.3		3.4	76.4	20.2		36.5	58	5.4		
Total %	1.9	33.3	4.5	39.7	4.9	6.2	3	14.1	1.3	29.5	7.8	38.6	2.8	4.4	0.4	7.6	

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	8	**186**	28	**222**	19	34	12	65	13	**230**	**54**	**297**	15	**29**	**3**	47	**631**
05:15 PM	8	179	28	215	**36**	**41**	15	**92**	11	158	44	213	**19**	28	3	**50**	570
05:30 PM	10	174	**38**	222	27	41	**20**	88	**16**	174	54	244	19	19	2	40	594
05:45 PM	**12**	181	14	207	24	36	7	67	5	114	24	143	12	23	3	38	455
Total Volume	38	720	108	866	106	152	54	312	45	676	176	897	65	99	11	175	2250
% App. Total	4.4	83.1	12.5		34	48.7	17.3		5	75.4	19.6		37.1	56.6	6.3		
PHF	.792	.968	.711	.975	.736	.927	.675	.848	.703	.735	.815	.755	.855	.853	.917	.875	.891

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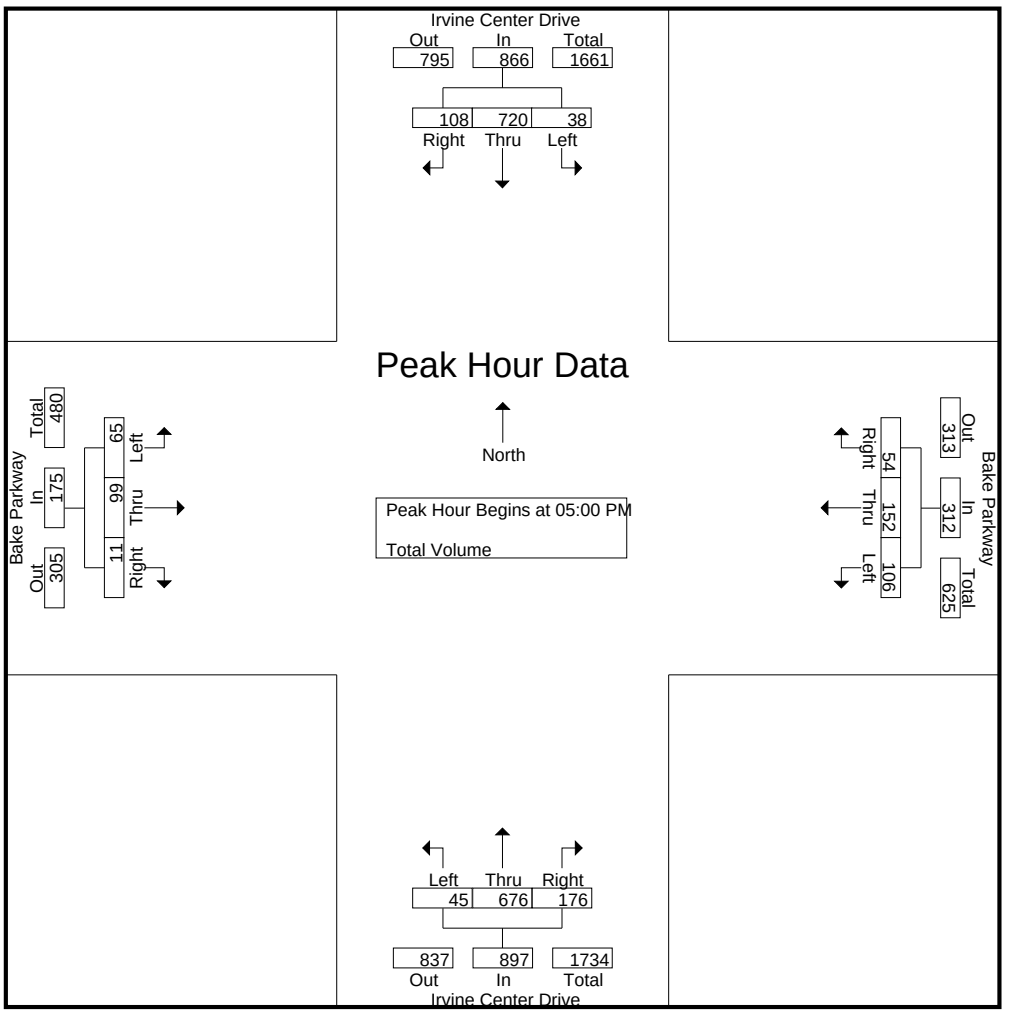

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	8	**186**	28	**222**	19	34	12	65	6	134	35	175	15	**29**	**3**	47
+15 mins.	8	179	28	215	**36**	**41**	15	**92**	13	**230**	**54**	**297**	**19**	28	3	**50**
+30 mins.	10	174	**38**	222	27	41	**20**	88	11	158	44	213	19	19	2	40
+45 mins.	**12**	181	14	207	24	36	7	67	**16**	174	54	244	12	23	3	38
Total Volume	38	720	108	866	106	152	54	312	46	696	187	929	65	99	11	175
% App. Total	4.4	83.1	12.5		34	48.7	17.3		5	74.9	20.1		37.1	56.6	6.3	
PHF	.792	.968	.711	.975	.736	.927	.675	.848	.719	.757	.866	.782	.855	.853	.917	.875

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File Name : 372_IRV_ICD_Bake Thu AM
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	91	9	107	16	13	4	33	1	65	12	78	0	4	0	4	222
07:15 AM	6	89	10	105	13	17	4	34	2	89	25	116	3	6	2	11	266
07:30 AM	12	117	11	140	22	21	2	45	1	97	23	121	3	11	1	15	321
07:45 AM	10	151	18	179	18	19	8	45	0	126	25	151	5	13	2	20	395
Total	35	448	48	531	69	70	18	157	4	377	85	466	11	34	5	50	1204
08:00 AM	8	159	13	180	22	20	4	46	2	115	27	144	11	19	4	34	404
08:15 AM	7	166	14	187	21	23	10	54	3	129	37	169	10	18	2	30	440
08:30 AM	12	146	17	175	31	27	17	75	4	124	37	165	8	15	2	25	440
08:45 AM	10	132	25	167	32	33	11	76	2	125	36	163	10	12	0	22	428
Total	37	603	69	709	106	103	42	251	11	493	137	641	39	64	8	111	1712
Grand Total	72	1051	117	1240	175	173	60	408	15	870	222	1107	50	98	13	161	2916
Apprch %	5.8	84.8	9.4		42.9	42.4	14.7		1.4	78.6	20.1		31.1	60.9	8.1		
Total %	2.5	36	4	42.5	6	5.9	2.1	14	0.5	29.8	7.6	38	1.7	3.4	0.4	5.5	

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	8	159	13	180	22	20	4	46	2	115	27	144	**11**	**19**	**4**	**34**	404
08:15 AM	7	**166**	14	**187**	21	23	10	54	3	**129**	**37**	**169**	10	18	2	30	**440**
08:30 AM	**12**	146	17	175	31	27	**17**	75	**4**	124	37	165	8	15	2	25	440
08:45 AM	10	132	**25**	167	**32**	**33**	11	**76**	2	125	36	163	10	12	0	22	428
Total Volume	37	603	69	709	106	103	42	251	11	493	137	641	39	64	8	111	1712
% App. Total	5.2	85	9.7		42.2	41	16.7		1.7	76.9	21.4		35.1	57.7	7.2		
PHF	.771	.908	.690	.948	.828	.780	.618	.826	.688	.955	.926	.948	.886	.842	.500	.816	.973

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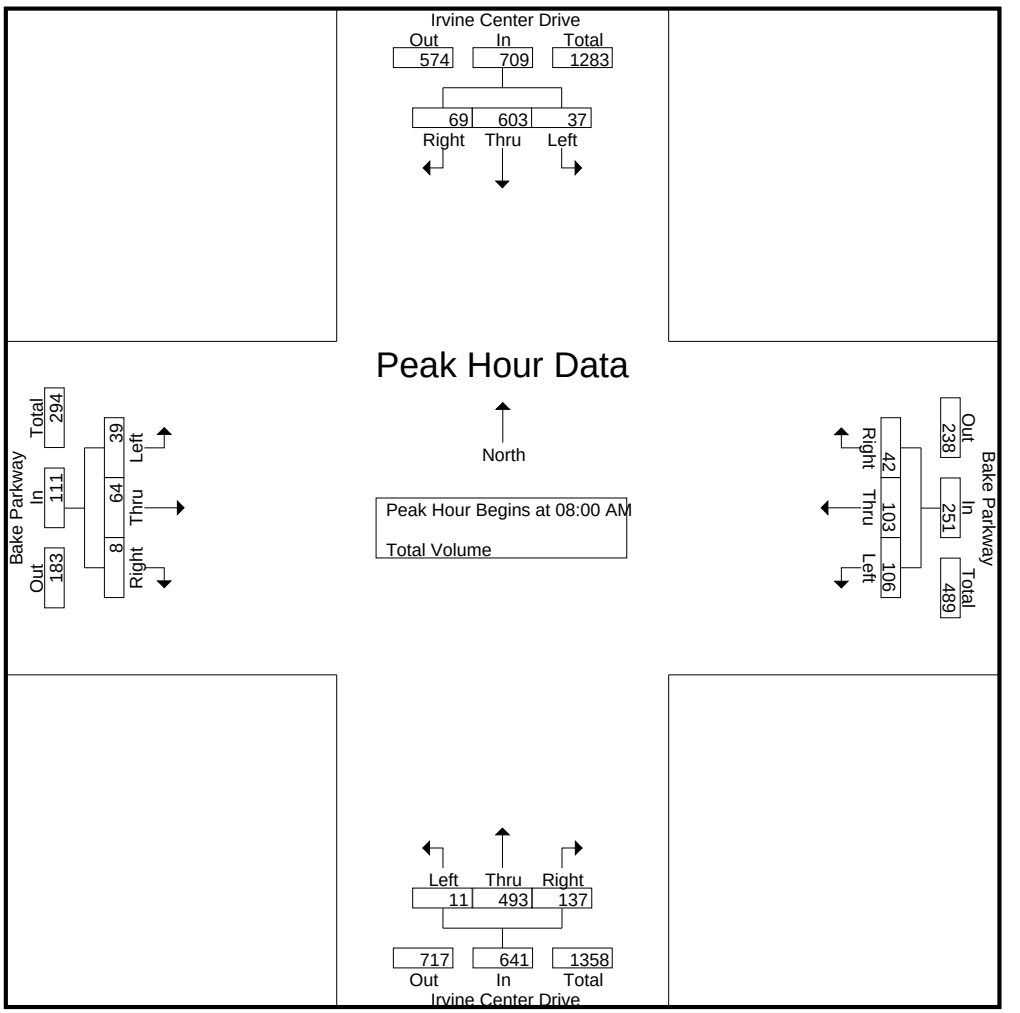

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	10	151	**18**	179	22	20	4	46	2	115	27	144	**11**	**19**	**4**	**34**
+15 mins.	8	159	13	180	21	23	10	54	3	**129**	**37**	**169**	10	18	2	30
+30 mins.	7	**166**	14	**187**	31	27	**17**	75	**4**	124	37	165	8	15	2	25
+45 mins.	**12**	146	17	175	**32**	**33**	11	**76**	2	125	36	163	10	12	0	22
Total Volume	37	622	62	721	106	103	42	251	11	493	137	641	39	64	8	111
% App. Total	5.1	86.3	8.6		42.2	41	16.7		1.7	76.9	21.4		35.1	57.7	7.2	
PHF	.771	.937	.861	.964	.828	.780	.618	.826	.688	.955	.926	.948	.886	.842	.500	.816

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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	16	138	20	174	21	20	15	56	6	149	35	190	10	25	3	38	458
04:15 PM	8	144	18	170	18	28	11	57	2	128	28	158	17	17	1	35	420
04:30 PM	9	161	16	186	18	36	16	70	3	151	33	187	20	26	5	51	494
04:45 PM	13	198	17	228	22	21	8	51	4	146	33	183	12	24	1	37	499
Total	46	641	71	758	79	105	50	234	15	574	129	718	59	92	10	161	1871
05:00 PM	9	151	19	179	20	31	16	67	12	215	49	276	14	23	6	43	565
05:15 PM	13	187	21	221	28	40	24	92	12	183	41	236	17	27	2	46	595
05:30 PM	12	156	24	192	22	30	14	66	11	150	39	200	12	16	5	33	491
05:45 PM	6	135	21	162	28	26	19	73	5	121	43	169	8	17	2	27	431
Total	40	629	85	754	98	127	73	298	40	669	172	881	51	83	15	149	2082
06:00 PM	11	111	20	142	21	22	15	58	6	96	20	122	7	10	7	24	346
06:15 PM	5	110	22	137	20	29	13	62	2	95	21	118	7	19	1	27	344
Grand Total	102	1491	198	1791	218	283	151	652	63	1434	342	1839	124	204	33	361	4643
Apprch %	5.7	83.2	11.1		33.4	43.4	23.2		3.4	78	18.6		34.3	56.5	9.1		
Total %	2.2	32.1	4.3	38.6	4.7	6.1	3.3	14	1.4	30.9	7.4	39.6	2.7	4.4	0.7	7.8	

	Irvine Center Drive Southbound				Bake Parkway Westbound				Irvine Center Drive Northbound				Bake Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	9	161	16	186	18	36	16	70	3	151	33	187	**20**	26	5	**51**	494
04:45 PM	**13**	**198**	17	**228**	22	21	8	51	4	146	33	183	12	24	1	37	499
05:00 PM	9	151	19	179	20	31	16	67	**12**	**215**	**49**	**276**	14	23	**6**	43	565
05:15 PM	13	187	**21**	221	**28**	**40**	**24**	**92**	12	183	41	236	17	**27**	2	46	**595**
Total Volume	44	697	73	814	88	128	64	280	31	695	156	882	63	100	14	177	2153
% App. Total	5.4	85.6	9		31.4	45.7	22.9		3.5	78.8	17.7		35.6	56.5	7.9		
PHF	.846	.880	.869	.893	.786	.800	.667	.761	.646	.808	.796	.799	.788	.926	.583	.868	.905

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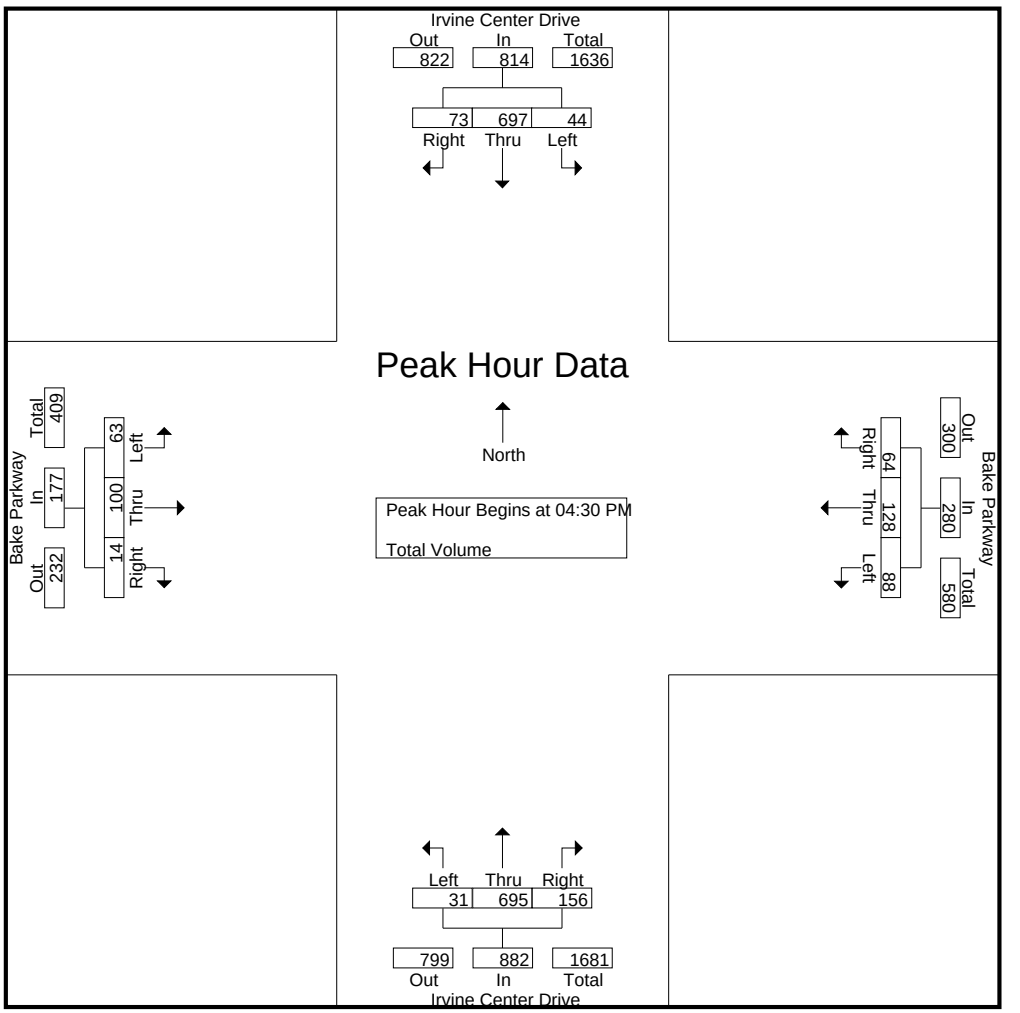

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				04:45 PM				04:30 PM			
+0 mins.	**13**	**198**	17	**228**	20	31	16	67	4	146	33	183	**20**	26	5	**51**
+15 mins.	9	151	19	179	**28**	**40**	**24**	**92**	**12**	**215**	**49**	**276**	12	24	1	37
+30 mins.	13	187	21	221	22	30	14	66	12	183	41	236	14	23	**6**	43
+45 mins.	12	156	**24**	192	28	26	19	73	11	150	39	200	17	**27**	2	46
Total Volume	47	692	81	820	98	127	73	298	39	694	162	895	63	100	14	177
% App. Total	5.7	84.4	9.9		32.9	42.6	24.5		4.4	77.5	18.1		35.6	56.5	7.9	
PHF	.904	.874	.844	.899	.875	.794	.760	.810	.813	.807	.827	.811	.788	.926	.583	.868

Location: Irvine
N/S: Irvine Center Drive
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Bake Parkway	South Leg Irvine Center Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	3	0	1	5
7:45 AM	0	1	0	0	1
8:00 AM	0	0	0	1	1
8:15 AM	0	1	0	0	1
8:30 AM	0	1	0	0	1
8:45 AM	1	1	0	0	2
TOTAL VOLUMES:	2	7	0	2	11

	North Leg Irvine Center Drive	East Leg Bake Parkway	South Leg Irvine Center Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	2	0	0	4
4:15 PM	0	0	0	0	0
4:30 PM	0	1	0	0	1
4:45 PM	0	1	2	0	3
5:00 PM	2	2	0	2	6
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	1	0	0	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	2	2
TOTAL VOLUMES:	5	6	2	4	17

Location: Irvine
N/S: Irvine Center Drive
E/W: Bake Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Bake Parkway			Northbound Irvine Center Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	1	0	0	0	2
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	1	0	0	1	4

	Southbound Irvine Center Drive			Westbound Bake Parkway			Northbound Irvine Center Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:30 PM	1	1	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	1	0	2	0	0	0	0	0	0	0	3
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	3	1	0	2	0	0	3	0	0	0	0	10

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Location: Irvine
N/S: Irvine Center Drive
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Bake Parkway	South Leg Irvine Center Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	1	1
8:00 AM	1	0	0	0	1
8:15 AM	0	1	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	1	0	1	3

	North Leg Irvine Center Drive	East Leg Bake Parkway	South Leg Irvine Center Drive	West Leg Bake Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	0	2
4:15 PM	0	0	0	0	0
4:30 PM	0	1	0	1	2
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	1	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	1	1
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	1	0	0	1
TOTAL VOLUMES:	0	2	2	3	7

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PO Box 1178
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951-268-9268

Location: Irvine
N/S: Irvine Center Drive
E/W: Bake Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Center Drive			Westbound Bake Parkway			Northbound Irvine Center Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	4	0	0	0	0	0	1	0	0	0	0	5

	Southbound Irvine Center Drive			Westbound Bake Parkway			Northbound Irvine Center Drive			Eastbound Bake Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	2
TOTAL VOLUMES:	0	1	0	0	0	0	0	4	0	1	1	0	7

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Northbound On Ramp
Weather: Clear

File Name : 373_LKF_Lake F_241N AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Northbound On Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	52	20	72	22	59	81	0	0	0	153
07:15 AM	72	25	97	39	78	117	0	0	0	214
07:30 AM	91	26	117	27	87	114	0	0	0	231
07:45 AM	123	15	138	31	117	148	0	0	0	286
Total	338	86	424	119	341	460	0	0	0	884
08:00 AM	120	33	153	40	105	145	0	0	0	298
08:15 AM	108	26	134	28	159	187	0	0	0	321
08:30 AM	93	31	124	43	115	158	0	0	0	282
08:45 AM	79	16	95	23	110	133	0	0	0	228
Total	400	106	506	134	489	623	0	0	0	1129
Grand Total	738	192	930	253	830	1083	0	0	0	2013
Apprch %	79.4	20.6		23.4	76.6		0	0		
Total %	36.7	9.5	46.2	12.6	41.2	53.8	0	0	0	

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Northbound On Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	**123**	15	138	31	117	148	0	0	0	286
08:00 AM	120	**33**	**153**	40	105	145	0	0	0	298
08:15 AM	108	26	134	28	**159**	**187**	0	0	0	**321**
08:30 AM	93	31	124	**43**	115	158	0	0	0	282
Total Volume	444	105	549	142	496	638	0	0	0	1187
% App. Total	80.9	19.1		22.3	77.7		0	0		
PHF	.902	.795	.897	.826	.780	.853	.000	.000	.000	.924

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Northbound On Ramp
Weather: Clear

File Name : 373_LKF_Lake F_241N AM5
Site Code : 05124139
Start Date : 2/15/2024
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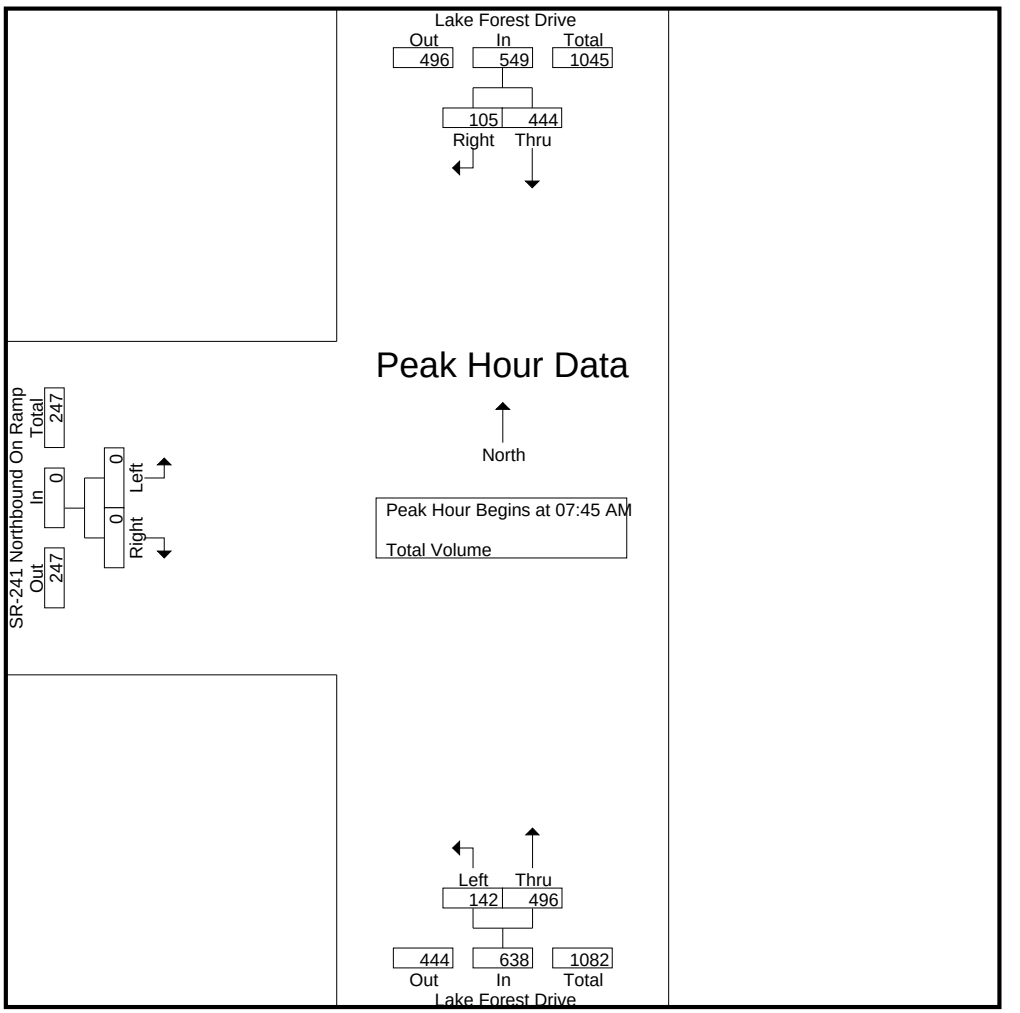

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:00 AM		
+0 mins.	**123**	15	138	31	117	148	0	0	0
+15 mins.	120	**33**	**153**	40	105	145	0	0	0
+30 mins.	108	26	134	28	**159**	**187**	0	0	0
+45 mins.	93	31	124	**43**	115	158	0	0	0
Total Volume	444	105	549	142	496	638	0	0	0
% App. Total	80.9	19.1		22.3	77.7		0	0	
PHF	.902	.795	.897	.826	.780	.853	.000	.000	.000

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Northbound On Ramp
Weather: Clear

File Name : 373_LKF_Lake F_241N PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Northbound On Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	117	35	152	46	123	169	0	0	0	321
04:15 PM	113	22	135	45	143	188	0	0	0	323
04:30 PM	112	34	146	32	123	155	0	0	0	301
04:45 PM	109	21	130	41	157	198	0	0	0	328
Total	451	112	563	164	546	710	0	0	0	1273
05:00 PM	135	45	180	40	149	189	0	0	0	369
05:15 PM	139	31	170	32	186	218	0	0	0	388
05:30 PM	109	25	134	48	148	196	0	0	0	330
05:45 PM	118	22	140	25	162	187	0	0	0	327
Total	501	123	624	145	645	790	0	0	0	1414
Grand Total	952	235	1187	309	1191	1500	0	0	0	2687
Apprch %	80.2	19.8		20.6	79.4		0	0		
Total %	35.4	8.7	44.2	11.5	44.3	55.8	0	0	0	

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Northbound On Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	109	21	130	41	157	198	0	0	0	328
05:00 PM	135	**45**	**180**	40	149	189	0	0	0	369
05:15 PM	**139**	31	170	32	**186**	**218**	0	0	0	**388**
05:30 PM	109	25	134	**48**	148	196	0	0	0	330
Total Volume	492	122	614	161	640	801	0	0	0	1415
% App. Total	80.1	19.9		20.1	79.9		0	0		
PHF	.885	.678	.853	.839	.860	.919	.000	.000	.000	.912

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Northbound On Ramp
Weather: Clear

File Name : 373_LKF_Lake F_241N PM5
Site Code : 05124139
Start Date : 2/15/2024
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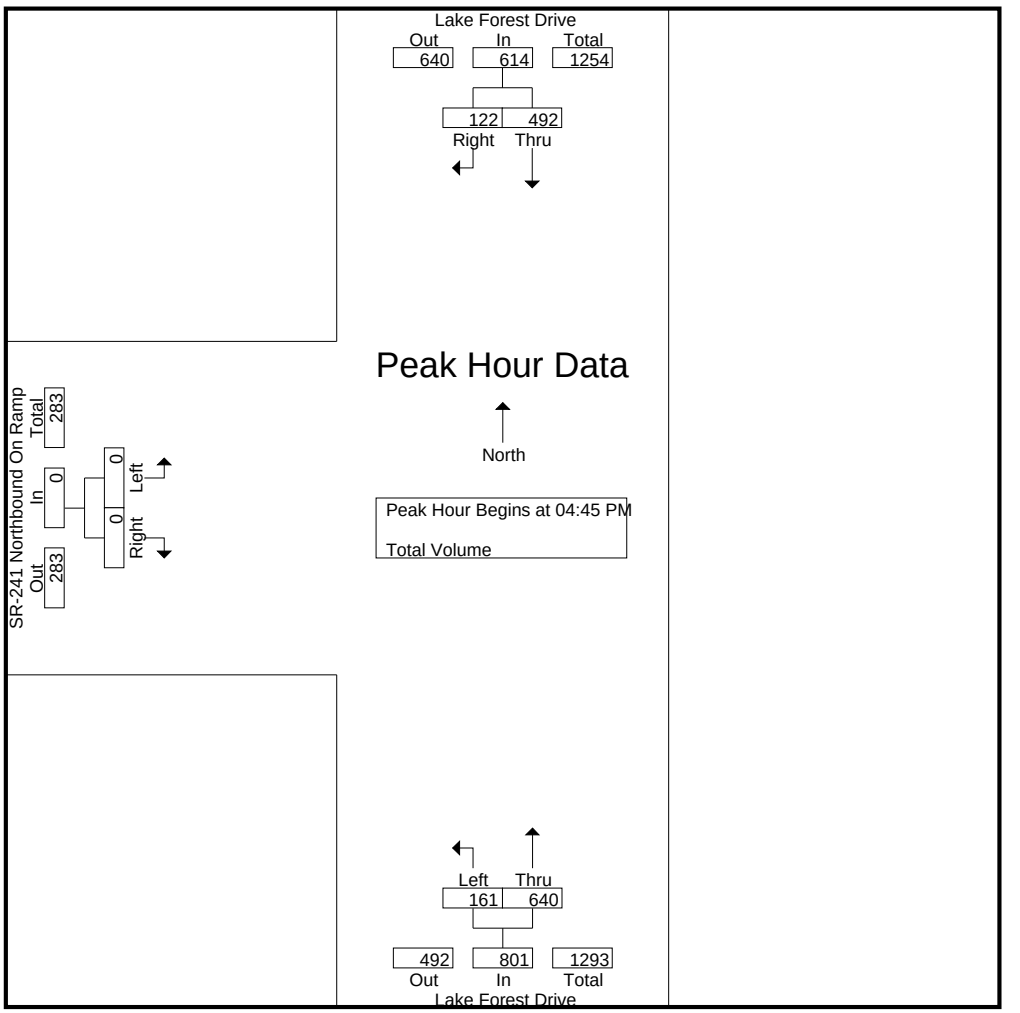

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:45 PM			04:00 PM		
+0 mins.	112	34	146	41	157	198	0	0	0
+15 mins.	109	21	130	40	149	189	0	0	0
+30 mins.	135	**45**	**180**	32	**186**	**218**	0	0	0
+45 mins.	**139**	31	170	**48**	148	196	0	0	0
Total Volume	495	131	626	161	640	801	0	0	0
% App. Total	79.1	20.9		20.1	79.9		0	0	
PHF	.890	.728	.869	.839	.860	.919	.000	.000	.000

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway
Weather: Clear

File Name : 374_LKF_LaFo_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Portola Parkway Westbound				Lake Forest Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	51	27	1	79	23	97	28	148	3	20	18	41	2	117	8	127	395
07:15 AM	43	37	1	81	37	159	38	234	5	24	24	53	2	114	7	123	491
07:30 AM	33	44	0	77	47	157	36	240	6	20	22	48	3	132	18	153	518
07:45 AM	77	39	2	118	44	193	64	301	7	26	28	61	2	150	16	168	648
Total	204	147	4	355	151	606	166	923	21	90	92	203	9	513	49	571	2052
08:00 AM	65	49	3	117	70	205	44	319	7	41	21	69	3	175	20	198	703
08:15 AM	46	38	4	88	48	192	72	312	17	36	35	88	0	147	22	169	657
08:30 AM	34	48	1	83	54	207	53	314	19	35	22	76	1	124	10	135	608
08:45 AM	19	29	1	49	51	172	34	257	8	32	25	65	2	109	9	120	491
Total	164	164	9	337	223	776	203	1202	51	144	103	298	6	555	61	622	2459
Grand Total	368	311	13	692	374	1382	369	2125	72	234	195	501	15	1068	110	1193	4511
Apprch %	53.2	44.9	1.9		17.6	65	17.4		14.4	46.7	38.9		1.3	89.5	9.2		
Total %	8.2	6.9	0.3	15.3	8.3	30.6	8.2	47.1	1.6	5.2	4.3	11.1	0.3	23.7	2.4	26.4	

	Lake Forest Drive Southbound				Portola Parkway Westbound				Lake Forest Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**77**	39	2	**118**	44	193	64	301	7	26	28	61	2	150	16	168	648
08:00 AM	65	**49**	3	117	**70**	205	44	**319**	7	**41**	21	69	**3**	**175**	20	**198**	**703**
08:15 AM	46	38	**4**	88	48	192	**72**	312	17	36	**35**	**88**	0	147	**22**	169	657
08:30 AM	34	48	1	83	54	**207**	53	314	**19**	35	22	76	1	124	10	135	608
Total Volume	222	174	10	406	216	797	233	1246	50	138	106	294	6	596	68	670	2616
% App. Total	54.7	42.9	2.5		17.3	64	18.7		17	46.9	36.1		0.9	89	10.1		
PHF	.721	.888	.625	.860	.771	.963	.809	.976	.658	.841	.757	.835	.500	.851	.773	.846	.930

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway
Weather: Clear

File Name : 374_LKF_LaFo_Port AM
Site Code : 05124139
Start Date : 2/15/2024
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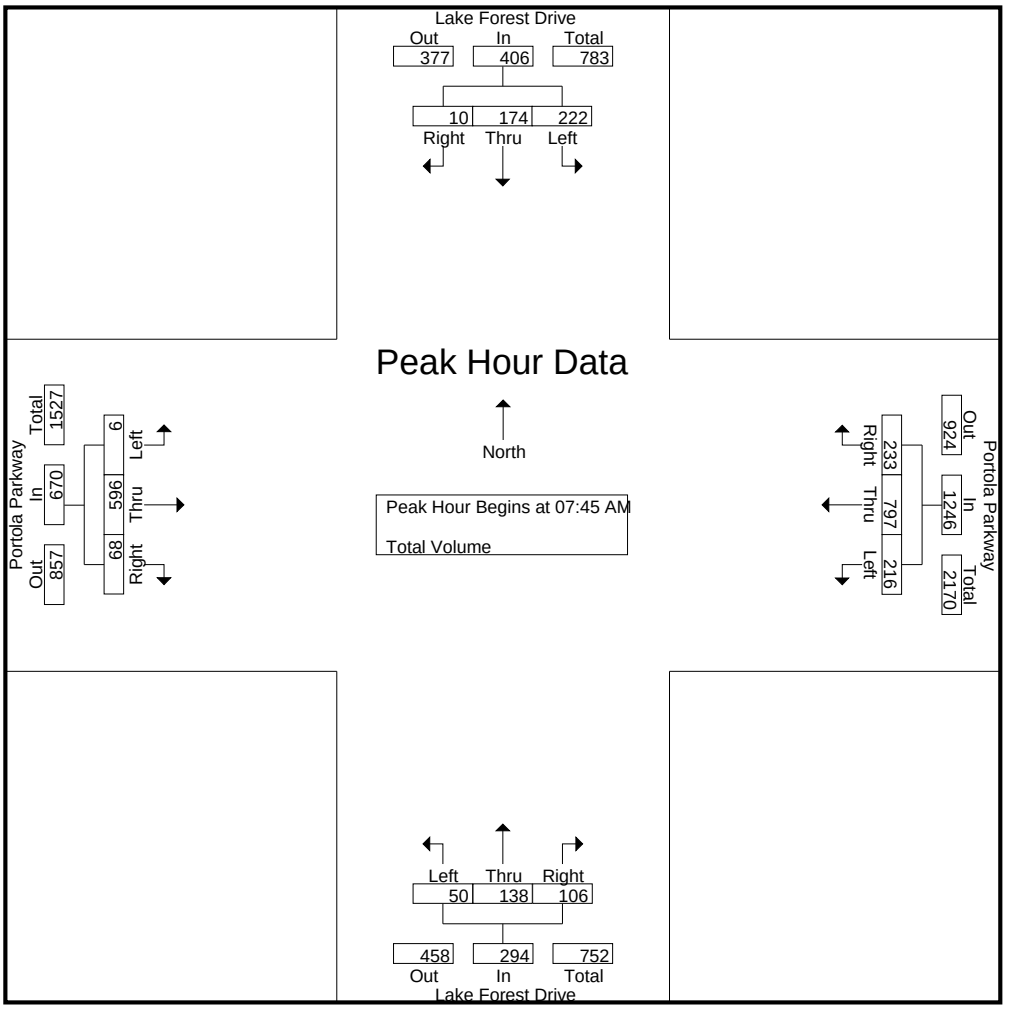

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				08:00 AM				07:30 AM			
+0 mins.	**77**	39	2	**118**	44	193	64	301	7	**41**	21	69	**3**	132	18	153
+15 mins.	65	**49**	3	117	**70**	205	44	**319**	17	36	**35**	**88**	2	150	16	168
+30 mins.	46	38	**4**	88	48	192	**72**	312	**19**	35	22	76	3	**175**	20	**198**
+45 mins.	34	48	1	83	54	**207**	53	314	8	32	25	65	0	147	**22**	169
Total Volume	222	174	10	406	216	797	233	1246	51	144	103	298	8	604	76	688
% App. Total	54.7	42.9	2.5		17.3	64	18.7		17.1	48.3	34.6		1.2	87.8	11	
PHF	.721	.888	.625	.860	.771	.963	.809	.976	.671	.878	.736	.847	.667	.863	.864	.869

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway
Weather: Clear

File Name : 374_LKF_LaFo_Port PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Portola Parkway Westbound				Lake Forest Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	36	4	84	40	201	33	274	18	26	35	79	3	198	20	221	658
04:15 PM	35	43	3	81	38	187	27	252	16	33	40	89	1	180	17	198	620
04:30 PM	36	41	3	80	44	199	27	270	12	38	24	74	4	209	16	229	653
04:45 PM	41	29	5	75	43	186	49	278	22	35	33	90	3	186	16	205	648
Total	156	149	15	320	165	773	136	1074	68	132	132	332	11	773	69	853	2579
05:00 PM	45	52	9	106	41	188	43	272	14	42	45	101	4	211	22	237	716
05:15 PM	49	30	5	84	48	193	32	273	19	39	56	114	6	219	17	242	713
05:30 PM	33	31	5	69	35	240	46	321	25	29	39	93	2	247	15	264	747
05:45 PM	29	32	5	66	27	209	48	284	16	33	39	88	12	262	16	290	728
Total	156	145	24	325	151	830	169	1150	74	143	179	396	24	939	70	1033	2904
Grand Total	312	294	39	645	316	1603	305	2224	142	275	311	728	35	1712	139	1886	5483
Apprch %	48.4	45.6	6		14.2	72.1	13.7		19.5	37.8	42.7		1.9	90.8	7.4		
Total %	5.7	5.4	0.7	11.8	5.8	29.2	5.6	40.6	2.6	5	5.7	13.3	0.6	31.2	2.5	34.4	

	Lake Forest Drive Southbound				Portola Parkway Westbound				Lake Forest Drive Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	45	**52**	**9**	**106**	41	188	43	272	14	**42**	45	101	4	211	**22**	237	716
05:15 PM	**49**	30	5	84	**48**	193	32	273	19	39	**56**	**114**	6	219	17	242	713
05:30 PM	33	31	5	69	35	**240**	46	**321**	**25**	29	39	93	2	247	15	264	**747**
05:45 PM	29	32	5	66	27	209	**48**	284	16	33	39	88	**12**	**262**	16	**290**	728
Total Volume	156	145	24	325	151	830	169	1150	74	143	179	396	24	939	70	1033	2904
% App. Total	48	44.6	7.4		13.1	72.2	14.7		18.7	36.1	45.2		2.3	90.9	6.8		
PHF	.796	.697	.667	.767	.786	.865	.880	.896	.740	.851	.799	.868	.500	.896	.795	.891	.972

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway
Weather: Clear

File Name : 374_LKF_LaFo_Port PM
Site Code : 05124139
Start Date : 2/15/2024
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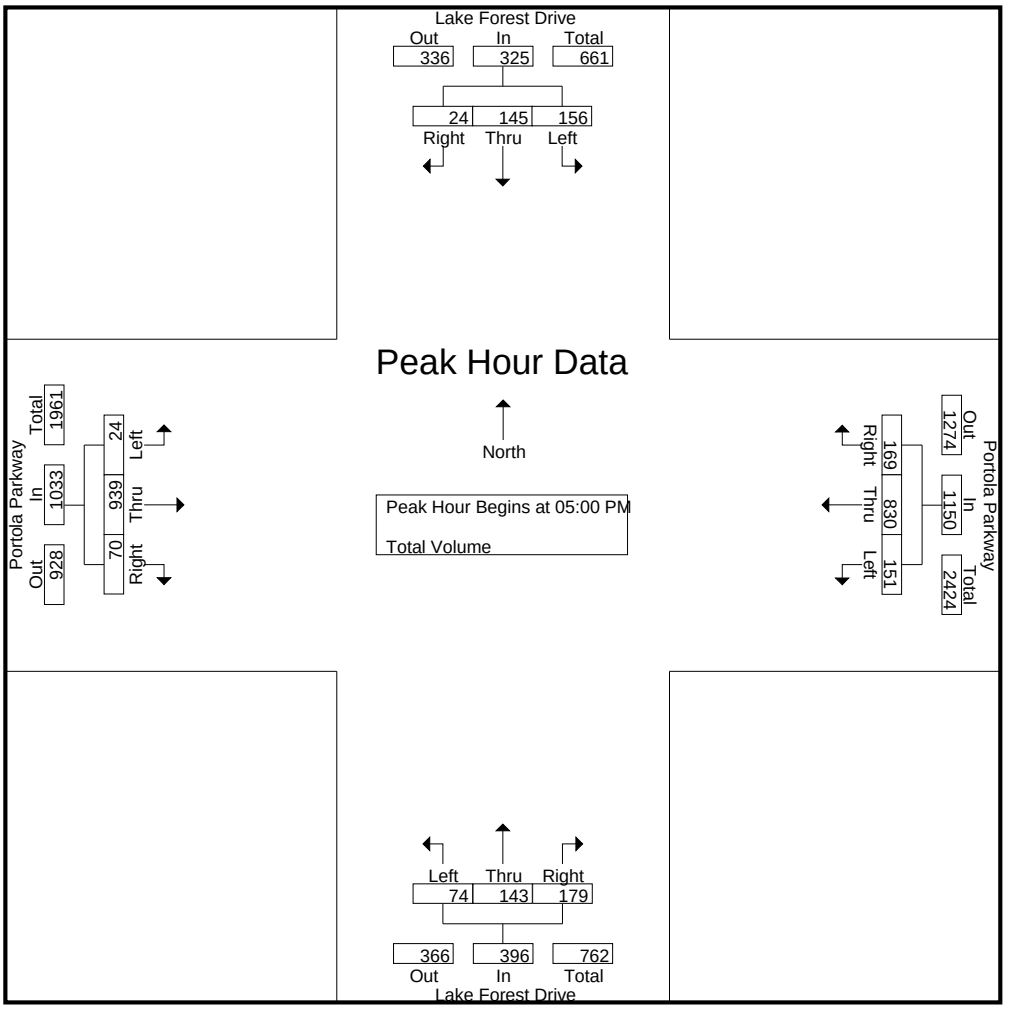

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	36	41	3	80	41	188	43	272	22	35	33	90	4	211	**22**	237
+15 mins.	41	29	5	75	**48**	193	32	273	14	**42**	45	101	6	219	17	242
+30 mins.	45	**52**	**9**	**106**	35	**240**	46	**321**	19	39	**56**	**114**	2	247	15	264
+45 mins.	**49**	30	5	84	27	209	**48**	284	**25**	29	39	93	**12**	**262**	16	**290**
Total Volume	171	152	22	345	151	830	169	1150	80	145	173	398	24	939	70	1033
% App. Total	49.6	44.1	6.4		13.1	72.2	14.7		20.1	36.4	43.5		2.3	90.9	6.8	
PHF	.872	.731	.611	.814	.786	.865	.880	.896	.800	.863	.772	.873	.500	.896	.795	.891

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway

ITAM: 374
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Lake Forest Drive	East Leg Portola Parkway	South Leg Lake Forest Drive	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	1	0	2	0	3
7:30 AM	1	0	2	0	3
7:45 AM	0	0	0	0	0
8:00 AM	1	2	1	0	4
8:15 AM	0	0	1	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	3	2	7	0	12

	North Leg Lake Forest Drive	East Leg Portola Parkway	South Leg Lake Forest Drive	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	5	0	6
4:15 PM	0	0	0	1	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	1	0	1
5:00 PM	0	0	1	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	1	0	7	1	9

Counts Unlimited, Inc.
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951-268-6268

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Portola Parkway

ITAM: 374
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Lake Forest Drive			Westbound Portola Parkway			Northbound Lake Forest Drive			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	2	2	4
8:00 AM	0	0	0	1	0	0	0	0	0	0	1	0	2
8:15 AM	1	1	0	0	0	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	5	0	0	0	0	0	0	0	5
8:45 AM	0	0	0	0	1	0	0	0	0	0	3	0	4
TOTAL VOLUMES:	1	2	0	2	7	0	0	1	0	0	6	2	21

	Southbound Lake Forest Drive			Westbound Portola Parkway			Northbound Lake Forest Drive			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	3	0	4
4:15 PM	0	0	0	0	4	0	0	0	0	0	1	0	5
4:30 PM	0	0	0	0	1	0	0	0	0	0	3	1	5
4:45 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:00 PM	0	1	0	0	2	0	0	0	0	0	0	0	3
5:15 PM	0	1	0	0	1	1	0	1	0	0	0	0	4
5:30 PM	0	0	0	0	1	0	0	0	0	0	3	0	4
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	11	1	0	1	0	0	11	1	27

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Southbound Off Ramp
Weather: Clear

File Name : 375_LKF_Lake F_241S AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Southbound Off Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	52	0	52	0	65	65	15	29	44	161
07:15 AM	72	0	72	0	100	100	18	30	48	220
07:30 AM	92	0	92	0	94	94	17	42	59	245
07:45 AM	123	0	123	0	121	121	26	42	68	312
Total	339	0	339	0	380	380	76	143	219	938
08:00 AM	118	0	118	0	112	112	29	42	71	301
08:15 AM	107	0	107	0	154	154	34	42	76	337
08:30 AM	93	0	93	0	136	136	22	35	57	286
08:45 AM	78	0	78	0	105	105	24	49	73	256
Total	396	0	396	0	507	507	109	168	277	1180
Grand Total	735	0	735	0	887	887	185	311	496	2118
Apprch %	100	0		0	100		37.3	62.7		
Total %	34.7	0	34.7	0	41.9	41.9	8.7	14.7	23.4	

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Southbound Off Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	**123**	0	**123**	0	121	121	26	**42**	68	312
08:00 AM	118	0	118	0	112	112	29	42	71	301
08:15 AM	107	0	107	0	**154**	**154**	**34**	42	**76**	**337**
08:30 AM	93	0	93	0	136	136	22	35	57	286
Total Volume	441	0	441	0	523	523	111	161	272	1236
% App. Total	100	0		0	100		40.8	59.2		
PHF	.896	.000	.896	.000	.849	.849	.816	.958	.895	.917

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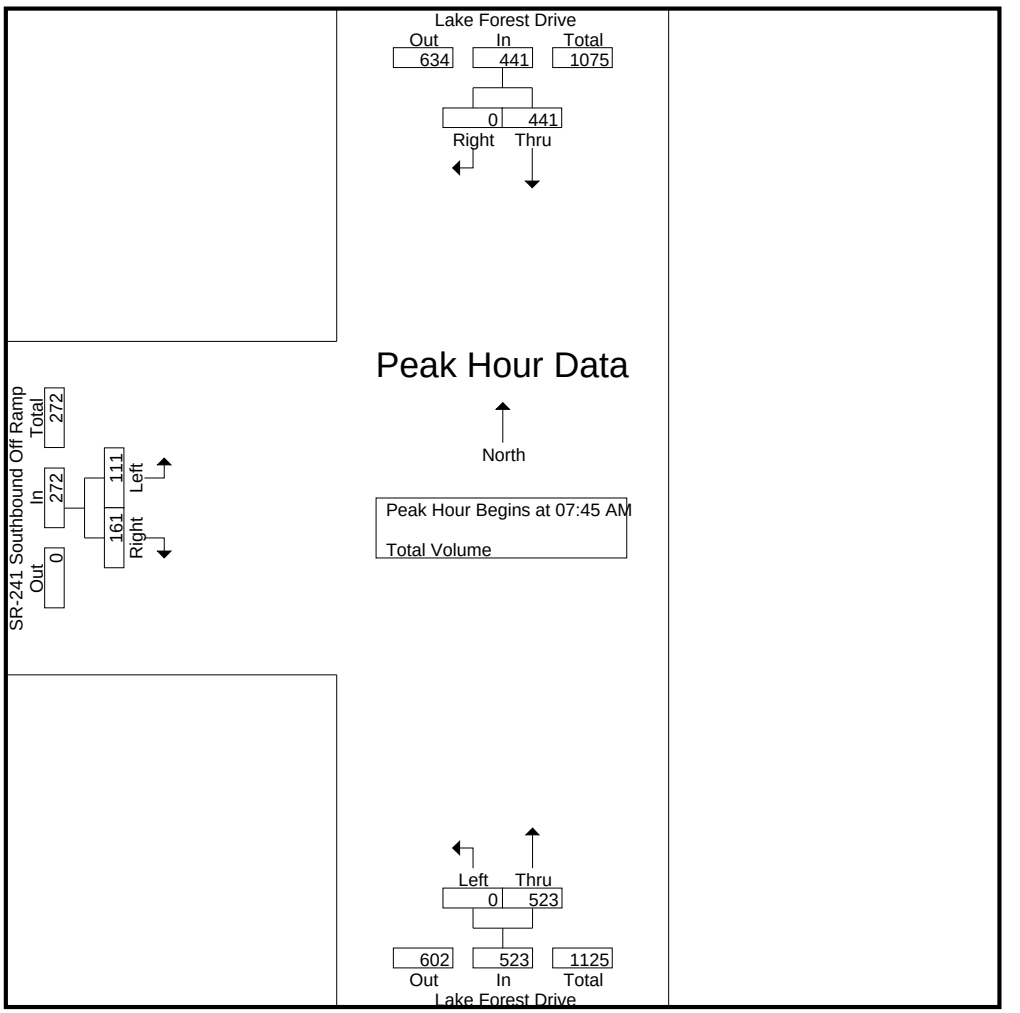
City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Southbound Off Ramp
Weather: Clear

File Name : 375_LKF_Lake F_241S AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			08:00 AM		
+0 mins.	**123**	0	**123**	0	121	121	29	42	71
+15 mins.	118	0	118	0	112	112	**34**	42	**76**
+30 mins.	107	0	107	0	**154**	**154**	22	35	57
+45 mins.	93	0	93	0	136	136	24	**49**	73
Total Volume	441	0	441	0	523	523	109	168	277
% App. Total	100	0		0	100		39.4	60.6	
PHF	.896	.000	.896	.000	.849	.849	.801	.857	.911

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City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Southbound Off Ramp
Weather: Clear

File Name : 375_LKF_Lake F_241S PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Southbound Off Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	122	0	122	0	155	155	20	36	56	333
04:15 PM	107	0	107	0	156	156	23	31	54	317
04:30 PM	117	0	117	0	136	136	19	30	49	302
04:45 PM	115	0	115	0	177	177	18	36	54	346
Total	461	0	461	0	624	624	80	133	213	1298
05:00 PM	133	0	133	0	178	178	14	34	48	359
05:15 PM	140	0	140	0	182	182	30	48	78	400
05:30 PM	109	0	109	0	172	172	19	41	60	341
05:45 PM	121	0	121	0	167	167	22	31	53	341
Total	503	0	503	0	699	699	85	154	239	1441
Grand Total	964	0	964	0	1323	1323	165	287	452	2739
Apprch %	100	0		0	100		36.5	63.5		
Total %	35.2	0	35.2	0	48.3	48.3	6	10.5	16.5	

	Lake Forest Drive Southbound			Lake Forest Drive Northbound			SR-241 Southbound Off Ramp Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	115	0	115	0	177	177	18	36	54	346
05:00 PM	133	0	133	0	178	178	14	34	48	359
05:15 PM	**140**	0	**140**	0	**182**	**182**	**30**	**48**	**78**	**400**
05:30 PM	109	0	109	0	172	172	19	41	60	341
Total Volume	497	0	497	0	709	709	81	159	240	1446
% App. Total	100	0		0	100		33.8	66.2		
PHF	.888	.000	.888	.000	.974	.974	.675	.828	.769	.904

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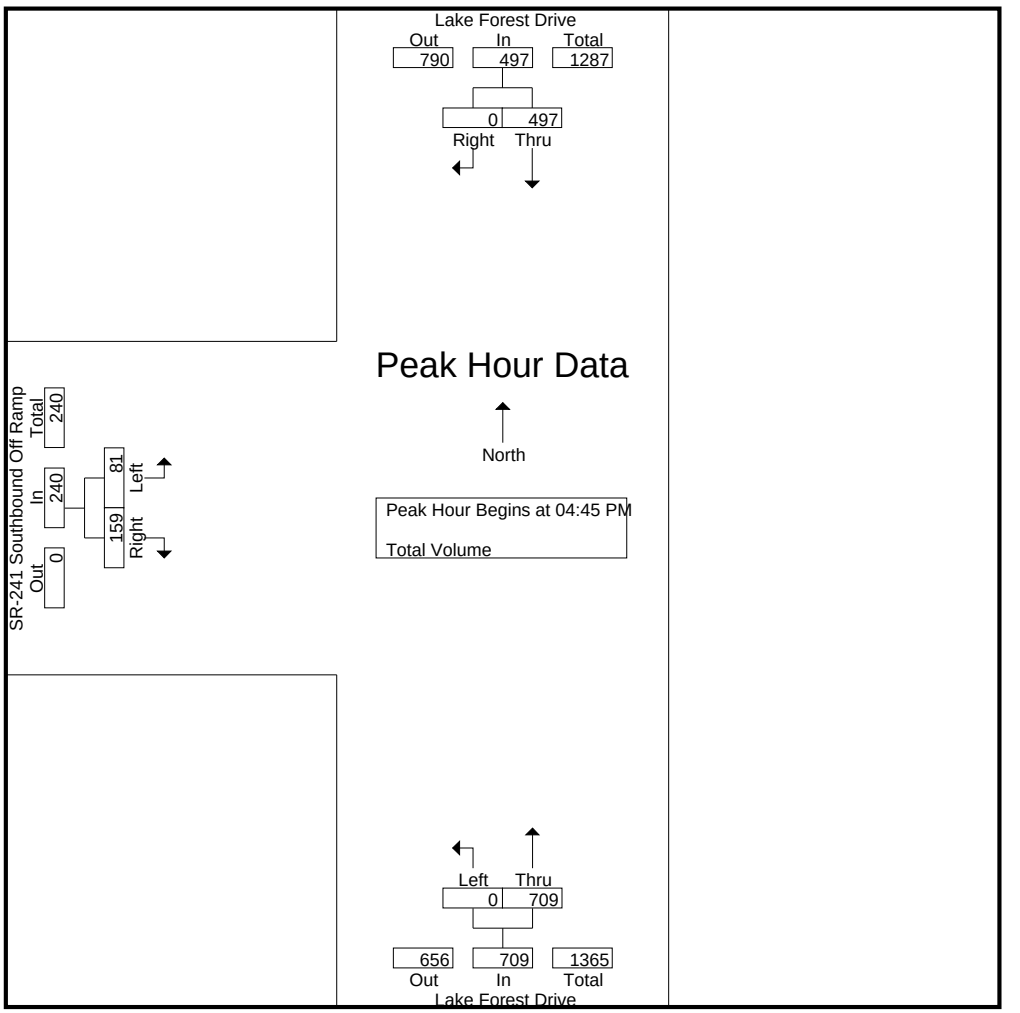
City of Lake Forest
N/S: Lake Forest Drive
E/W: SR-241 Southbound Off Ramp
Weather: Clear

File Name : 375_LKF_Lake F_241S PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:45 PM			04:45 PM		
+0 mins.	117	0	117	0	177	177	18	36	54
+15 mins.	115	0	115	0	178	178	14	34	48
+30 mins.	133	0	133	0	**182**	**182**	**30**	**48**	**78**
+45 mins.	**140**	0	**140**	0	172	172	19	41	60
Total Volume	505	0	505	0	709	709	81	159	240
% App. Total	100	0		0	100		33.8	66.2	
PHF	.902	.000	.902	.000	.974	.974	.675	.828	.769

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road
Weather: Clear

File Name : 376_LKF_LaFo_Tra AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Trabuco Road Westbound				Lake Forest Drive Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	58	177	16	251	86	64	30	180	22	88	20	130	16	70	21	107	668
07:15 AM	91	238	28	357	80	85	52	217	9	98	21	128	24	118	26	168	870
07:30 AM	52	221	28	301	132	138	60	330	27	93	24	144	27	81	33	141	916
07:45 AM	83	275	12	370	115	119	64	298	25	128	35	188	27	129	70	226	1082
Total	284	911	84	1279	413	406	206	1025	83	407	100	590	94	398	150	642	3536
08:00 AM	93	312	24	429	120	127	61	308	59	220	51	330	38	140	83	261	1328
08:15 AM	82	201	21	304	98	160	114	372	63	193	32	288	39	137	35	211	1175
08:30 AM	60	203	37	300	72	119	79	270	33	142	29	204	38	103	29	170	944
08:45 AM	55	181	16	252	91	112	63	266	27	119	22	168	30	100	30	160	846
Total	290	897	98	1285	381	518	317	1216	182	674	134	990	145	480	177	802	4293
Grand Total	574	1808	182	2564	794	924	523	2241	265	1081	234	1580	239	878	327	1444	7829
Apprch %	22.4	70.5	7.1		35.4	41.2	23.3		16.8	68.4	14.8		16.6	60.8	22.6		
Total %	7.3	23.1	2.3	32.8	10.1	11.8	6.7	28.6	3.4	13.8	3	20.2	3.1	11.2	4.2	18.4	

	Lake Forest Drive Southbound				Trabuco Road Westbound				Lake Forest Drive Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	83	275	12	370	115	119	64	298	25	128	35	188	27	129	70	226	1082
08:00 AM	**93**	**312**	24	**429**	**120**	127	61	308	59	**220**	**51**	**330**	38	**140**	**83**	**261**	**1328**
08:15 AM	82	201	21	304	98	**160**	**114**	**372**	**63**	193	32	288	**39**	137	35	211	1175
08:30 AM	60	203	**37**	300	72	119	79	270	33	142	29	204	38	103	29	170	944
Total Volume	318	991	94	1403	405	525	318	1248	180	683	147	1010	142	509	217	868	4529
% App. Total	22.7	70.6	6.7		32.5	42.1	25.5		17.8	67.6	14.6		16.4	58.6	25		
PHF	.855	.794	.635	.818	.844	.820	.697	.839	.714	.776	.721	.765	.910	.909	.654	.831	.853

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road
Weather: Clear

File Name : 376_LKF_LaFo_Tra AM
Site Code : 05124139
Start Date : 2/15/2024
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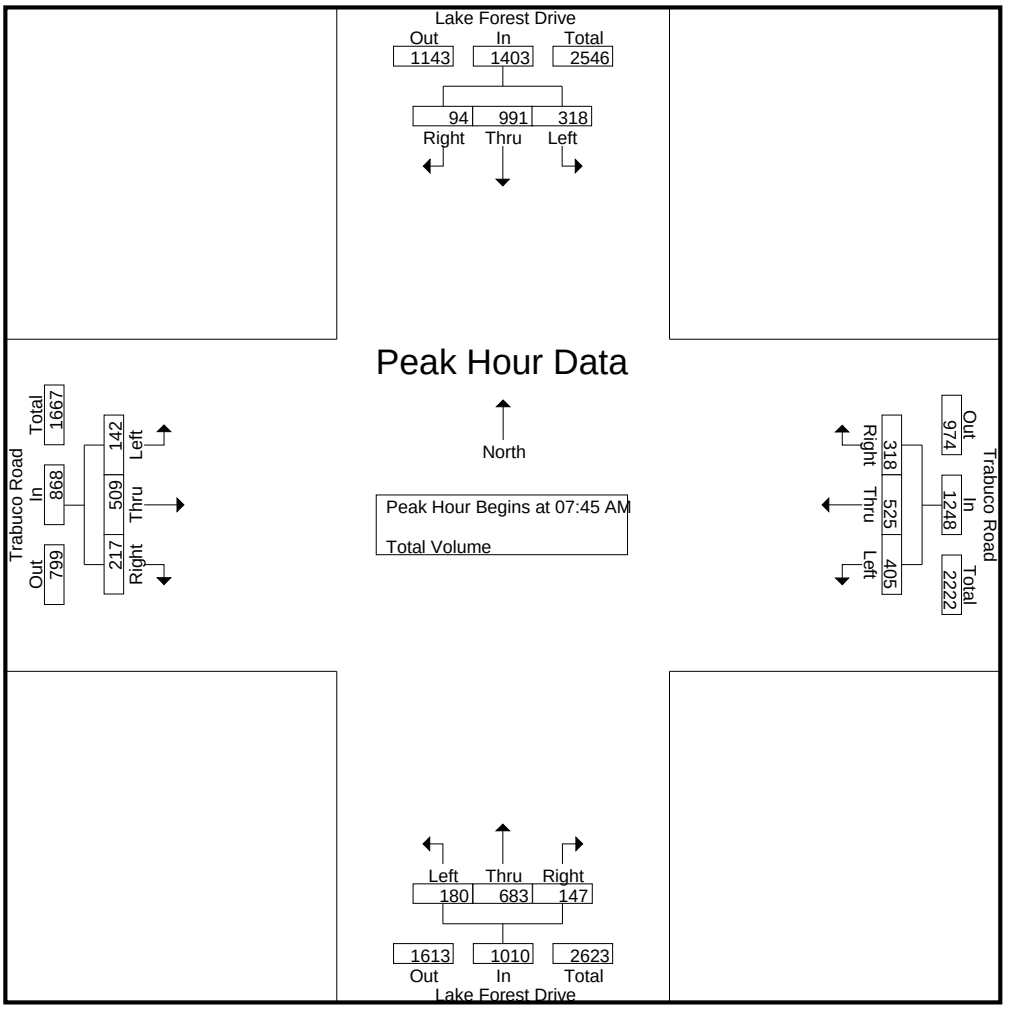

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	91	238	**28**	357	**132**	138	60	330	25	128	35	188	27	129	70	226
+15 mins.	52	221	28	301	115	119	64	298	59	**220**	**51**	**330**	38	**140**	**83**	**261**
+30 mins.	83	275	12	370	120	127	61	308	**63**	193	32	288	**39**	137	35	211
+45 mins.	**93**	**312**	24	**429**	98	**160**	**114**	**372**	33	142	29	204	38	103	29	170
Total Volume	319	1046	92	1457	465	544	299	1308	180	683	147	1010	142	509	217	868
% App. Total	21.9	71.8	6.3		35.6	41.6	22.9		17.8	67.6	14.6		16.4	58.6	25	
PHF	.858	.838	.821	.849	.881	.850	.656	.879	.714	.776	.721	.765	.910	.909	.654	.831

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road
Weather: Clear

File Name : 376_LKF_LaFo_Tra PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Trabuco Road Westbound				Lake Forest Drive Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	66	238	21	325	66	125	73	264	49	209	112	370	78	143	28	249	1208
04:15 PM	62	168	30	260	69	115	72	256	54	221	112	387	62	138	33	233	1136
04:30 PM	66	198	43	307	53	118	79	250	47	204	115	366	73	169	27	269	1192
04:45 PM	85	183	35	303	53	121	82	256	53	221	119	393	67	152	24	243	1195
Total	279	787	129	1195	241	479	306	1026	203	855	458	1516	280	602	112	994	4731
05:00 PM	63	177	21	261	59	122	68	249	53	229	118	400	83	187	28	298	1208
05:15 PM	78	221	23	322	40	129	80	249	51	270	107	428	80	190	35	305	1304
05:30 PM	77	182	26	285	58	131	78	267	57	222	122	401	100	193	35	328	1281
05:45 PM	81	151	21	253	54	113	76	243	47	246	120	413	88	152	27	267	1176
Total	299	731	91	1121	211	495	302	1008	208	967	467	1642	351	722	125	1198	4969
Grand Total	578	1518	220	2316	452	974	608	2034	411	1822	925	3158	631	1324	237	2192	9700
Apprch %	25	65.5	9.5		22.2	47.9	29.9		13	57.7	29.3		28.8	60.4	10.8		
Total %	6	15.6	2.3	23.9	4.7	10	6.3	21	4.2	18.8	9.5	32.6	6.5	13.6	2.4	22.6	

	Lake Forest Drive Southbound				Trabuco Road Westbound				Lake Forest Drive Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**85**	183	**35**	303	53	121	**82**	256	53	221	119	393	67	152	24	243	1195
05:00 PM	63	177	21	261	**59**	122	68	249	53	229	118	400	83	187	28	298	1208
05:15 PM	78	**221**	23	**322**	40	129	80	249	51	**270**	107	**428**	80	190	**35**	305	**1304**
05:30 PM	77	182	26	285	58	**131**	78	**267**	**57**	222	**122**	401	**100**	**193**	35	**328**	1281
Total Volume	303	763	105	1171	210	503	308	1021	214	942	466	1622	330	722	122	1174	4988
% App. Total	25.9	65.2	9		20.6	49.3	30.2		13.2	58.1	28.7		28.1	61.5	10.4		
PHF	.891	.863	.750	.909	.890	.960	.939	.956	.939	.872	.955	.947	.825	.935	.871	.895	.956

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road
Weather: Clear

File Name : 376_LKF_LaFo_Tra PM
Site Code : 05124139
Start Date : 2/15/2024
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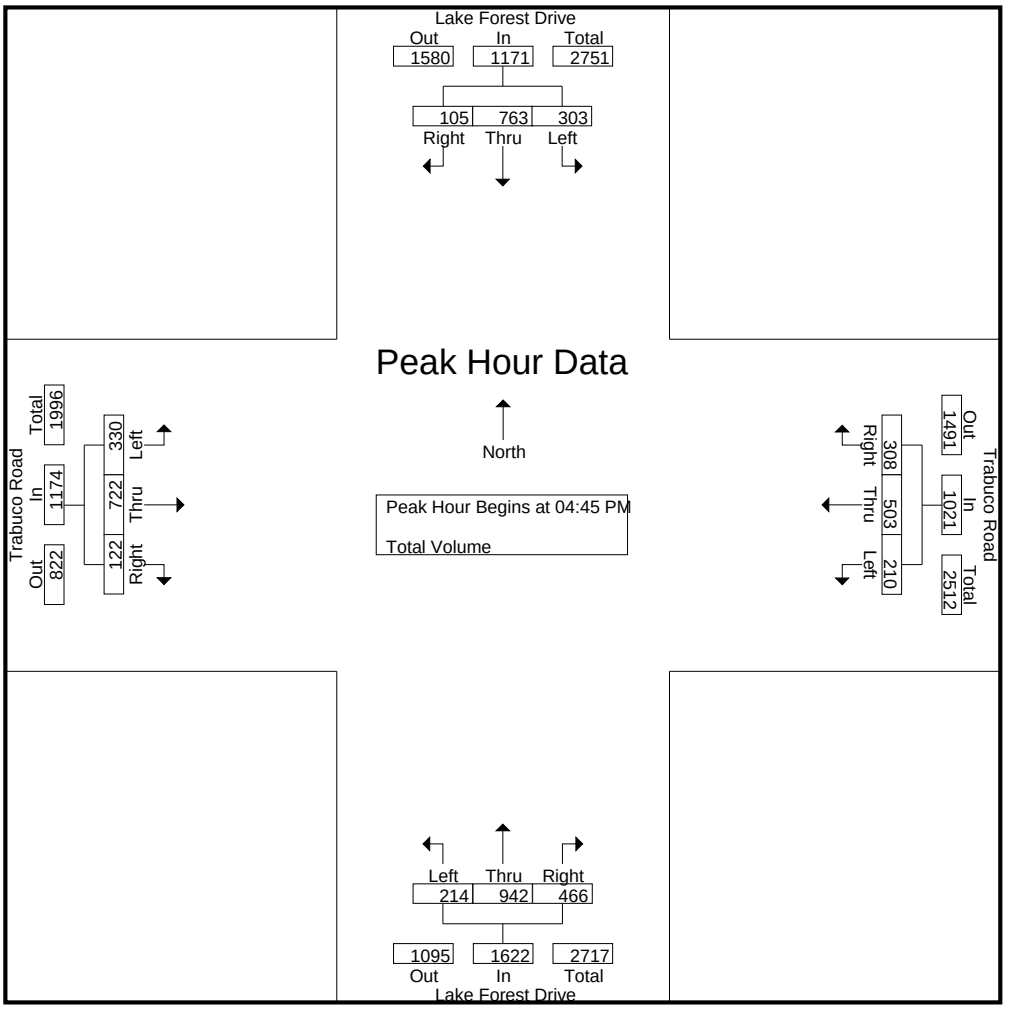

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				05:00 PM				05:00 PM			
+0 mins.	66	**238**	21	**325**	66	**125**	73	**264**	53	229	118	400	83	187	28	298
+15 mins.	62	168	30	260	**69**	115	72	256	51	**270**	107	**428**	80	190	**35**	305
+30 mins.	66	198	**43**	307	53	118	79	250	**57**	222	**122**	401	**100**	**193**	35	**328**
+45 mins.	**85**	183	35	303	53	121	**82**	256	47	246	120	413	88	152	27	267
Total Volume	279	787	129	1195	241	479	306	1026	208	967	467	1642	351	722	125	1198
% App. Total	23.3	65.9	10.8		23.5	46.7	29.8		12.7	58.9	28.4		29.3	60.3	10.4	
PHF	.821	.827	.750	.919	.873	.958	.933	.972	.912	.895	.957	.959	.878	.935	.893	.913

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road

ITAM: 376
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Lake Forest Drive	East Leg Trabuco Road	South Leg Lake Forest Drive	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	2	4
7:15 AM	2	2	0	5	9
7:30 AM	1	0	0	0	1
7:45 AM	0	2	0	4	6
8:00 AM	2	3	0	5	10
8:15 AM	5	1	0	1	7
8:30 AM	0	0	0	1	1
8:45 AM	0	2	1	2	5
TOTAL VOLUMES:	10	10	3	20	43

	North Leg Lake Forest Drive	East Leg Trabuco Road	South Leg Lake Forest Drive	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	2	2	5
4:15 PM	1	0	1	2	4
4:30 PM	3	0	0	1	4
4:45 PM	1	0	0	1	2
5:00 PM	0	1	3	0	4
5:15 PM	2	0	1	4	7
5:30 PM	1	0	1	2	4
5:45 PM	1	0	1	1	3
TOTAL VOLUMES:	9	2	9	13	33

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Location: Lake Forest
N/S: Lake Forest Drive
E/W: Trabuco Road

ITAM: 376
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Lake Forest Drive			Westbound Trabuco Road			Northbound Lake Forest Drive			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	3	1	0	0	0	0	0	0	0	1	0	5
7:15 AM	1	3	0	0	2	0	0	0	0	0	0	1	7
7:30 AM	0	3	0	0	0	0	0	0	0	0	0	0	3
7:45 AM	0	2	0	0	1	0	0	0	0	0	0	0	3
8:00 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	13	1	0	3	0	0	1	0	0	1	1	21

	Southbound Lake Forest Drive			Westbound Trabuco Road			Northbound Lake Forest Drive			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	1	1	0	2
4:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
5:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	4	0	0	0	0	1	1	0	8

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Toledo Way
Weather: Clear

File Name : 377_LKF_LaFo_Tol AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Toledo Way Westbound				Lake Forest Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	259	10	271	16	23	1	40	3	123	9	135	8	5	17	30	476
07:15 AM	9	295	8	312	32	56	7	95	8	118	31	157	2	27	16	45	609
07:30 AM	5	400	13	418	45	42	6	93	7	114	9	130	4	12	23	39	680
07:45 AM	8	375	12	395	35	30	11	76	11	196	7	214	12	22	25	59	744
Total	24	1329	43	1396	128	151	25	304	29	551	56	636	26	66	81	173	2509
08:00 AM	20	398	10	428	30	67	45	142	20	244	41	305	9	30	28	67	942
08:15 AM	10	334	11	355	49	52	26	127	19	189	16	224	11	35	28	74	780
08:30 AM	6	280	9	295	20	29	6	55	10	166	11	187	3	12	10	25	562
08:45 AM	0	293	6	299	11	18	5	34	5	152	15	172	4	12	12	28	533
Total	36	1305	36	1377	110	166	82	358	54	751	83	888	27	89	78	194	2817
Grand Total	60	2634	79	2773	238	317	107	662	83	1302	139	1524	53	155	159	367	5326
Apprch %	2.2	95	2.8		36	47.9	16.2		5.4	85.4	9.1		14.4	42.2	43.3		
Total %	1.1	49.5	1.5	52.1	4.5	6	2	12.4	1.6	24.4	2.6	28.6	1	2.9	3	6.9	

	Lake Forest Drive Southbound				Toledo Way Westbound				Lake Forest Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	5	**400**	**13**	418	45	42	6	93	7	114	9	130	4	12	23	39	680
07:45 AM	8	375	12	395	35	30	11	76	11	196	7	214	**12**	22	25	59	744
08:00 AM	**20**	398	10	**428**	30	**67**	**45**	**142**	**20**	**244**	**41**	**305**	9	30	**28**	67	**942**
08:15 AM	10	334	11	355	**49**	52	26	127	19	189	16	224	11	**35**	28	**74**	780
Total Volume	43	1507	46	1596	159	191	88	438	57	743	73	873	36	99	104	239	3146
% App. Total	2.7	94.4	2.9		36.3	43.6	20.1		6.5	85.1	8.4		15.1	41.4	43.5		
PHF	.538	.942	.885	.932	.811	.713	.489	.771	.713	.761	.445	.716	.750	.707	.929	.807	.835

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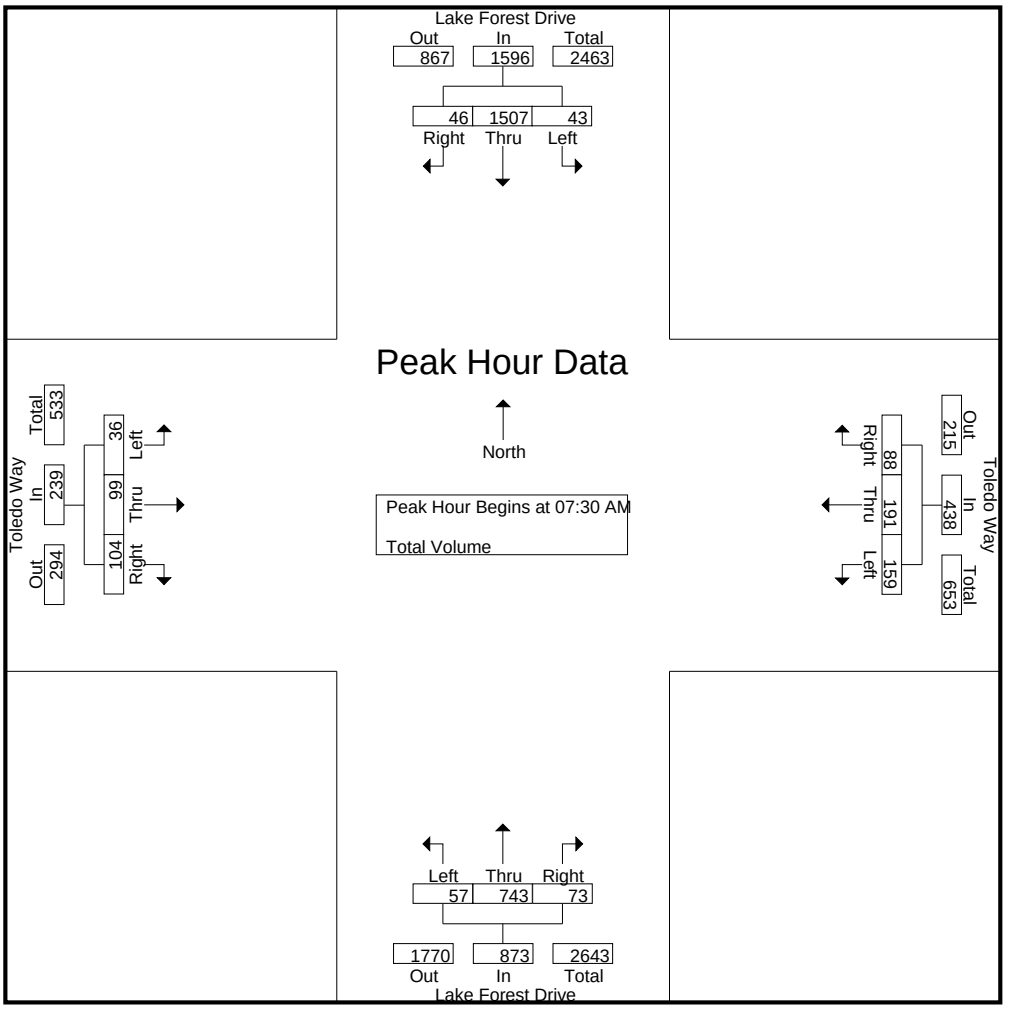

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	5	**400**	**13**	418	45	42	6	93	11	196	7	214	4	12	23	39
+15 mins.	8	375	12	395	35	30	11	76	**20**	**244**	**41**	**305**	**12**	22	25	59
+30 mins.	**20**	398	10	**428**	30	**67**	**45**	**142**	19	189	16	224	9	30	**28**	67
+45 mins.	10	334	11	355	**49**	52	26	127	10	166	11	187	11	**35**	28	**74**
Total Volume	43	1507	46	1596	159	191	88	438	60	795	75	930	36	99	104	239
% App. Total	2.7	94.4	2.9		36.3	43.6	20.1		6.5	85.5	8.1		15.1	41.4	43.5	
PHF	.538	.942	.885	.932	.811	.713	.489	.771	.750	.815	.457	.762	.750	.707	.929	.807

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Groups Printed- Total Volume

	Lake Forest Drive Southbound				Toledo Way Westbound				Lake Forest Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	256	5	267	19	12	14	45	17	342	27	386	19	28	14	61	759
04:15 PM	8	262	4	274	12	15	3	30	15	390	20	425	9	28	15	52	781
04:30 PM	8	202	7	217	15	19	5	39	20	335	31	386	9	34	12	55	697
04:45 PM	4	240	4	248	11	18	8	37	15	359	36	410	14	47	16	77	772
Total	26	960	20	1006	57	64	30	151	67	1426	114	1607	51	137	57	245	3009
05:00 PM	4	218	5	227	18	10	8	36	14	448	39	501	12	47	16	75	839
05:15 PM	2	249	3	254	17	18	7	42	20	358	41	419	6	41	20	67	782
05:30 PM	5	235	8	248	12	30	4	46	17	430	43	490	9	24	11	44	828
05:45 PM	9	234	7	250	16	14	7	37	24	350	34	408	19	27	16	62	757
Total	20	936	23	979	63	72	26	161	75	1586	157	1818	46	139	63	248	3206
Grand Total	46	1896	43	1985	120	136	56	312	142	3012	271	3425	97	276	120	493	6215
Apprch %	2.3	95.5	2.2		38.5	43.6	17.9		4.1	87.9	7.9		19.7	56	24.3		
Total %	0.7	30.5	0.7	31.9	1.9	2.2	0.9	5	2.3	48.5	4.4	55.1	1.6	4.4	1.9	7.9	

	Lake Forest Drive Southbound				Toledo Way Westbound				Lake Forest Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	4	240	4	248	11	18	**8**	37	15	359	36	410	**14**	**47**	16	**77**	772
05:00 PM	4	218	5	227	**18**	10	8	36	14	**448**	39	**501**	12	47	16	75	**839**
05:15 PM	2	**249**	3	**254**	17	18	7	42	**20**	358	41	419	6	41	**20**	67	782
05:30 PM	**5**	235	**8**	248	12	**30**	4	**46**	17	430	**43**	490	9	24	11	44	828
Total Volume	15	942	20	977	58	76	27	161	66	1595	159	1820	41	159	63	263	3221
% App. Total	1.5	96.4	2		36	47.2	16.8		3.6	87.6	8.7		15.6	60.5	24		
PHF	.750	.946	.625	.962	.806	.633	.844	.875	.825	.890	.924	.908	.732	.846	.788	.854	.960

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Site Code : 05124139
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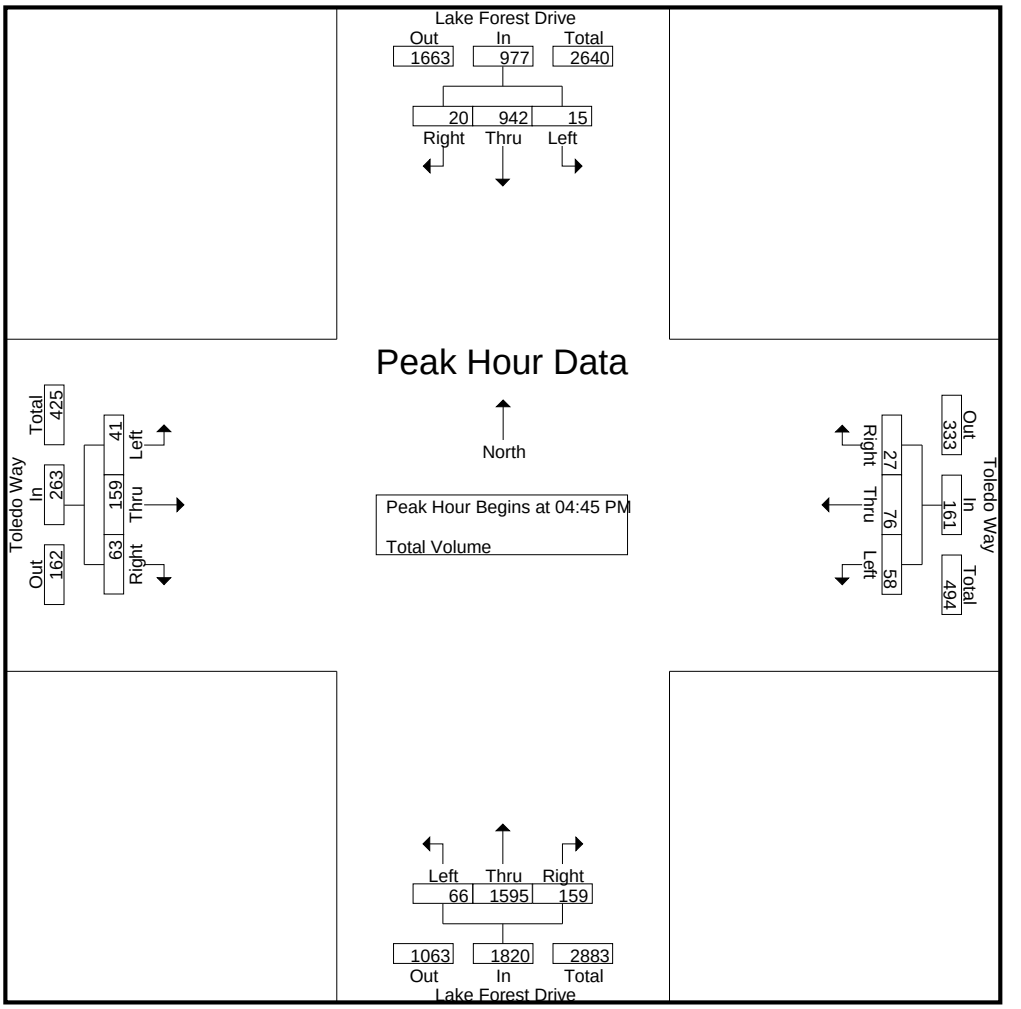

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:45 PM				04:30 PM			
+0 mins.	6	256	5	267	11	18	**8**	37	15	359	36	410	9	34	12	55
+15 mins.	**8**	**262**	4	**274**	**18**	10	8	36	14	**448**	39	**501**	**14**	**47**	16	**77**
+30 mins.	8	202	**7**	217	17	18	7	42	**20**	358	41	419	12	47	16	75
+45 mins.	4	240	4	248	12	**30**	4	**46**	17	430	**43**	490	6	41	**20**	67
Total Volume	26	960	20	1006	58	76	27	161	66	1595	159	1820	41	169	64	274
% App. Total	2.6	95.4	2		36	47.2	16.8		3.6	87.6	8.7		15	61.7	23.4	
PHF	.813	.916	.714	.918	.806	.633	.844	.875	.825	.890	.924	.908	.732	.899	.800	.890

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Toledo Way

ITAM: 377
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Lake Forest Drive	East Leg Toledo Way	South Leg Lake Forest Drive	West Leg Toledo Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	1	2
7:15 AM	1	0	0	1	2
7:30 AM	2	0	0	0	2
7:45 AM	2	0	0	0	2
8:00 AM	1	0	0	0	1
8:15 AM	1	2	2	0	5
8:30 AM	0	1	1	3	5
8:45 AM	1	1	2	1	5
TOTAL VOLUMES:	9	4	5	6	24

	North Leg Lake Forest Drive	East Leg Toledo Way	South Leg Lake Forest Drive	West Leg Toledo Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	1	0	2	3
4:30 PM	0	0	0	4	4
4:45 PM	0	0	1	1	2
5:00 PM	0	2	0	1	3
5:15 PM	1	0	0	5	6
5:30 PM	0	0	1	1	2
5:45 PM	2	0	0	1	3
TOTAL VOLUMES:	4	3	2	15	24

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Location: Lake Forest
N/S: Lake Forest Drive
E/W: Toledo Way

ITAM: 377
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Lake Forest Drive			Westbound Toledo Way			Northbound Lake Forest Drive			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
7:30 AM	0	2	0	0	0	0	0	0	0	0	1	0	3
7:45 AM	0	2	0	0	0	0	0	0	0	0	2	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	0	0	0	0	0	0	0	5	0	10

	Southbound Lake Forest Drive			Westbound Toledo Way			Northbound Lake Forest Drive			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	2	0	0	1	0	0	2	0	8

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Jeronimo Road
Weather: Clear

File Name : 378_LKF_LaFo_Jer AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Jeronimo Road Westbound				Lake Forest Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	48	206	51	305	35	79	27	141	12	106	17	135	18	27	10	55	636
07:15 AM	9	278	58	345	44	99	12	155	13	122	17	152	13	46	9	68	720
07:30 AM	24	314	75	413	47	115	12	174	6	117	21	144	17	35	13	65	796
07:45 AM	74	291	92	457	47	128	54	229	19	176	44	239	25	53	19	97	1022
Total	155	1089	276	1520	173	421	105	699	50	521	99	670	73	161	51	285	3174
08:00 AM	75	328	51	454	66	91	91	248	16	201	45	262	39	60	14	113	1077
08:15 AM	22	281	70	373	57	139	51	247	22	157	18	197	29	48	14	91	908
08:30 AM	10	256	79	345	40	112	10	162	16	171	13	200	9	31	15	55	762
08:45 AM	11	253	59	323	34	91	11	136	17	160	16	193	15	40	18	73	725
Total	118	1118	259	1495	197	433	163	793	71	689	92	852	92	179	61	332	3472
Grand Total	273	2207	535	3015	370	854	268	1492	121	1210	191	1522	165	340	112	617	6646
Apprch %	9.1	73.2	17.7		24.8	57.2	18		8	79.5	12.5		26.7	55.1	18.2		
Total %	4.1	33.2	8	45.4	5.6	12.8	4	22.4	1.8	18.2	2.9	22.9	2.5	5.1	1.7	9.3	

	Lake Forest Drive Southbound				Jeronimo Road Westbound				Lake Forest Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	24	314	75	413	47	115	12	174	6	117	21	144	17	35	13	65	796
07:45 AM	74	291	**92**	**457**	47	128	54	229	19	176	44	239	25	53	**19**	97	1022
08:00 AM	**75**	**328**	51	454	**66**	91	**91**	**248**	16	**201**	**45**	**262**	**39**	**60**	14	**113**	**1077**
08:15 AM	22	281	70	373	57	**139**	51	247	**22**	157	18	197	29	48	14	91	908
Total Volume	195	1214	288	1697	217	473	208	898	63	651	128	842	110	196	60	366	3803
% App. Total	11.5	71.5	17		24.2	52.7	23.2		7.5	77.3	15.2		30.1	53.6	16.4		
PHF	.650	.925	.783	.928	.822	.851	.571	.905	.716	.810	.711	.803	.705	.817	.789	.810	.883

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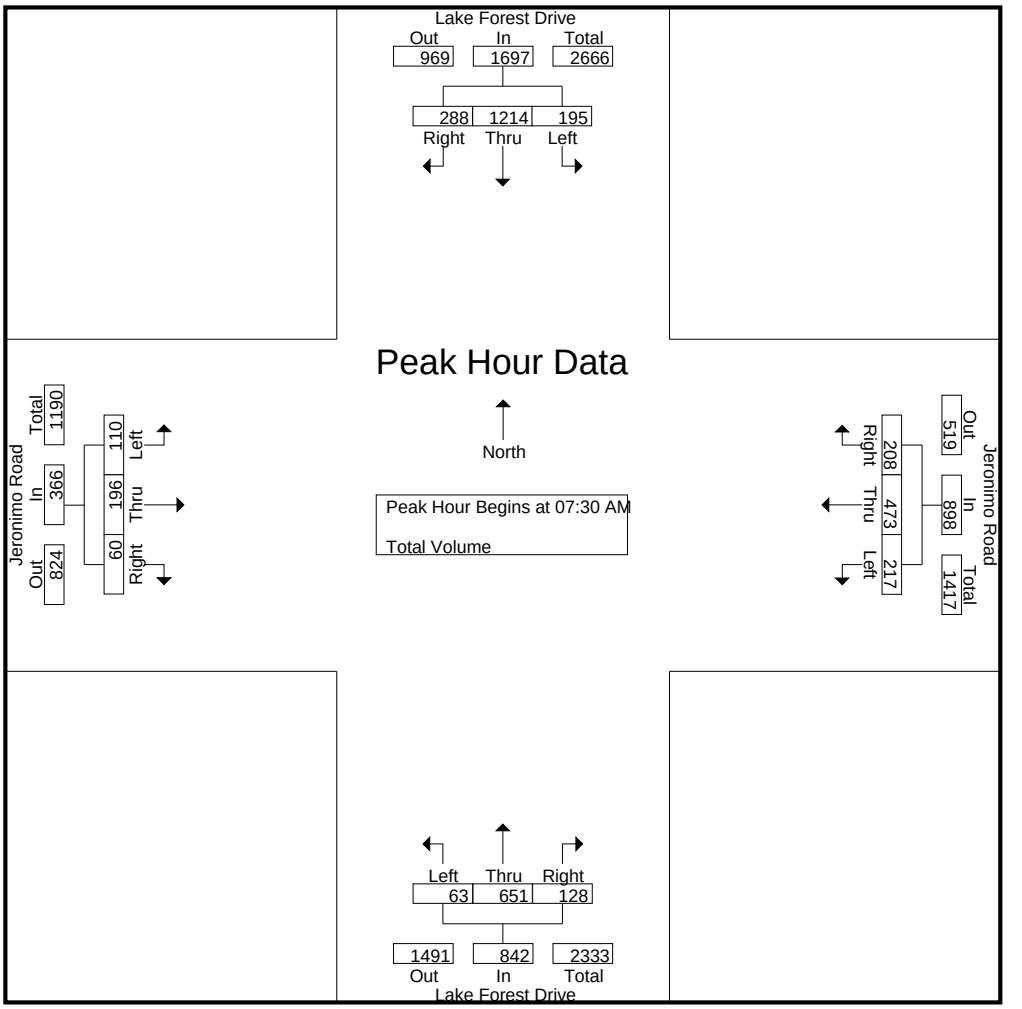

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	24	314	75	413	47	115	12	174	19	176	44	239	17	35	13	65
+15 mins.	74	291	**92**	**457**	47	128	54	229	16	**201**	**45**	**262**	25	53	**19**	97
+30 mins.	**75**	**328**	51	454	**66**	91	**91**	**248**	**22**	157	18	197	**39**	**60**	14	**113**
+45 mins.	22	281	70	373	57	**139**	51	247	16	171	13	200	29	48	14	91
Total Volume	195	1214	288	1697	217	473	208	898	73	705	120	898	110	196	60	366
% App. Total	11.5	71.5	17		24.2	52.7	23.2		8.1	78.5	13.4		30.1	53.6	16.4	
PHF	.650	.925	.783	.928	.822	.851	.571	.905	.830	.877	.667	.857	.705	.817	.789	.810

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File Name : 378_LKF_LaFo_Jer PM
Site Code : 05124139
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Groups Printed- Total Volume

	Lake Forest Drive Southbound				Jeronimo Road Westbound				Lake Forest Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	26	228	29	283	29	74	33	136	13	341	57	411	46	126	16	188	1018
04:15 PM	20	229	40	289	34	61	29	124	12	368	51	431	50	88	14	152	996
04:30 PM	19	195	25	239	20	78	16	114	16	320	59	395	62	133	11	206	954
04:45 PM	15	184	26	225	19	58	18	95	19	368	59	446	54	117	16	187	953
Total	80	836	120	1036	102	271	96	469	60	1397	226	1683	212	464	57	733	3921
05:00 PM	17	218	36	271	24	60	17	101	7	394	52	453	68	168	14	250	1075
05:15 PM	20	198	46	264	31	77	16	124	18	350	50	418	58	175	18	251	1057
05:30 PM	8	202	37	247	14	62	14	90	14	418	63	495	59	144	12	215	1047
05:45 PM	18	199	33	250	40	56	11	107	13	334	51	398	56	135	20	211	966
Total	63	817	152	1032	109	255	58	422	52	1496	216	1764	241	622	64	927	4145
Grand Total	143	1653	272	2068	211	526	154	891	112	2893	442	3447	453	1086	121	1660	8066
Apprch %	6.9	79.9	13.2		23.7	59	17.3		3.2	83.9	12.8		27.3	65.4	7.3		
Total %	1.8	20.5	3.4	25.6	2.6	6.5	1.9	11	1.4	35.9	5.5	42.7	5.6	13.5	1.5	20.6	

	Lake Forest Drive Southbound				Jeronimo Road Westbound				Lake Forest Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	17	**218**	36	**271**	24	60	**17**	101	7	394	52	453	**68**	168	14	250	**1075**
05:15 PM	**20**	198	**46**	264	31	**77**	16	**124**	**18**	350	50	418	58	**175**	18	**251**	1057
05:30 PM	8	202	37	247	14	62	14	90	14	**418**	**63**	**495**	59	144	12	215	1047
05:45 PM	18	199	33	250	**40**	56	11	107	13	334	51	398	56	135	**20**	211	966
Total Volume	63	817	152	1032	109	255	58	422	52	1496	216	1764	241	622	64	927	4145
% App. Total	6.1	79.2	14.7		25.8	60.4	13.7		2.9	84.8	12.2		26	67.1	6.9		
PHF	.788	.937	.826	.952	.681	.828	.853	.851	.722	.895	.857	.891	.886	.889	.800	.923	.964

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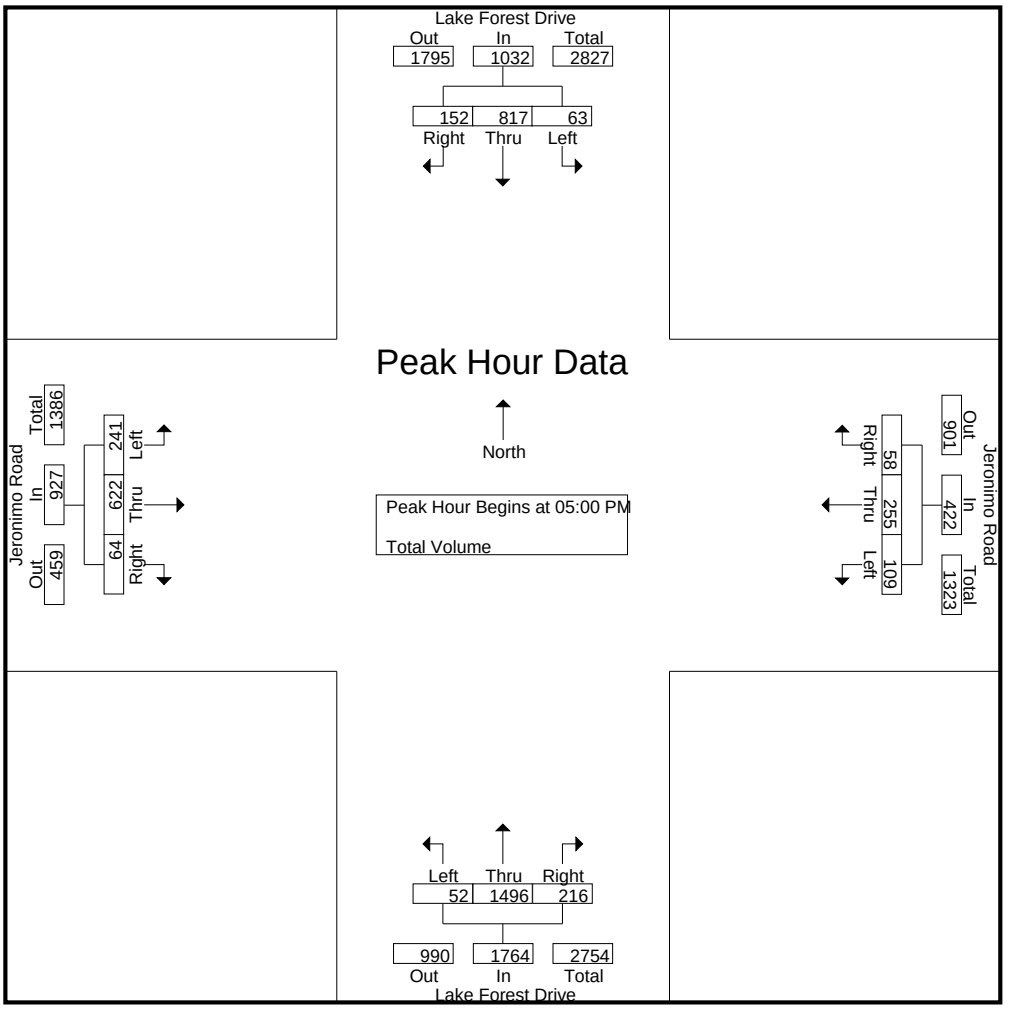
City of Lake Forest
N/S: Lake Forest Drive
E/W: Jeronimo Road
Weather: Clear

File Name : 378_LKF_LaFo_Jer PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	**26**	228	29	283	29	74	**33**	**136**	**19**	368	59	446	**68**	168	14	250
+15 mins.	20	**229**	**40**	**289**	**34**	61	29	124	7	394	52	453	58	**175**	18	**251**
+30 mins.	19	195	25	239	20	**78**	16	114	18	350	50	418	59	144	12	215
+45 mins.	15	184	26	225	19	58	18	95	14	**418**	**63**	**495**	56	135	**20**	211
Total Volume	80	836	120	1036	102	271	96	469	58	1530	224	1812	241	622	64	927
% App. Total	7.7	80.7	11.6		21.7	57.8	20.5		3.2	84.4	12.4		26	67.1	6.9	
PHF	.769	.913	.750	.896	.750	.869	.727	.862	.763	.915	.889	.915	.886	.889	.800	.923

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Jeronimo Road

ITAM: 378
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Lake Forest Drive	East Leg Jeronimo Road	South Leg Lake Forest Drive	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1
7:30 AM	0	0	10	1	11
7:45 AM	0	0	1	0	1
8:00 AM	4	4	0	0	8
8:15 AM	2	1	0	0	3
8:30 AM	0	0	1	0	1
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	6	6	13	1	26

	North Leg Lake Forest Drive	East Leg Jeronimo Road	South Leg Lake Forest Drive	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	1	2	3	6
4:30 PM	0	2	2	3	7
4:45 PM	0	0	0	0	0
5:00 PM	0	1	0	0	1
5:15 PM	1	1	1	1	4
5:30 PM	0	0	1	1	2
5:45 PM	1	0	0	1	2
TOTAL VOLUMES:	2	5	6	9	22

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Location: Lake Forest
N/S: Lake Forest Drive
E/W: Jeronimo Road

ITAM: 378
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Lake Forest Drive			Westbound Jeronimo Road			Northbound Lake Forest Drive			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	1	0	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
7:30 AM	1	0	0	0	0	0	0	0	0	0	1	0	2
7:45 AM	0	0	2	0	0	0	0	0	0	0	8	0	10
8:00 AM	0	0	0	0	0	0	0	1	0	0	1	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	1	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	2	0	2	0	0	1	0	2	10	1	19

	Southbound Lake Forest Drive			Westbound Jeronimo Road			Northbound Lake Forest Drive			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	2	0	2

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 379_LKF_Lake F_Muir AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Muirlands Boulevard Westbound				Lake Forest Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	230	14	252	53	67	9	129	6	115	19	140	2	28	4	34	555
07:15 AM	7	284	27	318	56	65	12	133	3	137	32	172	5	24	2	31	654
07:30 AM	17	373	24	414	53	89	18	160	20	134	35	189	9	21	11	41	804
07:45 AM	21	276	37	334	61	133	45	239	14	186	48	248	3	48	6	57	878
Total	53	1163	102	1318	223	354	84	661	43	572	134	749	19	121	23	163	2891
08:00 AM	29	356	26	411	73	123	44	240	16	199	61	276	10	60	8	78	1005
08:15 AM	52	289	24	365	83	135	35	253	11	135	49	195	8	71	8	87	900
08:30 AM	12	279	14	305	63	117	27	207	13	157	49	219	13	37	10	60	791
08:45 AM	21	278	18	317	55	97	26	178	15	148	36	199	13	44	11	68	762
Total	114	1202	82	1398	274	472	132	878	55	639	195	889	44	212	37	293	3458
Grand Total	167	2365	184	2716	497	826	216	1539	98	1211	329	1638	63	333	60	456	6349
Apprch %	6.1	87.1	6.8		32.3	53.7	14		6	73.9	20.1		13.8	73	13.2		
Total %	2.6	37.2	2.9	42.8	7.8	13	3.4	24.2	1.5	19.1	5.2	25.8	1	5.2	0.9	7.2	

	Lake Forest Drive Southbound				Muirlands Boulevard Westbound				Lake Forest Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	17	**373**	24	**414**	53	89	18	160	**20**	134	35	189	9	21	**11**	41	804
07:45 AM	21	276	**37**	334	61	133	**45**	239	14	186	48	248	3	48	6	57	878
08:00 AM	29	356	26	411	73	123	44	240	16	**199**	**61**	**276**	**10**	60	8	78	**1005**
08:15 AM	**52**	289	24	365	**83**	**135**	35	**253**	11	135	49	195	8	**71**	8	**87**	900
Total Volume	119	1294	111	1524	270	480	142	892	61	654	193	908	30	200	33	263	3587
% App. Total	7.8	84.9	7.3		30.3	53.8	15.9		6.7	72	21.3		11.4	76	12.5		
PHF	.572	.867	.750	.920	.813	.889	.789	.881	.763	.822	.791	.822	.750	.704	.750	.756	.892

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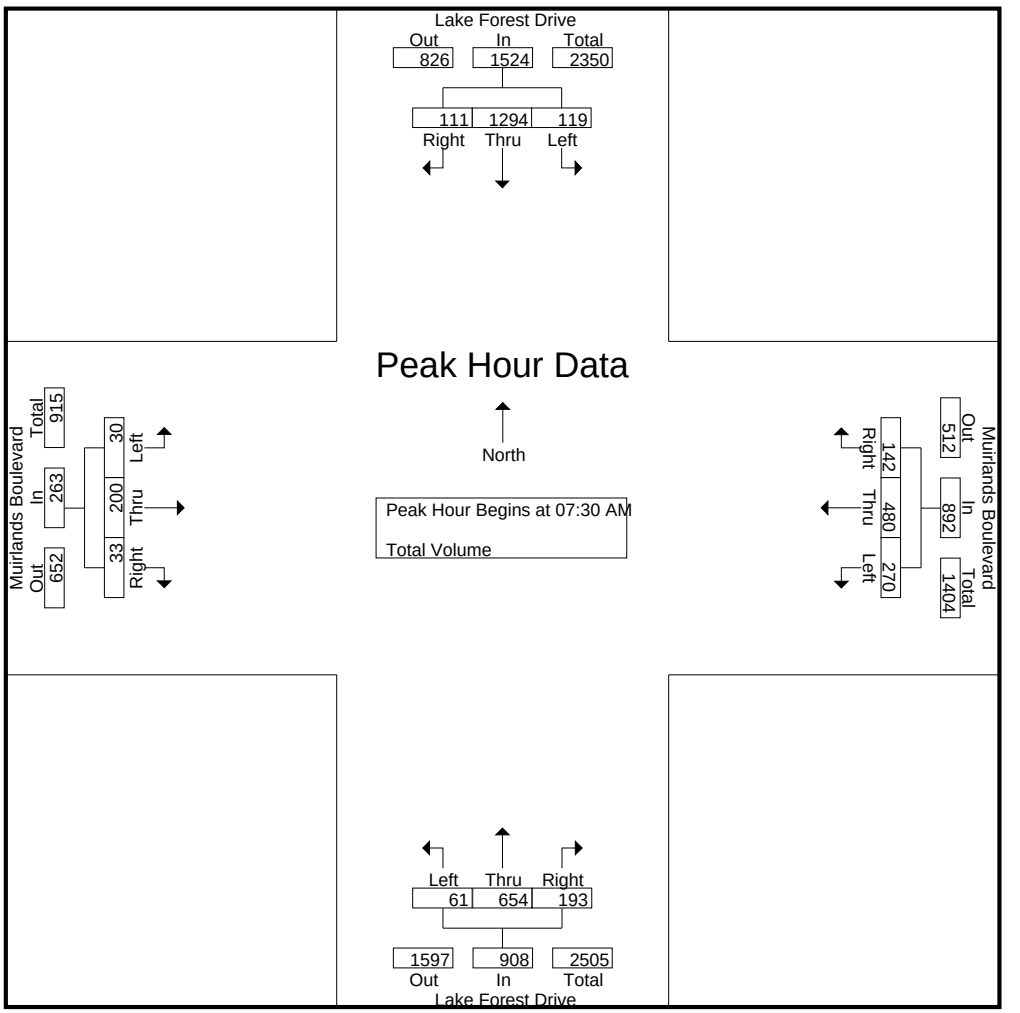
City of Lake Forest
N/S: Lake Forest Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 379_LKF_Lake F_Muir AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	17	**373**	24	**414**	61	133	**45**	239	14	186	48	248	10	60	8	78
+15 mins.	21	276	**37**	334	73	123	44	240	**16**	**199**	**61**	**276**	8	**71**	8	**87**
+30 mins.	29	356	26	411	**83**	**135**	35	**253**	11	135	49	195	**13**	37	10	60
+45 mins.	**52**	289	24	365	63	117	27	207	13	157	49	219	13	44	**11**	68
Total Volume	119	1294	111	1524	280	508	151	939	54	677	207	938	44	212	37	293
% App. Total	7.8	84.9	7.3		29.8	54.1	16.1		5.8	72.2	22.1		15	72.4	12.6	
PHF	.572	.867	.750	.920	.843	.941	.839	.928	.844	.851	.848	.850	.846	.746	.841	.842

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 379_LKF_Lake F_Muir PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Muirlands Boulevard Westbound				Lake Forest Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	22	242	23	287	49	59	25	133	18	392	67	477	34	130	21	185	1082
04:15 PM	36	214	10	260	42	65	23	130	11	322	61	394	40	167	12	219	1003
04:30 PM	31	199	13	243	48	45	23	116	7	379	75	461	42	142	20	204	1024
04:45 PM	29	174	18	221	42	64	29	135	14	361	73	448	55	174	21	250	1054
Total	118	829	64	1011	181	233	100	514	50	1454	276	1780	171	613	74	858	4163
05:00 PM	38	218	10	266	37	80	26	143	4	393	72	469	55	196	14	265	1143
05:15 PM	35	195	17	247	37	66	29	132	9	386	87	482	55	223	9	287	1148
05:30 PM	34	193	9	236	38	71	30	139	12	353	72	437	57	173	18	248	1060
05:45 PM	29	243	13	285	43	47	25	115	16	380	69	465	51	195	23	269	1134
Total	136	849	49	1034	155	264	110	529	41	1512	300	1853	218	787	64	1069	4485
Grand Total	254	1678	113	2045	336	497	210	1043	91	2966	576	3633	389	1400	138	1927	8648
Apprch %	12.4	82.1	5.5		32.2	47.7	20.1		2.5	81.6	15.9		20.2	72.7	7.2		
Total %	2.9	19.4	1.3	23.6	3.9	5.7	2.4	12.1	1.1	34.3	6.7	42	4.5	16.2	1.6	22.3	

	Lake Forest Drive Southbound				Muirlands Boulevard Westbound				Lake Forest Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**38**	218	10	266	37	**80**	26	**143**	4	**393**	72	469	55	196	14	265	1143
05:15 PM	35	195	**17**	247	37	66	29	132	9	386	**87**	**482**	55	**223**	9	**287**	**1148**
05:30 PM	34	193	9	236	38	71	**30**	139	12	353	72	437	**57**	173	18	248	1060
05:45 PM	29	**243**	13	**285**	**43**	47	25	115	**16**	380	69	465	51	195	**23**	269	1134
Total Volume	136	849	49	1034	155	264	110	529	41	1512	300	1853	218	787	64	1069	4485
% App. Total	13.2	82.1	4.7		29.3	49.9	20.8		2.2	81.6	16.2		20.4	73.6	6		
PHF	.895	.873	.721	.907	.901	.825	.917	.925	.641	.962	.862	.961	.956	.882	.696	.931	.977

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 379_LKF_Lake F_Muir PM5
Site Code : 05124139
Start Date : 2/15/2024
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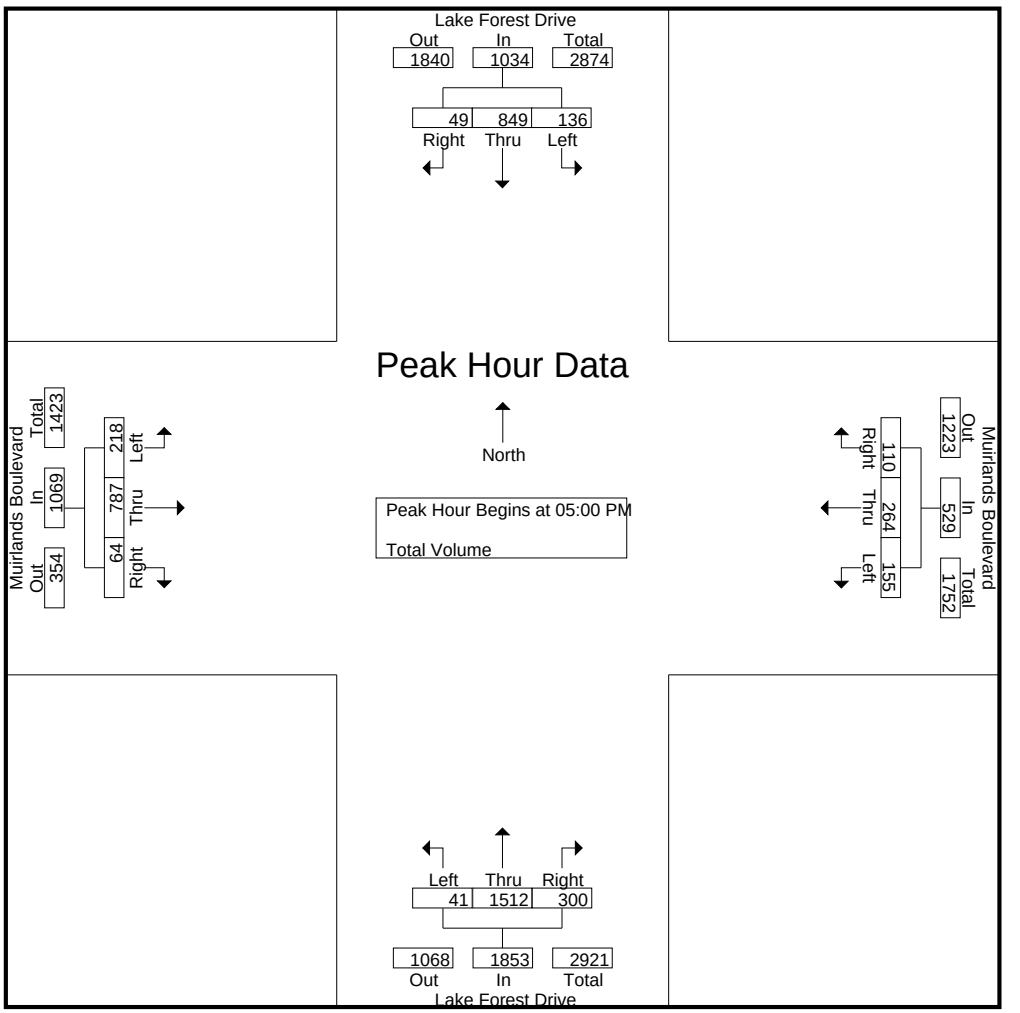

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				05:00 PM			
+0 mins.	**38**	218	10	266	**42**	64	29	135	7	379	75	461	55	196	14	265
+15 mins.	35	195	**17**	247	37	**80**	26	**143**	**14**	361	73	448	55	**223**	9	**287**
+30 mins.	34	193	9	236	37	66	29	132	4	**393**	72	469	**57**	173	18	248
+45 mins.	29	**243**	13	**285**	38	71	**30**	139	9	386	**87**	**482**	51	195	**23**	269
Total Volume	136	849	49	1034	154	281	114	549	34	1519	307	1860	218	787	64	1069
% App. Total	13.2	82.1	4.7		28.1	51.2	20.8		1.8	81.7	16.5		20.4	73.6	6	
PHF	.895	.873	.721	.907	.917	.878	.950	.960	.607	.966	.882	.965	.956	.882	.696	.931

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 380_LKF_LaFo_Rock AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Rockfield Boulevard Westbound				Lake Forest Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	240	14	267	94	51	2	147	67	166	60	293	5	20	36	61	768
07:15 AM	18	337	10	365	103	40	8	151	70	173	48	291	4	10	42	56	863
07:30 AM	12	384	12	408	135	49	10	194	74	171	42	287	16	24	50	90	979
07:45 AM	19	326	17	362	100	68	11	179	111	284	66	461	12	30	52	94	1096
Total	62	1287	53	1402	432	208	31	671	322	794	216	1332	37	84	180	301	3706
08:00 AM	29	316	15	360	133	50	15	198	114	263	61	438	13	15	57	85	1081
08:15 AM	27	365	25	417	119	55	13	187	97	238	60	395	13	28	66	107	1106
08:30 AM	20	327	19	366	103	54	19	176	131	187	60	378	24	35	58	117	1037
08:45 AM	22	255	20	297	122	54	13	189	119	226	71	416	9	43	71	123	1025
Total	98	1263	79	1440	477	213	60	750	461	914	252	1627	59	121	252	432	4249
Grand Total	160	2550	132	2842	909	421	91	1421	783	1708	468	2959	96	205	432	733	7955
Apprch %	5.6	89.7	4.6		64	29.6	6.4		26.5	57.7	15.8		13.1	28	58.9		
Total %	2	32.1	1.7	35.7	11.4	5.3	1.1	17.9	9.8	21.5	5.9	37.2	1.2	2.6	5.4	9.2	

	Lake Forest Drive Southbound				Rockfield Boulevard Westbound				Lake Forest Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	19	326	17	362	100	**68**	11	179	111	**284**	**66**	**461**	12	30	52	94	1096
08:00 AM	**29**	316	15	360	**133**	50	15	**198**	114	263	61	438	13	15	57	85	1081
08:15 AM	27	**365**	**25**	**417**	119	55	13	187	97	238	60	395	13	28	**66**	107	**1106**
08:30 AM	20	327	19	366	103	54	**19**	176	**131**	187	60	378	**24**	**35**	58	**117**	1037
Total Volume	95	1334	76	1505	455	227	58	740	453	972	247	1672	62	108	233	403	4320
% App. Total	6.3	88.6	5		61.5	30.7	7.8		27.1	58.1	14.8		15.4	26.8	57.8		
PHF	.819	.914	.760	.902	.855	.835	.763	.934	.865	.856	.936	.907	.646	.771	.883	.861	.976

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City of Lake Forest
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File Name : 380_LKF_LaFo_Rock AM
Site Code : 05124139
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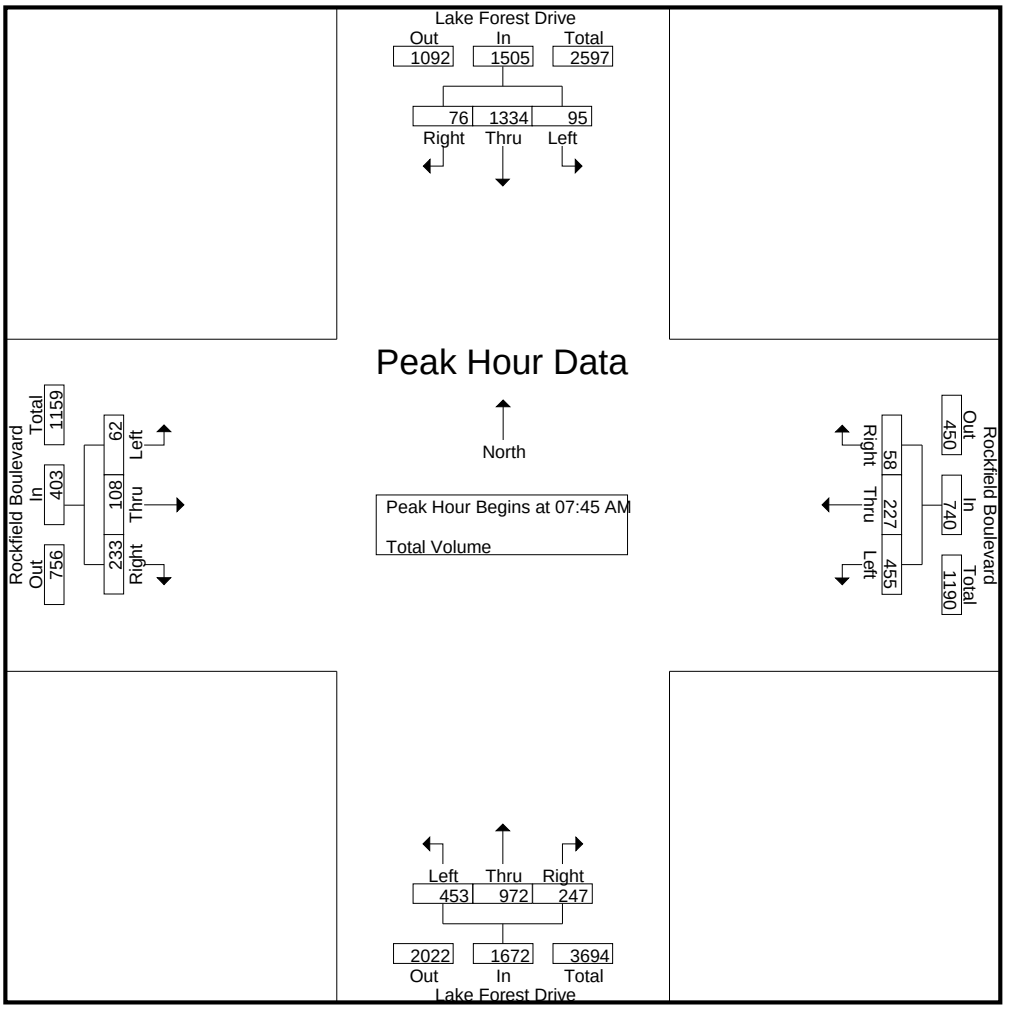

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				08:00 AM			
+0 mins.	12	**384**	12	408	**135**	49	10	194	111	**284**	**66**	**461**	13	15	57	85
+15 mins.	19	326	17	362	100	**68**	11	179	114	263	61	438	13	28	66	107
+30 mins.	**29**	316	15	360	133	50	**15**	**198**	97	238	60	395	**24**	35	58	117
+45 mins.	27	365	**25**	**417**	119	55	13	187	**131**	187	60	378	9	**43**	**71**	**123**
Total Volume	87	1391	69	1547	487	222	49	758	453	972	247	1672	59	121	252	432
% App. Total	5.6	89.9	4.5		64.2	29.3	6.5		27.1	58.1	14.8		13.7	28	58.3	
PHF	.750	.906	.690	.927	.902	.816	.817	.957	.865	.856	.936	.907	.615	.703	.887	.878

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 380_LKF_LaFo_Rock PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Rockfield Boulevard Westbound				Lake Forest Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	57	297	36	390	80	31	18	129	71	394	117	582	36	56	97	189	1290
04:15 PM	26	228	18	272	74	45	31	150	87	391	119	597	41	98	102	241	1260
04:30 PM	39	268	18	325	86	36	33	155	68	410	113	591	35	77	106	218	1289
04:45 PM	39	215	18	272	116	54	35	205	84	389	128	601	49	64	79	192	1270
Total	161	1008	90	1259	356	166	117	639	310	1584	477	2371	161	295	384	840	5109
05:00 PM	32	278	18	328	92	43	38	173	90	457	130	677	42	54	126	222	1400
05:15 PM	39	260	24	323	108	45	31	184	88	396	108	592	30	78	96	204	1303
05:30 PM	37	229	18	284	94	44	25	163	96	408	138	642	34	92	98	224	1313
05:45 PM	33	281	20	334	66	43	24	133	80	430	116	626	43	51	91	185	1278
Total	141	1048	80	1269	360	175	118	653	354	1691	492	2537	149	275	411	835	5294
Grand Total	302	2056	170	2528	716	341	235	1292	664	3275	969	4908	310	570	795	1675	10403
Apprch %	11.9	81.3	6.7		55.4	26.4	18.2		13.5	66.7	19.7		18.5	34	47.5		
Total %	2.9	19.8	1.6	24.3	6.9	3.3	2.3	12.4	6.4	31.5	9.3	47.2	3	5.5	7.6	16.1	

	Lake Forest Drive Southbound				Rockfield Boulevard Westbound				Lake Forest Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	32	278	18	328	92	43	**38**	173	90	**457**	130	**677**	42	54	**126**	222	**1400**
05:15 PM	**39**	260	**24**	323	**108**	**45**	31	**184**	88	396	108	592	30	78	96	204	1303
05:30 PM	37	229	18	284	94	44	25	163	**96**	408	**138**	642	34	**92**	98	**224**	1313
05:45 PM	33	**281**	20	**334**	66	43	24	133	80	430	116	626	**43**	51	91	185	1278
Total Volume	141	1048	80	1269	360	175	118	653	354	1691	492	2537	149	275	411	835	5294
% App. Total	11.1	82.6	6.3		55.1	26.8	18.1		14	66.7	19.4		17.8	32.9	49.2		
PHF	.904	.932	.833	.950	.833	.972	.776	.887	.922	.925	.891	.937	.866	.747	.815	.932	.945

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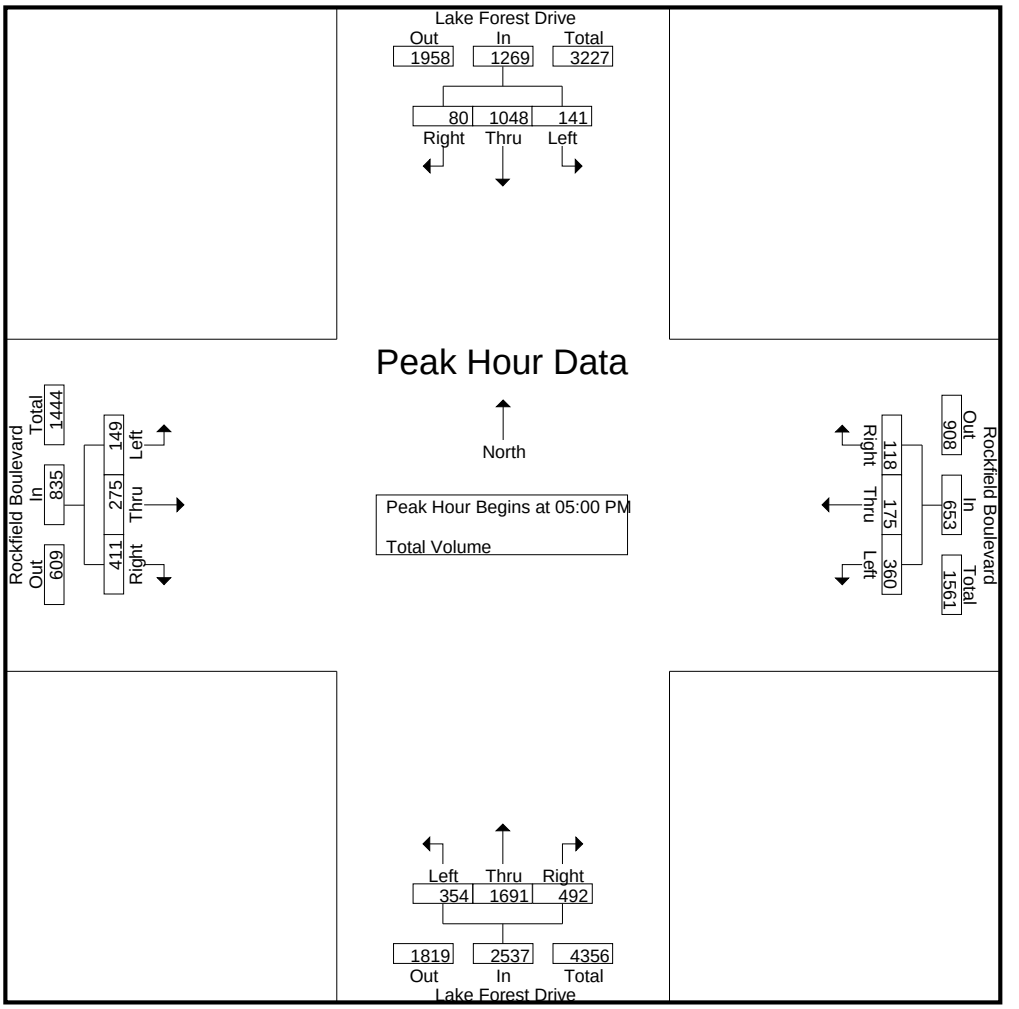
City of Lake Forest
N/S: Lake Forest Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 380_LKF_LaFo_Rock PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:15 PM			
+0 mins.	32	278	18	328	**116**	**54**	35	**205**	90	**457**	130	**677**	41	**98**	102	**241**
+15 mins.	**39**	260	**24**	323	92	43	**38**	173	88	396	108	592	35	77	106	218
+30 mins.	37	229	18	284	108	45	31	184	**96**	408	**138**	642	**49**	64	79	192
+45 mins.	33	**281**	20	**334**	94	44	25	163	80	430	116	626	42	54	**126**	222
Total Volume	141	1048	80	1269	410	186	129	725	354	1691	492	2537	167	293	413	873
% App. Total	11.1	82.6	6.3		56.6	25.7	17.8		14	66.7	19.4		19.1	33.6	47.3	
PHF	.904	.932	.833	.950	.884	.861	.849	.884	.922	.925	.891	.937	.852	.747	.819	.906

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Rockfield Boulevard

ITAM: 380
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Lake Forest Drive	East Leg Rockfield Boulevard	South Leg Lake Forest Drive	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	0	0	3	2	5
7:30 AM	0	2	2	0	4
7:45 AM	0	0	4	0	4
8:00 AM	0	0	1	0	1
8:15 AM	0	0	1	1	2
8:30 AM	0	3	0	0	3
8:45 AM	0	0	1	3	4
TOTAL VOLUMES:	0	6	12	6	24

	North Leg Lake Forest Drive	East Leg Rockfield Boulevard	South Leg Lake Forest Drive	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	1	1	1	0	3
4:30 PM	2	0	4	0	6
4:45 PM	1	0	3	0	4
5:00 PM	0	2	0	0	2
5:15 PM	0	0	0	0	0
5:30 PM	0	1	3	0	4
5:45 PM	0	0	5	0	5
TOTAL VOLUMES:	4	4	17	0	25

Location: Lake Forest
N/S: Lake Forest Drive
E/W: Rockfield Boulevard

ITAM: 380
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Lake Forest Drive			Westbound Rockfield Boulevard			Northbound Lake Forest Drive			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	1	0	1	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	2	0	1	0	0	0	0	0	4

	Southbound Lake Forest Drive			Westbound Rockfield Boulevard			Northbound Lake Forest Drive			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	0	0	1	0	3

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City of Lake Forest
N/S: Lake Forest Drive
E/W: I-5 Northbound Off Ramp
Weather: Clear

File Name : 381_LKF_Lake F_5N AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			I-5 Northbound Off Ramp Westbound			Lake Forest Drive Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	130	130	47	61	108	240	0	240	478
07:15 AM	0	181	181	70	93	163	233	0	233	577
07:30 AM	0	228	228	52	80	132	255	0	255	615
07:45 AM	0	247	247	112	115	227	347	0	347	821
Total	0	786	786	281	349	630	1075	0	1075	2491
08:00 AM	0	232	232	108	103	211	370	0	370	813
08:15 AM	0	250	250	117	85	202	326	0	326	778
08:30 AM	0	250	250	100	109	209	330	0	330	789
08:45 AM	0	218	218	131	139	270	327	0	327	815
Total	0	950	950	456	436	892	1353	0	1353	3195
Grand Total	0	1736	1736	737	785	1522	2428	0	2428	5686
Apprch %	0	100		48.4	51.6		100	0		
Total %	0	30.5	30.5	13	13.8	26.8	42.7	0	42.7	

	Lake Forest Drive Southbound			I-5 Northbound Off Ramp Westbound			Lake Forest Drive Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	0	247	247	112	**115**	**227**	347	0	347	**821**
08:00 AM	0	232	232	108	103	211	**370**	0	**370**	813
08:15 AM	0	**250**	**250**	**117**	85	202	326	0	326	778
08:30 AM	0	250	250	100	109	209	330	0	330	789
Total Volume	0	979	979	437	412	849	1373	0	1373	3201
% App. Total	0	100		51.5	48.5		100	0		
PHF	.000	.979	.979	.934	.896	.935	.928	.000	.928	.975

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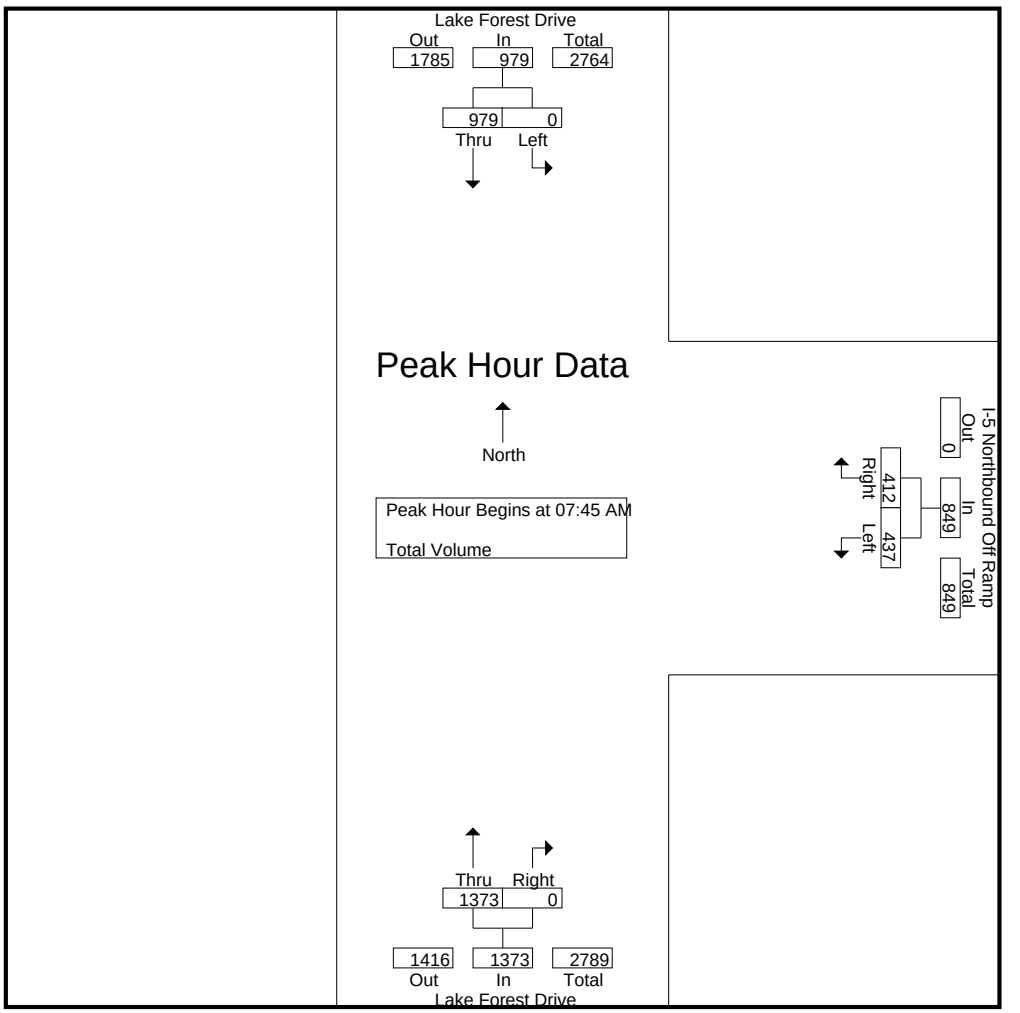
City of Lake Forest
N/S: Lake Forest Drive
E/W: I-5 Northbound Off Ramp
Weather: Clear

File Name : 381_LKF_Lake F_5N AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			07:45 AM		
+0 mins.	0	247	247	108	103	211	347	0	347
+15 mins.	0	232	232	117	85	202	**370**	0	**370**
+30 mins.	0	**250**	**250**	100	109	209	326	0	326
+45 mins.	0	250	250	**131**	**139**	**270**	330	0	330
Total Volume	0	979	979	456	436	892	1373	0	1373
% App. Total	0	100		51.1	48.9		100	0	
PHF	.000	.979	.979	.870	.784	.826	.928	.000	.928

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City of Lake Forest
N/S: Lake Forest Drive
E/W: I-5 Northbound Off Ramp
Weather: Clear

File Name : 381_LKF_Lake F_5N PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound			I-5 Northbound Off Ramp Westbound			Lake Forest Drive Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	215	215	65	97	162	580	0	580	957
04:15 PM	0	215	215	70	101	171	553	0	553	939
04:30 PM	0	244	244	53	126	179	537	0	537	960
04:45 PM	0	200	200	59	127	186	579	0	579	965
Total	0	874	874	247	451	698	2249	0	2249	3821
05:00 PM	0	234	234	44	120	164	558	0	558	956
05:15 PM	0	241	241	60	125	185	574	0	574	1000
05:30 PM	0	222	222	51	122	173	570	0	570	965
05:45 PM	0	247	247	63	127	190	559	0	559	996
Total	0	944	944	218	494	712	2261	0	2261	3917
Grand Total	0	1818	1818	465	945	1410	4510	0	4510	7738
Apprch %	0	100		33	67		100	0		
Total %	0	23.5	23.5	6	12.2	18.2	58.3	0	58.3	

	Lake Forest Drive Southbound			I-5 Northbound Off Ramp Westbound			Lake Forest Drive Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	234	234	44	120	164	558	0	558	956
05:15 PM	0	241	241	60	125	185	**574**	0	**574**	**1000**
05:30 PM	0	222	222	51	122	173	570	0	570	965
05:45 PM	0	**247**	**247**	**63**	**127**	**190**	559	0	559	996
Total Volume	0	944	944	218	494	712	2261	0	2261	3917
% App. Total	0	100		30.6	69.4		100	0		
PHF	.000	.955	.955	.865	.972	.937	.985	.000	.985	.979

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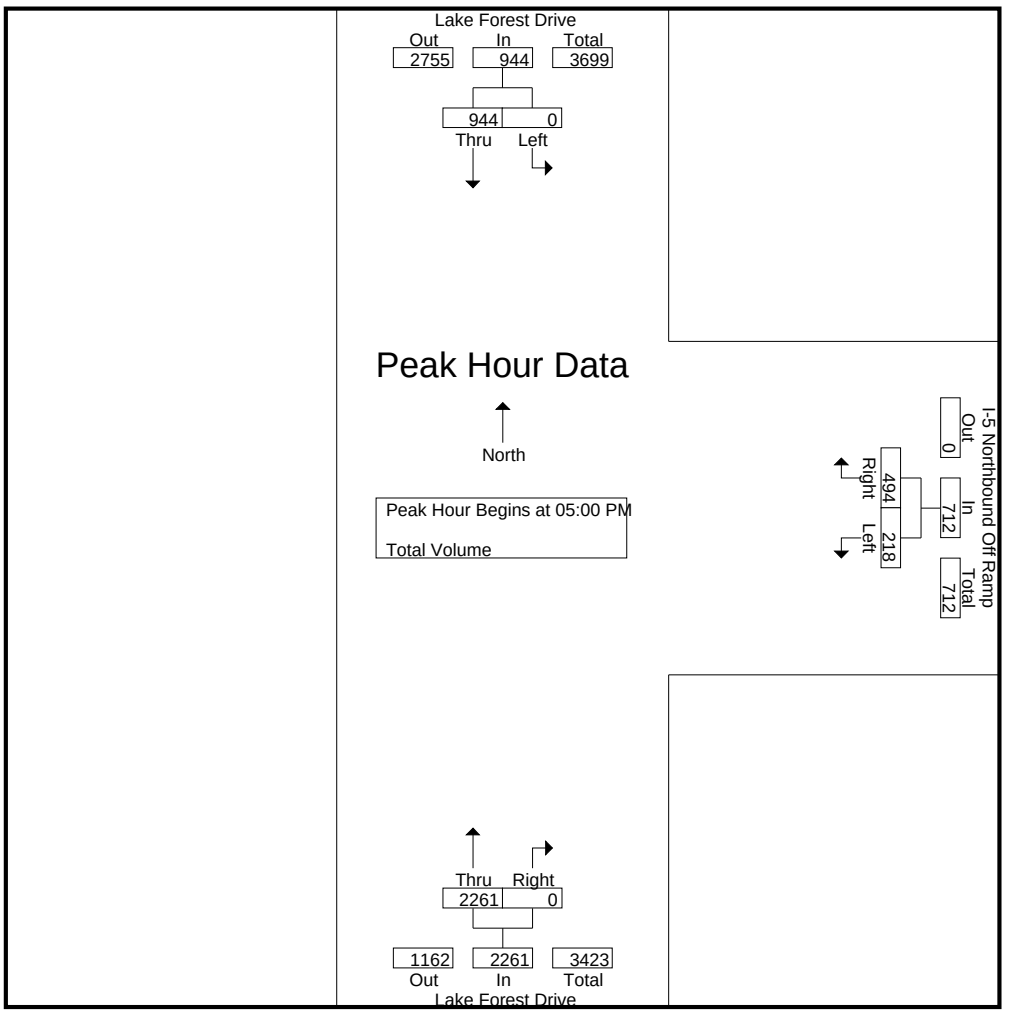
City of Lake Forest
N/S: Lake Forest Drive
E/W: I-5 Northbound Off Ramp
Weather: Clear

File Name : 381_LKF_Lake F_5N PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			04:45 PM		
+0 mins.	0	234	234	53	126	179	**579**	0	**579**
+15 mins.	0	241	241	59	**127**	**186**	558	0	558
+30 mins.	0	222	222	44	120	164	574	0	574
+45 mins.	0	**247**	**247**	**60**	125	185	570	0	570
Total Volume	0	944	944	216	498	714	2281	0	2281
% App. Total	0	100		30.3	69.7		100	0	
PHF	.000	.955	.955	.900	.980	.960	.985	.000	.985

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	142	45	131	318	21	103	78	202	10	0	14	24	0	70	3	73	617
07:15 AM	134	42	129	305	32	173	70	275	18	0	22	40	0	112	9	121	741
07:30 AM	187	61	140	388	22	191	106	319	24	0	17	41	0	131	7	138	886
07:45 AM	218	79	169	466	52	191	86	329	14	0	27	41	0	121	10	131	967
Total	681	227	569	1477	127	658	340	1125	66	0	80	146	0	434	29	463	3211
08:00 AM	224	89	148	461	38	184	79	301	20	0	32	52	0	140	5	145	959
08:15 AM	182	82	144	408	63	257	98	418	21	0	40	61	0	148	13	161	1048
08:30 AM	172	75	134	381	55	234	95	384	34	0	31	65	0	133	10	143	973
08:45 AM	190	80	140	410	48	255	88	391	29	0	34	63	0	139	15	154	1018
Total	768	326	566	1660	204	930	360	1494	104	0	137	241	0	560	43	603	3998
Grand Total	1449	553	1135	3137	331	1588	700	2619	170	0	217	387	0	994	72	1066	7209
Apprch %	46.2	17.6	36.2		12.6	60.6	26.7		43.9	0	56.1		0	93.2	6.8		
Total %	20.1	7.7	15.7	43.5	4.6	22	9.7	36.3	2.4	0	3	5.4	0	13.8	1	14.8	

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**224**	**89**	**148**	**461**	38	184	79	301	20	0	32	52	0	140	5	145	959
08:15 AM	182	82	144	408	**63**	**257**	**98**	**418**	21	0	**40**	61	0	**148**	13	**161**	**1048**
08:30 AM	172	75	134	381	55	234	95	384	**34**	0	31	**65**	0	133	10	143	973
08:45 AM	190	80	140	410	48	255	88	391	29	0	34	63	0	139	**15**	154	1018
Total Volume	768	326	566	1660	204	930	360	1494	104	0	137	241	0	560	43	603	3998
% App. Total	46.3	19.6	34.1		13.7	62.2	24.1		43.2	0	56.8		0	92.9	7.1		
PHF	.857	.916	.956	.900	.810	.905	.918	.894	.765	.000	.856	.927	.000	.946	.717	.936	.954

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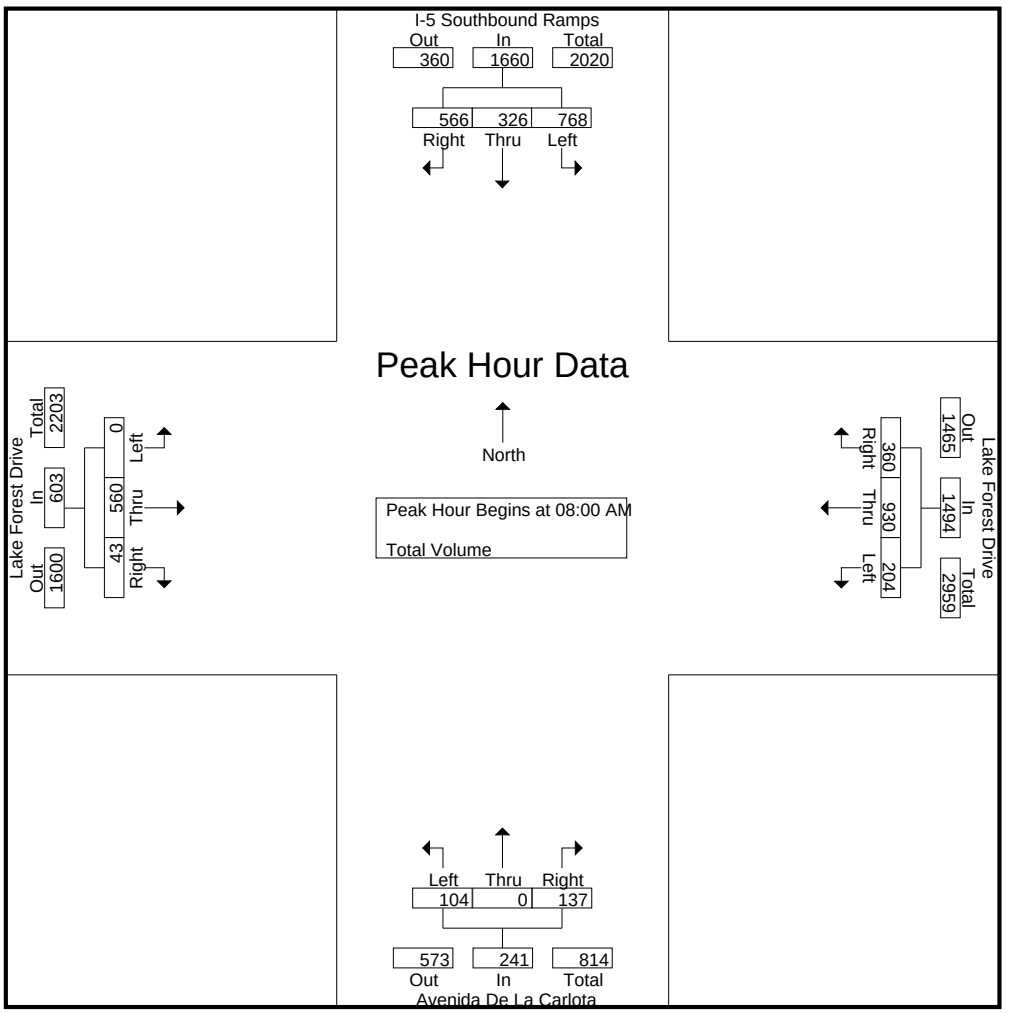
City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	187	61	140	388	38	184	79	301	20	0	32	52	0	140	5	145
+15 mins.	218	79	**169**	**466**	**63**	**257**	**98**	**418**	21	0	**40**	61	0	**148**	13	**161**
+30 mins.	**224**	**89**	148	461	55	234	95	384	**34**	0	31	**65**	0	133	10	143
+45 mins.	182	82	144	408	48	255	88	391	29	0	34	63	0	139	**15**	154
Total Volume	811	311	601	1723	204	930	360	1494	104	0	137	241	0	560	43	603
% App. Total	47.1	18	34.9		13.7	62.2	24.1		43.2	0	56.8		0	92.9	7.1	
PHF	.905	.874	.889	.924	.810	.905	.918	.894	.765	.000	.856	.927	.000	.946	.717	.936

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	307	73	126	506	45	169	97	311	43	0	65	108	0	262	20	282	1207
04:15 PM	327	63	133	523	42	170	74	286	39	0	54	93	0	176	20	196	1098
04:30 PM	367	88	114	569	42	144	94	280	52	0	61	113	0	244	31	275	1237
04:45 PM	336	95	120	551	48	136	80	264	32	0	49	81	0	203	25	228	1124
Total	1337	319	493	2149	177	619	345	1141	166	0	229	395	0	885	96	981	4666
05:00 PM	349	107	115	571	50	165	116	331	51	0	76	127	1	271	16	288	1317
05:15 PM	371	132	120	623	65	173	86	324	33	0	54	87	0	239	18	257	1291
05:30 PM	359	120	102	581	35	149	83	267	42	0	52	94	0	217	17	234	1176
05:45 PM	364	90	121	575	52	152	71	275	26	0	32	58	0	180	32	212	1120
Total	1443	449	458	2350	202	639	356	1197	152	0	214	366	1	907	83	991	4904
06:00 PM	319	100	98	517	37	133	72	242	35	0	55	90	0	173	25	198	1047
06:15 PM	307	72	95	474	29	128	64	221	28	0	36	64	0	141	11	152	911
Grand Total	3406	940	1144	5490	445	1519	837	2801	381	0	534	915	1	2106	215	2322	11528
Apprch %	62	17.1	20.8		15.9	54.2	29.9		41.6	0	58.4		0	90.7	9.3		
Total %	29.5	8.2	9.9	47.6	3.9	13.2	7.3	24.3	3.3	0	4.6	7.9	0	18.3	1.9	20.1	

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	367	88	114	569	42	144	94	280	**52**	0	61	113	0	244	**31**	275	1237
04:45 PM	336	95	**120**	551	48	136	80	264	32	0	49	81	0	203	25	228	1124
05:00 PM	349	107	115	571	50	165	**116**	**331**	51	0	**76**	**127**	**1**	**271**	16	**288**	**1317**
05:15 PM	**371**	**132**	120	**623**	**65**	**173**	86	324	33	0	54	87	0	239	18	257	1291
Total Volume	1423	422	469	2314	205	618	376	1199	168	0	240	408	1	957	90	1048	4969
% App. Total	61.5	18.2	20.3		17.1	51.5	31.4		41.2	0	58.8		0.1	91.3	8.6		
PHF	.959	.799	.977	.929	.788	.893	.810	.906	.808	.000	.789	.803	.250	.883	.726	.910	.943

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Tue PM
Site Code : 19224028
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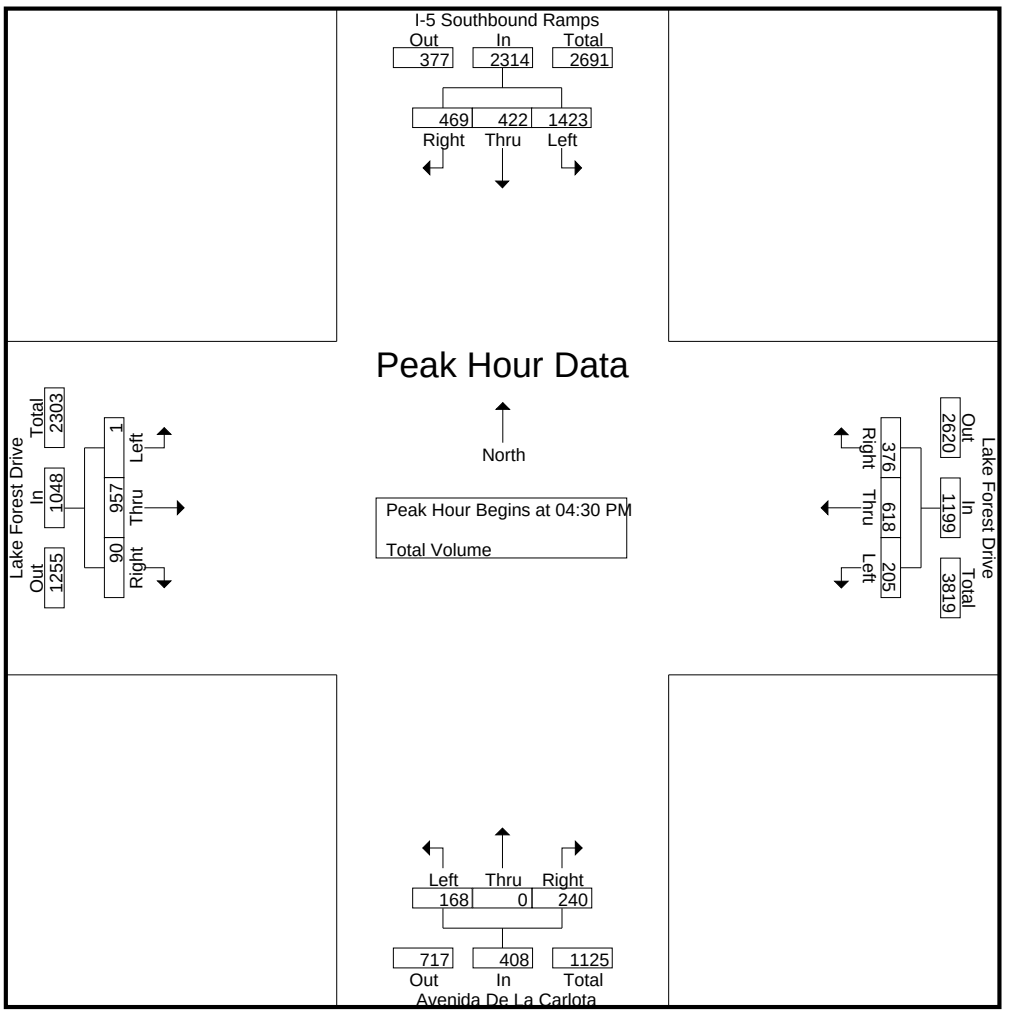

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				04:15 PM				04:30 PM			
+0 mins.	349	107	115	571	42	144	94	280	39	0	54	93	0	244	**31**	275
+15 mins.	**371**	**132**	120	**623**	48	136	80	264	**52**	0	61	113	0	203	25	228
+30 mins.	359	120	102	581	50	165	**116**	**331**	32	0	49	81	**1**	**271**	16	**288**
+45 mins.	364	90	**121**	575	**65**	**173**	86	324	51	0	**76**	**127**	0	239	18	257
Total Volume	1443	449	458	2350	205	618	376	1199	174	0	240	414	1	957	90	1048
% App. Total	61.4	19.1	19.5		17.1	51.5	31.4		42	0	58		0.1	91.3	8.6	
PHF	.972	.850	.946	.943	.788	.893	.810	.906	.837	.000	.789	.815	.250	.883	.726	.910

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	138	59	131	328	20	110	76	206	11	0	18	29	0	61	6	67	630
07:15 AM	180	44	120	344	29	129	84	242	23	0	18	41	0	83	10	93	720
07:30 AM	181	51	122	354	35	135	100	270	16	0	24	40	0	114	8	122	786
07:45 AM	231	68	178	477	49	187	82	318	21	0	28	49	0	124	8	132	976
Total	730	222	551	1503	133	561	342	1036	71	0	88	159	0	382	32	414	3112
08:00 AM	169	91	151	411	56	193	110	359	17	0	21	38	0	157	12	169	977
08:15 AM	149	70	155	374	54	232	94	380	19	0	39	58	0	150	16	166	978
08:30 AM	201	79	151	431	56	209	110	375	26	0	30	56	0	135	8	143	1005
08:45 AM	160	89	125	374	69	199	84	352	28	0	42	70	0	132	17	149	945
Total	679	329	582	1590	235	833	398	1466	90	0	132	222	0	574	53	627	3905
Grand Total	1409	551	1133	3093	368	1394	740	2502	161	0	220	381	0	956	85	1041	7017
Apprch %	45.6	17.8	36.6		14.7	55.7	29.6		42.3	0	57.7		0	91.8	8.2		
Total %	20.1	7.9	16.1	44.1	5.2	19.9	10.5	35.7	2.3	0	3.1	5.4	0	13.6	1.2	14.8	

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**231**	68	**178**	**477**	49	187	82	318	21	0	28	49	0	124	8	132	976
08:00 AM	169	**91**	151	411	**56**	193	**110**	359	17	0	21	38	0	**157**	12	**169**	977
08:15 AM	149	70	155	374	54	**232**	94	**380**	19	0	**39**	**58**	0	150	**16**	166	978
08:30 AM	201	79	151	431	56	209	110	375	**26**	0	30	56	0	135	8	143	**1005**
Total Volume	750	308	635	1693	215	821	396	1432	83	0	118	201	0	566	44	610	3936
% App. Total	44.3	18.2	37.5		15	57.3	27.7		41.3	0	58.7		0	92.8	7.2		
PHF	.812	.846	.892	.887	.960	.885	.900	.942	.798	.000	.756	.866	.000	.901	.688	.902	.979

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
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Weather: Clear

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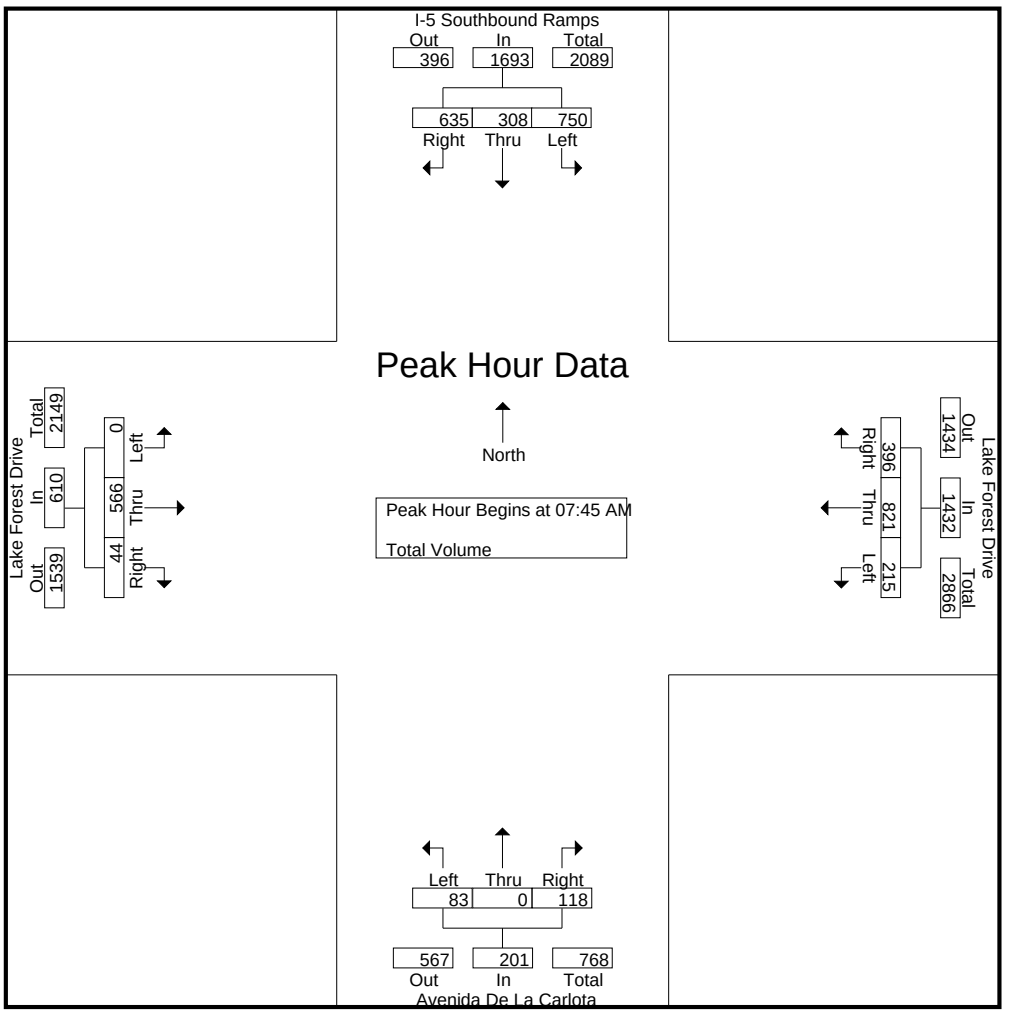

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	**231**	68	**178**	**477**	56	193	**110**	359	17	0	21	38	0	**157**	12	**169**
+15 mins.	169	**91**	151	411	54	**232**	94	**380**	19	0	39	58	0	150	16	166
+30 mins.	149	70	155	374	56	209	110	375	26	0	30	56	0	135	8	143
+45 mins.	201	79	151	431	**69**	199	84	352	**28**	0	**42**	**70**	0	132	**17**	149
Total Volume	750	308	635	1693	235	833	398	1466	90	0	132	222	0	574	53	627
% App. Total	44.3	18.2	37.5		16	56.8	27.1		40.5	0	59.5		0	91.5	8.5	
PHF	.812	.846	.892	.887	.851	.898	.905	.964	.804	.000	.786	.793	.000	.914	.779	.928

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	325	83	126	534	52	155	90	297	38	0	58	96	0	218	25	243	1170
04:15 PM	295	98	103	496	33	155	67	255	29	0	55	84	0	216	19	235	1070
04:30 PM	319	90	130	539	56	148	105	309	54	0	60	114	0	233	14	247	1209
04:45 PM	401	106	117	624	46	152	91	289	33	0	45	78	0	196	21	217	1208
Total	1340	377	476	2193	187	610	353	1150	154	0	218	372	0	863	79	942	4657
05:00 PM	346	123	110	579	41	161	109	311	50	0	60	110	0	256	24	280	1280
05:15 PM	359	103	123	585	61	164	95	320	42	0	57	99	0	230	22	252	1256
05:30 PM	333	102	123	558	48	140	65	253	49	0	50	99	0	212	15	227	1137
05:45 PM	307	97	117	521	50	160	64	274	30	0	52	82	0	179	17	196	1073
Total	1345	425	473	2243	200	625	333	1158	171	0	219	390	0	877	78	955	4746
06:00 PM	363	64	95	522	42	144	110	296	24	0	56	80	0	182	22	204	1102
06:15 PM	321	81	91	493	25	108	82	215	29	0	40	69	0	168	19	187	964
Grand Total	3369	947	1135	5451	454	1487	878	2819	378	0	533	911	0	2090	198	2288	11469
Apprch %	61.8	17.4	20.8		16.1	52.7	31.1		41.5	0	58.5		0	91.3	8.7		
Total %	29.4	8.3	9.9	47.5	4	13	7.7	24.6	3.3	0	4.6	7.9	0	18.2	1.7	19.9	

	I-5 Southbound Ramps Southbound				Lake Forest Drive Westbound				Avenida De La Carlota Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	319	90	**130**	539	56	148	105	309	**54**	0	**60**	**114**	0	233	14	247	1209
04:45 PM	**401**	106	117	**624**	46	152	91	289	33	0	45	78	0	196	21	217	1208
05:00 PM	346	**123**	110	579	41	161	**109**	311	50	0	60	110	0	**256**	**24**	**280**	**1280**
05:15 PM	359	103	123	585	**61**	**164**	95	**320**	42	0	57	99	0	230	22	252	1256
Total Volume	1425	422	480	2327	204	625	400	1229	179	0	222	401	0	915	81	996	4953
% App. Total	61.2	18.1	20.6		16.6	50.9	32.5		44.6	0	55.4		0	91.9	8.1		
PHF	.888	.858	.923	.932	.836	.953	.917	.960	.829	.000	.925	.879	.000	.894	.844	.889	.967

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City of Irvine
N/S: I-5 SB Ramps/Avenida De La Carlota
E/W: Lake Forest Drive
Weather: Clear

File Name : 383_IRV_5S_LF Thu PM
Site Code : 19224028
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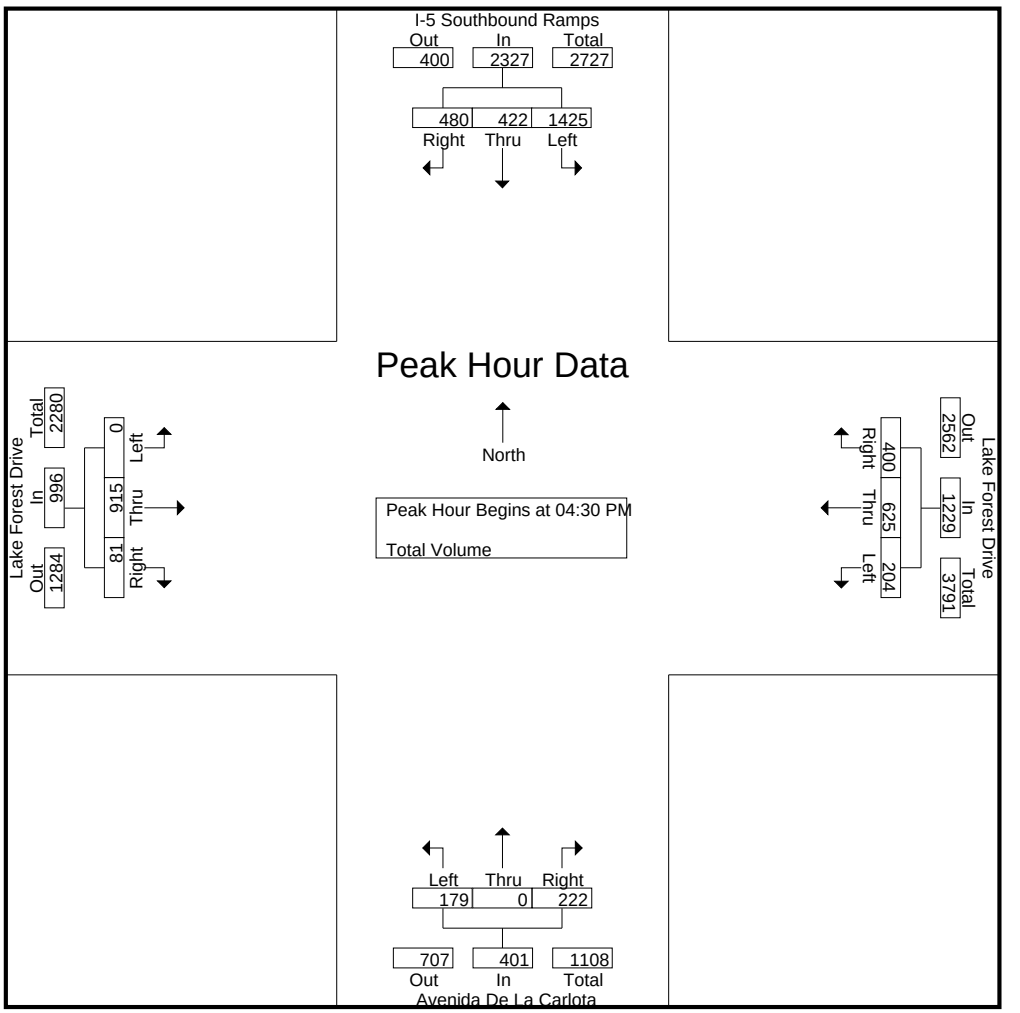

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	**401**	106	117	**624**	56	148	105	309	**54**	0	**60**	**114**	0	233	14	247
+15 mins.	346	**123**	110	579	46	152	91	289	33	0	45	78	0	196	21	217
+30 mins.	359	103	**123**	585	41	161	**109**	311	50	0	60	110	0	**256**	**24**	**280**
+45 mins.	333	102	123	558	**61**	**164**	95	**320**	42	0	57	99	0	230	22	252
Total Volume	1439	434	473	2346	204	625	400	1229	179	0	222	401	0	915	81	996
% App. Total	61.3	18.5	20.2		16.6	50.9	32.5		44.6	0	55.4		0	91.9	8.1	
PHF	.897	.882	.961	.940	.836	.953	.917	.960	.829	.000	.925	.879	.000	.894	.844	.889

Location: Irvine
N/S: I-5 SB Ramps/Avd De La Carlota
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg I-5 SB Ramps	East Leg Lake Forest Drive	South Leg Avenida De La Carlota	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	3	0	1	4
7:30 AM	0	1	2	2	5
7:45 AM	0	0	1	0	1
8:00 AM	0	0	0	0	0
8:15 AM	0	0	1	0	1
8:30 AM	0	1	0	1	2
8:45 AM	0	0	2	2	4
TOTAL VOLUMES:	0	5	6	6	17

	North Leg I-5 SB Ramps	East Leg Lake Forest Drive	South Leg Avenida De La Carlota	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	2	3
4:15 PM	0	5	0	1	6
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	1	1	2
5:15 PM	0	2	1	1	4
5:30 PM	0	0	0	1	1
5:45 PM	0	2	0	0	2
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	10	3	6	19

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Location: Irvine
N/S: I-5 SB Ramps/Avd De La Carlota
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound I-5 SB Ramps			Westbound Lake Forest Drive			Northbound Avenida De La Carlota			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	0	0	0	0	0	0	0	0	1

	Southbound I-5 SB Ramps			Westbound Lake Forest Drive			Northbound Avenida De La Carlota			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	0	0	0	2

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Location: Irvine
N/S: I-5 SB Ramps/Avd De La Carlota
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg I-5 SB Ramps	East Leg Lake Forest Drive	South Leg Avenida De La Carlota	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	1	0	0	0	1
8:15 AM	1	0	1	0	2
8:30 AM	2	0	0	1	3
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	4	0	1	1	6

	North Leg I-5 SB Ramps	East Leg Lake Forest Drive	South Leg Avenida De La Carlota	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	6	0	0	1	7
4:15 PM	2	0	0	1	3
4:30 PM	0	0	0	0	0
4:45 PM	2	0	0	1	3
5:00 PM	1	0	0	1	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	2	0	0	1	3
6:00 PM	1	0	0	1	2
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	14	0	0	6	20

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Location: Irvine
N/S: I-5 SB Ramps/Avd De La Carlota
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound I-5 SB Ramps			Westbound Lake Forest Drive			Northbound Avenida De La Carlota			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound I-5 SB Ramps			Westbound Lake Forest Drive			Northbound Avenida De La Carlota			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	0	0	0	0	0	0	0	0	1

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City of Irvine
N/S: Irvine Center Drive/Moulton Pkwy
E/W: Lake Forest Drive
Weather: Clear

File Name : 385_IRV_ICD_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	31	0	37	63	57	15	135	12	94	33	139	0	24	6	30	341
07:15 AM	4	49	3	56	80	59	16	155	29	126	48	203	0	34	15	49	463
07:30 AM	11	72	1	84	137	77	21	235	44	104	61	209	1	51	17	69	597
07:45 AM	17	82	2	101	130	72	31	233	58	182	82	322	1	55	26	82	738
Total	38	234	6	278	410	265	83	758	143	506	224	873	2	164	64	230	2139
08:00 AM	9	87	1	97	117	79	26	222	77	176	77	330	3	61	17	81	730
08:15 AM	15	81	1	97	132	98	34	264	46	190	70	306	3	59	21	83	750
08:30 AM	14	87	0	101	136	115	32	283	57	179	81	317	2	48	14	64	765
08:45 AM	19	66	3	88	129	94	39	262	43	154	86	283	2	34	22	58	691
Total	57	321	5	383	514	386	131	1031	223	699	314	1236	10	202	74	286	2936
Grand Total	95	555	11	661	924	651	214	1789	366	1205	538	2109	12	366	138	516	5075
Apprch %	14.4	84	1.7		51.6	36.4	12		17.4	57.1	25.5		2.3	70.9	26.7		
Total %	1.9	10.9	0.2	13	18.2	12.8	4.2	35.3	7.2	23.7	10.6	41.6	0.2	7.2	2.7	10.2	

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**17**	82	**2**	**101**	130	72	31	233	58	182	**82**	322	1	55	**26**	82	738
08:00 AM	9	**87**	1	97	117	79	26	222	**77**	176	77	**330**	**3**	**61**	17	81	730
08:15 AM	15	81	1	97	132	98	**34**	264	46	**190**	70	306	3	59	21	**83**	750
08:30 AM	14	87	0	101	**136**	**115**	32	**283**	57	179	81	317	2	48	14	64	**765**
Total Volume	55	337	4	396	515	364	123	1002	238	727	310	1275	9	223	78	310	2983
% App. Total	13.9	85.1	1		51.4	36.3	12.3		18.7	57	24.3		2.9	71.9	25.2		
PHF	.809	.968	.500	.980	.947	.791	.904	.885	.773	.957	.945	.966	.750	.914	.750	.934	.975

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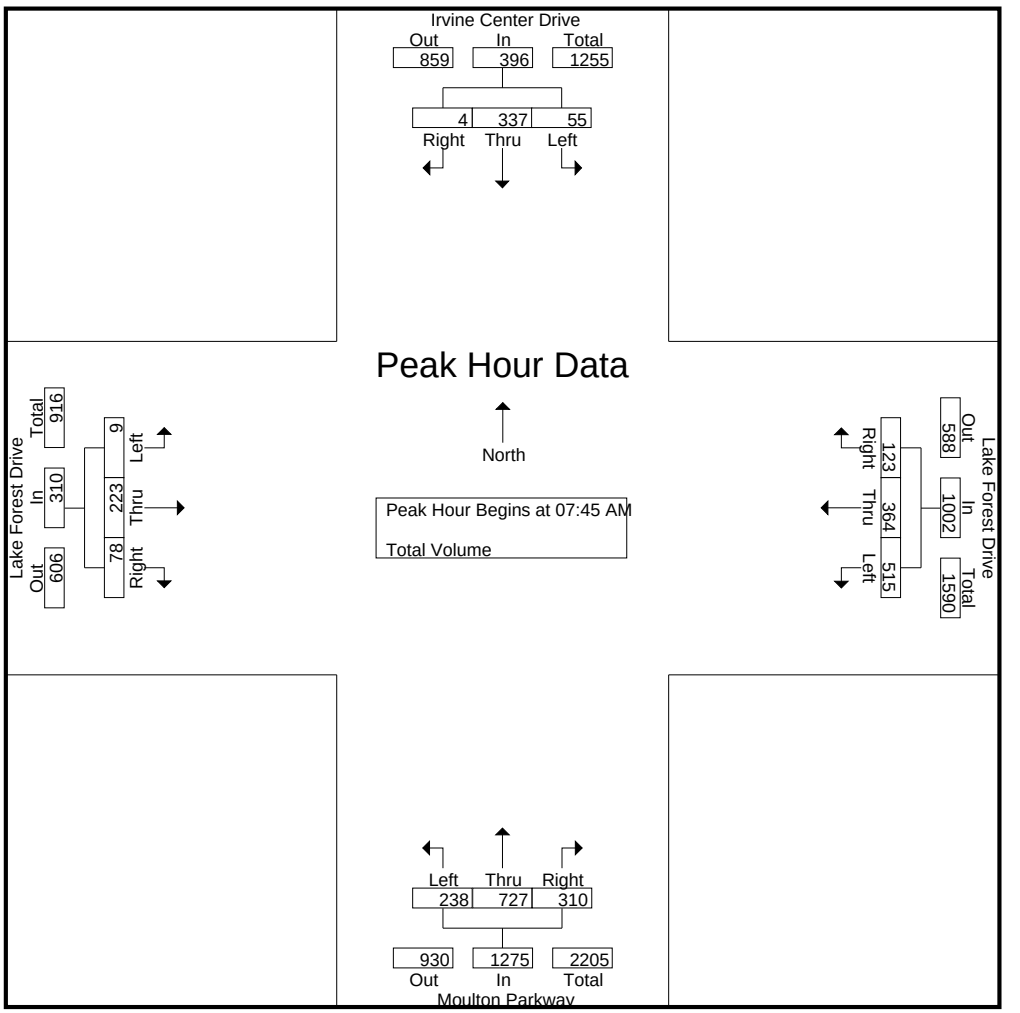

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:30 AM			
+0 mins.	**17**	82	**2**	**101**	117	79	26	222	58	182	**82**	322	1	51	17	69
+15 mins.	9	**87**	1	97	132	98	34	264	**77**	176	77	**330**	1	55	**26**	82
+30 mins.	15	81	1	97	**136**	**115**	32	**283**	46	**190**	70	306	**3**	**61**	17	81
+45 mins.	14	87	0	101	129	94	**39**	262	57	179	81	317	3	59	21	**83**
Total Volume	55	337	4	396	514	386	131	1031	238	727	310	1275	8	226	81	315
% App. Total	13.9	85.1	1		49.9	37.4	12.7		18.7	57	24.3		2.5	71.7	25.7	
PHF	.809	.968	.500	.980	.945	.839	.840	.911	.773	.957	.945	.966	.667	.926	.779	.949

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City of Irvine
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	25	155	2	182	170	90	20	280	59	122	66	247	2	64	36	102	811
04:15 PM	36	161	0	197	151	72	27	250	54	119	64	237	6	50	30	86	770
04:30 PM	31	175	2	208	142	64	32	238	49	131	81	261	1	87	47	135	842
04:45 PM	27	155	1	183	170	71	19	260	47	113	73	233	3	70	39	112	788
Total	119	646	5	770	633	297	98	1028	209	485	284	978	12	271	152	435	3211
05:00 PM	47	172	3	222	172	83	33	288	62	146	82	290	2	76	44	122	922
05:15 PM	34	193	2	229	179	90	16	285	68	109	77	254	1	76	36	113	881
05:30 PM	54	182	1	237	180	91	25	296	62	132	66	260	4	57	46	107	900
05:45 PM	34	160	4	198	160	60	20	240	27	79	52	158	0	61	26	87	683
Total	169	707	10	886	691	324	94	1109	219	466	277	962	7	270	152	429	3386
06:00 PM	23	138	4	165	152	55	26	233	44	88	55	187	1	47	24	72	657
06:15 PM	27	138	1	166	152	52	18	222	24	65	46	135	0	37	30	67	590
Grand Total	338	1629	20	1987	1628	728	236	2592	496	1104	662	2262	20	625	358	1003	7844
Apprch %	17	82	1		62.8	28.1	9.1		21.9	48.8	29.3		2	62.3	35.7		
Total %	4.3	20.8	0.3	25.3	20.8	9.3	3	33	6.3	14.1	8.4	28.8	0.3	8	4.6	12.8	

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	27	155	1	183	170	71	19	260	47	113	73	233	3	70	39	112	788
05:00 PM	47	172	**3**	222	172	83	**33**	288	62	**146**	**82**	**290**	2	**76**	44	**122**	**922**
05:15 PM	34	**193**	2	229	179	90	16	285	**68**	109	77	254	1	76	36	113	881
05:30 PM	**54**	182	1	**237**	**180**	**91**	25	**296**	62	132	66	260	**4**	57	**46**	107	900
Total Volume	162	702	7	871	701	335	93	1129	239	500	298	1037	10	279	165	454	3491
% App. Total	18.6	80.6	0.8		62.1	29.7	8.2		23	48.2	28.7		2.2	61.5	36.3		
PHF	.750	.909	.583	.919	.974	.920	.705	.954	.879	.856	.909	.894	.625	.918	.897	.930	.947

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File Name : 385_IRV_ICD_LF Tue PM
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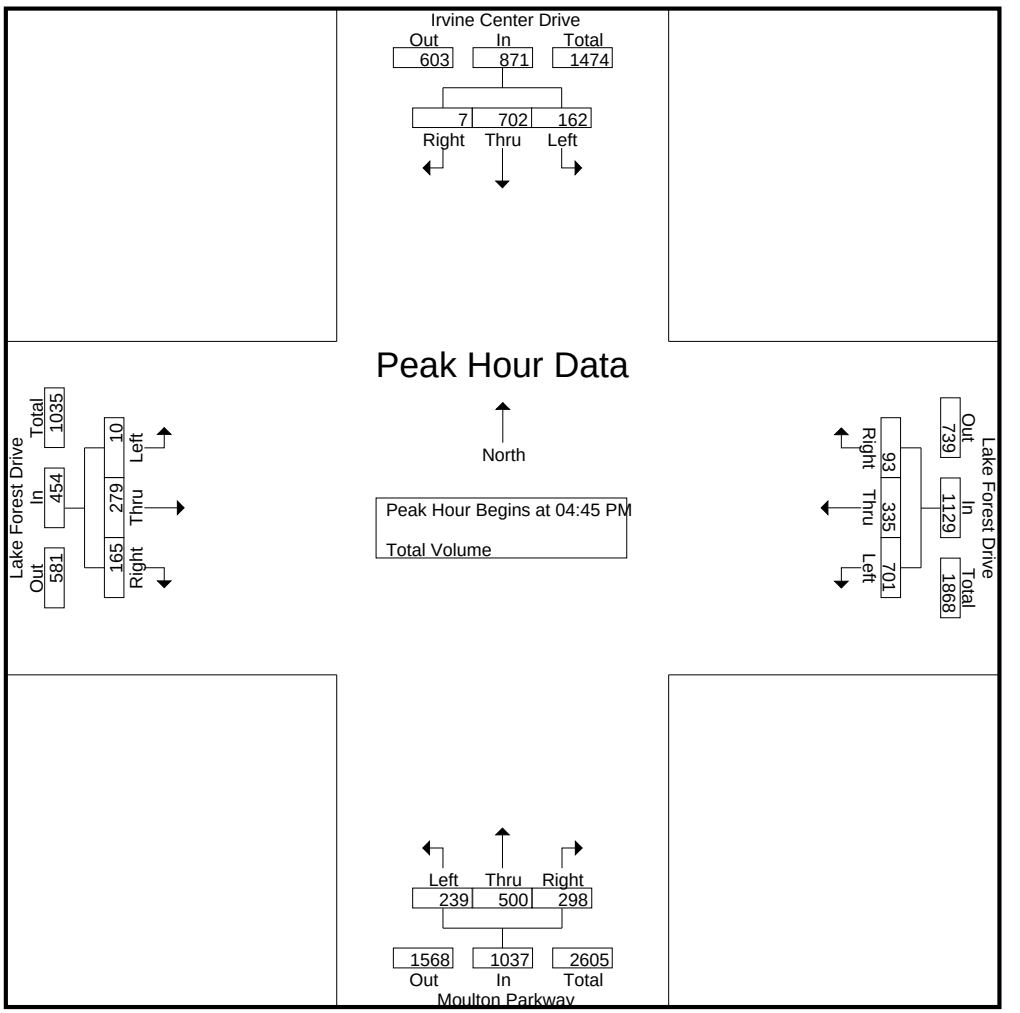

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				04:30 PM				04:30 PM			
+0 mins.	47	172	3	222	170	71	19	260	49	131	81	261	1	**87**	**47**	**135**
+15 mins.	34	**193**	2	229	172	83	**33**	288	47	113	73	233	**3**	70	39	112
+30 mins.	**54**	182	1	**237**	179	90	16	285	62	**146**	**82**	**290**	2	76	44	122
+45 mins.	34	160	**4**	198	**180**	**91**	25	**296**	**68**	109	77	254	1	76	36	113
Total Volume	169	707	10	886	701	335	93	1129	226	499	313	1038	7	309	166	482
% App. Total	19.1	79.8	1.1		62.1	29.7	8.2		21.8	48.1	30.2		1.5	64.1	34.4	
PHF	.782	.916	.625	.935	.974	.920	.705	.954	.831	.854	.954	.895	.583	.888	.883	.893

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City of Irvine
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Weather: Clear

File Name : 385_IRV_ICD_LF Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	43	0	49	49	66	12	127	17	68	30	115	0	30	13	43	334
07:15 AM	4	50	1	55	93	53	19	165	23	96	47	166	0	38	5	43	429
07:30 AM	9	72	1	82	93	79	22	194	32	116	63	211	2	44	20	66	553
07:45 AM	16	78	0	94	112	63	31	206	46	174	81	301	3	62	23	88	689
Total	35	243	2	280	347	261	84	692	118	454	221	793	5	174	61	240	2005
08:00 AM	7	95	2	104	128	88	35	251	60	152	76	288	1	64	24	89	732
08:15 AM	14	85	0	99	137	98	41	276	59	179	79	317	3	61	23	87	779
08:30 AM	12	62	2	76	142	95	26	263	59	164	88	311	3	49	19	71	721
08:45 AM	13	76	1	90	132	76	43	251	43	139	83	265	3	48	14	65	671
Total	46	318	5	369	539	357	145	1041	221	634	326	1181	10	222	80	312	2903
Grand Total	81	561	7	649	886	618	229	1733	339	1088	547	1974	15	396	141	552	4908
Apprch %	12.5	86.4	1.1		51.1	35.7	13.2		17.2	55.1	27.7		2.7	71.7	25.5		
Total %	1.7	11.4	0.1	13.2	18.1	12.6	4.7	35.3	6.9	22.2	11.1	40.2	0.3	8.1	2.9	11.2	

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**16**	78	0	94	112	63	31	206	46	174	81	301	**3**	62	23	88	689
08:00 AM	7	**95**	**2**	**104**	128	88	35	251	**60**	152	76	288	1	**64**	**24**	**89**	732
08:15 AM	14	85	0	99	137	**98**	**41**	**276**	59	**179**	79	**317**	3	61	23	87	**779**
08:30 AM	12	62	2	76	**142**	95	26	263	59	164	**88**	311	3	49	19	71	721
Total Volume	49	320	4	373	519	344	133	996	224	669	324	1217	10	236	89	335	2921
% App. Total	13.1	85.8	1.1		52.1	34.5	13.4		18.4	55	26.6		3	70.4	26.6		
PHF	.766	.842	.500	.897	.914	.878	.811	.902	.933	.934	.920	.960	.833	.922	.927	.941	.937

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File Name : 385_IRV_ICD_LF Thu AM
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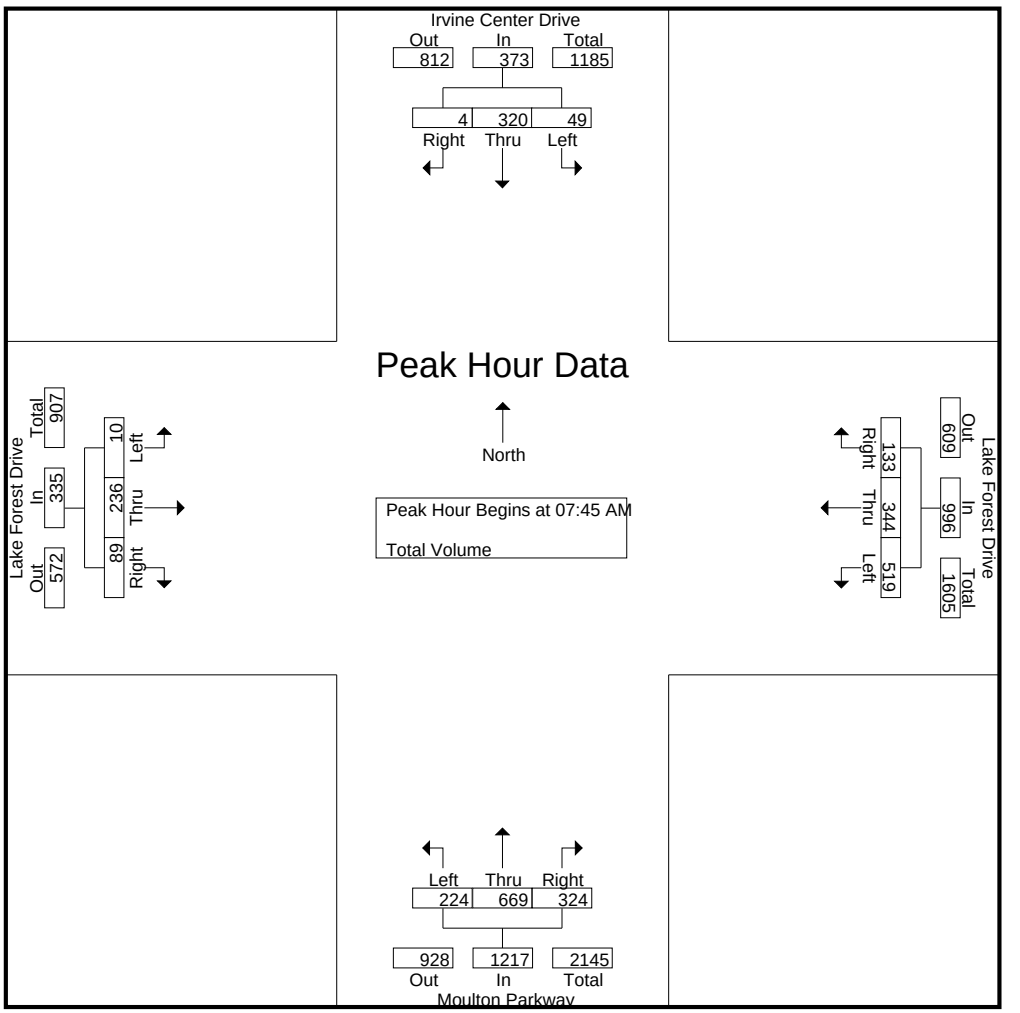

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	9	72	1	82	128	88	35	251	46	174	81	301	**3**	62	23	88
+15 mins.	**16**	78	0	94	137	**98**	41	**276**	**60**	152	76	288	1	**64**	**24**	**89**
+30 mins.	7	**95**	**2**	**104**	**142**	95	26	263	59	**179**	79	**317**	3	61	23	87
+45 mins.	14	85	0	99	132	76	**43**	251	59	164	**88**	311	3	49	19	71
Total Volume	46	330	3	379	539	357	145	1041	224	669	324	1217	10	236	89	335
% App. Total	12.1	87.1	0.8		51.8	34.3	13.9		18.4	55	26.6		3	70.4	26.6	
PHF	.719	.868	.375	.911	.949	.911	.843	.943	.933	.934	.920	.960	.833	.922	.927	.941

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File Name : 385_IRV_ICD_LF Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	41	141	0	182	141	74	23	238	81	145	83	309	6	62	29	97	826
04:15 PM	33	159	3	195	170	75	17	262	46	103	67	216	4	67	43	114	787
04:30 PM	32	166	2	200	162	79	34	275	52	128	70	250	1	71	49	121	846
04:45 PM	38	141	3	182	209	73	26	308	45	110	78	233	4	63	42	109	832
Total	144	607	8	759	682	301	100	1083	224	486	298	1008	15	263	163	441	3291
05:00 PM	35	156	6	197	172	78	32	282	70	153	84	307	2	77	37	116	902
05:15 PM	35	212	0	247	178	81	23	282	51	156	74	281	2	65	37	104	914
05:30 PM	33	147	4	184	162	80	21	263	43	103	70	216	1	70	38	109	772
05:45 PM	28	146	0	174	164	78	22	264	42	84	74	200	1	59	33	93	731
Total	131	661	10	802	676	317	98	1091	206	496	302	1004	6	271	145	422	3319
06:00 PM	19	126	1	146	136	68	14	218	29	86	55	170	1	56	27	84	618
06:15 PM	28	120	0	148	125	77	16	218	19	80	42	141	0	47	20	67	574
Grand Total	322	1514	19	1855	1619	763	228	2610	478	1148	697	2323	22	637	355	1014	7802
Apprch %	17.4	81.6	1		62	29.2	8.7		20.6	49.4	30		2.2	62.8	35		
Total %	4.1	19.4	0.2	23.8	20.8	9.8	2.9	33.5	6.1	14.7	8.9	29.8	0.3	8.2	4.6	13	

	Irvine Center Drive Southbound				Lake Forest Drive Westbound				Moulton Parkway Northbound				Lake Forest Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	32	166	2	200	162	79	**34**	275	52	128	70	250	1	71	**49**	**121**	846
04:45 PM	**38**	141	3	182	**209**	73	26	**308**	45	110	78	233	**4**	63	42	109	832
05:00 PM	35	156	**6**	197	172	78	32	282	**70**	153	**84**	**307**	2	**77**	37	116	902
05:15 PM	35	**212**	0	**247**	178	**81**	23	282	51	**156**	74	281	2	65	37	104	**914**
Total Volume	140	675	11	826	721	311	115	1147	218	547	306	1071	9	276	165	450	3494
% App. Total	16.9	81.7	1.3		62.9	27.1	10		20.4	51.1	28.6		2	61.3	36.7		
PHF	.921	.796	.458	.836	.862	.960	.846	.931	.779	.877	.911	.872	.563	.896	.842	.930	.956

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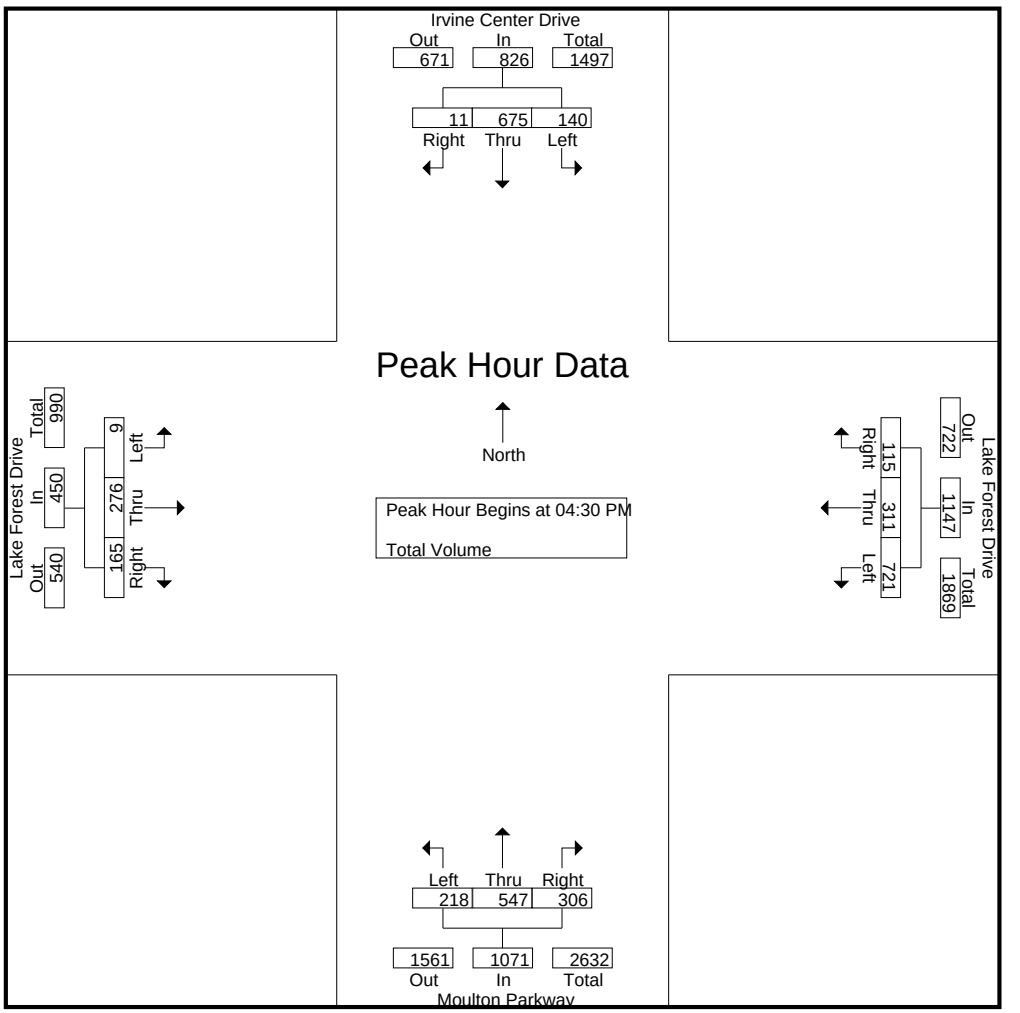

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:15 PM			
+0 mins.	32	166	2	200	162	79	**34**	275	52	128	70	250	**4**	67	43	114
+15 mins.	**38**	141	3	182	**209**	73	26	**308**	45	110	78	233	1	71	**49**	**121**
+30 mins.	35	156	**6**	197	172	78	32	282	**70**	153	**84**	**307**	4	63	42	109
+45 mins.	35	**212**	0	**247**	178	**81**	23	282	51	**156**	74	281	2	**77**	37	116
Total Volume	140	675	11	826	721	311	115	1147	218	547	306	1071	11	278	171	460
% App. Total	16.9	81.7	1.3		62.9	27.1	10		20.4	51.1	28.6		2.4	60.4	37.2	
PHF	.921	.796	.458	.836	.862	.960	.846	.931	.779	.877	.911	.872	.688	.903	.872	.950

Location: Irvine
N/S: Irvine Center Dr/Moulton Pkwy
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Lake Forest Drive	South Leg Moulton Parkway	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	1	1	0	2
7:30 AM	0	1	1	0	2
7:45 AM	0	0	1	0	1
8:00 AM	0	0	2	0	2
8:15 AM	0	1	0	0	1
8:30 AM	1	0	0	1	2
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	1	3	7	1	12

	North Leg Irvine Center Drive	East Leg Lake Forest Drive	South Leg Moulton Parkway	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	3	4
4:15 PM	5	1	0	0	6
4:30 PM	0	0	2	2	4
4:45 PM	0	1	1	1	3
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	1	0	2	0	3
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	2	0	1	1	4
TOTAL VOLUMES:	9	2	6	7	24

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Location: Irvine
N/S: Irvine Center Dr/Moulton Pkwy
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Lake Forest Drive			Northbound Moulton Parkway			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	3	0	0	0	0	0	3
8:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	4	0	1	0	0	0	7

	Southbound Irvine Center Drive			Westbound Lake Forest Drive			Northbound Moulton Parkway			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	2	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	3	0	2	0	0	0	0	0	0	0	0	5
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	4	0	2	1	0	0	2	0	1	0	0	10

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951-268-9028

Location: Irvine
N/S: Irvine Center Dr/Moulton Pkwy
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Lake Forest Drive	South Leg Moulton Parkway	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	1	0	1
7:30 AM	0	0	0	0	0
7:45 AM	1	0	1	0	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	1	1
8:30 AM	0	1	1	0	2
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	1	1	3	3	8

	North Leg Irvine Center Drive	East Leg Lake Forest Drive	South Leg Moulton Parkway	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	3	0	1	0	4
4:15 PM	0	0	0	0	0
4:30 PM	0	0	2	0	2
4:45 PM	0	0	0	0	0
5:00 PM	0	0	1	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	1	0	1
5:45 PM	0	0	1	0	1
6:00 PM	0	0	0	0	0
6:15 PM	1	1	1	0	3
TOTAL VOLUMES:	4	1	7	0	12

Location: Irvine
N/S: Irvine Center Dr/Moulton Pkwy
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Center Drive			Westbound Lake Forest Drive			Northbound Moulton Parkway			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	0	0	0	1	0	0	0	1	0	3

	Southbound Irvine Center Drive			Westbound Lake Forest Drive			Northbound Moulton Parkway			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	1	2	0	0	0	0	3

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 386_LKF_RiRte_Muir AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Muirlands Boulevard Westbound				Ridge Route Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	25	6	37	9	101	6	116	9	7	11	27	2	51	2	55	235
07:15 AM	11	25	12	48	13	135	15	163	7	32	14	53	7	62	2	71	335
07:30 AM	18	38	15	71	13	125	12	150	9	18	18	45	3	68	6	77	343
07:45 AM	26	40	15	81	23	169	16	208	24	37	25	86	7	108	3	118	493
Total	61	128	48	237	58	530	49	637	49	94	68	211	19	289	13	321	1406
08:00 AM	27	55	23	105	34	227	26	287	14	61	35	110	24	148	24	196	698
08:15 AM	31	74	38	143	28	187	19	234	20	35	17	72	7	121	12	140	589
08:30 AM	20	42	17	79	30	174	10	214	23	18	19	60	6	80	10	96	449
08:45 AM	26	28	9	63	13	105	10	128	18	12	18	48	8	83	6	97	336
Total	104	199	87	390	105	693	65	863	75	126	89	290	45	432	52	529	2072
Grand Total	165	327	135	627	163	1223	114	1500	124	220	157	501	64	721	65	850	3478
Apprch %	26.3	52.2	21.5		10.9	81.5	7.6		24.8	43.9	31.3		7.5	84.8	7.6		
Total %	4.7	9.4	3.9	18	4.7	35.2	3.3	43.1	3.6	6.3	4.5	14.4	1.8	20.7	1.9	24.4	

	Ridge Route Drive Southbound				Muirlands Boulevard Westbound				Ridge Route Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	26	40	15	81	23	169	16	208	**24**	37	25	86	7	108	3	118	493
08:00 AM	27	55	23	105	**34**	**227**	**26**	**287**	14	**61**	**35**	**110**	**24**	**148**	**24**	**196**	**698**
08:15 AM	**31**	**74**	**38**	**143**	28	187	19	234	20	35	17	72	7	121	12	140	589
08:30 AM	20	42	17	79	30	174	10	214	23	18	19	60	6	80	10	96	449
Total Volume	104	211	93	408	115	757	71	943	81	151	96	328	44	457	49	550	2229
% App. Total	25.5	51.7	22.8		12.2	80.3	7.5		24.7	46	29.3		8	83.1	8.9		
PHF	.839	.713	.612	.713	.846	.834	.683	.821	.844	.619	.686	.745	.458	.772	.510	.702	.798

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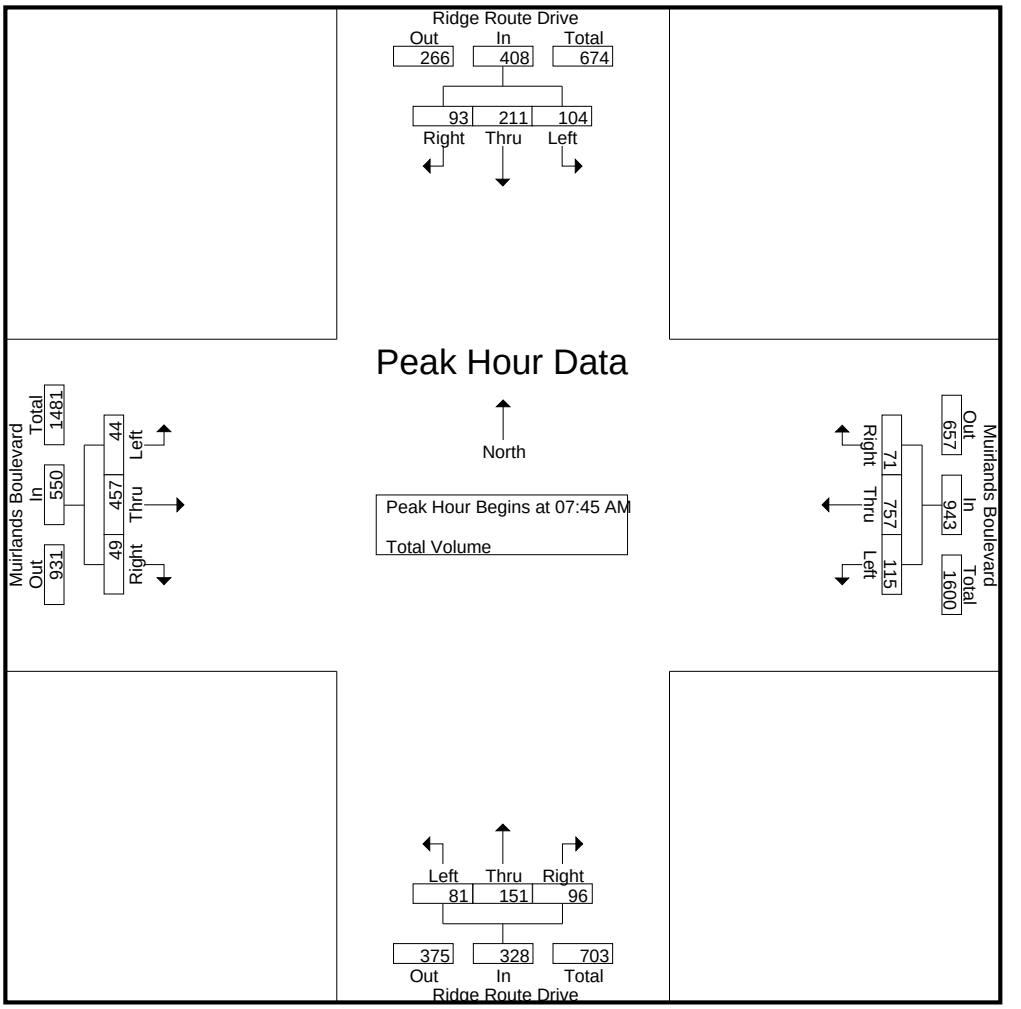
City of Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 386_LKF_RiRte_Muir AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	26	40	15	81	23	169	16	208	**24**	37	25	86	7	108	3	118
+15 mins.	27	55	23	105	**34**	**227**	**26**	**287**	14	**61**	**35**	**110**	**24**	**148**	**24**	**196**
+30 mins.	**31**	**74**	**38**	**143**	28	187	19	234	20	35	17	72	7	121	12	140
+45 mins.	20	42	17	79	30	174	10	214	23	18	19	60	6	80	10	96
Total Volume	104	211	93	408	115	757	71	943	81	151	96	328	44	457	49	550
% App. Total	25.5	51.7	22.8		12.2	80.3	7.5		24.7	46	29.3		8	83.1	8.9	
PHF	.839	.713	.612	.713	.846	.834	.683	.821	.844	.619	.686	.745	.458	.772	.510	.702

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 386_LKF_RiRte_Muir PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Muirlands Boulevard Westbound				Ridge Route Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	34	20	18	72	15	125	21	161	24	33	44	101	10	192	13	215	549
04:15 PM	28	38	21	87	19	98	12	129	24	43	31	98	8	187	11	206	520
04:30 PM	29	28	11	68	17	98	11	126	32	40	45	117	8	224	11	243	554
04:45 PM	25	39	20	84	19	119	21	159	27	44	31	102	14	218	14	246	591
Total	116	125	70	311	70	440	65	575	107	160	151	418	40	821	49	910	2214
05:00 PM	23	31	15	69	13	125	18	156	18	39	35	92	8	272	8	288	605
05:15 PM	30	22	14	66	27	95	20	142	28	43	34	105	6	299	7	312	625
05:30 PM	29	28	11	68	13	118	22	153	20	30	37	87	4	232	19	255	563
05:45 PM	25	16	8	49	22	92	11	125	24	33	26	83	11	259	11	281	538
Total	107	97	48	252	75	430	71	576	90	145	132	367	29	1062	45	1136	2331
Grand Total	223	222	118	563	145	870	136	1151	197	305	283	785	69	1883	94	2046	4545
Apprch %	39.6	39.4	21		12.6	75.6	11.8		25.1	38.9	36.1		3.4	92	4.6		
Total %	4.9	4.9	2.6	12.4	3.2	19.1	3	25.3	4.3	6.7	6.2	17.3	1.5	41.4	2.1	45	

	Ridge Route Drive Southbound				Muirlands Boulevard Westbound				Ridge Route Drive Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	25	**39**	**20**	**84**	19	119	21	**159**	27	**44**	31	102	**14**	218	14	246	591
05:00 PM	23	31	15	69	13	**125**	18	156	18	39	35	92	8	272	8	288	605
05:15 PM	**30**	22	14	66	**27**	95	20	142	**28**	43	34	**105**	6	**299**	7	**312**	**625**
05:30 PM	29	28	11	68	13	118	**22**	153	20	30	**37**	87	4	232	**19**	255	563
Total Volume	107	120	60	287	72	457	81	610	93	156	137	386	32	1021	48	1101	2384
% App. Total	37.3	41.8	20.9		11.8	74.9	13.3		24.1	40.4	35.5		2.9	92.7	4.4		
PHF	.892	.769	.750	.854	.667	.914	.920	.959	.830	.886	.926	.919	.571	.854	.632	.882	.954

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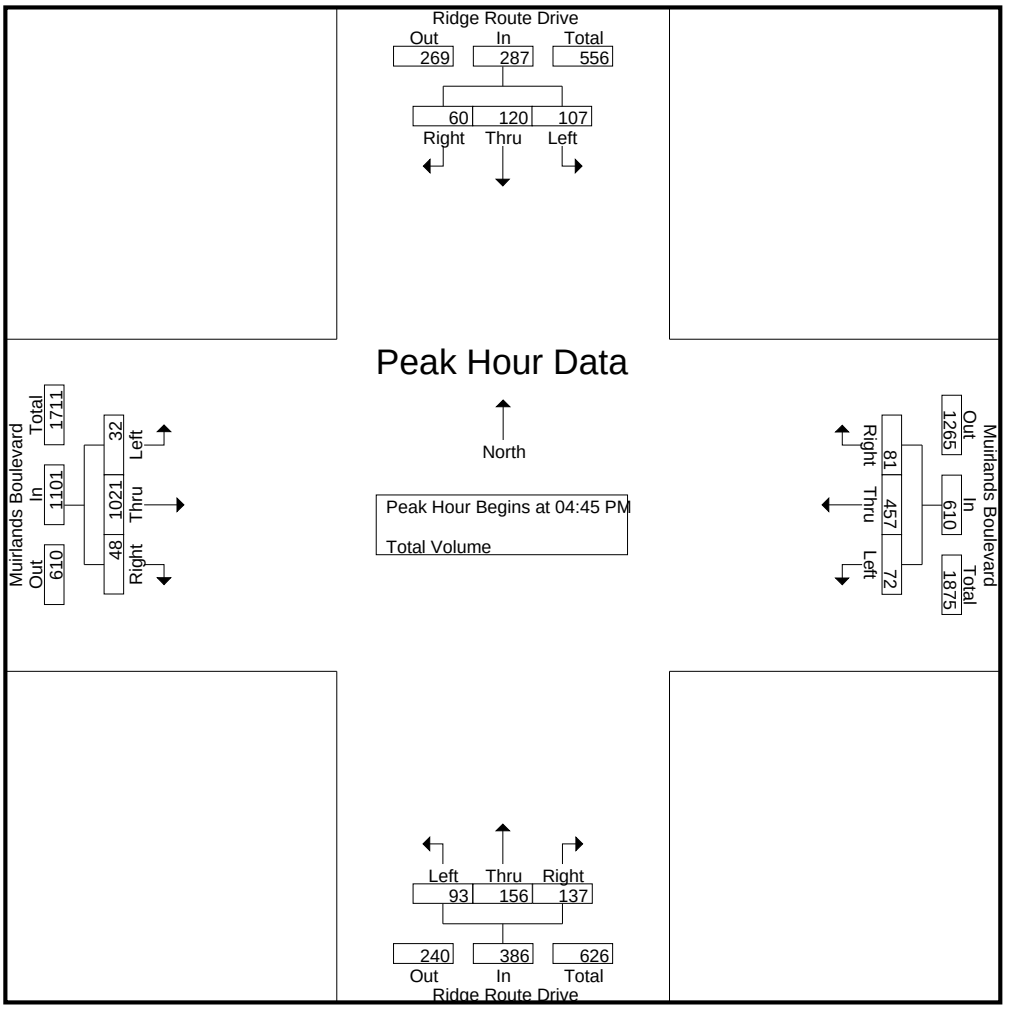
City of Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard
Weather: Clear

File Name : 386_LKF_RiRte_Muir PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	**34**	20	18	72	19	119	21	**159**	24	33	44	101	8	272	8	288
+15 mins.	28	38	**21**	**87**	13	**125**	18	156	24	43	31	98	6	**299**	7	**312**
+30 mins.	29	28	11	68	**27**	95	20	142	**32**	40	**45**	**117**	4	232	**19**	255
+45 mins.	25	**39**	20	84	13	118	**22**	153	27	**44**	31	102	**11**	259	11	281
Total Volume	116	125	70	311	72	457	81	610	107	160	151	418	29	1062	45	1136
% App. Total	37.3	40.2	22.5		11.8	74.9	13.3		25.6	38.3	36.1		2.6	93.5	4	
PHF	.853	.801	.833	.894	.667	.914	.920	.959	.836	.909	.839	.893	.659	.888	.592	.910

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard

ITAM: 386
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Muirlands Boulevard	South Leg Ridge Route Drive	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	1	3	6
7:15 AM	1	2	2	0	5
7:30 AM	0	0	1	4	5
7:45 AM	4	5	0	4	13
8:00 AM	0	1	0	0	1
8:15 AM	0	3	4	0	7
8:30 AM	0	2	1	0	3
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	6	14	9	12	41

	North Leg Ridge Route Drive	East Leg Muirlands Boulevard	South Leg Ridge Route Drive	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	4	2	7
4:15 PM	0	2	8	6	16
4:30 PM	2	1	4	2	9
4:45 PM	0	0	1	1	2
5:00 PM	3	1	1	3	8
5:15 PM	3	3	2	1	9
5:30 PM	1	2	3	0	6
5:45 PM	0	3	4	1	8
TOTAL VOLUMES:	10	12	27	16	65

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Location: Lake Forest
N/S: Ridge Route Drive
E/W: Muirlands Boulevard

ITAM: 386
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Muirlands Boulevard			Northbound Ridge Route Drive			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	2	0	0	0	0	0	2	0	4
7:15 AM	0	1	0	0	0	0	0	0	0	0	1	0	2
7:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	2
7:45 AM	0	0	0	0	1	0	1	0	0	0	1	0	3
8:00 AM	0	0	0	0	2	0	0	1	0	0	1	0	4
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	1	0	0	7	1	1	3	0	0	5	1	19

	Southbound Ridge Route Drive			Westbound Muirlands Boulevard			Northbound Ridge Route Drive			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	0	1	0	0	1	0	0	0	0	4
4:15 PM	0	1	0	0	2	0	0	1	0	0	1	0	5
4:30 PM	0	2	0	0	0	0	1	0	0	0	0	0	3
4:45 PM	0	1	0	0	1	0	0	1	0	0	1	0	4
5:00 PM	0	2	0	0	1	0	0	0	0	0	3	0	6
5:15 PM	0	3	0	0	0	0	0	0	0	0	2	0	5
5:30 PM	0	1	0	0	2	0	0	0	0	0	1	0	4
5:45 PM	0	1	0	0	0	0	0	1	0	0	2	0	4
TOTAL VOLUMES:	0	13	0	0	7	0	1	4	0	0	10	0	35

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 387_LKF_RiRte_Rock AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Rockfield Boulevard Westbound				Ridge Route Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	2	36	42	3	61	4	68	13	2	4	19	15	58	3	76	205
07:15 AM	17	6	28	51	2	78	9	89	15	11	6	32	16	60	1	77	249
07:30 AM	15	3	36	54	6	82	6	94	23	12	10	45	16	46	5	67	260
07:45 AM	16	2	41	59	1	93	8	102	23	14	9	46	26	78	3	107	314
Total	52	13	141	206	12	314	27	353	74	39	29	142	73	242	12	327	1028
08:00 AM	29	7	52	88	3	89	14	106	16	13	14	43	23	75	5	103	340
08:15 AM	32	12	55	99	5	110	13	128	14	8	7	29	13	93	2	108	364
08:30 AM	25	11	55	91	4	94	15	113	8	4	3	15	29	85	5	119	338
08:45 AM	14	5	38	57	3	77	9	89	10	3	4	17	26	80	7	113	276
Total	100	35	200	335	15	370	51	436	48	28	28	104	91	333	19	443	1318
Grand Total	152	48	341	541	27	684	78	789	122	67	57	246	164	575	31	770	2346
Apprch %	28.1	8.9	63		3.4	86.7	9.9		49.6	27.2	23.2		21.3	74.7	4		
Total %	6.5	2	14.5	23.1	1.2	29.2	3.3	33.6	5.2	2.9	2.4	10.5	7	24.5	1.3	32.8	

	Ridge Route Drive Southbound				Rockfield Boulevard Westbound				Ridge Route Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	16	2	41	59	1	93	8	102	**23**	**14**	9	**46**	26	78	3	107	314
08:00 AM	29	7	52	88	3	89	14	106	16	13	**14**	43	23	75	**5**	103	340
08:15 AM	**32**	**12**	**55**	**99**	**5**	**110**	13	**128**	14	8	7	29	13	**93**	2	108	**364**
08:30 AM	25	11	55	91	4	94	**15**	113	8	4	3	15	**29**	85	5	**119**	338
Total Volume	102	32	203	337	13	386	50	449	61	39	33	133	91	331	15	437	1356
% App. Total	30.3	9.5	60.2		2.9	86	11.1		45.9	29.3	24.8		20.8	75.7	3.4		
PHF	.797	.667	.923	.851	.650	.877	.833	.877	.663	.696	.589	.723	.784	.890	.750	.918	.931

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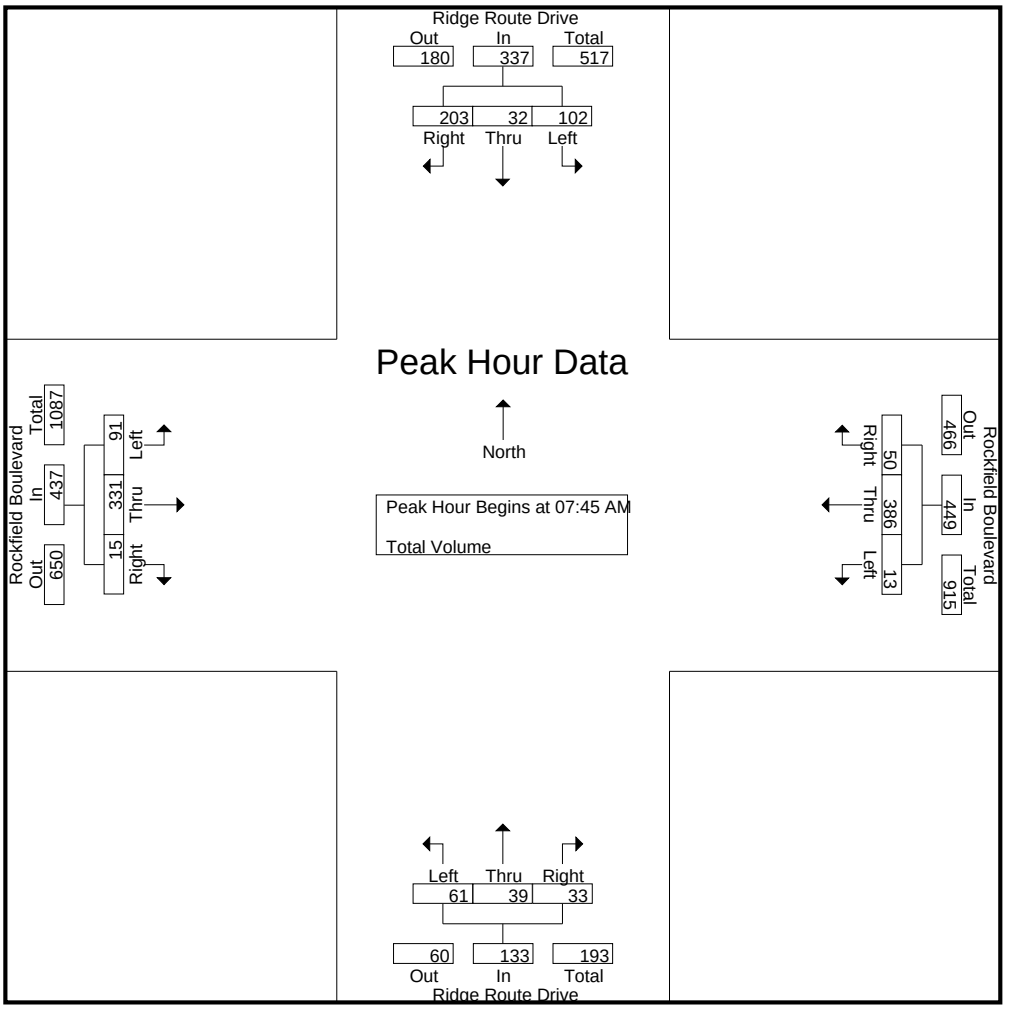
City of Lake Forest
N/S: Ridge Route Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 387_LKF_RiRte_Rock AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:15 AM				08:00 AM			
+0 mins.	16	2	41	59	1	93	8	102	15	11	6	32	23	75	5	103
+15 mins.	29	7	52	88	3	89	14	106	**23**	12	10	45	13	**93**	2	108
+30 mins.	**32**	**12**	**55**	**99**	**5**	**110**	13	**128**	23	**14**	9	**46**	**29**	85	5	**119**
+45 mins.	25	11	55	91	4	94	**15**	113	16	13	**14**	43	26	80	**7**	113
Total Volume	102	32	203	337	13	386	50	449	77	50	39	166	91	333	19	443
% App. Total	30.3	9.5	60.2		2.9	86	11.1		46.4	30.1	23.5		20.5	75.2	4.3	
PHF	.797	.667	.923	.851	.650	.877	.833	.877	.837	.893	.696	.902	.784	.895	.679	.931

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Rockfield Boulevard
Weather: Clear

File Name : 387_LKF_RiRte_Rock PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Rockfield Boulevard Westbound				Ridge Route Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	21	5	25	51	2	73	18	93	9	10	2	21	38	187	10	235	400
04:15 PM	24	6	22	52	8	86	24	118	9	2	6	17	46	176	14	236	423
04:30 PM	25	9	28	62	3	76	20	99	10	1	10	21	60	194	12	266	448
04:45 PM	18	5	31	54	6	101	16	123	11	10	2	23	51	189	14	254	454
Total	88	25	106	219	19	336	78	433	39	23	20	82	195	746	50	991	1725
05:00 PM	26	8	20	54	3	91	22	116	11	4	2	17	54	196	14	264	451
05:15 PM	21	6	29	56	10	90	21	121	11	7	8	26	57	196	14	267	470
05:30 PM	23	5	23	51	4	78	15	97	7	7	5	19	53	229	19	301	468
05:45 PM	19	5	19	43	4	80	26	110	8	12	6	26	47	171	17	235	414
Total	89	24	91	204	21	339	84	444	37	30	21	88	211	792	64	1067	1803
Grand Total	177	49	197	423	40	675	162	877	76	53	41	170	406	1538	114	2058	3528
Apprch %	41.8	11.6	46.6		4.6	77	18.5		44.7	31.2	24.1		19.7	74.7	5.5		
Total %	5	1.4	5.6	12	1.1	19.1	4.6	24.9	2.2	1.5	1.2	4.8	11.5	43.6	3.2	58.3	

	Ridge Route Drive Southbound				Rockfield Boulevard Westbound				Ridge Route Drive Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	18	5	**31**	54	6	**101**	16	**123**	**11**	**10**	2	23	51	189	14	254	454
05:00 PM	**26**	**8**	20	54	3	91	**22**	116	11	4	2	17	54	196	14	264	451
05:15 PM	21	6	29	**56**	**10**	90	21	121	11	7	**8**	**26**	**57**	196	14	267	**470**
05:30 PM	23	5	23	51	4	78	15	97	7	7	5	19	53	**229**	**19**	**301**	468
Total Volume	88	24	103	215	23	360	74	457	40	28	17	85	215	810	61	1086	1843
% App. Total	40.9	11.2	47.9		5	78.8	16.2		47.1	32.9	20		19.8	74.6	5.6		
PHF	.846	.750	.831	.960	.575	.891	.841	.929	.909	.700	.531	.817	.943	.884	.803	.902	.980

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City of Lake Forest
N/S: Ridge Route Drive
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Weather: Clear

File Name : 387_LKF_RiRte_Rock PM
Site Code : 05124139
Start Date : 2/15/2024
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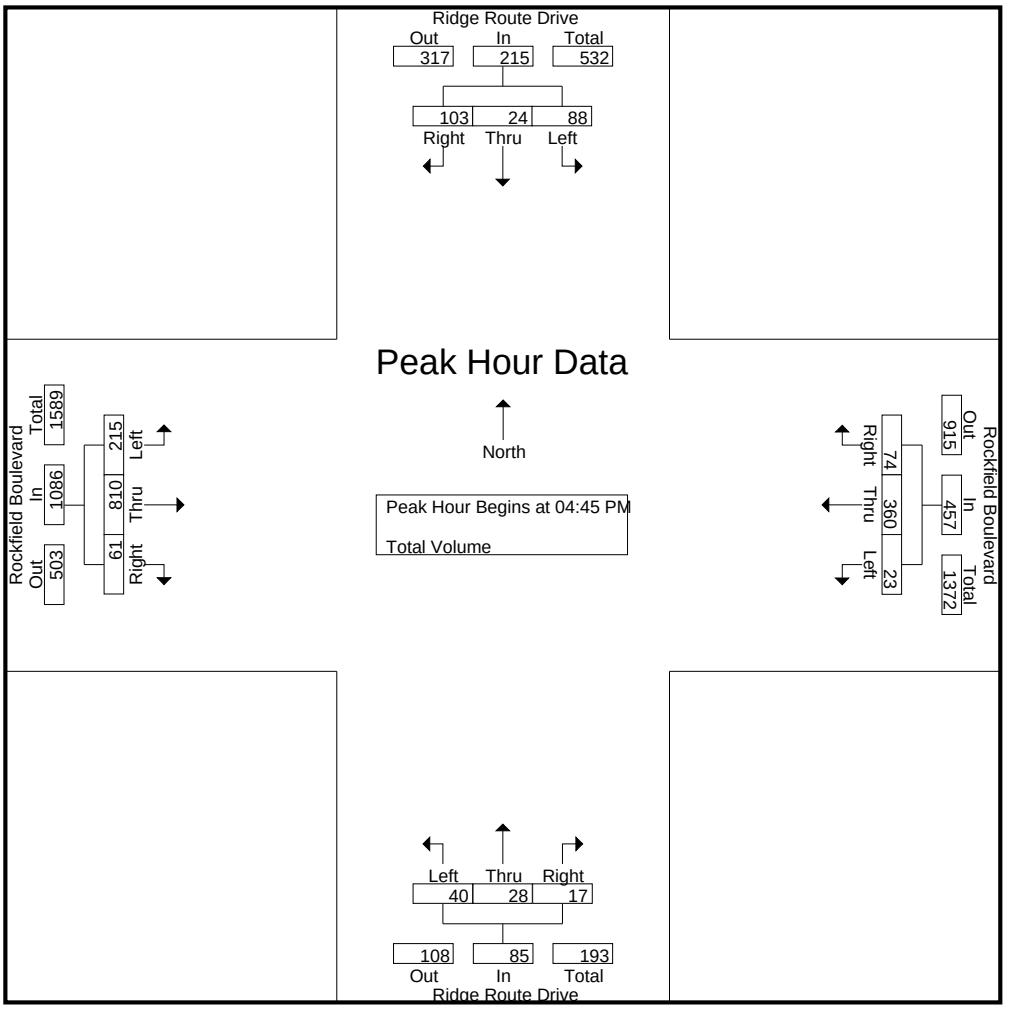

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				05:00 PM				04:45 PM			
+0 mins.	25	**9**	28	**62**	3	76	20	99	**11**	4	2	17	51	189	14	254
+15 mins.	18	5	**31**	54	6	**101**	16	**123**	11	7	**8**	**26**	54	196	14	264
+30 mins.	**26**	8	20	54	3	91	**22**	116	7	7	5	19	**57**	196	14	267
+45 mins.	21	6	29	56	**10**	90	21	121	8	**12**	6	26	53	**229**	**19**	**301**
Total Volume	90	28	108	226	22	358	79	459	37	30	21	88	215	810	61	1086
% App. Total	39.8	12.4	47.8		4.8	78	17.2		42	34.1	23.9		19.8	74.6	5.6	
PHF	.865	.778	.871	.911	.550	.886	.898	.933	.841	.625	.656	.846	.943	.884	.803	.902

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Rockfield Boulevard

ITAM: 387
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Rockfield Boulevard	South Leg Ridge Route Drive	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	2	3
7:30 AM	3	0	1	4	8
7:45 AM	1	0	1	0	2
8:00 AM	0	0	0	1	1
8:15 AM	0	1	0	0	1
8:30 AM	0	0	1	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	4	1	4	7	16

	North Leg Ridge Route Drive	East Leg Rockfield Boulevard	South Leg Ridge Route Drive	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	1	2
4:15 PM	1	0	0	1	2
4:30 PM	0	0	1	0	1
4:45 PM	2	0	1	7	10
5:00 PM	0	0	2	3	5
5:15 PM	0	0	0	0	0
5:30 PM	1	0	4	3	8
5:45 PM	0	0	1	0	1
TOTAL VOLUMES:	4	0	10	15	29

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Rockfield Boulevard

ITAM: 387
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Rockfield Boulevard			Northbound Ridge Route Drive			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:30 AM	0	0	1	0	0	0	0	1	1	1	0	0	4
7:45 AM	0	0	2	0	1	0	0	3	0	0	0	0	6
8:00 AM	1	0	0	0	2	0	0	0	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	2	0	3	0	5	1	0	4	1	1	2	0	19

	Southbound Ridge Route Drive			Westbound Rockfield Boulevard			Northbound Ridge Route Drive			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	1	0	0	1	0	0	1	0	1	0	0	4
4:30 PM	0	2	0	0	0	0	0	2	0	0	1	0	5
4:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	2
5:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	6	0	1	2	0	0	3	0	1	5	0	18

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Avenida De La Carlota
Weather: Clear

File Name : 388_LHS_RiRte_AvdCar AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Avenida De La Carlota Westbound			Ridge Route Drive Northbound			Avenida De La Carlota Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	26	25	51	5	31	36	20	13	33	120
07:15 AM	40	35	75	4	45	49	21	10	31	155
07:30 AM	31	40	71	7	34	41	29	10	39	151
07:45 AM	72	45	117	9	42	51	38	13	51	219
Total	169	145	314	25	152	177	108	46	154	645
08:00 AM	44	42	86	10	51	61	49	8	57	204
08:15 AM	35	56	91	14	54	68	45	10	55	214
08:30 AM	55	55	110	9	47	56	43	15	58	224
08:45 AM	43	54	97	10	43	53	59	15	74	224
Total	177	207	384	43	195	238	196	48	244	866
Grand Total	346	352	698	68	347	415	304	94	398	1511
Apprch %	49.6	50.4		16.4	83.6		76.4	23.6		
Total %	22.9	23.3	46.2	4.5	23	27.5	20.1	6.2	26.3	

	Avenida De La Carlota Westbound			Ridge Route Drive Northbound			Avenida De La Carlota Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	44	42	86	10	51	61	49	8	57	204
08:15 AM	35	**56**	91	**14**	**54**	**68**	45	10	55	214
08:30 AM	**55**	55	**110**	9	47	56	43	**15**	58	**224**
08:45 AM	43	54	97	10	43	53	**59**	15	**74**	224
Total Volume	177	207	384	43	195	238	196	48	244	866
% App. Total	46.1	53.9		18.1	81.9		80.3	19.7		
PHF	.805	.924	.873	.768	.903	.875	.831	.800	.824	.967

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Avenida De La Carlota
Weather: Clear

File Name : 388_LHS_RiRte_AvdCar AM
Site Code : 05124139
Start Date : 2/15/2024
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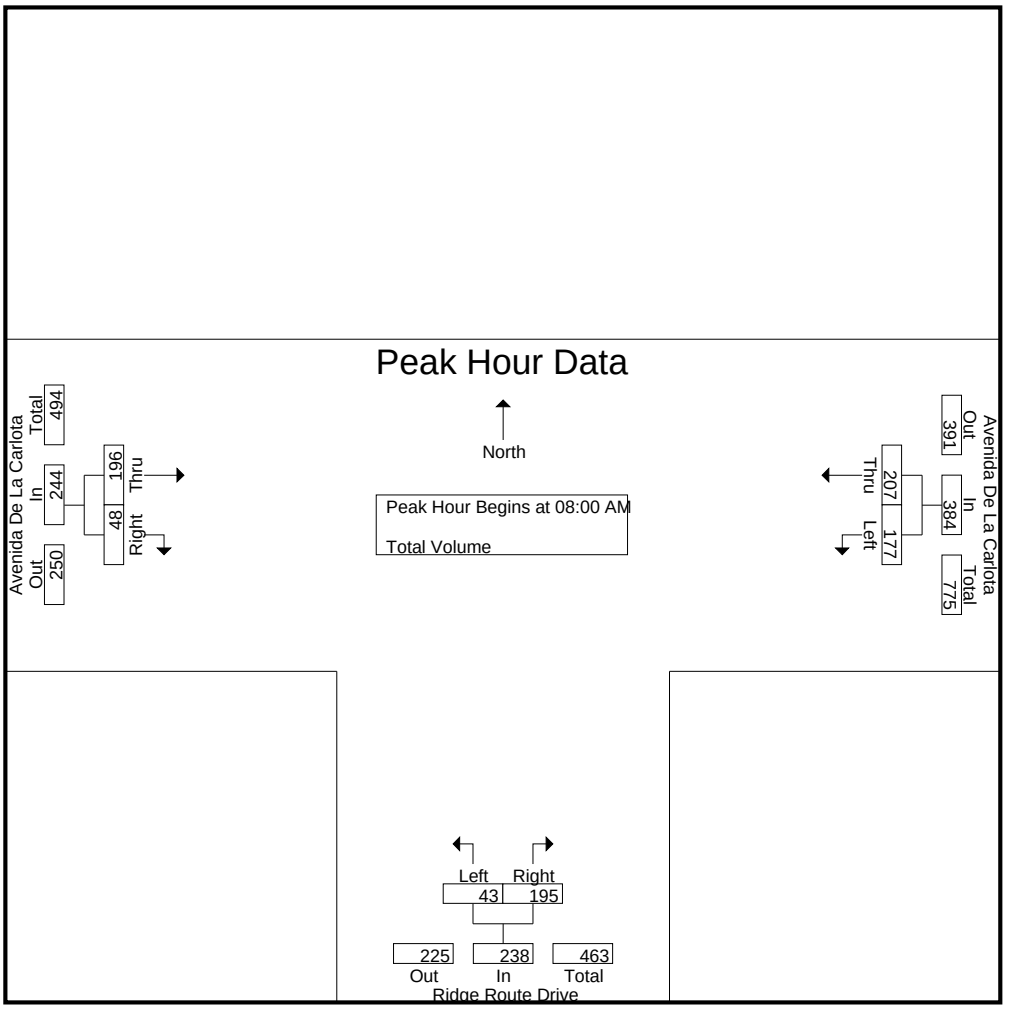

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			08:00 AM		
+0 mins.	**72**	45	**117**	10	51	61	49	8	57
+15 mins.	44	42	86	**14**	**54**	**68**	45	10	55
+30 mins.	35	**56**	91	9	47	56	43	**15**	58
+45 mins.	55	55	110	10	43	53	**59**	15	**74**
Total Volume	206	198	404	43	195	238	196	48	244
% App. Total	51	49		18.1	81.9		80.3	19.7	
PHF	.715	.884	.863	.768	.903	.875	.831	.800	.824

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Avenida De La Carlota
Weather: Clear

File Name : 388_LHS_RiRte_AvdCar PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Avenida De La Carlota Westbound			Ridge Route Drive Northbound			Avenida De La Carlota Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	62	49	111	17	83	100	92	31	123	334
04:15 PM	59	58	117	17	68	85	121	34	155	357
04:30 PM	40	55	95	14	59	73	123	31	154	322
04:45 PM	49	57	106	17	60	77	125	28	153	336
Total	210	219	429	65	270	335	461	124	585	1349
05:00 PM	29	41	70	19	88	107	193	24	217	394
05:15 PM	48	61	109	9	72	81	187	25	212	402
05:30 PM	36	56	92	15	72	87	165	24	189	368
05:45 PM	40	47	87	12	36	48	145	40	185	320
Total	153	205	358	55	268	323	690	113	803	1484
Grand Total	363	424	787	120	538	658	1151	237	1388	2833
Apprch %	46.1	53.9		18.2	81.8		82.9	17.1		
Total %	12.8	15	27.8	4.2	19	23.2	40.6	8.4	49	

	Avenida De La Carlota Westbound			Ridge Route Drive Northbound			Avenida De La Carlota Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	**49**	57	106	17	60	77	125	**28**	153	336
05:00 PM	29	41	70	**19**	**88**	**107**	**193**	24	**217**	394
05:15 PM	48	**61**	**109**	9	72	81	187	25	212	**402**
05:30 PM	36	56	92	15	72	87	165	24	189	368
Total Volume	162	215	377	60	292	352	670	101	771	1500
% App. Total	43	57		17	83		86.9	13.1		
PHF	.827	.881	.865	.789	.830	.822	.868	.902	.888	.933

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City of Lake Forest
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E/W: Avenida De La Carlota
Weather: Clear

File Name : 388_LHS_RiRte_AvdCar PM
Site Code : 05124139
Start Date : 2/15/2024
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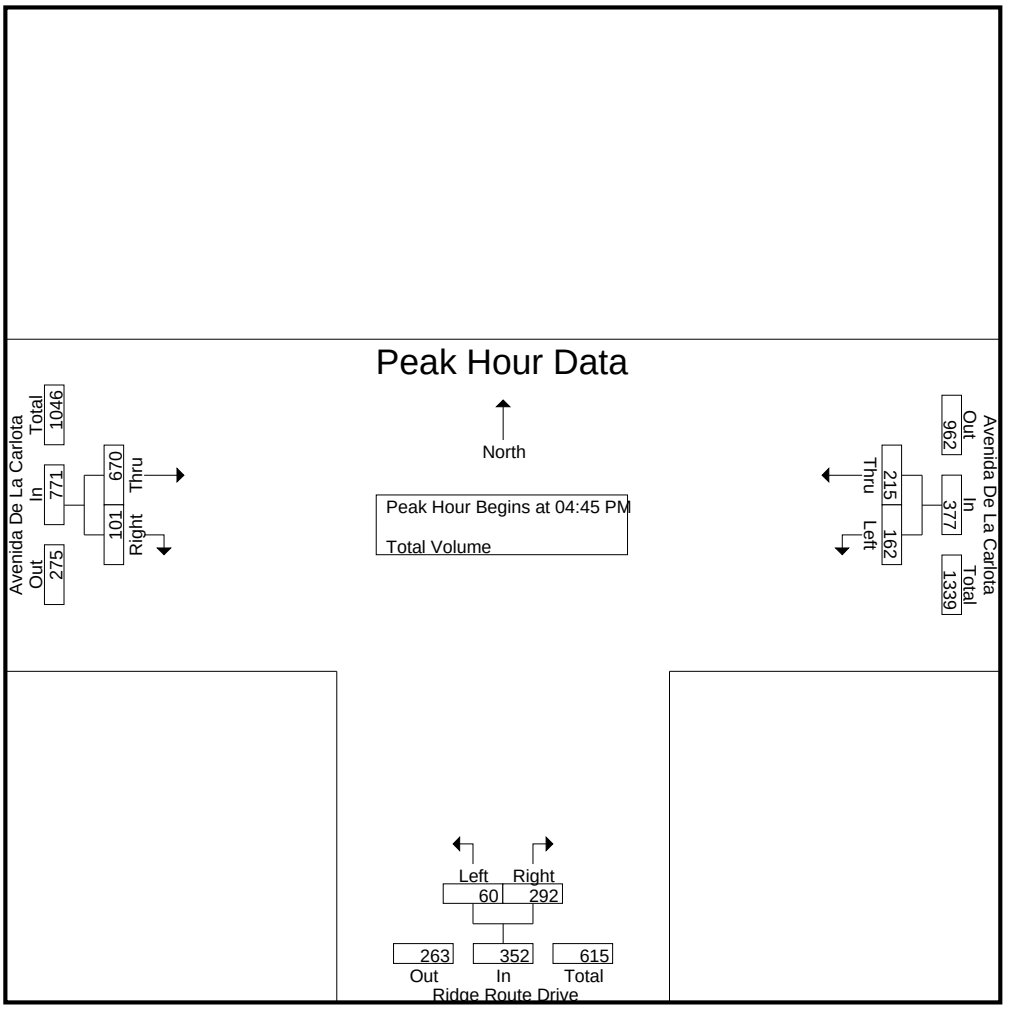

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:45 PM			05:00 PM		
+0 mins.	**62**	49	111	17	60	77	**193**	24	**217**
+15 mins.	59	**58**	**117**	**19**	**88**	**107**	187	25	212
+30 mins.	40	55	95	9	72	81	165	24	189
+45 mins.	49	57	106	15	72	87	145	**40**	185
Total Volume	210	219	429	60	292	352	690	113	803
% App. Total	49	51		17	83		85.9	14.1	
PHF	.847	.944	.917	.789	.830	.822	.894	.706	.925

Location: Laguna Hills
N/S: Ridge Route Drive
E/W: Avd De La Carlota

ITAM: 388
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Avd De La Carlota	South Leg Ridge Route Drive	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	0	1
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	0	4	0	4

	North Leg Ridge Route Drive	East Leg Avd De La Carlota	South Leg Ridge Route Drive	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	1	0	1
4:45 PM	0	0	0	1	1
5:00 PM	0	0	2	0	2
5:15 PM	0	0	1	0	1
5:30 PM	0	0	1	0	1
5:45 PM	0	0	2	0	2
TOTAL VOLUMES:	0	0	7	2	9

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Location: Laguna Hills
N/S: Ridge Route Drive
E/W: Avd De La Carlota

ITAM: 388
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Avd De La Carlota			Northbound Ridge Route Drive			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	1	0	1

	Southbound Ridge Route Drive			Westbound Avd De La Carlota			Northbound Ridge Route Drive			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Moulton Parkway
Weather: Clear

File Name : 389_LHS_RiRte_Moul AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Moulton Parkway Westbound				Ridge Route Drive Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	11	6	26	18	144	11	173	10	18	16	44	4	85	15	104	347
07:15 AM	12	22	8	42	18	184	14	216	10	24	32	66	8	97	31	136	460
07:30 AM	17	11	8	36	22	217	19	258	14	19	28	61	11	142	28	181	536
07:45 AM	18	20	13	51	30	255	17	302	13	26	23	62	6	173	37	216	631
Total	56	64	35	155	88	800	61	949	47	87	99	233	29	497	111	637	1974
08:00 AM	13	22	14	49	44	332	36	412	14	24	18	56	15	198	38	251	768
08:15 AM	17	19	2	38	57	271	28	356	19	34	27	80	16	162	36	214	688
08:30 AM	21	16	5	42	40	299	31	370	20	33	14	67	13	161	32	206	685
08:45 AM	18	26	12	56	42	288	45	375	15	19	26	60	12	139	33	184	675
Total	69	83	33	185	183	1190	140	1513	68	110	85	263	56	660	139	855	2816
Grand Total	125	147	68	340	271	1990	201	2462	115	197	184	496	85	1157	250	1492	4790
Apprch %	36.8	43.2	20		11	80.8	8.2		23.2	39.7	37.1		5.7	77.5	16.8		
Total %	2.6	3.1	1.4	7.1	5.7	41.5	4.2	51.4	2.4	4.1	3.8	10.4	1.8	24.2	5.2	31.1	

	Ridge Route Drive Southbound				Moulton Parkway Westbound				Ridge Route Drive Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	13	22	**14**	49	44	**332**	36	**412**	14	24	18	56	15	**198**	**38**	**251**	**768**
08:15 AM	17	19	2	38	**57**	271	28	356	19	**34**	**27**	**80**	**16**	162	36	214	688
08:30 AM	**21**	16	5	42	40	299	31	370	**20**	33	14	67	13	161	32	206	685
08:45 AM	18	**26**	12	**56**	42	288	**45**	375	15	19	26	60	12	139	33	184	675
Total Volume	69	83	33	185	183	1190	140	1513	68	110	85	263	56	660	139	855	2816
% App. Total	37.3	44.9	17.8		12.1	78.7	9.3		25.9	41.8	32.3		6.5	77.2	16.3		
PHF	.821	.798	.589	.826	.803	.896	.778	.918	.850	.809	.787	.822	.875	.833	.914	.852	.917

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City of Lake Forest
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File Name : 389_LHS_RiRte_Moul AM
Site Code : 05124139
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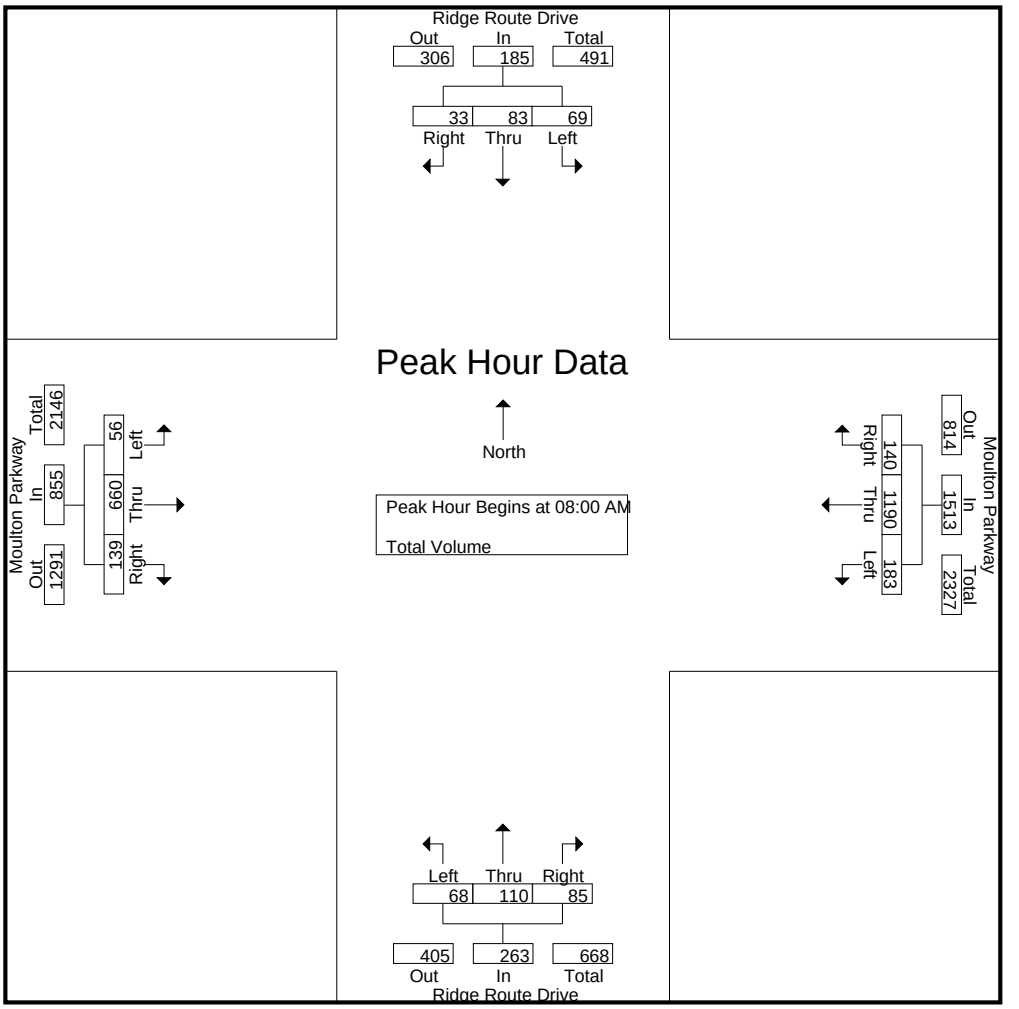

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	13	22	**14**	49	44	**332**	36	**412**	13	26	23	62	6	173	37	216
+15 mins.	17	19	2	38	**57**	271	28	356	14	24	18	56	15	**198**	**38**	**251**
+30 mins.	**21**	16	5	42	40	299	31	370	19	**34**	**27**	**80**	**16**	162	36	214
+45 mins.	18	**26**	12	**56**	42	288	**45**	375	**20**	33	14	67	13	161	32	206
Total Volume	69	83	33	185	183	1190	140	1513	66	117	82	265	50	694	143	887
% App. Total	37.3	44.9	17.8		12.1	78.7	9.3		24.9	44.2	30.9		5.6	78.2	16.1	
PHF	.821	.798	.589	.826	.803	.896	.778	.918	.825	.860	.759	.828	.781	.876	.941	.883

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City of Lake Forest
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Weather: Clear

File Name : 389_LHS_RiRte_Moul PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Moulton Parkway Westbound				Ridge Route Drive Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	46	21	10	77	38	222	32	292	24	31	35	90	17	306	26	349	808
04:15 PM	28	30	9	67	28	167	34	229	20	24	36	80	12	308	26	346	722
04:30 PM	45	25	12	82	24	182	39	245	15	25	28	68	17	363	14	394	789
04:45 PM	43	23	8	74	39	187	32	258	15	28	41	84	10	321	15	346	762
Total	162	99	39	300	129	758	137	1024	74	108	140	322	56	1298	81	1435	3081
05:00 PM	58	14	10	82	28	192	36	256	30	38	36	104	13	429	17	459	901
05:15 PM	38	16	8	62	33	173	21	227	18	20	44	82	12	413	19	444	815
05:30 PM	45	26	10	81	16	174	22	212	14	26	36	76	4	446	14	464	833
05:45 PM	34	21	8	63	26	140	24	190	13	15	20	48	5	372	23	400	701
Total	175	77	36	288	103	679	103	885	75	99	136	310	34	1660	73	1767	3250
Grand Total	337	176	75	588	232	1437	240	1909	149	207	276	632	90	2958	154	3202	6331
Apprch %	57.3	29.9	12.8		12.2	75.3	12.6		23.6	32.8	43.7		2.8	92.4	4.8		
Total %	5.3	2.8	1.2	9.3	3.7	22.7	3.8	30.2	2.4	3.3	4.4	10	1.4	46.7	2.4	50.6	

	Ridge Route Drive Southbound				Moulton Parkway Westbound				Ridge Route Drive Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	43	23	8	74	**39**	187	32	**258**	15	28	41	84	10	321	15	346	762
05:00 PM	**58**	14	**10**	**82**	28	**192**	**36**	256	**30**	**38**	36	**104**	**13**	429	17	459	**901**
05:15 PM	38	16	8	62	33	173	21	227	18	20	**44**	82	12	413	**19**	444	815
05:30 PM	45	**26**	10	81	16	174	22	212	14	26	36	76	4	**446**	14	**464**	833
Total Volume	184	79	36	299	116	726	111	953	77	112	157	346	39	1609	65	1713	3311
% App. Total	61.5	26.4	12		12.2	76.2	11.6		22.3	32.4	45.4		2.3	93.9	3.8		
PHF	.793	.760	.900	.912	.744	.945	.771	.923	.642	.737	.892	.832	.750	.902	.855	.923	.919

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File Name : 389_LHS_RiRte_Moul PM
Site Code : 05124139
Start Date : 2/15/2024
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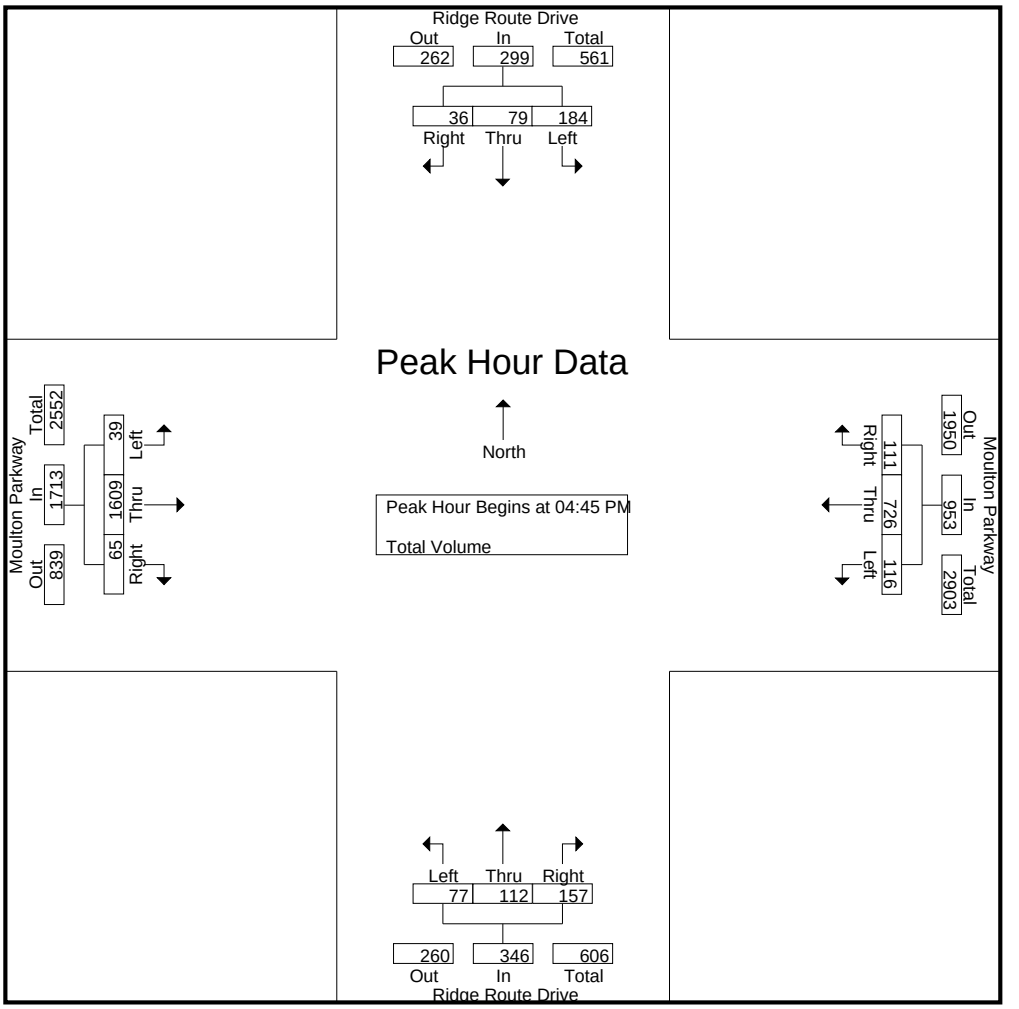

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	28	**30**	9	67	38	**222**	32	**292**	15	28	41	84	**13**	429	17	459
+15 mins.	45	25	**12**	**82**	28	167	34	229	**30**	**38**	36	**104**	12	413	19	444
+30 mins.	43	23	8	74	24	182	**39**	245	18	20	**44**	82	4	**446**	14	**464**
+45 mins.	**58**	14	10	82	**39**	187	32	258	14	26	36	76	5	372	**23**	400
Total Volume	174	92	39	305	129	758	137	1024	77	112	157	346	34	1660	73	1767
% App. Total	57	30.2	12.8		12.6	74	13.4		22.3	32.4	45.4		1.9	93.9	4.1	
PHF	.750	.767	.813	.930	.827	.854	.878	.877	.642	.737	.892	.832	.654	.930	.793	.952

Location: Laguna Hills
N/S: Ridge Route Drive
E/W: Moulton Parkway

ITAM: 389
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Moulton Parkway	South Leg Ridge Route Drive	West Leg Moulton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	3	3
7:30 AM	0	0	1	1	2
7:45 AM	2	2	1	2	7
8:00 AM	2	0	1	0	3
8:15 AM	0	1	1	0	2
8:30 AM	3	0	0	0	3
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	7	3	4	7	21

	North Leg Ridge Route Drive	East Leg Moulton Parkway	South Leg Ridge Route Drive	West Leg Moulton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	1	3
4:15 PM	0	0	0	2	2
4:30 PM	2	1	1	2	6
4:45 PM	1	0	0	0	1
5:00 PM	2	0	2	1	5
5:15 PM	1	0	2	2	5
5:30 PM	0	0	0	1	1
5:45 PM	1	0	0	0	1
TOTAL VOLUMES:	7	1	7	9	24

Location: Laguna Hills
N/S: Ridge Route Drive
E/W: Moulton Parkway

ITAM: 389
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Moulton Parkway			Northbound Ridge Route Drive			Eastbound Moulton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	1	1	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	3	1	0	0	0	0	0	0	5

	Southbound Ridge Route Drive			Westbound Moulton Parkway			Northbound Ridge Route Drive			Eastbound Moulton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
4:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	1	0	0	2	0	0	0	0	0	2	1	7

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City of Laguna Hills
N/S: I-5 SB Ramps/Paseo De Valencia
E/W: Avenida De La Carlota
Weather: Clear

File Name : 390_LHS_5S_AvDL Car AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Avenida De La Carlota Westbound				Avenida De La Carlota Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	113	127	3	243	2	47	68	117	11	5	4	20	23	33	18	74	454
07:15 AM	173	169	11	353	1	42	82	125	12	0	6	18	21	27	13	61	557
07:30 AM	162	162	5	329	4	56	94	154	19	2	8	29	28	58	21	107	619
07:45 AM	177	211	5	393	3	56	91	150	24	2	6	32	20	36	25	81	656
Total	625	669	24	1318	10	201	335	546	66	9	24	99	92	154	77	323	2286
08:00 AM	188	174	16	378	2	59	81	142	17	3	7	27	27	56	30	113	660
08:15 AM	177	176	12	365	3	59	101	163	35	3	7	45	29	48	32	109	682
08:30 AM	159	158	10	327	1	54	111	166	30	3	8	41	21	47	21	89	623
08:45 AM	146	152	11	309	1	86	95	182	27	8	13	48	31	65	24	120	659
Total	670	660	49	1379	7	258	388	653	109	17	35	161	108	216	107	431	2624
Grand Total	1295	1329	73	2697	17	459	723	1199	175	26	59	260	200	370	184	754	4910
Apprch %	48	49.3	2.7		1.4	38.3	60.3		67.3	10	22.7		26.5	49.1	24.4		
Total %	26.4	27.1	1.5	54.9	0.3	9.3	14.7	24.4	3.6	0.5	1.2	5.3	4.1	7.5	3.7	15.4	

	I-5 Southbound Ramps Southbound				Avenida De La Carlota Westbound				Avenida De La Carlota Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**188**	174	**16**	**378**	2	59	81	142	17	3	7	27	27	56	30	113	660
08:15 AM	177	**176**	12	365	**3**	59	101	163	**35**	3	7	45	29	48	**32**	109	**682**
08:30 AM	159	158	10	327	1	54	**111**	166	30	3	8	41	21	47	21	89	623
08:45 AM	146	152	11	309	1	**86**	95	**182**	27	**8**	**13**	**48**	**31**	**65**	24	**120**	659
Total Volume	670	660	49	1379	7	258	388	653	109	17	35	161	108	216	107	431	2624
% App. Total	48.6	47.9	3.6		1.1	39.5	59.4		67.7	10.6	21.7		25.1	50.1	24.8		
PHF	.891	.938	.766	.912	.583	.750	.874	.897	.779	.531	.673	.839	.871	.831	.836	.898	.962

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City of Laguna Hills
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E/W: Avenida De La Carlota
Weather: Clear

File Name : 390_LHS_5S_AvDL Car AM3
Site Code : 05124139
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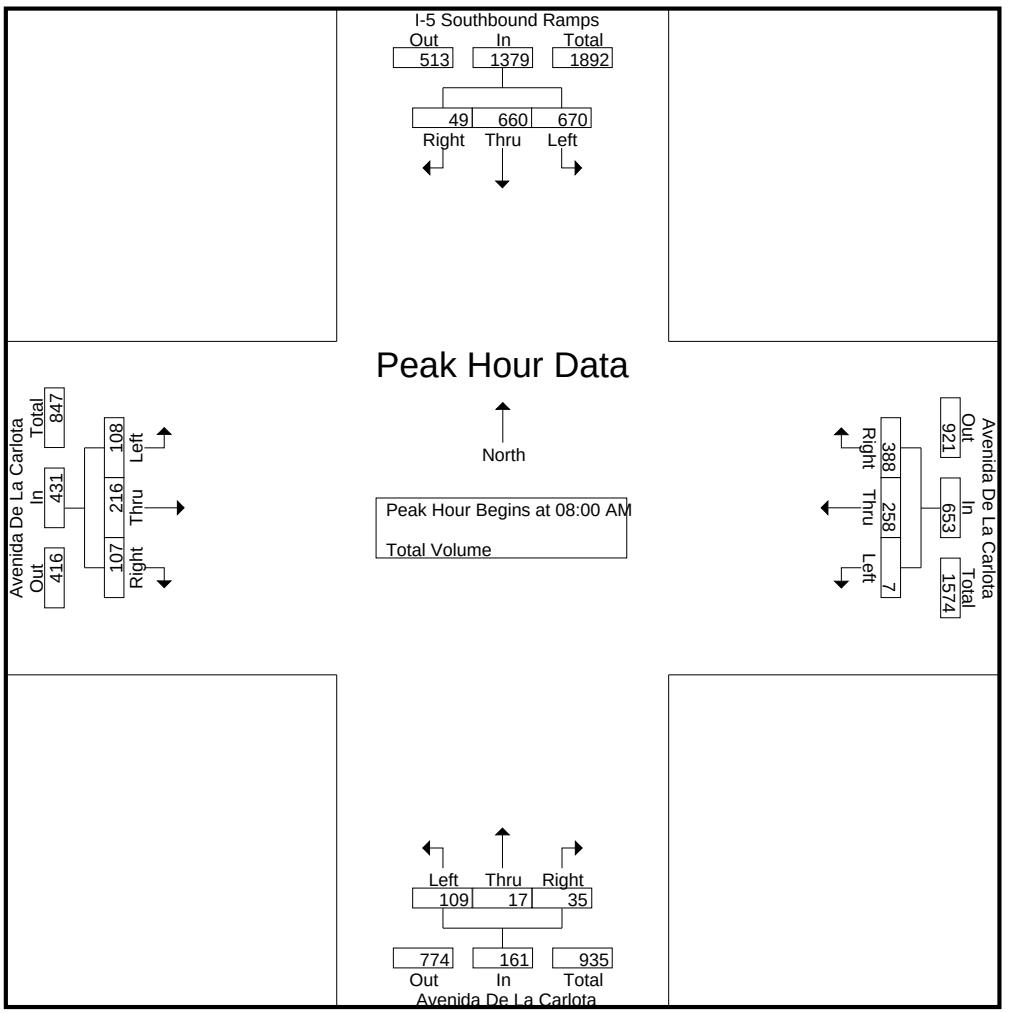

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	162	162	5	329	2	59	81	142	17	3	7	27	27	56	30	113
+15 mins.	177	**211**	5	**393**	**3**	59	101	163	**35**	3	7	45	29	48	**32**	109
+30 mins.	**188**	174	**16**	378	1	54	**111**	166	30	3	8	41	21	47	21	89
+45 mins.	177	176	12	365	1	**86**	95	**182**	27	**8**	**13**	**48**	**31**	**65**	24	**120**
Total Volume	704	723	38	1465	7	258	388	653	109	17	35	161	108	216	107	431
% App. Total	48.1	49.4	2.6		1.1	39.5	59.4		67.7	10.6	21.7		25.1	50.1	24.8	
PHF	.936	.857	.594	.932	.583	.750	.874	.897	.779	.531	.673	.839	.871	.831	.836	.898

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City of Laguna Hills
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E/W: Avenida De La Carlota
Weather: Clear

File Name : 390_LHS_5S_AvDL Car PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	I-5 Southbound Ramps Southbound				Avenida De La Carlota Westbound				Avenida De La Carlota Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	198	89	4	291	4	74	74	152	45	21	15	81	53	124	54	231	755
04:15 PM	181	109	12	302	7	55	80	142	45	10	11	66	39	113	58	210	720
04:30 PM	179	94	5	278	5	66	82	153	38	10	12	60	29	106	56	191	682
04:45 PM	170	91	12	273	6	71	71	148	38	10	14	62	32	114	54	200	683
Total	728	383	33	1144	22	266	307	595	166	51	52	269	153	457	222	832	2840
05:00 PM	166	67	6	239	6	55	72	133	46	10	22	78	40	113	38	191	641
05:15 PM	151	66	4	221	7	55	86	148	33	20	16	69	45	161	67	273	711
05:30 PM	192	82	10	284	6	79	85	170	39	16	14	69	34	120	63	217	740
05:45 PM	203	103	8	314	3	70	85	158	32	8	8	48	33	119	69	221	741
Total	712	318	28	1058	22	259	328	609	150	54	60	264	152	513	237	902	2833
Grand Total	1440	701	61	2202	44	525	635	1204	316	105	112	533	305	970	459	1734	5673
Apprch %	65.4	31.8	2.8		3.7	43.6	52.7		59.3	19.7	21		17.6	55.9	26.5		
Total %	25.4	12.4	1.1	38.8	0.8	9.3	11.2	21.2	5.6	1.9	2	9.4	5.4	17.1	8.1	30.6	

	I-5 Southbound Ramps Southbound				Avenida De La Carlota Westbound				Avenida De La Carlota Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	**198**	89	4	291	4	**74**	74	152	**45**	**21**	**15**	**81**	**53**	**124**	54	**231**	**755**
04:15 PM	181	**109**	**12**	**302**	**7**	55	80	142	45	10	11	66	39	113	**58**	210	720
04:30 PM	179	94	5	278	5	66	**82**	**153**	38	10	12	60	29	106	56	191	682
04:45 PM	170	91	12	273	6	71	71	148	38	10	14	62	32	114	54	200	683
Total Volume	728	383	33	1144	22	266	307	595	166	51	52	269	153	457	222	832	2840
% App. Total	63.6	33.5	2.9		3.7	44.7	51.6		61.7	19	19.3		18.4	54.9	26.7		
PHF	.919	.878	.688	.947	.786	.899	.936	.972	.922	.607	.867	.830	.722	.921	.957	.900	.940

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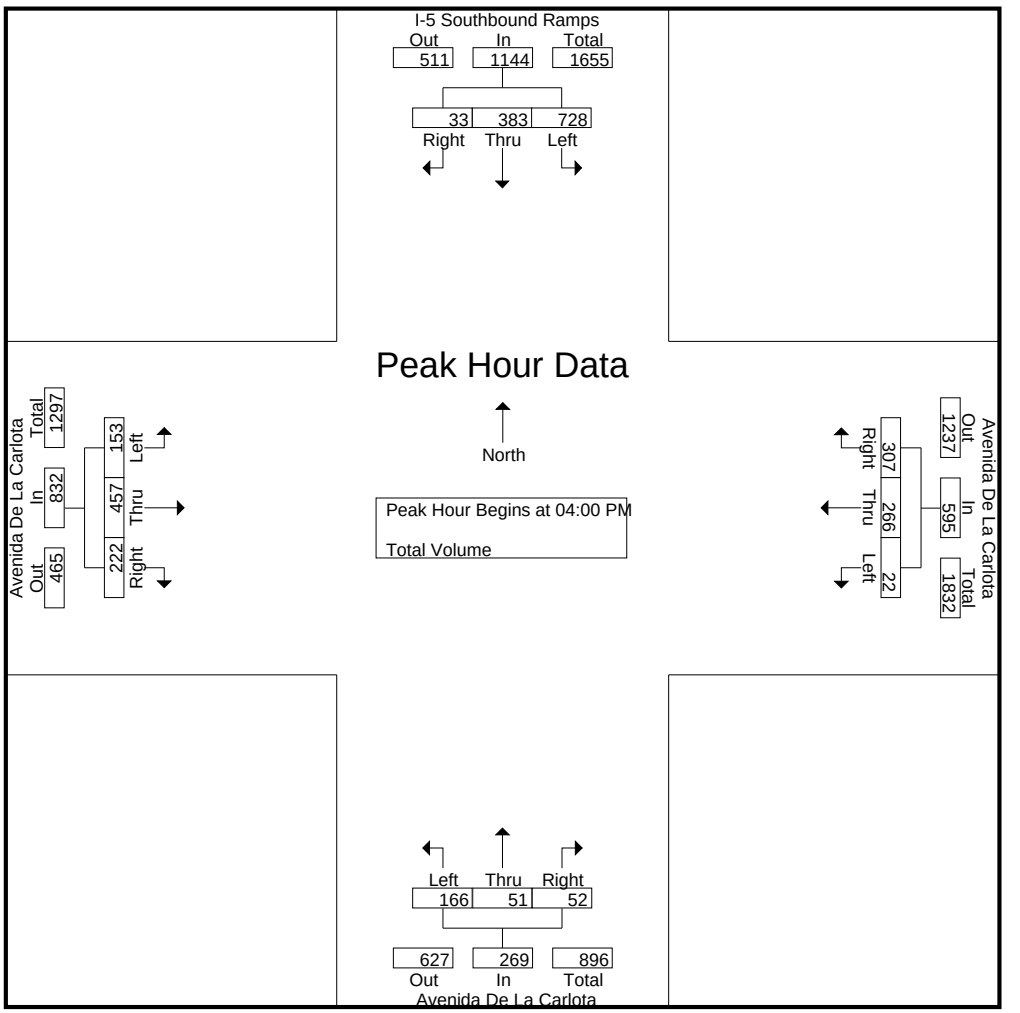
City of Laguna Hills
N/S: I-5 SB Ramps/Paseo De Valencia
E/W: Avenida De La Carlota
Weather: Clear

File Name : 390_LHS_5S_AvDL Car PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:45 PM				05:00 PM			
+0 mins.	**198**	89	4	291	6	55	72	133	38	10	14	62	40	113	38	191
+15 mins.	181	**109**	**12**	**302**	**7**	55	**86**	148	**46**	10	**22**	**78**	**45**	**161**	67	**273**
+30 mins.	179	94	5	278	6	**79**	85	**170**	33	**20**	16	69	34	120	63	217
+45 mins.	170	91	12	273	3	70	85	158	39	16	14	69	33	119	**69**	221
Total Volume	728	383	33	1144	22	259	328	609	156	56	66	278	152	513	237	902
% App. Total	63.6	33.5	2.9		3.6	42.5	53.9		56.1	20.1	23.7		16.9	56.9	26.3	
PHF	.919	.878	.688	.947	.786	.820	.953	.896	.848	.700	.750	.891	.844	.797	.859	.826

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City of Laguna Woods
N/S: Moulton Parkway
E/W: Santa Maria Avenue
Weather: Clear

File Name : 391_LWS_Moul_Santa M AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound			Moulton Parkway Northbound			Santa Maria Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	104	12	116	17	160	177	10	26	36	329
07:15 AM	105	12	117	14	212	226	19	35	54	397
07:30 AM	164	12	176	22	255	277	23	38	61	514
07:45 AM	219	24	243	42	338	380	18	48	66	689
Total	592	60	652	95	965	1060	70	147	217	1929
08:00 AM	189	30	219	60	370	430	27	71	98	747
08:15 AM	183	21	204	38	370	408	39	56	95	707
08:30 AM	161	16	177	21	325	346	41	46	87	610
08:45 AM	158	24	182	40	314	354	52	47	99	635
Total	691	91	782	159	1379	1538	159	220	379	2699
Grand Total	1283	151	1434	254	2344	2598	229	367	596	4628
Apprch %	89.5	10.5		9.8	90.2		38.4	61.6		
Total %	27.7	3.3	31	5.5	50.6	56.1	4.9	7.9	12.9	

	Moulton Parkway Southbound			Moulton Parkway Northbound			Santa Maria Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	**219**	24	**243**	42	338	380	18	48	66	689
08:00 AM	189	**30**	219	**60**	**370**	**430**	27	**71**	**98**	**747**
08:15 AM	183	21	204	38	370	408	39	56	95	707
08:30 AM	161	16	177	21	325	346	**41**	46	87	610
Total Volume	752	91	843	161	1403	1564	125	221	346	2753
% App. Total	89.2	10.8		10.3	89.7		36.1	63.9		
PHF	.858	.758	.867	.671	.948	.909	.762	.778	.883	.921

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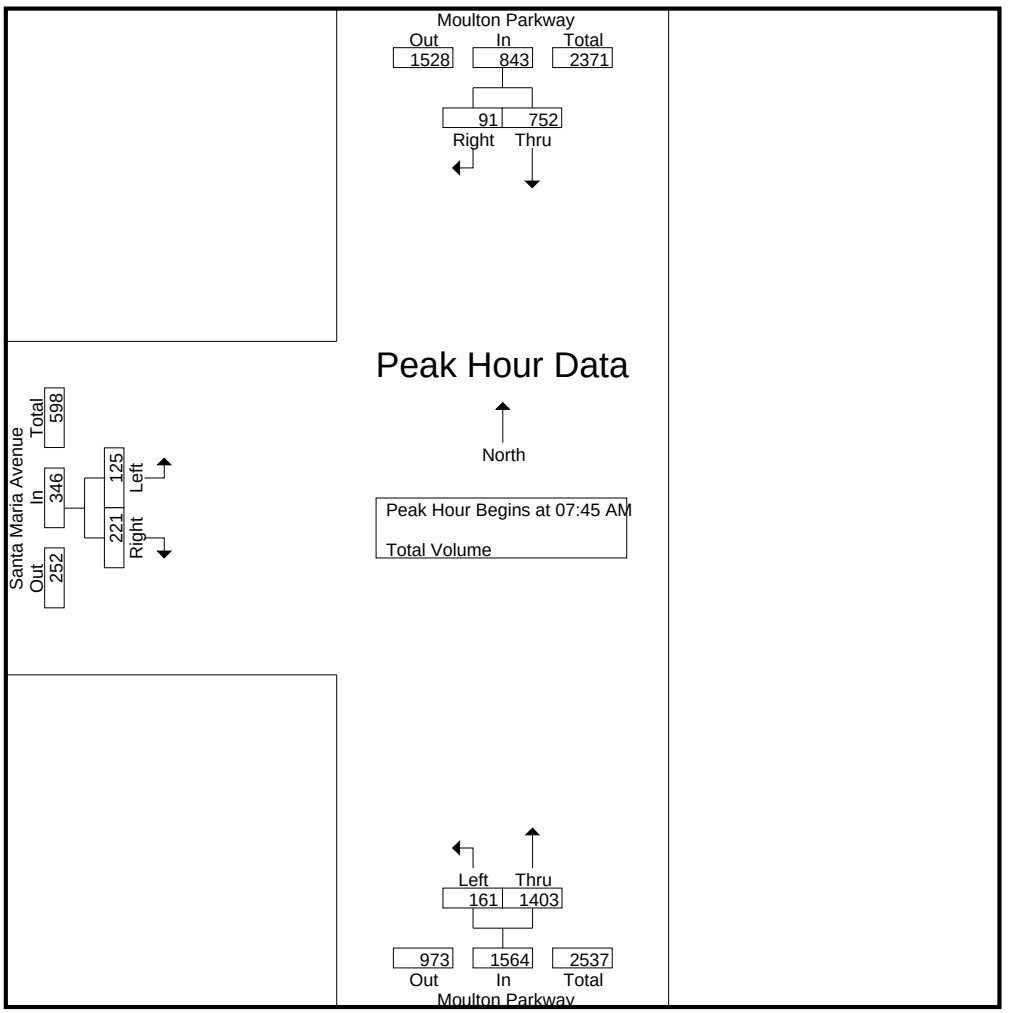
City of Laguna Woods
N/S: Moulton Parkway
E/W: Santa Maria Avenue
Weather: Clear

File Name : 391_LWS_Moul_Santa M AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			08:00 AM		
+0 mins.	**219**	24	**243**	42	338	380	27	**71**	98
+15 mins.	189	**30**	219	**60**	**370**	**430**	39	56	95
+30 mins.	183	21	204	38	370	408	41	46	87
+45 mins.	161	16	177	21	325	346	**52**	47	**99**
Total Volume	752	91	843	161	1403	1564	159	220	379
% App. Total	89.2	10.8		10.3	89.7		42	58	
PHF	.858	.758	.867	.671	.948	.909	.764	.775	.957

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City of Laguna Woods
N/S: Moulton Parkway
E/W: Santa Maria Avenue
Weather: Clear

File Name : 391_LWS_Moul_Santa M PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound			Moulton Parkway Northbound			Santa Maria Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	348	38	386	51	223	274	43	47	90	750
04:15 PM	358	32	390	77	213	290	39	42	81	761
04:30 PM	397	42	439	55	193	248	35	47	82	769
04:45 PM	358	31	389	70	233	303	39	48	87	779
Total	1461	143	1604	253	862	1115	156	184	340	3059
05:00 PM	497	29	526	44	216	260	24	47	71	857
05:15 PM	453	37	490	40	197	237	25	49	74	801
05:30 PM	505	34	539	66	190	256	26	34	60	855
05:45 PM	389	31	420	28	172	200	20	31	51	671
Total	1844	131	1975	178	775	953	95	161	256	3184
Grand Total	3305	274	3579	431	1637	2068	251	345	596	6243
Apprch %	92.3	7.7		20.8	79.2		42.1	57.9		
Total %	52.9	4.4	57.3	6.9	26.2	33.1	4	5.5	9.5	

	Moulton Parkway Southbound			Moulton Parkway Northbound			Santa Maria Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	358	31	389	**70**	**233**	**303**	**39**	48	**87**	779
05:00 PM	497	29	526	44	216	260	24	47	71	**857**
05:15 PM	453	**37**	490	40	197	237	25	**49**	74	801
05:30 PM	**505**	34	**539**	66	190	256	26	34	60	855
Total Volume	1813	131	1944	220	836	1056	114	178	292	3292
% App. Total	93.3	6.7		20.8	79.2		39	61		
PHF	.898	.885	.902	.786	.897	.871	.731	.908	.839	.960

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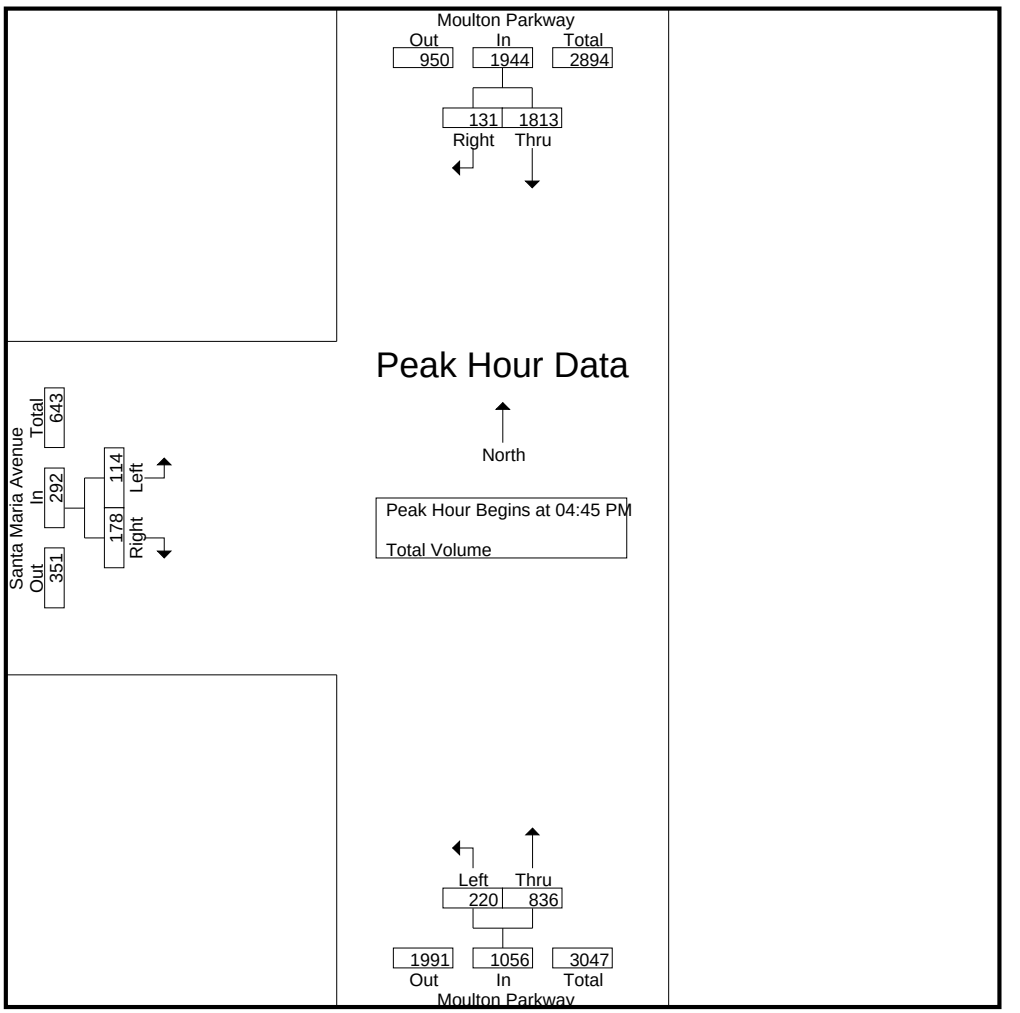
City of Laguna Woods
N/S: Moulton Parkway
E/W: Santa Maria Avenue
Weather: Clear

File Name : 391_LWS_Moul_Santa M PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:00 PM			04:00 PM		
+0 mins.	497	29	526	51	223	274	**43**	47	**90**
+15 mins.	453	**37**	490	**77**	213	290	39	42	81
+30 mins.	**505**	34	**539**	55	193	248	35	47	82
+45 mins.	389	31	420	70	**233**	**303**	39	**48**	87
Total Volume	1844	131	1975	253	862	1115	156	184	340
% App. Total	93.4	6.6		22.7	77.3		45.9	54.1	
PHF	.913	.885	.916	.821	.925	.920	.907	.958	.944

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City of Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard
Weather: Clear

File Name : 392_LKF_El T_Muir AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Muirlands Boulevard Westbound				El Toro Road Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	52	264	38	354	33	53	29	115	7	125	21	153	22	38	20	80	702
07:15 AM	52	287	59	398	40	92	36	168	15	155	26	196	25	45	25	95	857
07:30 AM	73	295	63	431	76	115	31	222	21	173	22	216	44	65	22	131	1000
07:45 AM	76	337	132	545	62	158	59	279	31	207	32	270	57	97	21	175	1269
Total	253	1183	292	1728	211	418	155	784	74	660	101	835	148	245	88	481	3828
08:00 AM	81	294	133	508	90	228	82	400	42	202	20	264	86	119	39	244	1416
08:15 AM	83	365	108	556	78	137	38	253	25	217	33	275	67	98	43	208	1292
08:30 AM	51	276	72	399	55	106	32	193	32	176	27	235	36	64	41	141	968
08:45 AM	68	287	61	416	53	82	29	164	29	196	45	270	37	62	37	136	986
Total	283	1222	374	1879	276	553	181	1010	128	791	125	1044	226	343	160	729	4662
Grand Total	536	2405	666	3607	487	971	336	1794	202	1451	226	1879	374	588	248	1210	8490
Apprch %	14.9	66.7	18.5		27.1	54.1	18.7		10.8	77.2	12		30.9	48.6	20.5		
Total %	6.3	28.3	7.8	42.5	5.7	11.4	4	21.1	2.4	17.1	2.7	22.1	4.4	6.9	2.9	14.3	

	El Toro Road Southbound				Muirlands Boulevard Westbound				El Toro Road Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	73	295	63	431	76	115	31	222	21	173	22	216	44	65	22	131	1000
07:45 AM	76	337	132	545	62	158	59	279	31	207	32	270	57	97	21	175	1269
08:00 AM	81	294	**133**	508	**90**	**228**	**82**	**400**	**42**	202	20	264	**86**	**119**	39	**244**	**1416**
08:15 AM	**83**	**365**	108	**556**	78	137	38	253	25	**217**	**33**	**275**	67	98	**43**	208	1292
Total Volume	313	1291	436	2040	306	638	210	1154	119	799	107	1025	254	379	125	758	4977
% App. Total	15.3	63.3	21.4		26.5	55.3	18.2		11.6	78	10.4		33.5	50	16.5		
PHF	.943	.884	.820	.917	.850	.700	.640	.721	.708	.921	.811	.932	.738	.796	.727	.777	.879

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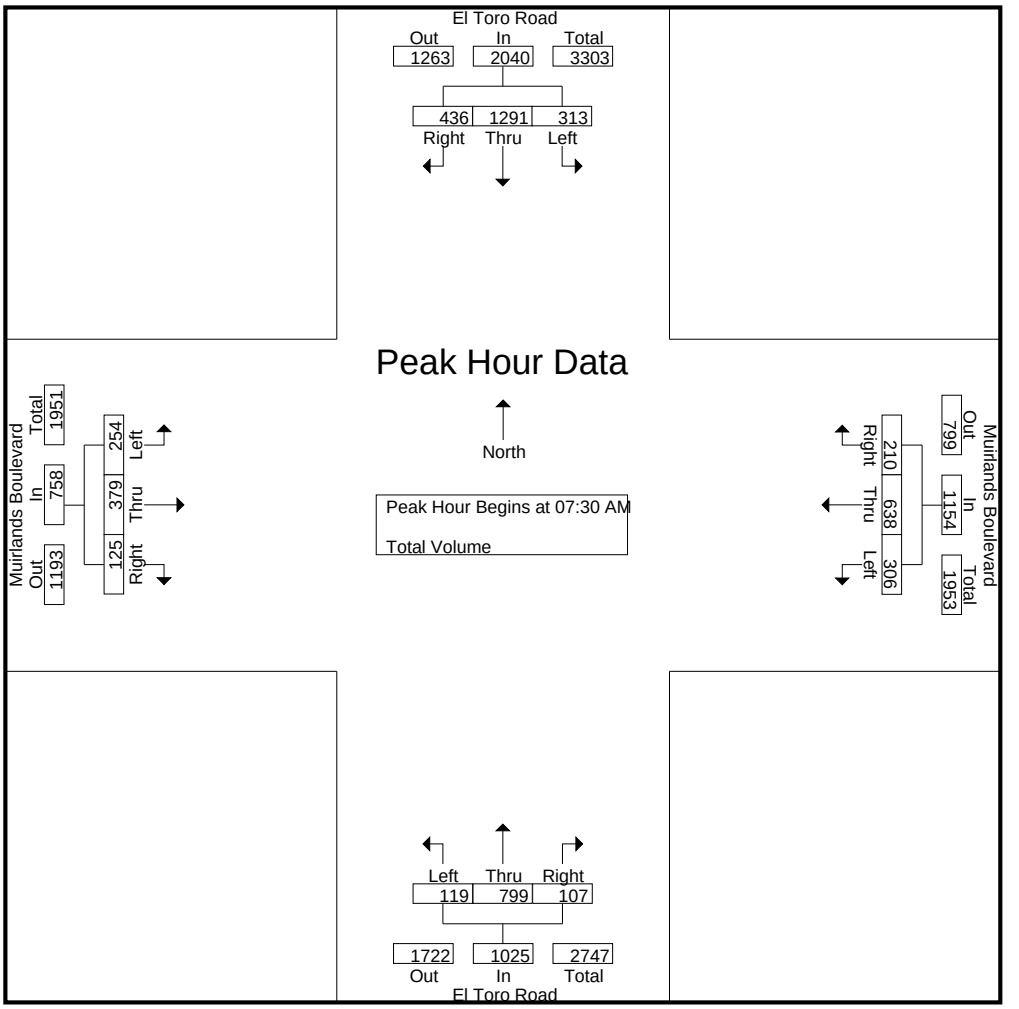
City of Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard
Weather: Clear

File Name : 392_LKF_El T_Muir AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	73	295	63	431	76	115	31	222	31	207	32	270	57	97	21	175
+15 mins.	76	337	132	545	62	158	59	279	**42**	202	20	264	**86**	**119**	39	**244**
+30 mins.	81	294	**133**	508	**90**	**228**	**82**	**400**	25	**217**	**33**	**275**	67	98	**43**	208
+45 mins.	**83**	**365**	108	**556**	78	137	38	253	32	176	27	235	36	64	41	141
Total Volume	313	1291	436	2040	306	638	210	1154	130	802	112	1044	246	378	144	768
% App. Total	15.3	63.3	21.4		26.5	55.3	18.2		12.5	76.8	10.7		32	49.2	18.8	
PHF	.943	.884	.820	.917	.850	.700	.640	.721	.774	.924	.848	.949	.715	.794	.837	.787

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City of Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard
Weather: Clear

File Name : 392_LKF_El T_Muir PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Muirlands Boulevard Westbound				El Toro Road Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	65	236	47	348	58	81	42	181	60	336	94	490	63	155	67	285	1304
04:15 PM	65	241	34	340	84	101	44	229	69	334	98	501	64	154	87	305	1375
04:30 PM	83	207	35	325	68	93	68	229	59	369	84	512	70	144	94	308	1374
04:45 PM	88	214	44	346	54	76	52	182	47	351	93	491	44	140	57	241	1260
Total	301	898	160	1359	264	351	206	821	235	1390	369	1994	241	593	305	1139	5313
05:00 PM	63	237	41	341	79	80	46	205	47	366	93	506	60	192	72	324	1376
05:15 PM	79	245	40	364	70	88	57	215	54	359	88	501	43	176	70	289	1369
05:30 PM	53	217	42	312	71	79	52	202	56	361	77	494	67	156	78	301	1309
05:45 PM	56	254	26	336	68	86	42	196	36	359	81	476	57	163	85	305	1313
Total	251	953	149	1353	288	333	197	818	193	1445	339	1977	227	687	305	1219	5367
Grand Total	552	1851	309	2712	552	684	403	1639	428	2835	708	3971	468	1280	610	2358	10680
Apprch %	20.4	68.3	11.4		33.7	41.7	24.6		10.8	71.4	17.8		19.8	54.3	25.9		
Total %	5.2	17.3	2.9	25.4	5.2	6.4	3.8	15.3	4	26.5	6.6	37.2	4.4	12	5.7	22.1	

	El Toro Road Southbound				Muirlands Boulevard Westbound				El Toro Road Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	65	**241**	34	340	**84**	**101**	44	**229**	**69**	334	**98**	501	64	154	87	305	1375
04:30 PM	83	207	35	325	68	93	**68**	229	59	**369**	84	**512**	**70**	144	**94**	308	1374
04:45 PM	**88**	214	**44**	**346**	54	76	52	182	47	351	93	491	44	140	57	241	1260
05:00 PM	63	237	41	341	79	80	46	205	47	366	93	506	60	**192**	72	**324**	**1376**
Total Volume	299	899	154	1352	285	350	210	845	222	1420	368	2010	238	630	310	1178	5385
% App. Total	22.1	66.5	11.4		33.7	41.4	24.9		11	70.6	18.3		20.2	53.5	26.3		
PHF	.849	.933	.875	.977	.848	.866	.772	.922	.804	.962	.939	.981	.850	.820	.824	.909	.978

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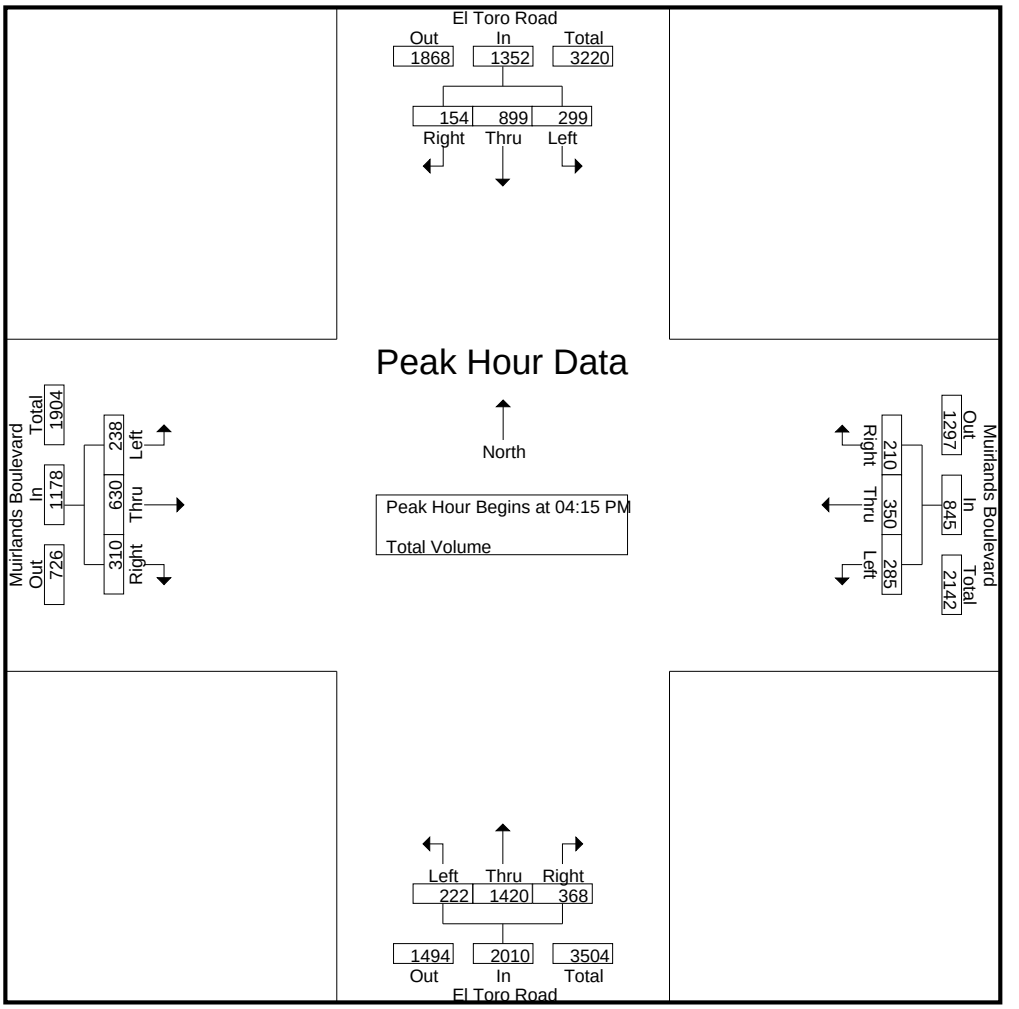
City of Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard
Weather: Clear

File Name : 392_LKF_El T_Muir PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				04:15 PM				05:00 PM			
+0 mins.	83	207	35	325	**84**	**101**	44	**229**	**69**	334	**98**	501	60	**192**	72	**324**
+15 mins.	**88**	214	**44**	346	68	93	**68**	229	59	**369**	84	**512**	43	176	70	289
+30 mins.	63	237	41	341	54	76	52	182	47	351	93	491	**67**	156	78	301
+45 mins.	79	**245**	40	**364**	79	80	46	205	47	366	93	506	57	163	**85**	305
Total Volume	313	903	160	1376	285	350	210	845	222	1420	368	2010	227	687	305	1219
% App. Total	22.7	65.6	11.6		33.7	41.4	24.9		11	70.6	18.3		18.6	56.4	25	
PHF	.889	.921	.909	.945	.848	.866	.772	.922	.804	.962	.939	.981	.847	.895	.897	.941

Location: Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard

ITAM: 392
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Muirlands Boulevard	South Leg El Toro Road	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	3	6	5	1	15
7:15 AM	2	7	1	7	17
7:30 AM	7	6	0	1	14
7:45 AM	2	8	0	6	16
8:00 AM	5	3	2	1	11
8:15 AM	5	7	0	1	13
8:30 AM	6	6	5	2	19
8:45 AM	1	3	2	1	7
TOTAL VOLUMES:	31	46	15	20	112

	North Leg El Toro Road	East Leg Muirlands Boulevard	South Leg El Toro Road	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	4	4	1	5	14
4:15 PM	3	3	0	4	10
4:30 PM	9	8	2	2	21
4:45 PM	4	9	4	3	20
5:00 PM	4	14	8	1	27
5:15 PM	3	8	7	3	21
5:30 PM	2	7	2	2	13
5:45 PM	4	9	4	0	17
TOTAL VOLUMES:	33	62	28	20	143

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951-268-6268

Location: Lake Forest
N/S: El Toro Road
E/W: Muirlands Boulevard

ITAM: 392
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Muirlands Boulevard			Northbound El Toro Road			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	1	0	0	0	0	0	0	0	0	0	1	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
7:30 AM	0	2	0	1	3	0	0	0	0	0	0	0	6
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	2	0	0	0	0	1	1	0	4
8:30 AM	0	0	0	0	2	0	0	0	0	0	2	0	4
8:45 AM	0	1	0	1	0	0	0	0	0	0	1	0	3
TOTAL VOLUMES:	2	3	0	2	7	0	0	0	0	1	7	0	22

	Southbound El Toro Road			Westbound Muirlands Boulevard			Northbound El Toro Road			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	1	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	2	0	0	1	0	3
4:30 PM	0	0	0	0	0	0	0	3	0	0	0	0	3
4:45 PM	0	0	0	1	1	0	0	3	0	1	0	0	6
5:00 PM	1	0	0	0	2	0	0	0	0	0	0	0	3
5:15 PM	0	0	0	0	1	0	0	2	0	0	1	0	4
5:30 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	1	0	0	1	0	0	1	0	3
TOTAL VOLUMES:	1	0	0	1	8	0	0	11	1	1	3	0	26

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City of Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard
Weather: Clear

File Name : 393_LKF_El T_Rock AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Rockfield Boulevard Westbound				El Toro Road Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	22	261	6	289	88	38	14	140	32	127	20	179	12	22	32	66	674
07:15 AM	21	300	7	328	72	49	14	135	51	175	16	242	13	27	26	66	771
07:30 AM	20	368	8	396	75	47	16	138	32	189	26	247	21	36	28	85	866
07:45 AM	32	343	11	386	60	72	26	158	44	172	31	247	14	64	34	112	903
Total	95	1272	32	1399	295	206	70	571	159	663	93	915	60	149	120	329	3214
08:00 AM	59	340	11	410	75	62	29	166	63	229	31	323	16	87	42	145	1044
08:15 AM	64	317	9	390	96	73	60	229	56	201	40	297	27	69	49	145	1061
08:30 AM	25	352	15	392	80	67	59	206	58	196	22	276	25	29	46	100	974
08:45 AM	19	279	17	315	69	52	21	142	61	222	24	307	35	42	40	117	881
Total	167	1288	52	1507	320	254	169	743	238	848	117	1203	103	227	177	507	3960
Grand Total	262	2560	84	2906	615	460	239	1314	397	1511	210	2118	163	376	297	836	7174
Apprch %	9	88.1	2.9		46.8	35	18.2		18.7	71.3	9.9		19.5	45	35.5		
Total %	3.7	35.7	1.2	40.5	8.6	6.4	3.3	18.3	5.5	21.1	2.9	29.5	2.3	5.2	4.1	11.7	

	El Toro Road Southbound				Rockfield Boulevard Westbound				El Toro Road Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	32	343	11	386	60	72	26	158	44	172	31	247	14	64	34	112	903
08:00 AM	59	340	11	**410**	75	62	29	166	**63**	**229**	31	**323**	16	**87**	42	**145**	1044
08:15 AM	**64**	317	9	390	**96**	**73**	**60**	**229**	56	201	**40**	297	**27**	69	**49**	145	**1061**
08:30 AM	25	**352**	**15**	392	80	67	59	206	58	196	22	276	25	29	46	100	974
Total Volume	180	1352	46	1578	311	274	174	759	221	798	124	1143	82	249	171	502	3982
% App. Total	11.4	85.7	2.9		41	36.1	22.9		19.3	69.8	10.8		16.3	49.6	34.1		
PHF	.703	.960	.767	.962	.810	.938	.725	.829	.877	.871	.775	.885	.759	.716	.872	.866	.938

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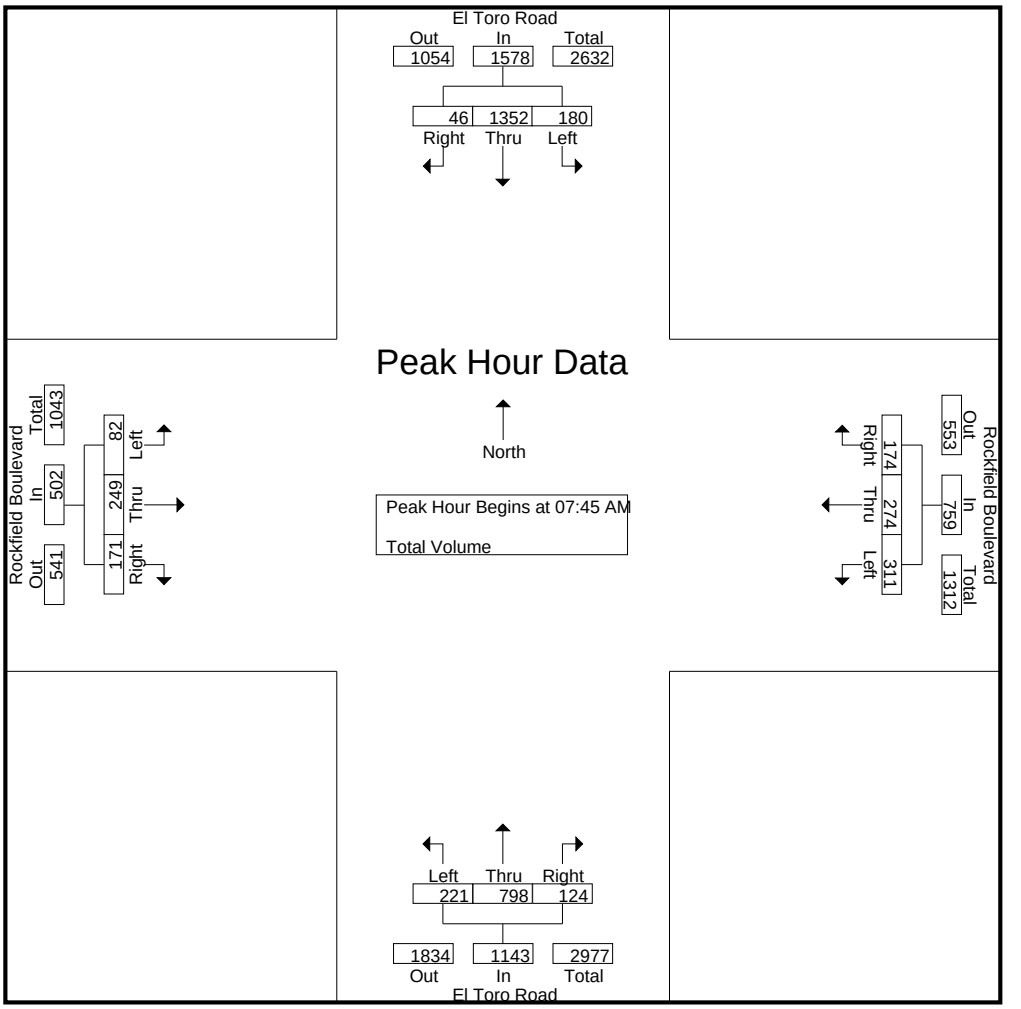
City of Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard
Weather: Clear

File Name : 393_LKF_El T_Rock AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	20	**368**	8	396	60	72	26	158	**63**	**229**	31	**323**	16	**87**	42	**145**
+15 mins.	32	343	**11**	386	75	62	29	166	56	201	**40**	297	27	69	**49**	145
+30 mins.	59	340	11	**410**	**96**	**73**	**60**	**229**	58	196	22	276	25	29	46	100
+45 mins.	**64**	317	9	390	80	67	59	206	61	222	24	307	**35**	42	40	117
Total Volume	175	1368	39	1582	311	274	174	759	238	848	117	1203	103	227	177	507
% App. Total	11.1	86.5	2.5		41	36.1	22.9		19.8	70.5	9.7		20.3	44.8	34.9	
PHF	.684	.929	.886	.965	.810	.938	.725	.829	.944	.926	.731	.931	.736	.652	.903	.874

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City of Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard
Weather: Clear

File Name : 393_LKF_El T_Rock PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Rockfield Boulevard Westbound				El Toro Road Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	55	240	19	314	70	65	33	168	93	352	49	494	70	91	85	246	1222
04:15 PM	53	271	23	347	79	65	47	191	117	345	53	515	64	111	60	235	1288
04:30 PM	35	245	20	300	83	66	41	190	110	321	46	477	73	108	50	231	1198
04:45 PM	37	246	18	301	78	54	42	174	103	336	50	489	59	102	67	228	1192
Total	180	1002	80	1262	310	250	163	723	423	1354	198	1975	266	412	262	940	4900
05:00 PM	55	275	24	354	64	63	43	170	95	371	49	515	62	121	69	252	1291
05:15 PM	50	284	20	354	88	62	25	175	110	376	52	538	59	102	61	222	1289
05:30 PM	35	267	21	323	76	55	35	166	109	382	51	542	70	108	63	241	1272
05:45 PM	41	265	19	325	79	45	49	173	108	350	52	510	73	90	51	214	1222
Total	181	1091	84	1356	307	225	152	684	422	1479	204	2105	264	421	244	929	5074
Grand Total	361	2093	164	2618	617	475	315	1407	845	2833	402	4080	530	833	506	1869	9974
Apprch %	13.8	79.9	6.3		43.9	33.8	22.4		20.7	69.4	9.9		28.4	44.6	27.1		
Total %	3.6	21	1.6	26.2	6.2	4.8	3.2	14.1	8.5	28.4	4	40.9	5.3	8.4	5.1	18.7	

	El Toro Road Southbound				Rockfield Boulevard Westbound				El Toro Road Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**55**	275	**24**	**354**	64	**63**	43	170	95	371	49	515	62	**121**	**69**	**252**	**1291**
05:15 PM	50	**284**	20	354	**88**	62	25	**175**	**110**	376	**52**	538	59	102	61	222	1289
05:30 PM	35	267	21	323	76	55	35	166	109	**382**	51	**542**	70	108	63	241	1272
05:45 PM	41	265	19	325	79	45	**49**	173	108	350	52	510	**73**	90	51	214	1222
Total Volume	181	1091	84	1356	307	225	152	684	422	1479	204	2105	264	421	244	929	5074
% App. Total	13.3	80.5	6.2		44.9	32.9	22.2		20	70.3	9.7		28.4	45.3	26.3		
PHF	.823	.960	.875	.958	.872	.893	.776	.977	.959	.968	.981	.971	.904	.870	.884	.922	.983

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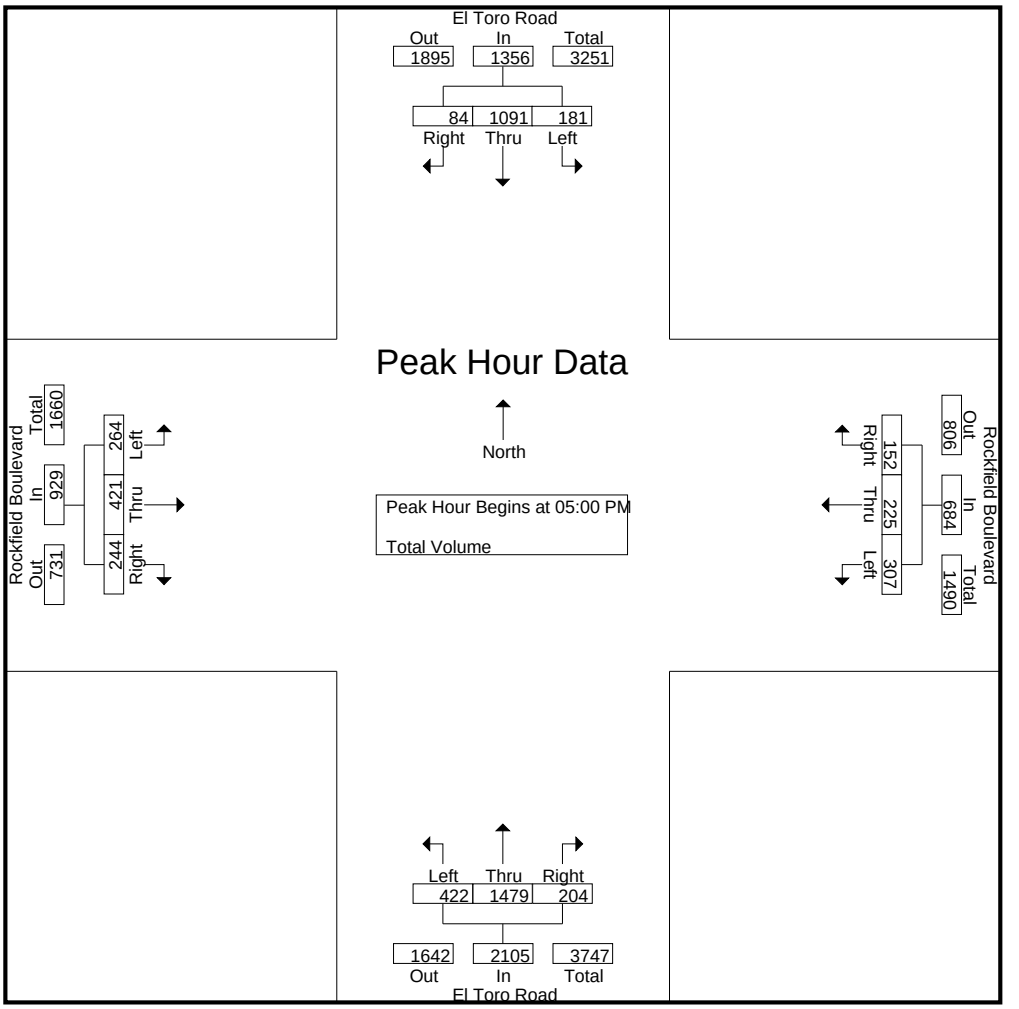
City of Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard
Weather: Clear

File Name : 393_LKF_El T_Rock PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				05:00 PM				04:15 PM			
+0 mins.	**55**	275	**24**	**354**	79	65	**47**	**191**	95	371	49	515	64	111	60	235
+15 mins.	50	**284**	20	354	**83**	**66**	41	190	**110**	376	**52**	538	**73**	108	50	231
+30 mins.	35	267	21	323	78	54	42	174	109	**382**	51	**542**	59	102	67	228
+45 mins.	41	265	19	325	64	63	43	170	108	350	52	510	62	**121**	**69**	**252**
Total Volume	181	1091	84	1356	304	248	173	725	422	1479	204	2105	258	442	246	946
% App. Total	13.3	80.5	6.2		41.9	34.2	23.9		20	70.3	9.7		27.3	46.7	26	
PHF	.823	.960	.875	.958	.916	.939	.920	.949	.959	.968	.981	.971	.884	.913	.891	.938

Location: Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard

ITAM: 393
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Rockfield Boulevard	South Leg El Toro Road	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	1	2
7:15 AM	2	1	4	3	10
7:30 AM	0	0	5	5	10
7:45 AM	0	0	1	0	1
8:00 AM	0	1	0	2	3
8:15 AM	4	3	3	0	10
8:30 AM	1	1	3	1	6
8:45 AM	1	1	3	4	9
TOTAL VOLUMES:	8	7	20	16	51

	North Leg El Toro Road	East Leg Rockfield Boulevard	South Leg El Toro Road	West Leg Rockfield Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	11	0	12
4:15 PM	4	3	6	5	18
4:30 PM	4	3	6	5	18
4:45 PM	1	3	8	2	14
5:00 PM	4	2	7	6	19
5:15 PM	1	2	0	7	10
5:30 PM	5	4	1	4	14
5:45 PM	4	0	3	0	7
TOTAL VOLUMES:	23	18	42	29	112

Location: Lake Forest
N/S: El Toro Road
E/W: Rockfield Boulevard

ITAM: 393
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Rockfield Boulevard			Northbound El Toro Road			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
8:30 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	2	0	0	1	3	0	0	0	0	0	0	0	6

	Southbound El Toro Road			Westbound Rockfield Boulevard			Northbound El Toro Road			Eastbound Rockfield Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	1	1	0	0	3
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:30 PM	0	0	0	0	1	0	0	1	0	0	3	0	5
4:45 PM	0	0	0	0	0	0	1	1	0	0	1	1	4
5:00 PM	0	0	0	0	0	0	0	1	0	0	2	0	3
5:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	2
5:30 PM	0	1	0	0	0	0	0	2	1	1	1	1	7
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	1	2
TOTAL VOLUMES:	0	3	0	0	1	0	2	5	3	2	7	4	27

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City of Lake Forest
N/S: El Toro Road
E/W: Bridger Road/I-5 Northbound Ramps
Weather: Clear

File Name : 394_LKF_El Toro_5N AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				I-5 Northbound Ramps Westbound				El Toro Road Northbound				Bridger Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	362	17	379	61	7	48	116	7	137	112	256	3	0	25	28	779
07:15 AM	0	397	7	404	66	5	64	135	8	178	185	371	5	1	20	26	936
07:30 AM	0	471	18	489	59	7	44	110	5	198	196	399	4	1	25	30	1028
07:45 AM	0	424	7	431	99	4	72	175	8	189	187	384	3	1	20	24	1014
Total	0	1654	49	1703	285	23	228	536	28	702	680	1410	15	3	90	108	3757
08:00 AM	0	434	14	448	83	6	83	172	9	250	164	423	2	1	14	17	1060
08:15 AM	0	439	19	458	97	9	82	188	10	204	138	352	5	0	29	34	1032
08:30 AM	0	489	18	507	82	7	69	158	10	191	161	362	3	0	21	24	1051
08:45 AM	0	402	29	431	108	5	91	204	12	228	120	360	4	0	35	39	1034
Total	0	1764	80	1844	370	27	325	722	41	873	583	1497	14	1	99	114	4177
Grand Total	0	3418	129	3547	655	50	553	1258	69	1575	1263	2907	29	4	189	222	7934
Apprch %	0	96.4	3.6		52.1	4	44		2.4	54.2	43.4		13.1	1.8	85.1		
Total %	0	43.1	1.6	44.7	8.3	0.6	7	15.9	0.9	19.9	15.9	36.6	0.4	0.1	2.4	2.8	

	El Toro Road Southbound				I-5 Northbound Ramps Westbound				El Toro Road Northbound				Bridger Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	434	14	448	83	6	83	172	9	**250**	**164**	**423**	2	**1**	14	17	**1060**
08:15 AM	0	439	19	458	97	**9**	82	188	10	204	138	352	**5**	0	29	34	1032
08:30 AM	0	**489**	18	**507**	82	7	69	158	10	191	161	362	3	0	21	24	1051
08:45 AM	0	402	**29**	431	**108**	5	**91**	**204**	**12**	228	120	360	4	0	**35**	**39**	1034
Total Volume	0	1764	80	1844	370	27	325	722	41	873	583	1497	14	1	99	114	4177
% App. Total	0	95.7	4.3		51.2	3.7	45		2.7	58.3	38.9		12.3	0.9	86.8		
PHF	.000	.902	.690	.909	.856	.750	.893	.885	.854	.873	.889	.885	.700	.250	.707	.731	.985

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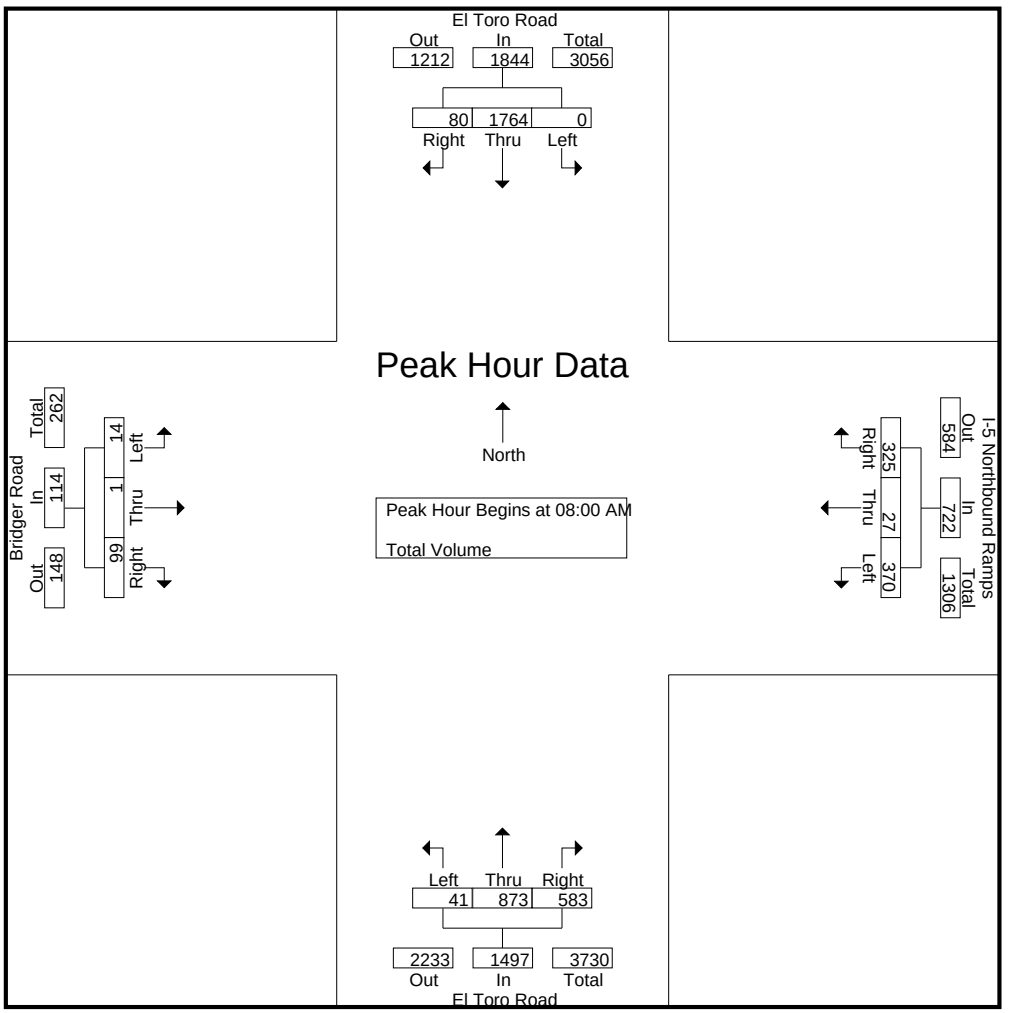
City of Lake Forest
N/S: El Toro Road
E/W: Bridger Road/I-5 Northbound Ramps
Weather: Clear

File Name : 394_LKF_El Toro_5N AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:15 AM				08:00 AM			
+0 mins.	0	424	7	431	83	6	83	172	8	178	185	371	2	**1**	14	17
+15 mins.	0	434	14	448	97	**9**	82	188	5	198	**196**	399	**5**	0	29	34
+30 mins.	0	439	**19**	458	82	7	69	158	8	189	187	384	3	0	21	24
+45 mins.	0	**489**	18	**507**	**108**	5	**91**	**204**	**9**	**250**	164	**423**	4	0	**35**	**39**
Total Volume	0	1786	58	1844	370	27	325	722	30	815	732	1577	14	1	99	114
% App. Total	0	96.9	3.1		51.2	3.7	45		1.9	51.7	46.4		12.3	0.9	86.8	
PHF	.000	.913	.763	.909	.856	.750	.893	.885	.833	.815	.934	.932	.700	.250	.707	.731

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City of Lake Forest
N/S: El Toro Road
E/W: Bridger Road/I-5 Northbound Ramps
Weather: Clear

File Name : 394_LKF_El Toro_5N PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				I-5 Northbound Ramps Westbound				El Toro Road Northbound				Bridger Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	394	20	414	95	2	139	236	7	356	193	556	7	1	20	28	1234
04:15 PM	0	396	22	418	104	8	143	255	8	334	181	523	7	1	34	42	1238
04:30 PM	0	384	19	403	103	7	139	249	9	316	214	539	14	1	24	39	1230
04:45 PM	0	371	18	389	97	7	140	244	7	333	184	524	15	0	34	49	1206
Total	0	1545	79	1624	399	24	561	984	31	1339	772	2142	43	3	112	158	4908
05:00 PM	0	413	24	437	95	4	147	246	5	364	225	594	18	0	35	53	1330
05:15 PM	0	441	16	457	106	2	146	254	16	376	211	603	14	2	22	38	1352
05:30 PM	0	395	21	416	85	9	152	246	14	358	177	549	9	2	28	39	1250
05:45 PM	0	415	14	429	78	6	140	224	9	354	150	513	8	3	32	43	1209
Total	0	1664	75	1739	364	21	585	970	44	1452	763	2259	49	7	117	173	5141
Grand Total	0	3209	154	3363	763	45	1146	1954	75	2791	1535	4401	92	10	229	331	10049
Apprch %	0	95.4	4.6		39	2.3	58.6		1.7	63.4	34.9		27.8	3	69.2		
Total %	0	31.9	1.5	33.5	7.6	0.4	11.4	19.4	0.7	27.8	15.3	43.8	0.9	0.1	2.3	3.3	

	El Toro Road Southbound				I-5 Northbound Ramps Westbound				El Toro Road Northbound				Bridger Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	413	**24**	437	95	4	147	246	5	364	**225**	594	**18**	0	**35**	**53**	1330
05:15 PM	0	**441**	16	**457**	**106**	2	146	**254**	**16**	**376**	211	**603**	14	2	22	38	**1352**
05:30 PM	0	395	21	416	85	**9**	**152**	246	14	358	177	549	9	2	28	39	1250
05:45 PM	0	415	14	429	78	6	140	224	9	354	150	513	8	**3**	32	43	1209
Total Volume	0	1664	75	1739	364	21	585	970	44	1452	763	2259	49	7	117	173	5141
% App. Total	0	95.7	4.3		37.5	2.2	60.3		1.9	64.3	33.8		28.3	4	67.6		
PHF	.000	.943	.781	.951	.858	.583	.962	.955	.688	.965	.848	.937	.681	.583	.836	.816	.951

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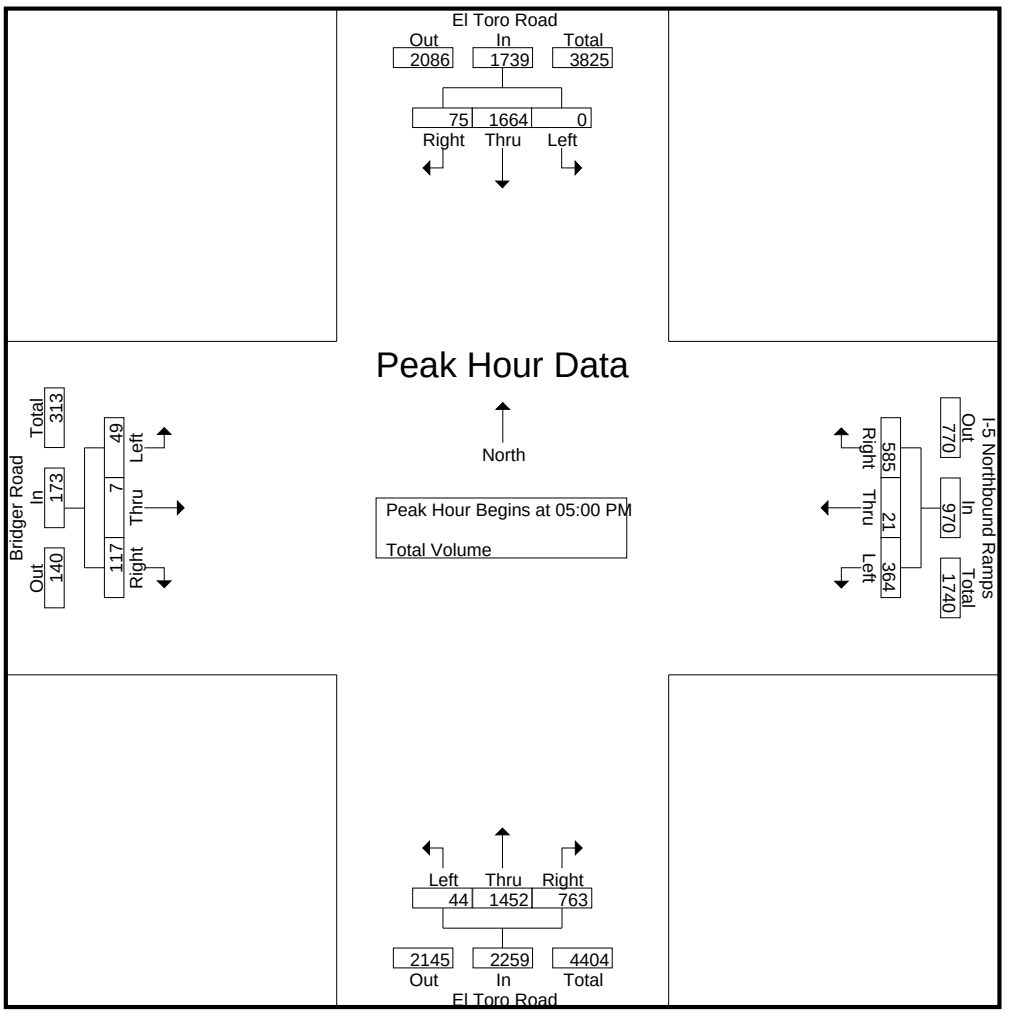
City of Lake Forest
N/S: El Toro Road
E/W: Bridger Road/I-5 Northbound Ramps
Weather: Clear

File Name : 394_LKF_El Toro_5N PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				04:45 PM				04:15 PM			
+0 mins.	0	413	**24**	437	**104**	**8**	143	**255**	7	333	184	524	7	**1**	34	42
+15 mins.	0	**441**	16	**457**	103	7	139	249	5	364	**225**	594	14	1	24	39
+30 mins.	0	395	21	416	97	7	140	244	**16**	**376**	211	**603**	15	0	34	49
+45 mins.	0	415	14	429	95	4	**147**	246	14	358	177	549	**18**	0	**35**	**53**
Total Volume	0	1664	75	1739	399	26	569	994	42	1431	797	2270	54	2	127	183
% App. Total	0	95.7	4.3		40.1	2.6	57.2		1.9	63	35.1		29.5	1.1	69.4	
PHF	.000	.943	.781	.951	.959	.813	.968	.975	.656	.951	.886	.941	.750	.500	.907	.863

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City of Laguna Hills
N/S: El Toro Road
E/W: Avenida De La Carlota
Weather: Clear

File Name : 396_LHS_El T_ADL Car AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Avenida De La Carlota Westbound				El Toro Road Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	154	101	268	3	8	59	70	0	161	5	166	94	30	12	136	640
07:15 AM	11	169	110	290	4	17	84	105	0	193	1	194	149	44	15	208	797
07:30 AM	17	196	133	346	3	14	83	100	0	249	1	250	155	45	19	219	915
07:45 AM	17	218	119	354	4	28	102	134	0	233	4	237	138	40	16	194	919
Total	58	737	463	1258	14	67	328	409	0	836	11	847	536	159	62	757	3271
08:00 AM	20	213	130	363	3	11	75	89	0	207	10	217	172	46	18	236	905
08:15 AM	22	232	147	401	7	6	63	76	0	236	6	242	150	52	13	215	934
08:30 AM	26	233	158	417	8	23	67	98	0	204	8	212	148	49	7	204	931
08:45 AM	21	247	141	409	11	19	52	82	0	275	11	286	144	49	20	213	990
Total	89	925	576	1590	29	59	257	345	0	922	35	957	614	196	58	868	3760
Grand Total	147	1662	1039	2848	43	126	585	754	0	1758	46	1804	1150	355	120	1625	7031
Apprch %	5.2	58.4	36.5		5.7	16.7	77.6		0	97.5	2.5		70.8	21.8	7.4		
Total %	2.1	23.6	14.8	40.5	0.6	1.8	8.3	10.7	0	25	0.7	25.7	16.4	5	1.7	23.1	

	El Toro Road Southbound				Avenida De La Carlota Westbound				El Toro Road Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	20	213	130	363	3	11	**75**	89	0	207	10	217	**172**	46	18	**236**	905
08:15 AM	22	232	147	401	7	6	63	76	0	236	6	242	150	**52**	13	215	934
08:30 AM	**26**	233	**158**	**417**	8	**23**	67	**98**	0	204	8	212	148	49	7	204	931
08:45 AM	21	**247**	141	409	**11**	19	52	82	0	**275**	**11**	**286**	144	49	**20**	213	**990**
Total Volume	89	925	576	1590	29	59	257	345	0	922	35	957	614	196	58	868	3760
% App. Total	5.6	58.2	36.2		8.4	17.1	74.5		0	96.3	3.7		70.7	22.6	6.7		
PHF	.856	.936	.911	.953	.659	.641	.857	.880	.000	.838	.795	.837	.892	.942	.725	.919	.949

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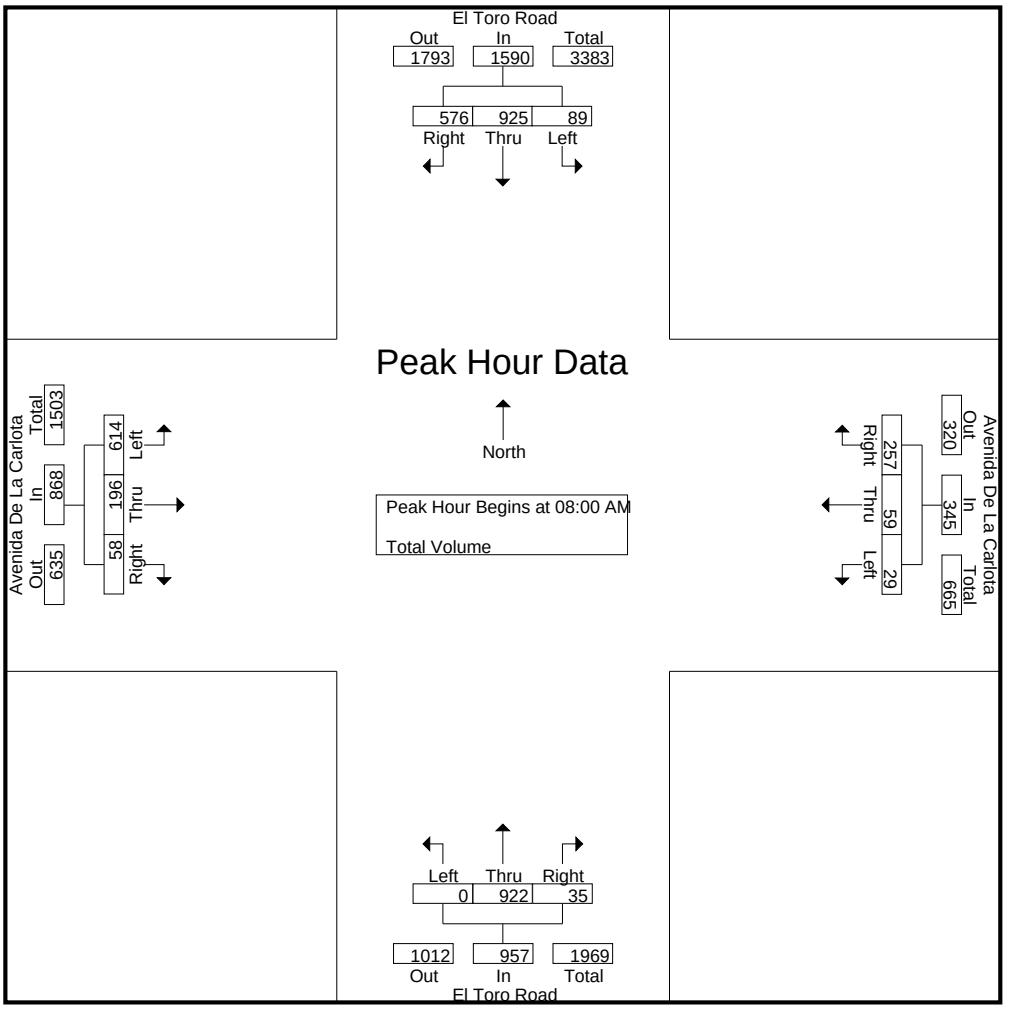
City of Laguna Hills
N/S: El Toro Road
E/W: Avenida De La Carlota
Weather: Clear

File Name : 396_LHS_El T_ADL Car AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:00 AM				07:15 AM				08:00 AM				08:00 AM			
+0 mins.	20	213	130	363	**4**	17	84	105	0	207	10	217	**172**	46	18	**236**
+15 mins.	22	232	147	401	3	14	83	100	0	236	6	242	150	**52**	13	215
+30 mins.	**26**	233	**158**	**417**	4	**28**	**102**	**134**	0	204	8	212	148	49	7	204
+45 mins.	21	**247**	141	409	3	11	75	89	0	**275**	**11**	**286**	144	49	**20**	213
Total Volume	89	925	576	1590	14	70	344	428	0	922	35	957	614	196	58	868
% App. Total	5.6	58.2	36.2		3.3	16.4	80.4		0	96.3	3.7		70.7	22.6	6.7	
PHF	.856	.936	.911	.953	.875	.625	.843	.799	.000	.838	.795	.837	.892	.942	.725	.919

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City of Laguna Woods
N/S: El Toro Road
E/W: Avenida De La Carlota
Weather: Clear

File Name : 396_LHS_El T_ADL Car PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Avenida De La Carlota Westbound				El Toro Road Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	46	205	117	368	8	20	92	120	0	399	11	410	185	108	13	306	1204
04:15 PM	49	213	119	381	10	15	91	116	0	365	11	376	171	111	25	307	1180
04:30 PM	56	194	136	386	15	20	96	131	0	405	15	420	135	120	22	277	1214
04:45 PM	55	200	117	372	12	16	86	114	0	387	13	400	166	114	18	298	1184
Total	206	812	489	1507	45	71	365	481	0	1556	50	1606	657	453	78	1188	4782
05:00 PM	49	222	136	407	7	22	119	148	0	414	12	426	191	108	14	313	1294
05:15 PM	55	211	146	412	10	17	101	128	0	389	18	407	208	121	24	353	1300
05:30 PM	54	190	137	381	7	16	91	114	0	395	14	409	184	117	18	319	1223
05:45 PM	50	206	132	388	9	18	83	110	0	318	19	337	195	115	18	328	1163
Total	208	829	551	1588	33	73	394	500	0	1516	63	1579	778	461	74	1313	4980
Grand Total	414	1641	1040	3095	78	144	759	981	0	3072	113	3185	1435	914	152	2501	9762
Apprch %	13.4	53	33.6		8	14.7	77.4		0	96.5	3.5		57.4	36.5	6.1		
Total %	4.2	16.8	10.7	31.7	0.8	1.5	7.8	10	0	31.5	1.2	32.6	14.7	9.4	1.6	25.6	

	El Toro Road Southbound				Avenida De La Carlota Westbound				El Toro Road Northbound				Avenida De La Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**55**	200	117	372	**12**	16	86	114	0	387	13	400	166	114	18	298	1184
05:00 PM	49	**222**	136	407	7	**22**	**119**	**148**	0	**414**	12	**426**	191	108	14	313	1294
05:15 PM	55	211	**146**	**412**	10	17	101	128	0	389	**18**	407	**208**	**121**	**24**	**353**	**1300**
05:30 PM	54	190	137	381	7	16	91	114	0	395	14	409	184	117	18	319	1223
Total Volume	213	823	536	1572	36	71	397	504	0	1585	57	1642	749	460	74	1283	5001
% App. Total	13.5	52.4	34.1		7.1	14.1	78.8		0	96.5	3.5		58.4	35.9	5.8		
PHF	.968	.927	.918	.954	.750	.807	.834	.851	.000	.957	.792	.964	.900	.950	.771	.909	.962

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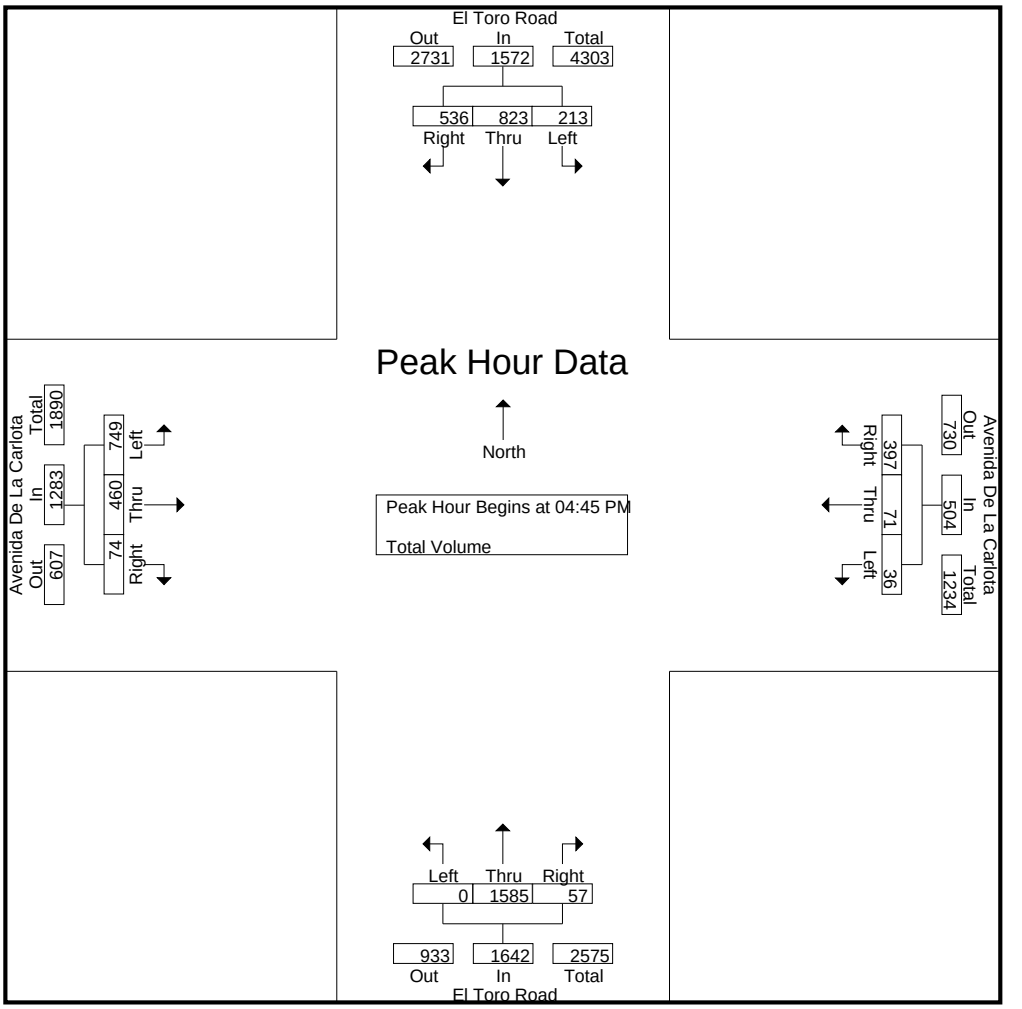
City of Laguna Woods
N/S: El Toro Road
E/W: Avenida De La Carlota
Weather: Clear

File Name : 396_LHS_El T_ADL Car PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				04:30 PM				05:00 PM			
+0 mins.	49	**222**	136	407	**15**	20	96	131	0	405	15	420	191	108	14	313
+15 mins.	**55**	211	**146**	**412**	12	16	86	114	0	387	13	400	**208**	**121**	**24**	**353**
+30 mins.	54	190	137	381	7	**22**	**119**	**148**	0	**414**	12	**426**	184	117	18	319
+45 mins.	50	206	132	388	10	17	101	128	0	389	**18**	407	195	115	18	328
Total Volume	208	829	551	1588	44	75	402	521	0	1595	58	1653	778	461	74	1313
% App. Total	13.1	52.2	34.7		8.4	14.4	77.2		0	96.5	3.5		59.3	35.1	5.6	
PHF	.945	.934	.943	.964	.733	.852	.845	.880	.000	.963	.806	.970	.935	.952	.771	.930

Location: Laguna Hills
N/S: El Toro Road
E/W: Avd De La Carlota

ITAM: 396
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Avd De La Carlota	South Leg El Toro Road	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	0	1	2
7:15 AM	0	0	1	1	2
7:30 AM	0	2	1	0	3
7:45 AM	0	0	1	1	2
8:00 AM	0	0	2	3	5
8:15 AM	0	0	0	0	0
8:30 AM	0	0	2	2	4
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	0	3	7	10	20

	North Leg El Toro Road	East Leg Avd De La Carlota	South Leg El Toro Road	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	1	4	6
4:15 PM	0	0	0	3	3
4:30 PM	1	0	2	3	6
4:45 PM	0	5	4	3	12
5:00 PM	0	2	2	2	6
5:15 PM	0	5	1	7	13
5:30 PM	0	1	0	0	1
5:45 PM	0	1	1	5	7
TOTAL VOLUMES:	1	15	11	27	54

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Location: Laguna Hills
N/S: El Toro Road
E/W: Avd De La Carlota

ITAM: 396
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Avd De La Carlota			Northbound El Toro Road			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:45 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	3	0	0	0	0	0	4	0	0	1	0	8

	Southbound El Toro Road			Westbound Avd De La Carlota			Northbound El Toro Road			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	2	0	0	1	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	3	0	0	0	0	0	0	0	0	0	0	3
TOTAL VOLUMES:	0	5	0	0	3	0	0	3	0	0	1	0	12

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Corona, CA 92878
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PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia
Weather: Clear

File Name : 397_LHS_El T_PdVal AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Paseo De Valencia Westbound				El Toro Road Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	46	89	2	137	15	7	34	56	10	103	13	126	3	77	48	128	447
07:15 AM	53	118	0	171	22	16	62	100	2	122	25	149	6	119	57	182	602
07:30 AM	44	117	4	165	20	19	80	119	8	164	31	203	2	118	59	179	666
07:45 AM	66	147	1	214	40	27	48	115	3	165	37	205	5	149	49	203	737
Total	209	471	7	687	97	69	224	390	23	554	106	683	16	463	213	692	2452
08:00 AM	44	126	3	173	53	19	52	124	12	173	47	232	3	164	56	223	752
08:15 AM	72	153	1	226	36	22	47	105	11	146	52	209	6	141	48	195	735
08:30 AM	51	135	3	189	56	29	53	138	13	161	48	222	2	117	55	174	723
08:45 AM	50	156	6	212	68	28	52	148	22	178	59	259	3	119	51	173	792
Total	217	570	13	800	213	98	204	515	58	658	206	922	14	541	210	765	3002
Grand Total	426	1041	20	1487	310	167	428	905	81	1212	312	1605	30	1004	423	1457	5454
Apprch %	28.6	70	1.3		34.3	18.5	47.3		5	75.5	19.4		2.1	68.9	29		
Total %	7.8	19.1	0.4	27.3	5.7	3.1	7.8	16.6	1.5	22.2	5.7	29.4	0.6	18.4	7.8	26.7	

	El Toro Road Southbound				Paseo De Valencia Westbound				El Toro Road Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	44	126	3	173	53	19	52	124	12	173	47	232	3	**164**	**56**	**223**	752
08:15 AM	**72**	153	1	**226**	36	22	47	105	11	146	52	209	**6**	141	48	195	735
08:30 AM	51	135	3	189	56	**29**	**53**	138	13	161	48	222	2	117	55	174	723
08:45 AM	50	**156**	**6**	212	**68**	28	52	**148**	**22**	**178**	**59**	**259**	3	119	51	173	**792**
Total Volume	217	570	13	800	213	98	204	515	58	658	206	922	14	541	210	765	3002
% App. Total	27.1	71.2	1.6		41.4	19	39.6		6.3	71.4	22.3		1.8	70.7	27.5		
PHF	.753	.913	.542	.885	.783	.845	.962	.870	.659	.924	.873	.890	.583	.825	.938	.858	.948

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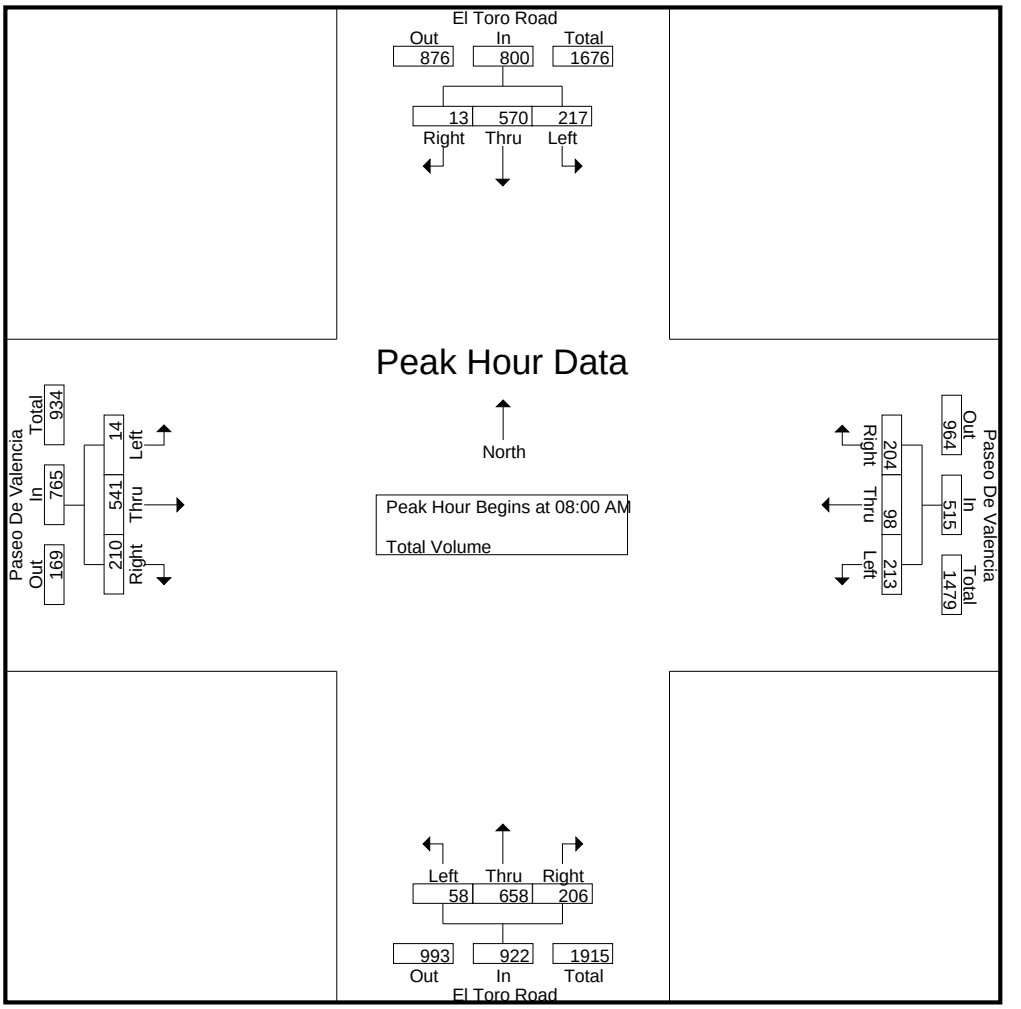
City of Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia
Weather: Clear

File Name : 397_LHS_El T_PdVal AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				08:00 AM				07:30 AM			
+0 mins.	66	147	1	214	53	19	52	124	12	173	47	232	2	118	**59**	179
+15 mins.	44	126	**3**	173	36	22	47	105	11	146	52	209	5	149	49	203
+30 mins.	**72**	**153**	1	**226**	56	**29**	**53**	138	13	161	48	222	3	**164**	56	**223**
+45 mins.	51	135	3	189	**68**	28	52	**148**	**22**	**178**	**59**	**259**	**6**	141	48	195
Total Volume	233	561	8	802	213	98	204	515	58	658	206	922	16	572	212	800
% App. Total	29.1	70	1		41.4	19	39.6		6.3	71.4	22.3		2	71.5	26.5	
PHF	.809	.917	.667	.887	.783	.845	.962	.870	.659	.924	.873	.890	.667	.872	.898	.897

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City of Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia
Weather: Clear

File Name : 397_LHS_El T_PdVal PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Paseo De Valencia Westbound				El Toro Road Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	61	149	3	213	92	44	96	232	28	260	53	341	7	84	42	133	919
04:15 PM	66	158	5	229	83	45	94	222	23	208	46	277	18	104	47	169	897
04:30 PM	37	160	4	201	84	38	97	219	13	234	52	299	7	99	34	140	859
04:45 PM	45	152	7	204	69	34	98	201	22	197	57	276	11	91	30	132	813
Total	209	619	19	847	328	161	385	874	86	899	208	1193	43	378	153	574	3488
05:00 PM	62	163	13	238	77	37	106	220	25	232	34	291	8	93	43	144	893
05:15 PM	47	164	6	217	72	33	87	192	30	230	36	296	7	93	35	135	840
05:30 PM	46	151	7	204	71	25	91	187	31	262	38	331	9	97	29	135	857
05:45 PM	45	146	5	196	51	38	80	169	14	193	45	252	7	129	42	178	795
Total	200	624	31	855	271	133	364	768	100	917	153	1170	31	412	149	592	3385
Grand Total	409	1243	50	1702	599	294	749	1642	186	1816	361	2363	74	790	302	1166	6873
Apprch %	24	73	2.9		36.5	17.9	45.6		7.9	76.9	15.3		6.3	67.8	25.9		
Total %	6	18.1	0.7	24.8	8.7	4.3	10.9	23.9	2.7	26.4	5.3	34.4	1.1	11.5	4.4	17	

	El Toro Road Southbound				Paseo De Valencia Westbound				El Toro Road Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	61	149	3	213	**92**	44	96	**232**	**28**	**260**	53	**341**	7	84	42	133	**919**
04:15 PM	**66**	158	5	**229**	83	**45**	94	222	23	208	46	277	**18**	**104**	**47**	**169**	897
04:30 PM	37	**160**	4	201	84	38	97	219	13	234	52	299	7	99	34	140	859
04:45 PM	45	152	**7**	204	69	34	**98**	201	22	197	**57**	276	11	91	30	132	813
Total Volume	209	619	19	847	328	161	385	874	86	899	208	1193	43	378	153	574	3488
% App. Total	24.7	73.1	2.2		37.5	18.4	44.1		7.2	75.4	17.4		7.5	65.9	26.7		
PHF	.792	.967	.679	.925	.891	.894	.982	.942	.768	.864	.912	.875	.597	.909	.814	.849	.949

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City of Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia
Weather: Clear

File Name : 397_LHS_El T_PdVal PM
Site Code : 05124139
Start Date : 2/13/2024
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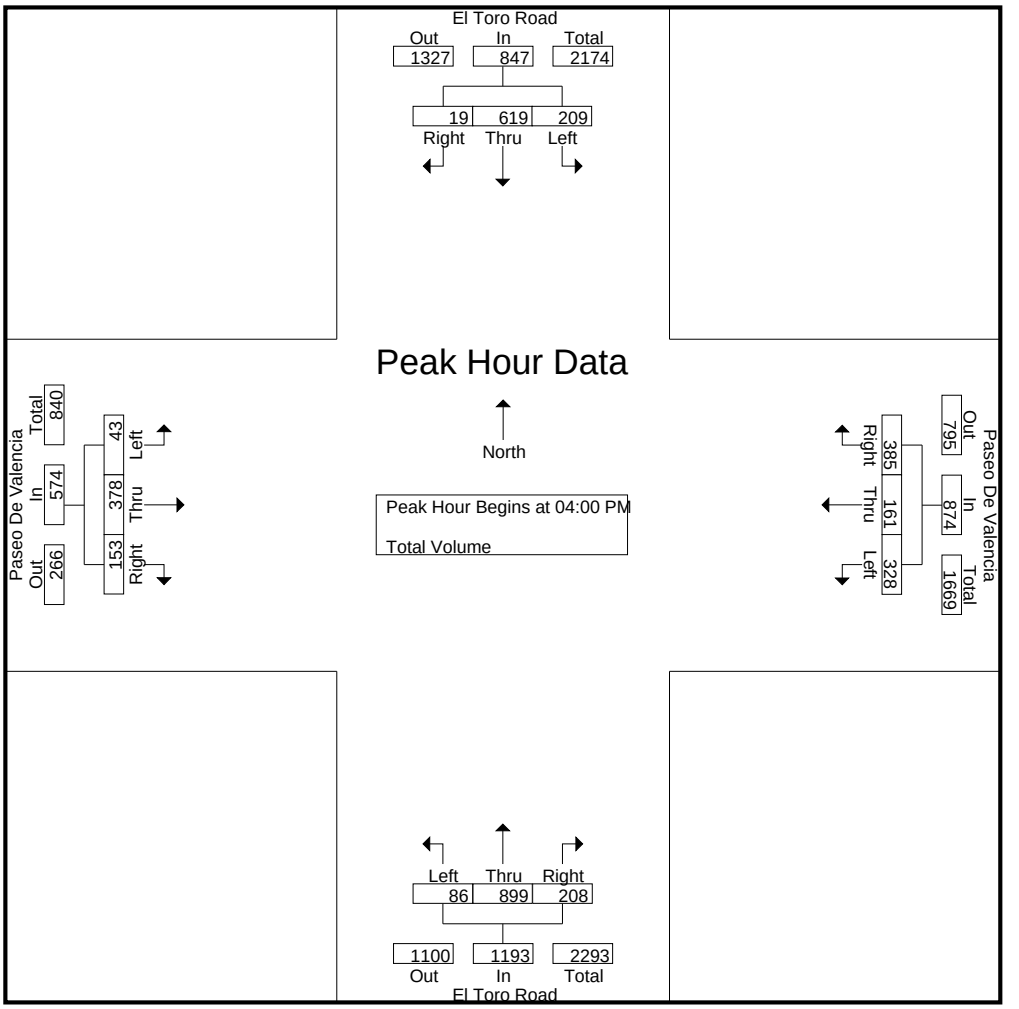

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	**66**	158	5	229	**92**	44	96	**232**	22	197	**57**	276	8	93	**43**	144
+15 mins.	37	160	4	201	83	**45**	94	222	25	232	34	291	7	93	35	135
+30 mins.	45	152	7	204	84	38	97	219	30	230	36	296	**9**	97	29	135
+45 mins.	62	**163**	**13**	**238**	69	34	**98**	201	**31**	**262**	38	**331**	7	**129**	42	**178**
Total Volume	210	633	29	872	328	161	385	874	108	921	165	1194	31	412	149	592
% App. Total	24.1	72.6	3.3		37.5	18.4	44.1		9	77.1	13.8		5.2	69.6	25.2	
PHF	.795	.971	.558	.916	.891	.894	.982	.942	.871	.879	.724	.902	.861	.798	.866	.831

Location: Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia

ITAM: 397
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Paseo De Valencia	South Leg El Toro Road	West Leg Paseo De Valencia	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	9	0	0	10
7:15 AM	0	8	0	0	8
7:30 AM	2	14	0	0	16
7:45 AM	0	4	1	1	6
8:00 AM	0	4	3	0	7
8:15 AM	0	1	1	0	2
8:30 AM	0	5	1	0	6
8:45 AM	0	1	2	1	4
TOTAL VOLUMES:	3	46	8	2	59

	North Leg El Toro Road	East Leg Paseo De Valencia	South Leg El Toro Road	West Leg Paseo De Valencia	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	11	3	0	14
4:15 PM	1	0	3	2	6
4:30 PM	2	2	4	2	10
4:45 PM	0	2	0	0	2
5:00 PM	1	6	2	1	10
5:15 PM	3	4	0	0	7
5:30 PM	2	5	0	0	7
5:45 PM	1	2	0	0	3
TOTAL VOLUMES:	10	32	12	5	59

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Location: Laguna Hills
N/S: El Toro Road
E/W: Paseo De Valencia

ITAM: 397
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Paseo De Valencia			Northbound El Toro Road			Eastbound Paseo De Valencia			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	2	1	0	1	0	0	0	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	2	0	0	2	1	0	4	0	0	0	0	9

	Southbound El Toro Road			Westbound Paseo De Valencia			Northbound El Toro Road			Eastbound Paseo De Valencia			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	1	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	1	0	1	0	0	1	0	0	0	0	3
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	1	1	0	3	0	0	4	0	0	0	0	10

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City of Laguna Woods
N/S: El Toro Road
E/W: Moulton Parkway
Weather: Clear

File Name : 398_LWS_El T_Moul AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Moulton Parkway Westbound				El Toro Road Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	54	104	18	176	48	123	45	216	39	44	34	117	18	79	24	121	630
07:15 AM	69	126	23	218	52	200	60	312	53	77	25	155	20	114	30	164	849
07:30 AM	47	102	37	186	62	246	57	365	58	109	17	184	24	114	32	170	905
07:45 AM	49	172	51	272	65	324	76	465	57	99	36	192	33	132	60	225	1154
Total	219	504	129	852	227	893	238	1358	207	329	112	648	95	439	146	680	3538
08:00 AM	55	143	42	240	59	376	65	500	72	135	49	256	37	165	53	255	1251
08:15 AM	71	141	57	269	49	332	65	446	71	127	46	244	50	160	53	263	1222
08:30 AM	55	143	53	251	54	303	65	422	58	144	53	255	41	120	58	219	1147
08:45 AM	61	149	59	269	60	272	61	393	65	147	44	256	49	119	53	221	1139
Total	242	576	211	1029	222	1283	256	1761	266	553	192	1011	177	564	217	958	4759
Grand Total	461	1080	340	1881	449	2176	494	3119	473	882	304	1659	272	1003	363	1638	8297
Apprch %	24.5	57.4	18.1		14.4	69.8	15.8		28.5	53.2	18.3		16.6	61.2	22.2		
Total %	5.6	13	4.1	22.7	5.4	26.2	6	37.6	5.7	10.6	3.7	20	3.3	12.1	4.4	19.7	

	El Toro Road Southbound				Moulton Parkway Westbound				El Toro Road Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	49	**172**	51	**272**	**65**	324	**76**	465	57	99	36	192	33	132	**60**	225	1154
08:00 AM	55	143	42	240	59	**376**	65	**500**	**72**	135	49	**256**	37	**165**	53	255	**1251**
08:15 AM	**71**	141	**57**	269	49	332	65	446	71	127	46	244	**50**	160	53	**263**	1222
08:30 AM	55	143	53	251	54	303	65	422	58	**144**	**53**	255	41	120	58	219	1147
Total Volume	230	599	203	1032	227	1335	271	1833	258	505	184	947	161	577	224	962	4774
% App. Total	22.3	58	19.7		12.4	72.8	14.8		27.2	53.3	19.4		16.7	60	23.3		
PHF	.810	.871	.890	.949	.873	.888	.891	.917	.896	.877	.868	.925	.805	.874	.933	.914	.954

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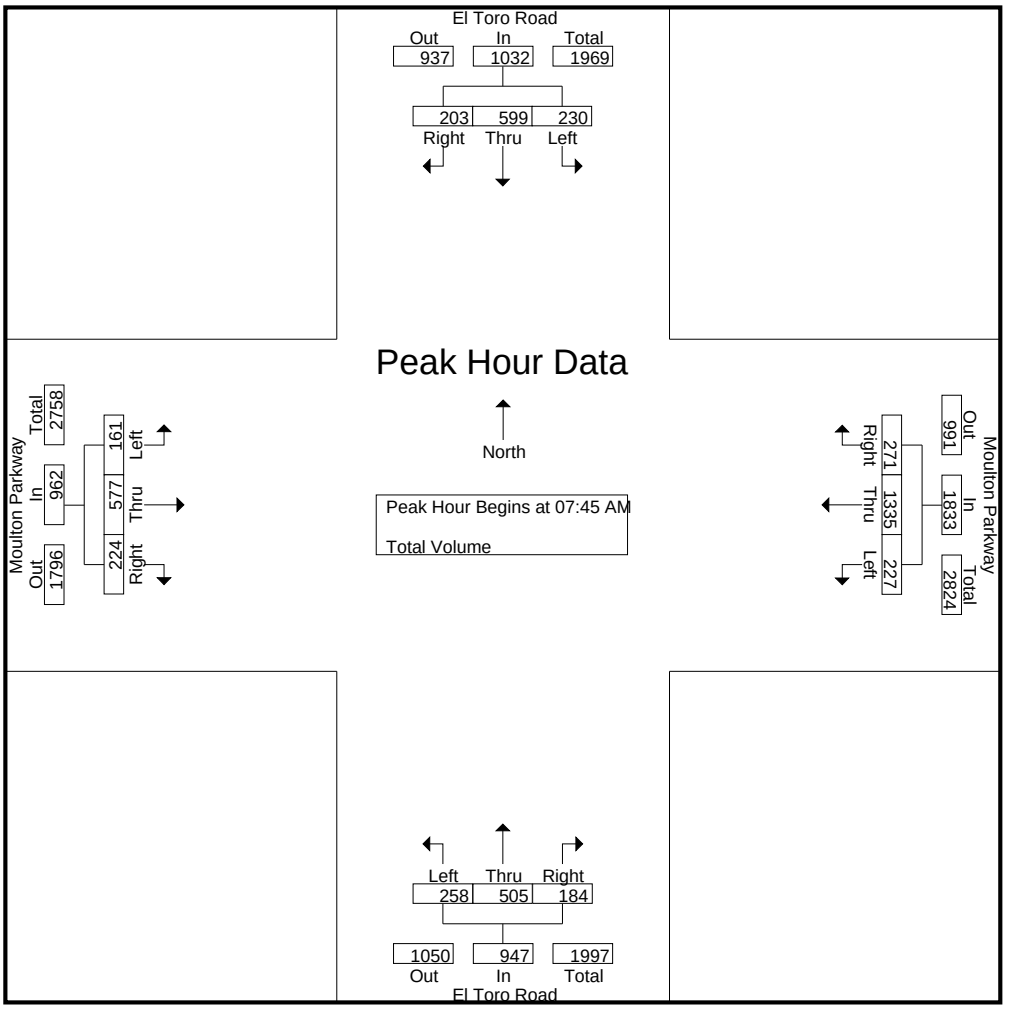
City of Laguna Woods
N/S: El Toro Road
E/W: Moulton Parkway
Weather: Clear

File Name : 398_LWS_El T_Moul AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	49	**172**	51	**272**	**65**	324	**76**	465	**72**	135	49	**256**	33	132	**60**	225
+15 mins.	55	143	42	240	59	**376**	65	**500**	71	127	46	244	37	**165**	53	255
+30 mins.	**71**	141	**57**	269	49	332	65	446	58	144	**53**	255	**50**	160	53	**263**
+45 mins.	55	143	53	251	54	303	65	422	65	**147**	44	256	41	120	58	219
Total Volume	230	599	203	1032	227	1335	271	1833	266	553	192	1011	161	577	224	962
% App. Total	22.3	58	19.7		12.4	72.8	14.8		26.3	54.7	19		16.7	60	23.3	
PHF	.810	.871	.890	.949	.873	.888	.891	.917	.924	.940	.906	.987	.805	.874	.933	.914

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City of Laguna Woods
N/S: El Toro Road
E/W: Moulton Parkway
Weather: Clear

File Name : 398_LWS_El T_Moul PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Moulton Parkway Westbound				El Toro Road Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	72	142	64	278	87	206	78	371	76	150	57	283	72	303	77	452	1384
04:15 PM	52	131	46	229	72	164	54	290	69	185	66	320	68	352	84	504	1343
04:30 PM	82	167	60	309	50	160	65	275	45	166	64	275	78	282	82	442	1301
04:45 PM	64	116	34	214	60	155	60	275	63	157	58	278	79	396	75	550	1317
Total	270	556	204	1030	269	685	257	1211	253	658	245	1156	297	1333	318	1948	5345
05:00 PM	75	181	57	313	48	130	60	238	82	176	77	335	69	362	85	516	1402
05:15 PM	54	133	50	237	53	172	81	306	62	189	59	310	70	434	86	590	1443
05:30 PM	59	153	42	254	44	132	70	246	57	166	50	273	74	349	81	504	1277
05:45 PM	69	116	45	230	52	174	56	282	48	140	51	239	63	306	87	456	1207
Total	257	583	194	1034	197	608	267	1072	249	671	237	1157	276	1451	339	2066	5329
Grand Total	527	1139	398	2064	466	1293	524	2283	502	1329	482	2313	573	2784	657	4014	10674
Apprch %	25.5	55.2	19.3		20.4	56.6	23		21.7	57.5	20.8		14.3	69.4	16.4		
Total %	4.9	10.7	3.7	19.3	4.4	12.1	4.9	21.4	4.7	12.5	4.5	21.7	5.4	26.1	6.2	37.6	

	El Toro Road Southbound				Moulton Parkway Westbound				El Toro Road Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**82**	167	**60**	309	50	160	65	275	45	166	64	275	78	282	82	442	1301
04:45 PM	64	116	34	214	**60**	155	60	275	63	157	58	278	**79**	396	75	550	1317
05:00 PM	75	**181**	57	**313**	48	130	60	238	**82**	176	**77**	**335**	69	362	85	516	1402
05:15 PM	54	133	50	237	53	**172**	**81**	**306**	62	**189**	59	310	70	**434**	**86**	**590**	**1443**
Total Volume	275	597	201	1073	211	617	266	1094	252	688	258	1198	296	1474	328	2098	5463
% App. Total	25.6	55.6	18.7		19.3	56.4	24.3		21	57.4	21.5		14.1	70.3	15.6		
PHF	.838	.825	.838	.857	.879	.897	.821	.894	.768	.910	.838	.894	.937	.849	.953	.889	.946

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City of Laguna Woods
N/S: El Toro Road
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File Name : 398_LWS_El T_Moul PM
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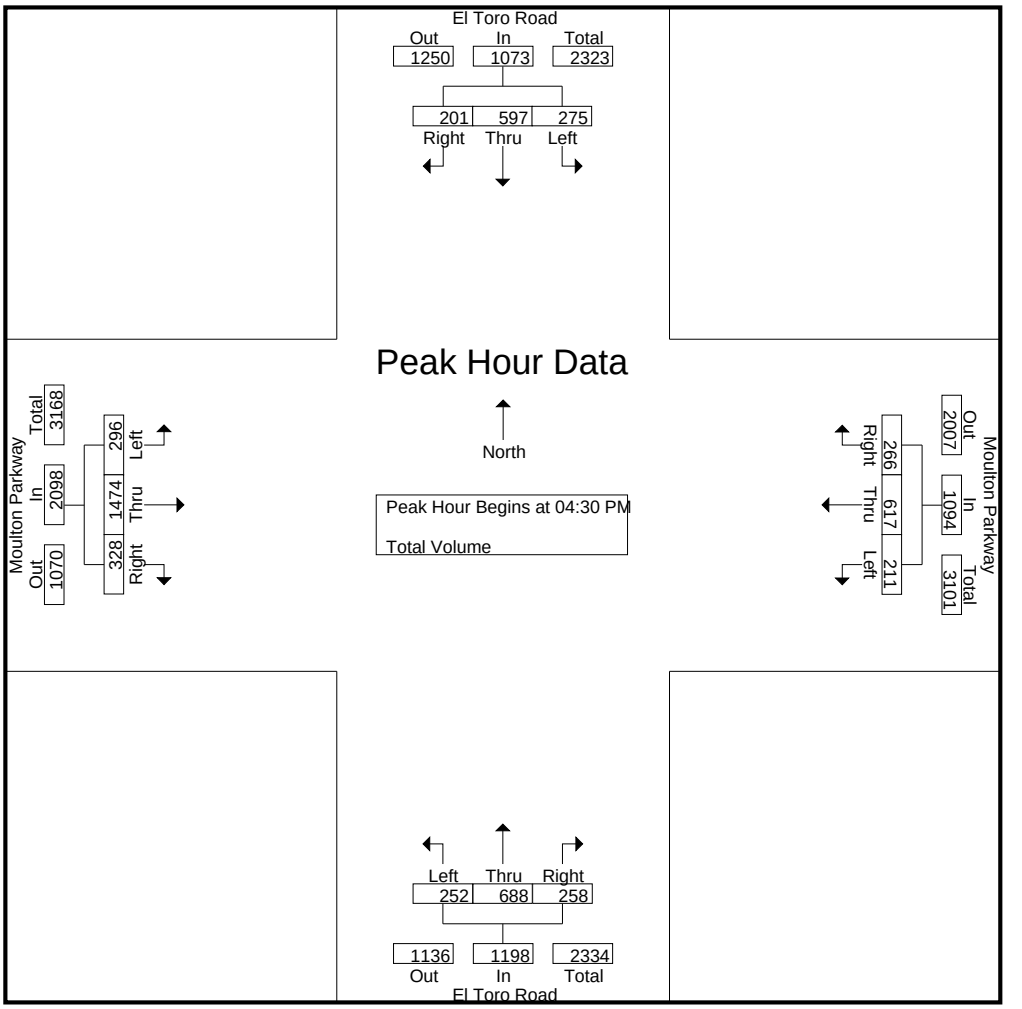

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				04:15 PM				04:45 PM			
+0 mins.	**82**	167	**60**	309	**87**	**206**	**78**	**371**	69	**185**	66	320	**79**	396	75	550
+15 mins.	64	116	34	214	72	164	54	290	45	166	64	275	69	362	85	516
+30 mins.	75	**181**	57	**313**	50	160	65	275	63	157	58	278	70	**434**	**86**	**590**
+45 mins.	54	133	50	237	60	155	60	275	**82**	176	**77**	**335**	74	349	81	504
Total Volume	275	597	201	1073	269	685	257	1211	259	684	265	1208	292	1541	327	2160
% App. Total	25.6	55.6	18.7		22.2	56.6	21.2		21.4	56.6	21.9		13.5	71.3	15.1	
PHF	.838	.825	.838	.857	.773	.831	.824	.816	.790	.924	.860	.901	.924	.888	.951	.915

Location: Laguna Hills
N/S: El Toro Road
E/W: Moulton Parkway

ITAM: 398
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road Pedestrians	East Leg Moulton Parkway Pedestrians	South Leg El Toro Road Pedestrians	West Leg Moulton Parkway Pedestrians	
7:00 AM	1	1	2	0	4
7:15 AM	1	0	1	1	3
7:30 AM	0	0	0	1	1
7:45 AM	1	0	2	4	7
8:00 AM	0	2	2	1	5
8:15 AM	1	1	3	0	5
8:30 AM	0	4	0	0	4
8:45 AM	0	4	6	0	10
TOTAL VOLUMES:	4	12	16	7	39

	North Leg El Toro Road Pedestrians	East Leg Moulton Parkway Pedestrians	South Leg El Toro Road Pedestrians	West Leg Moulton Parkway Pedestrians	
4:00 PM	1	0	1	1	3
4:15 PM	0	3	3	1	7
4:30 PM	3	4	1	0	8
4:45 PM	4	2	2	1	9
5:00 PM	2	1	0	0	3
5:15 PM	3	0	0	1	4
5:30 PM	0	1	1	0	2
5:45 PM	0	1	0	0	1
TOTAL VOLUMES:	13	12	8	4	37

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Location: Laguna Hills
N/S: El Toro Road
E/W: Moulton Parkway

ITAM: 398
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Moulton Parkway			Northbound El Toro Road			Eastbound Moulton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	1	1	0	0	1	0	3
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
8:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	2	0	0	1	0	0	1	0	4
8:30 AM	0	1	0	0	0	0	0	1	0	0	2	0	4
8:45 AM	0	0	0	0	1	0	0	2	0	0	0	0	3
TOTAL VOLUMES:	0	1	0	0	6	0	1	7	0	0	4	0	19

	Southbound El Toro Road			Westbound Moulton Parkway			Northbound El Toro Road			Eastbound Moulton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	0	1	0	0	2	0	4
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
5:00 PM	0	2	0	0	0	0	0	1	0	0	1	1	5
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
TOTAL VOLUMES:	0	3	0	0	2	0	0	2	1	0	6	1	15

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City of Laguna Woods
N/S: El Toro Road
E/W: Aliso Creek Road
Weather: Clear

File Name : 399_LWS_El T_AC AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Aliso Creek Road Westbound				El Toro Road Northbound				Woods End Trail- Gated Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	91	0	99	292	0	13	305	0	32	98	130	0	0	0	0	534
07:15 AM	17	139	0	156	324	0	6	330	0	48	114	162	0	0	0	0	648
07:30 AM	11	156	0	167	341	0	14	355	0	56	113	169	0	0	0	0	691
07:45 AM	12	159	0	171	340	0	10	350	0	85	145	230	0	0	0	0	751
Total	48	545	0	593	1297	0	43	1340	0	221	470	691	0	0	0	0	2624
08:00 AM	16	150	0	166	289	0	6	295	0	85	178	263	0	0	0	0	724
08:15 AM	17	158	0	175	354	0	10	364	0	100	179	279	0	0	0	0	818
08:30 AM	25	161	0	186	266	0	24	290	0	92	161	253	0	0	0	0	729
08:45 AM	22	143	0	165	252	0	19	271	0	103	196	299	0	0	0	0	735
Total	80	612	0	692	1161	0	59	1220	0	380	714	1094	0	0	0	0	3006
Grand Total	128	1157	0	1285	2458	0	102	2560	0	601	1184	1785	0	0	0	0	5630
Apprch %	10	90	0		96	0	4		0	33.7	66.3		0	0	0		
Total %	2.3	20.6	0	22.8	43.7	0	1.8	45.5	0	10.7	21	31.7	0	0	0	0	

	El Toro Road Southbound				Aliso Creek Road Westbound				El Toro Road Northbound				Woods End Trail- Gated Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	12	159	0	171	340	0	10	350	0	85	145	230	0	0	0	0	751
08:00 AM	16	150	0	166	289	0	6	295	0	85	178	263	0	0	0	0	724
08:15 AM	17	158	0	175	**354**	0	10	**364**	0	**100**	**179**	**279**	0	0	0	0	**818**
08:30 AM	**25**	**161**	0	**186**	266	0	**24**	290	0	92	161	253	0	0	0	0	729
Total Volume	70	628	0	698	1249	0	50	1299	0	362	663	1025	0	0	0	0	3022
% App. Total	10	90	0		96.2	0	3.8		0	35.3	64.7		0	0	0		
PHF	.700	.975	.000	.938	.882	.000	.521	.892	.000	.905	.926	.918	.000	.000	.000	.000	.924

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City of Laguna Woods
N/S: El Toro Road
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File Name : 399_LWS_El T_AC AM
Site Code : 05124139
Start Date : 2/13/2024
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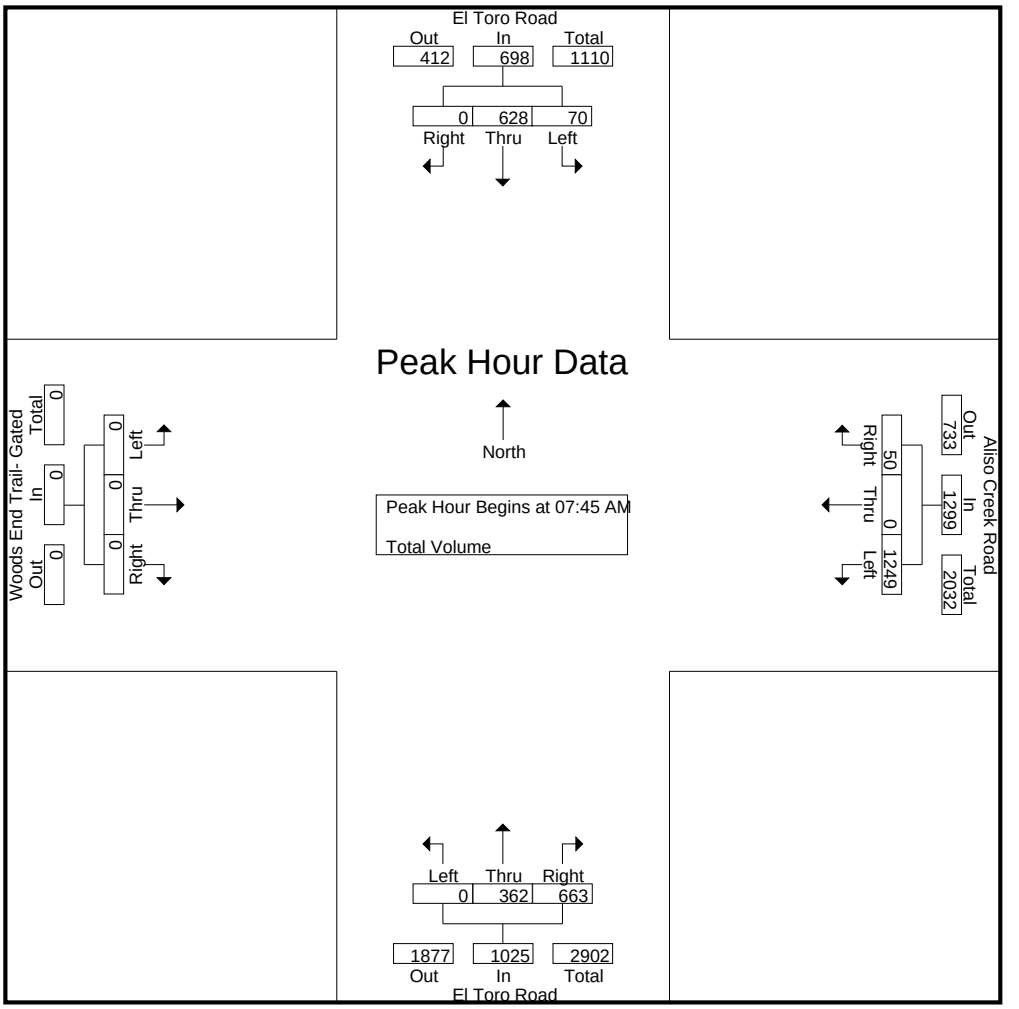

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				08:00 AM				07:00 AM			
+0 mins.	12	159	0	171	341	0	**14**	355	0	85	178	263	0	0	0	0
+15 mins.	16	150	0	166	340	0	10	350	0	100	179	279	0	0	0	0
+30 mins.	17	158	0	175	289	0	6	295	0	92	161	253	0	0	0	0
+45 mins.	**25**	**161**	0	**186**	**354**	0	10	**364**	0	**103**	**196**	**299**	0	0	0	0
Total Volume	70	628	0	698	1324	0	40	1364	0	380	714	1094	0	0	0	0
% App. Total	10	90	0		97.1	0	2.9		0	34.7	65.3		0	0	0	
PHF	.700	.975	.000	.938	.935	.000	.714	.937	.000	.922	.911	.915	.000	.000	.000	.000

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City of Laguna Woods
N/S: El Toro Road
E/W: Aliso Creek Road
Weather: Clear

File Name : 399_LWS_El T_AC PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Aliso Creek Road Westbound				El Toro Road Northbound				Woods End Trail- Gated Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	26	119	0	145	189	0	21	210	0	140	204	344	0	0	0	0	699
04:15 PM	29	118	0	147	213	0	25	238	0	134	229	363	0	0	0	0	748
04:30 PM	34	142	0	176	233	0	28	261	0	140	245	385	0	0	0	0	822
04:45 PM	29	120	0	149	240	0	24	264	0	129	246	375	0	0	0	0	788
Total	118	499	0	617	875	0	98	973	0	543	924	1467	0	0	0	0	3057
05:00 PM	25	121	0	146	220	0	30	250	0	148	252	400	0	0	0	0	796
05:15 PM	36	139	0	175	205	0	25	230	0	160	267	427	0	0	0	0	832
05:30 PM	24	113	0	137	227	0	26	253	0	138	277	415	0	0	0	0	805
05:45 PM	28	129	0	157	159	0	23	182	0	141	281	422	0	0	0	0	761
Total	113	502	0	615	811	0	104	915	0	587	1077	1664	0	0	0	0	3194
Grand Total	231	1001	0	1232	1686	0	202	1888	0	1130	2001	3131	0	0	0	0	6251
Apprch %	18.8	81.2	0		89.3	0	10.7		0	36.1	63.9		0	0	0		
Total %	3.7	16	0	19.7	27	0	3.2	30.2	0	18.1	32	50.1	0	0	0	0	

	El Toro Road Southbound				Aliso Creek Road Westbound				El Toro Road Northbound				Woods End Trail- Gated Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	34	**142**	0	**176**	233	0	28	261	0	140	245	385	0	0	0	0	822
04:45 PM	29	120	0	149	**240**	0	24	**264**	0	129	246	375	0	0	0	0	788
05:00 PM	25	121	0	146	220	0	**30**	250	0	148	252	400	0	0	0	0	796
05:15 PM	**36**	139	0	175	205	0	25	230	0	**160**	**267**	**427**	0	0	0	0	**832**
Total Volume	124	522	0	646	898	0	107	1005	0	577	1010	1587	0	0	0	0	3238
% App. Total	19.2	80.8	0		89.4	0	10.6		0	36.4	63.6		0	0	0		
PHF	.861	.919	.000	.918	.935	.000	.892	.952	.000	.902	.946	.929	.000	.000	.000	.000	.973

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City of Laguna Woods
N/S: El Toro Road
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File Name : 399_LWS_El T_AC PM
Site Code : 05124139
Start Date : 2/13/2024
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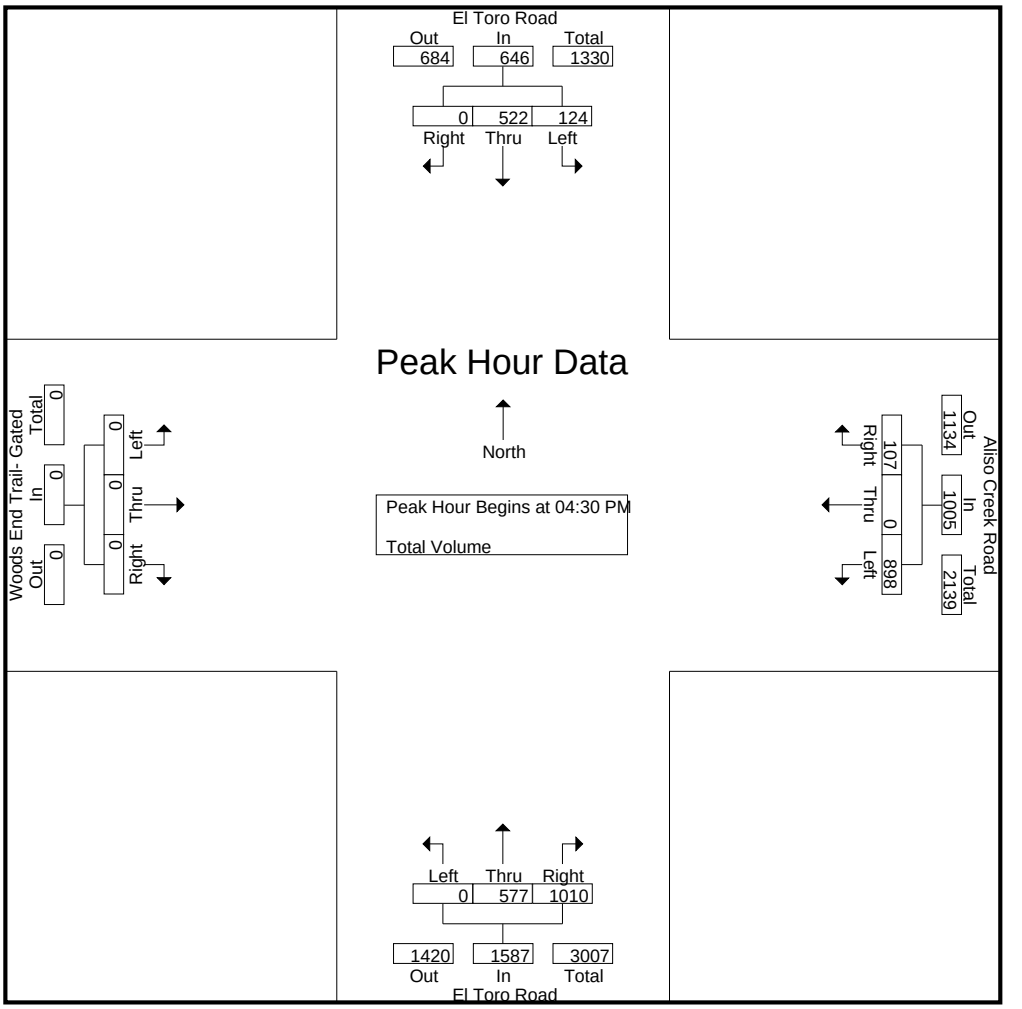

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				05:00 PM				04:00 PM			
+0 mins.	34	**142**	0	**176**	213	0	25	238	0	148	252	400	0	0	0	0
+15 mins.	29	120	0	149	233	0	28	261	0	**160**	267	**427**	0	0	0	0
+30 mins.	25	121	0	146	**240**	0	24	**264**	0	138	277	415	0	0	0	0
+45 mins.	**36**	139	0	175	220	0	**30**	250	0	141	**281**	422	0	0	0	0
Total Volume	124	522	0	646	906	0	107	1013	0	587	1077	1664	0	0	0	0
% App. Total	19.2	80.8	0		89.4	0	10.6		0	35.3	64.7		0	0	0	
PHF	.861	.919	.000	.918	.944	.000	.892	.959	.000	.917	.958	.974	.000	.000	.000	.000

Location: Laguna Woods
N/S: El Toro Road
E/W: Aliso Creek Road

ITAM: 399
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Aliso Creek Road	South Leg El Toro Road	West Leg Woods End Trail	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	0	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	1	0	0	0	1
8:30 AM	1	1	0	0	2
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	3	2	0	0	5

	North Leg El Toro Road	East Leg Aliso Creek Road	South Leg El Toro Road	West Leg Woods End Trail	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	7	0	0	7
4:15 PM	1	0	0	0	1
4:30 PM	1	5	0	0	6
4:45 PM	0	0	0	0	0
5:00 PM	0	1	0	0	1
5:15 PM	0	1	0	0	1
5:30 PM	0	1	0	0	1
5:45 PM	0	1	0	0	1
TOTAL VOLUMES:	2	16	0	0	18

Location: Laguna Woods
N/S: El Toro Road
E/W: Aliso Creek Road

ITAM: 399
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Aliso Creek Road			Northbound El Toro Road			Eastbound Woods End Trail			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	1	0	0	0	0	1	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	1	1	0	0	0	2
8:45 AM	0	0	0	1	0	0	0	0	1	0	0	0	2
TOTAL VOLUMES:	0	0	0	2	0	0	0	4	3	0	0	0	9

	Southbound El Toro Road			Westbound Aliso Creek Road			Northbound El Toro Road			Eastbound Woods End Trail			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:00 PM	0	2	0	1	0	0	0	0	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	1	0	0	0	3	0	0	0	0	9

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City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 400_LBH_El T_73N AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				SR-73 Northbound Off Ramp Westbound				El Toro Road Northbound				SR-73 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	115	287	402	14	32	0	46	0	135	0	135	0	0	0	0	583
07:15 AM	0	155	318	473	20	66	8	94	0	132	0	132	0	0	0	0	699
07:30 AM	0	166	408	574	9	72	4	85	0	167	0	167	0	0	0	0	826
07:45 AM	0	156	363	519	28	110	17	155	0	202	0	202	0	0	0	0	876
Total	0	592	1376	1968	71	280	29	380	0	636	0	636	0	0	0	0	2984
08:00 AM	0	148	394	542	10	86	17	113	0	274	0	274	0	0	0	0	929
08:15 AM	0	156	392	548	19	90	7	116	0	262	0	262	0	0	0	0	926
08:30 AM	0	153	342	495	21	89	11	121	0	257	0	257	0	0	0	0	873
08:45 AM	0	123	303	426	20	88	11	119	0	274	0	274	0	0	0	0	819
Total	0	580	1431	2011	70	353	46	469	0	1067	0	1067	0	0	0	0	3547
Grand Total	0	1172	2807	3979	141	633	75	849	0	1703	0	1703	0	0	0	0	6531
Apprch %	0	29.5	70.5		16.6	74.6	8.8		0	100	0		0	0	0		
Total %	0	17.9	43	60.9	2.2	9.7	1.1	13	0	26.1	0	26.1	0	0	0	0	

	El Toro Road Southbound				SR-73 Northbound Off Ramp Westbound				El Toro Road Northbound				SR-73 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	**156**	363	519	**28**	**110**	**17**	**155**	0	202	0	202	0	0	0	0	876
08:00 AM	0	148	**394**	542	10	86	17	113	0	**274**	0	**274**	0	0	0	0	**929**
08:15 AM	0	156	392	**548**	19	90	7	116	0	262	0	262	0	0	0	0	926
08:30 AM	0	153	342	495	21	89	11	121	0	257	0	257	0	0	0	0	873
Total Volume	0	613	1491	2104	78	375	52	505	0	995	0	995	0	0	0	0	3604
% App. Total	0	29.1	70.9		15.4	74.3	10.3		0	100	0		0	0	0		
PHF	.000	.982	.946	.960	.696	.852	.765	.815	.000	.908	.000	.908	.000	.000	.000	.000	.970

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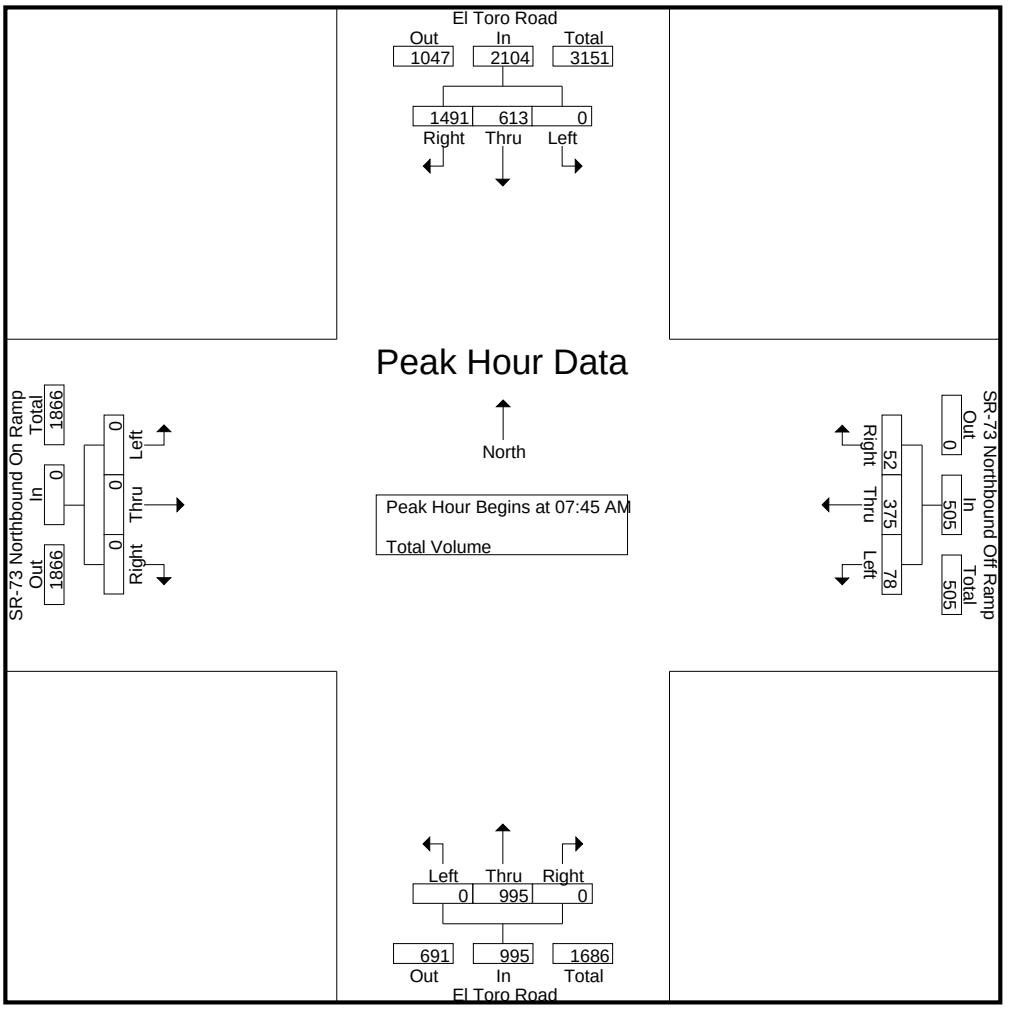
City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 400_LBH_El T_73N AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				07:00 AM			
+0 mins.	0	**166**	**408**	**574**	**28**	**110**	**17**	**155**	0	**274**	0	**274**	0	0	0	0
+15 mins.	0	156	363	519	10	86	17	113	0	262	0	262	0	0	0	0
+30 mins.	0	148	394	542	19	90	7	116	0	257	0	257	0	0	0	0
+45 mins.	0	156	392	548	21	89	11	121	0	274	0	274	0	0	0	0
Total Volume	0	626	1557	2183	78	375	52	505	0	1067	0	1067	0	0	0	0
% App. Total	0	28.7	71.3		15.4	74.3	10.3		0	100	0		0	0	0	
PHF	.000	.943	.954	.951	.696	.852	.765	.815	.000	.974	.000	.974	.000	.000	.000	.000

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City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 400_LBH_El T_73N PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				SR-73 Northbound Off Ramp Westbound				El Toro Road Northbound				SR-73 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	100	220	320	16	50	8	74	0	344	0	344	0	0	0	0	738
04:15 PM	0	99	218	317	25	48	12	85	0	373	0	373	0	0	0	0	775
04:30 PM	0	108	258	366	19	50	7	76	0	372	0	372	0	0	0	0	814
04:45 PM	0	123	258	381	28	43	6	77	0	364	0	364	0	0	0	0	822
Total	0	430	954	1384	88	191	33	312	0	1453	0	1453	0	0	0	0	3149
05:00 PM	0	95	215	310	26	39	10	75	0	409	0	409	0	0	0	0	794
05:15 PM	0	134	245	379	22	39	3	64	0	438	0	438	0	0	0	0	881
05:30 PM	0	92	212	304	17	46	9	72	0	426	0	426	0	0	0	0	802
05:45 PM	0	102	198	300	23	27	9	59	0	422	0	422	0	0	0	0	781
Total	0	423	870	1293	88	151	31	270	0	1695	0	1695	0	0	0	0	3258
Grand Total	0	853	1824	2677	176	342	64	582	0	3148	0	3148	0	0	0	0	6407
Apprch %	0	31.9	68.1		30.2	58.8	11		0	100	0		0	0	0		
Total %	0	13.3	28.5	41.8	2.7	5.3	1	9.1	0	49.1	0	49.1	0	0	0	0	

	El Toro Road Southbound				SR-73 Northbound Off Ramp Westbound				El Toro Road Northbound				SR-73 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	108	**258**	366	19	**50**	7	76	0	372	0	372	0	0	0	0	814
04:45 PM	0	123	258	**381**	**28**	43	6	**77**	0	364	0	364	0	0	0	0	822
05:00 PM	0	95	215	310	26	39	**10**	75	0	409	0	409	0	0	0	0	794
05:15 PM	0	**134**	245	379	22	39	3	64	0	**438**	0	**438**	0	0	0	0	**881**
Total Volume	0	460	976	1436	95	171	26	292	0	1583	0	1583	0	0	0	0	3311
% App. Total	0	32	68		32.5	58.6	8.9		0	100	0		0	0	0		
PHF	.000	.858	.946	.942	.848	.855	.650	.948	.000	.904	.000	.904	.000	.000	.000	.000	.940

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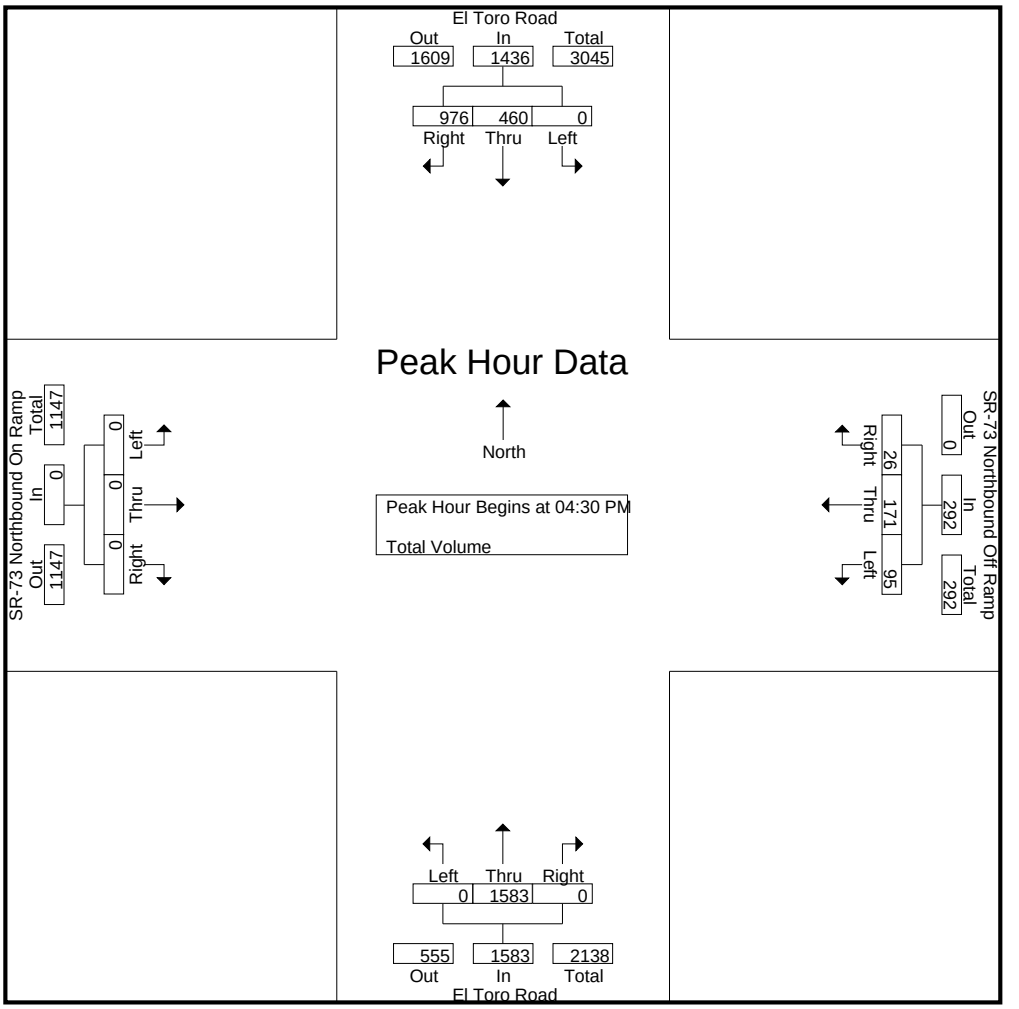
City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Northbound Ramps
Weather: Clear

File Name : 400_LBH_El T_73N PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				05:00 PM				04:00 PM			
+0 mins.	0	108	**258**	366	25	48	**12**	**85**	0	409	0	409	0	0	0	0
+15 mins.	0	123	258	**381**	19	**50**	7	76	0	**438**	0	**438**	0	0	0	0
+30 mins.	0	95	215	310	**28**	43	6	77	0	426	0	426	0	0	0	0
+45 mins.	0	**134**	245	379	26	39	10	75	0	422	0	422	0	0	0	0
Total Volume	0	460	976	1436	98	180	35	313	0	1695	0	1695	0	0	0	0
% App. Total	0	32	68		31.3	57.5	11.2		0	100	0		0	0	0	
PHF	.000	.858	.946	.942	.875	.900	.729	.921	.000	.967	.000	.967	.000	.000	.000	.000

Location: Laguna Beach
N/S: El Toro Road
E/W: SR-73 NB Ramps

ITAM: 400
Date: 2/13/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg SR-73 NB Ramps	South Leg El Toro Road	West Leg SR-73 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg El Toro Road	East Leg SR-73 NB Ramps	South Leg El Toro Road	West Leg SR-73 NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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Location: Laguna Beach
N/S: El Toro Road
E/W: SR-73 NB Ramps

ITAM: 400
Date: 2/13/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound SR-73 NB Ramps			Northbound El Toro Road			Eastbound SR-73 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	1	1	0	0	0	0	3	0	0	0	0	5

	Southbound El Toro Road			Westbound SR-73 NB Ramps			Northbound El Toro Road			Eastbound SR-73 NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	2	0	0	0	0	0	2	0	0	0	0	4
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	3	1	0	0	0	0	4	0	0	0	0	8

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City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 401_LBH_El Toro_73S AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				SR-73 Southbound On Ramp Westbound				El Toro Road Northbound				SR-73 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	127	0	132	0	0	0	0	0	46	7	53	83	13	0	96	281
07:15 AM	9	167	0	176	0	0	0	0	0	44	11	55	95	21	1	117	348
07:30 AM	8	168	0	176	0	0	0	0	0	49	26	75	114	24	4	142	393
07:45 AM	5	176	0	181	0	0	0	0	0	73	30	103	135	40	0	175	459
Total	27	638	0	665	0	0	0	0	0	212	74	286	427	98	5	530	1481
08:00 AM	9	144	0	153	0	0	0	0	0	119	38	157	149	44	0	193	503
08:15 AM	8	162	0	170	0	0	0	0	0	122	16	138	141	34	0	175	483
08:30 AM	10	163	0	173	0	0	0	0	0	108	28	136	154	31	0	185	494
08:45 AM	12	133	0	145	0	0	0	0	0	90	31	121	179	20	0	199	465
Total	39	602	0	641	0	0	0	0	0	439	113	552	623	129	0	752	1945
Grand Total	66	1240	0	1306	0	0	0	0	0	651	187	838	1050	227	5	1282	3426
Apprch %	5.1	94.9	0		0	0	0		0	77.7	22.3		81.9	17.7	0.4		
Total %	1.9	36.2	0	38.1	0	0	0	0	0	19	5.5	24.5	30.6	6.6	0.1	37.4	

	El Toro Road Southbound				SR-73 Southbound On Ramp Westbound				El Toro Road Northbound				SR-73 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	144	0	153	0	0	0	0	0	119	**38**	**157**	149	**44**	0	193	**503**
08:15 AM	8	162	0	170	0	0	0	0	0	**122**	16	138	141	34	0	175	483
08:30 AM	10	**163**	0	**173**	0	0	0	0	0	108	28	136	154	31	0	185	494
08:45 AM	**12**	133	0	145	0	0	0	0	0	90	31	121	**179**	20	0	**199**	465
Total Volume	39	602	0	641	0	0	0	0	0	439	113	552	623	129	0	752	1945
% App. Total	6.1	93.9	0		0	0	0		0	79.5	20.5		82.8	17.2	0		
PHF	.813	.923	.000	.926	.000	.000	.000	.000	.000	.900	.743	.879	.870	.733	.000	.945	.967

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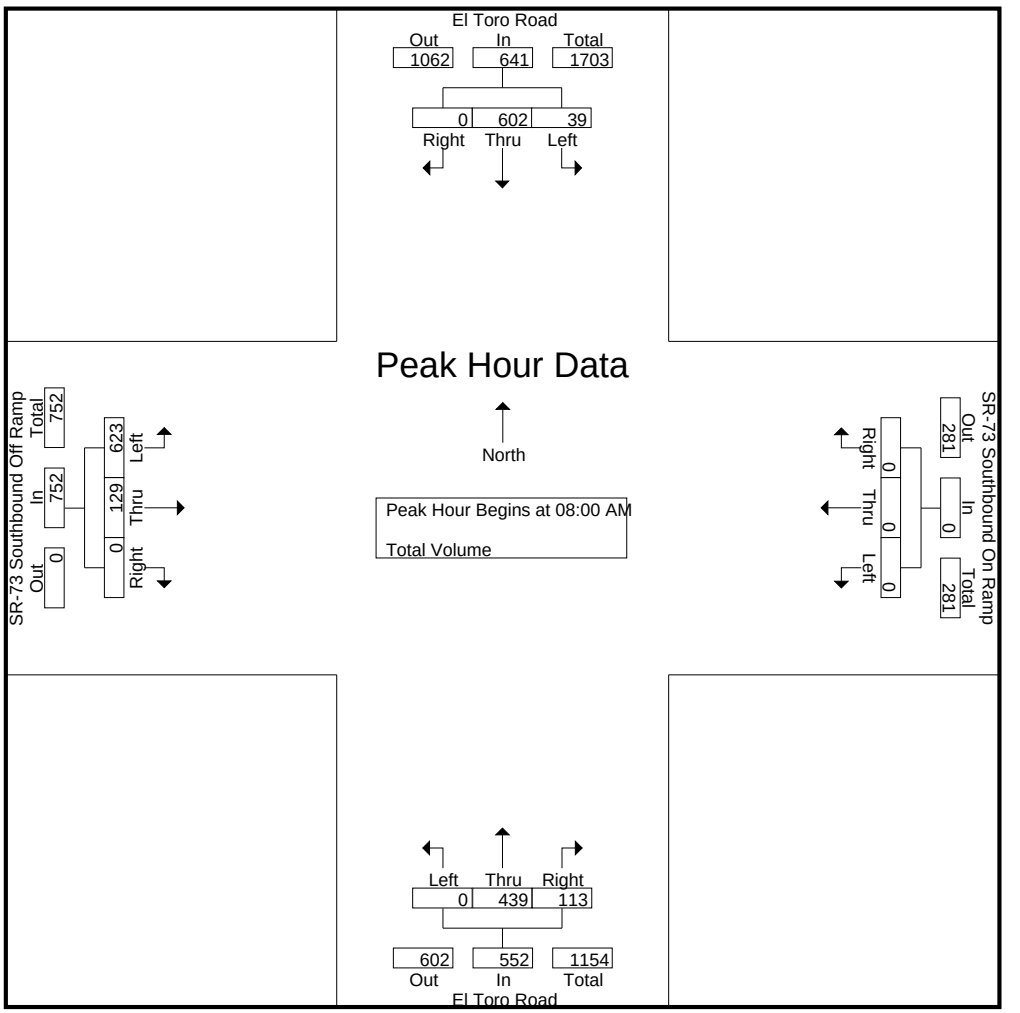
City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 401_LBH_El Toro_73S AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				08:00 AM				08:00 AM			
+0 mins.	**9**	167	0	176	0	0	0	0	0	119	**38**	**157**	149	**44**	0	193
+15 mins.	8	168	0	176	0	0	0	0	0	**122**	16	138	141	34	0	175
+30 mins.	5	**176**	0	**181**	0	0	0	0	0	108	28	136	154	31	0	185
+45 mins.	9	144	0	153	0	0	0	0	0	90	31	121	**179**	20	0	**199**
Total Volume	31	655	0	686	0	0	0	0	0	439	113	552	623	129	0	752
% App. Total	4.5	95.5	0		0	0	0		0	79.5	20.5		82.8	17.2	0	
PHF	.861	.930	.000	.948	.000	.000	.000	.000	.000	.900	.743	.879	.870	.733	.000	.945

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City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 401_LBH_El Toro_73S PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				SR-73 Southbound On Ramp Westbound				El Toro Road Northbound				SR-73 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	106	0	111	0	0	0	0	0	139	17	156	196	63	0	259	526
04:15 PM	5	123	0	128	0	0	0	0	0	139	19	158	236	82	1	319	605
04:30 PM	7	117	0	124	0	0	0	0	0	134	20	154	238	77	0	315	593
04:45 PM	7	148	0	155	0	0	0	0	0	127	21	148	239	80	1	320	623
Total	24	494	0	518	0	0	0	0	0	539	77	616	909	302	2	1213	2347
05:00 PM	8	113	0	121	0	0	0	0	0	154	27	181	260	81	1	342	644
05:15 PM	9	134	0	143	0	0	0	0	0	145	26	171	301	80	1	382	696
05:30 PM	8	113	0	121	0	0	0	0	0	144	13	157	288	87	0	375	653
05:45 PM	7	118	0	125	0	0	0	0	0	130	17	147	281	69	0	350	622
Total	32	478	0	510	0	0	0	0	0	573	83	656	1130	317	2	1449	2615
Grand Total	56	972	0	1028	0	0	0	0	0	1112	160	1272	2039	619	4	2662	4962
Apprch %	5.4	94.6	0		0	0	0		0	87.4	12.6		76.6	23.3	0.2		
Total %	1.1	19.6	0	20.7	0	0	0	0	0	22.4	3.2	25.6	41.1	12.5	0.1	53.6	

	El Toro Road Southbound				SR-73 Southbound On Ramp Westbound				El Toro Road Northbound				SR-73 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	7	**148**	0	**155**	0	0	0	0	0	127	21	148	239	80	**1**	320	623
05:00 PM	8	113	0	121	0	0	0	0	0	**154**	**27**	**181**	260	81	1	342	644
05:15 PM	**9**	134	0	143	0	0	0	0	0	145	26	171	**301**	80	1	**382**	**696**
05:30 PM	8	113	0	121	0	0	0	0	0	144	13	157	288	**87**	0	375	653
Total Volume	32	508	0	540	0	0	0	0	0	570	87	657	1088	328	3	1419	2616
% App. Total	5.9	94.1	0		0	0	0		0	86.8	13.2		76.7	23.1	0.2		
PHF	.889	.858	.000	.871	.000	.000	.000	.000	.000	.925	.806	.907	.904	.943	.750	.929	.940

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City of Laguna Beach
N/S: El Toro Road
E/W: SR-73 Southbound Ramps
Weather: Clear

File Name : 401_LBH_El Toro_73S PM3
Site Code : 05124139
Start Date : 2/13/2024
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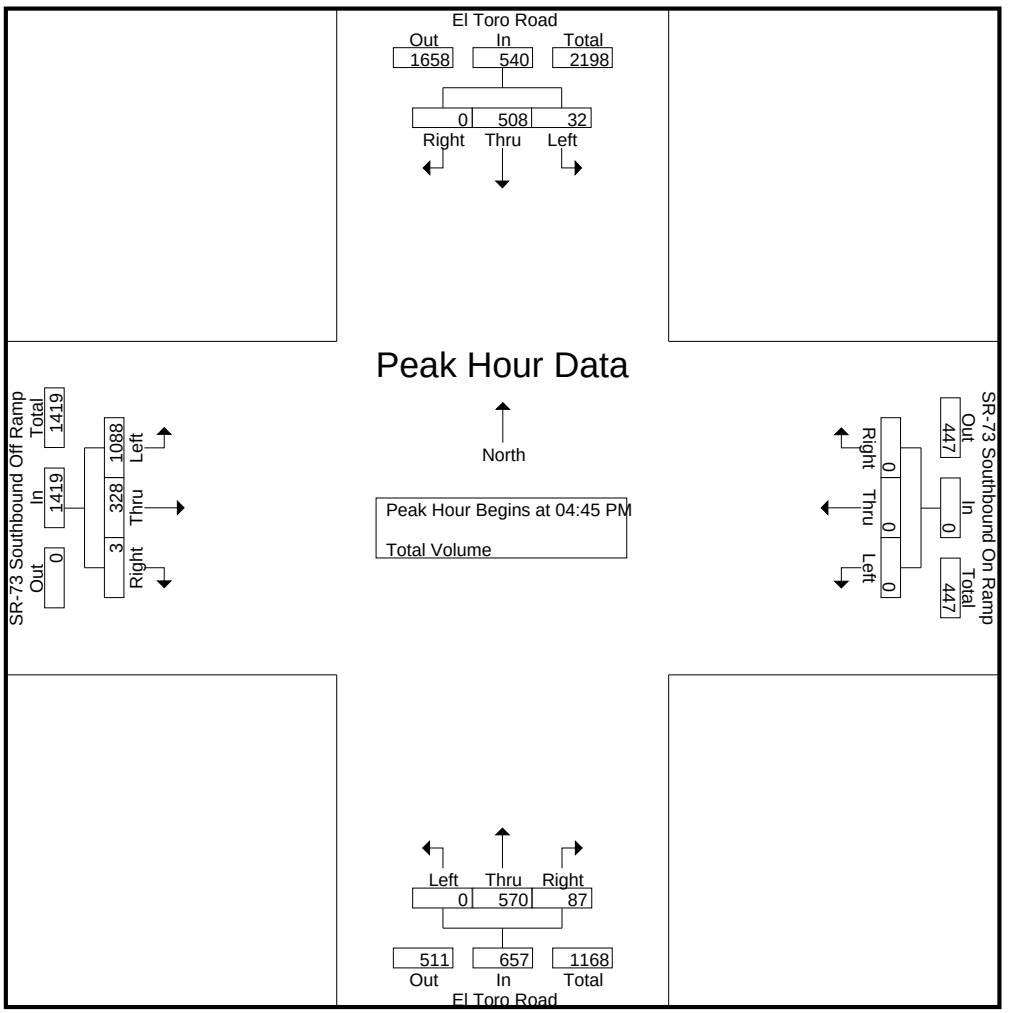

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	7	117	0	124	0	0	0	0	0	127	21	148	260	81	**1**	342
+15 mins.	7	**148**	0	**155**	0	0	0	0	0	**154**	**27**	**181**	**301**	80	1	**382**
+30 mins.	8	113	0	121	0	0	0	0	0	145	26	171	288	**87**	0	375
+45 mins.	**9**	134	0	143	0	0	0	0	0	144	13	157	281	69	0	350
Total Volume	31	512	0	543	0	0	0	0	0	570	87	657	1130	317	2	1449
% App. Total	5.7	94.3	0		0	0	0		0	86.8	13.2		78	21.9	0.1	
PHF	.861	.865	.000	.876	.000	.000	.000	.000	.000	.925	.806	.907	.939	.911	.500	.948

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Trabuco Road
Weather: Clear

File Name : 402_IRV_5N_TRA AM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 1

Groups Printed- Total Volume

	Trabuco Road Westbound			I-5 Northbound Ramps Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	79	31	110	49	9	58	32	81	113	281
07:15 AM	95	58	153	66	8	74	45	100	145	372
07:30 AM	120	65	185	85	6	91	46	81	127	403
07:45 AM	114	119	233	90	5	95	92	97	189	517
Total	408	273	681	290	28	318	215	359	574	1573
08:00 AM	151	150	301	78	8	86	79	102	181	568
08:15 AM	132	140	272	90	4	94	96	81	177	543
08:30 AM	144	107	251	87	6	93	75	99	174	518
08:45 AM	128	103	231	87	4	91	88	83	171	493
Total	555	500	1055	342	22	364	338	365	703	2122
Grand Total	963	773	1736	632	50	682	553	724	1277	3695
Apprch %	55.5	44.5		92.7	7.3		43.3	56.7		
Total %	26.1	20.9	47	17.1	1.4	18.5	15	19.6	34.6	

	Trabuco Road Westbound			I-5 Northbound Ramps Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	114	119	233	90	5	95	92	97	189	517
08:00 AM	151	150	301	78	8	86	79	102	181	568
08:15 AM	132	140	272	90	4	94	96	81	177	543
08:30 AM	144	107	251	87	6	93	75	99	174	518
Total Volume	541	516	1057	345	23	368	342	379	721	2146
% App. Total	51.2	48.8		93.8	6.2		47.4	52.6		
PHF	.896	.860	.878	.958	.719	.968	.891	.929	.954	.945

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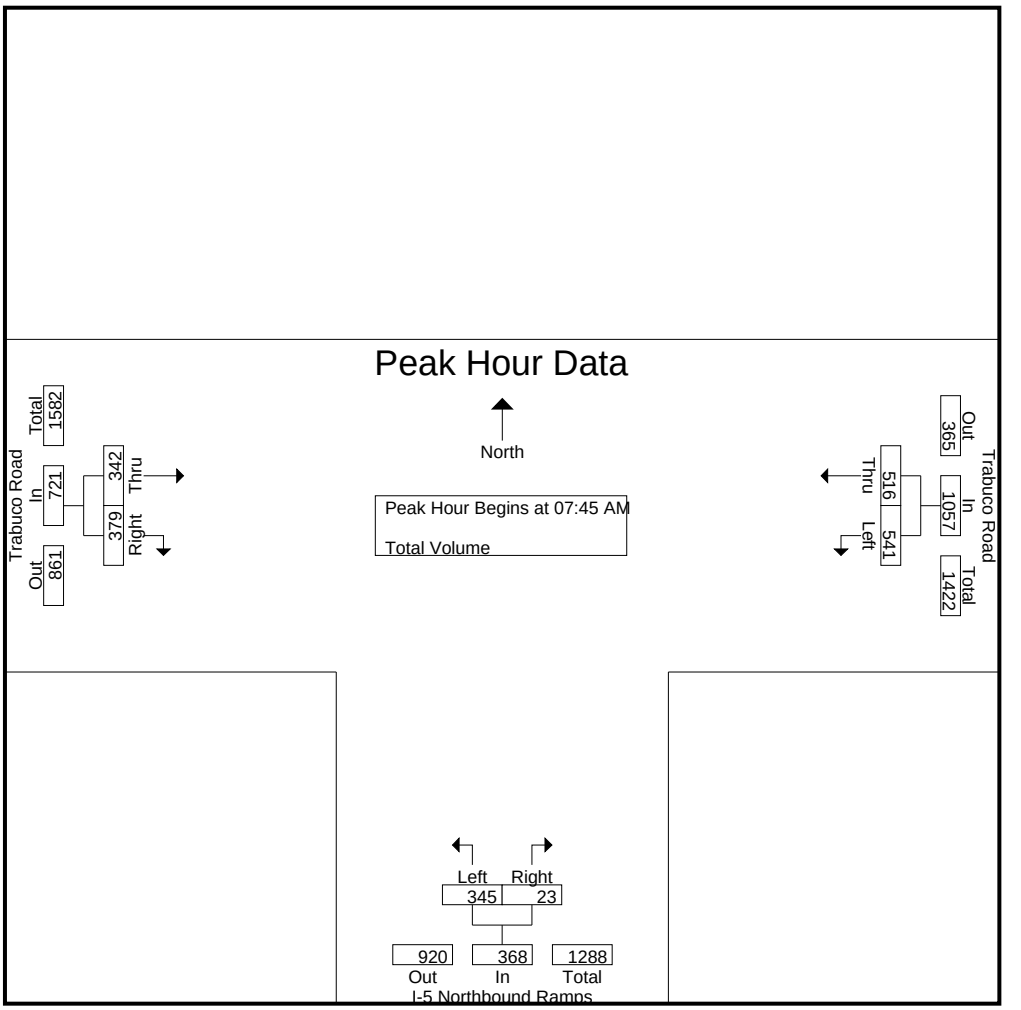
City of Irvine
N/S: I-5 Northbound Ramps
E/W: Trabuco Road
Weather: Clear

File Name : 402_IRV_5N_TRA AM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:45 AM		
+0 mins.	114	119	233	90	5	95	92	97	189
+15 mins.	151	150	301	78	8	86	79	102	181
+30 mins.	132	140	272	90	4	94	96	81	177
+45 mins.	144	107	251	87	6	93	75	99	174
Total Volume	541	516	1057	345	23	368	342	379	721
% App. Total	51.2	48.8		93.8	6.2		47.4	52.6	
PHF	.896	.860	.878	.958	.719	.968	.891	.929	.954

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City of Irvine
N/S: I-5 Northbound Ramps
E/W: Trabuco Road
Weather: Clear

File Name : 402_IRV_5N_Tra PM
Site Code : 05124139
Start Date : 2/27/2024

Groups Printed- Total Volume

	Trabuco Road Westbound			I-5 Northbound Ramps Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	68	93	161	111	14	125	132	58	190	476
04:15 PM	55	87	142	94	9	103	149	89	238	483
04:30 PM	56	122	178	106	11	117	114	53	167	462
04:45 PM	36	78	114	113	14	127	146	72	218	459
Total	215	380	595	424	48	472	541	272	813	1880
05:00 PM	59	98	157	145	14	159	165	76	241	557
05:15 PM	34	82	116	174	19	193	192	49	241	550
05:30 PM	49	83	132	181	17	198	171	65	236	566
05:45 PM	50	55	105	158	17	175	171	94	265	545
Total	192	318	510	658	67	725	699	284	983	2218
Grand Total	407	698	1105	1082	115	1197	1240	556	1796	4098
Apprch %	36.8	63.2		90.4	9.6		69	31		
Total %	9.9	17	27	26.4	2.8	29.2	30.3	13.6	43.8	

	Trabuco Road Westbound			I-5 Northbound Ramps Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	59	98	157	145	14	159	165	76	241	557
05:15 PM	34	82	116	174	19	193	192	49	241	550
05:30 PM	49	83	132	181	17	198	171	65	236	566
05:45 PM	50	55	105	158	17	175	171	94	265	545
Total Volume	192	318	510	658	67	725	699	284	983	2218
% App. Total	37.6	62.4		90.8	9.2		71.1	28.9		
PHF	.814	.811	.812	.909	.882	.915	.910	.755	.927	.980

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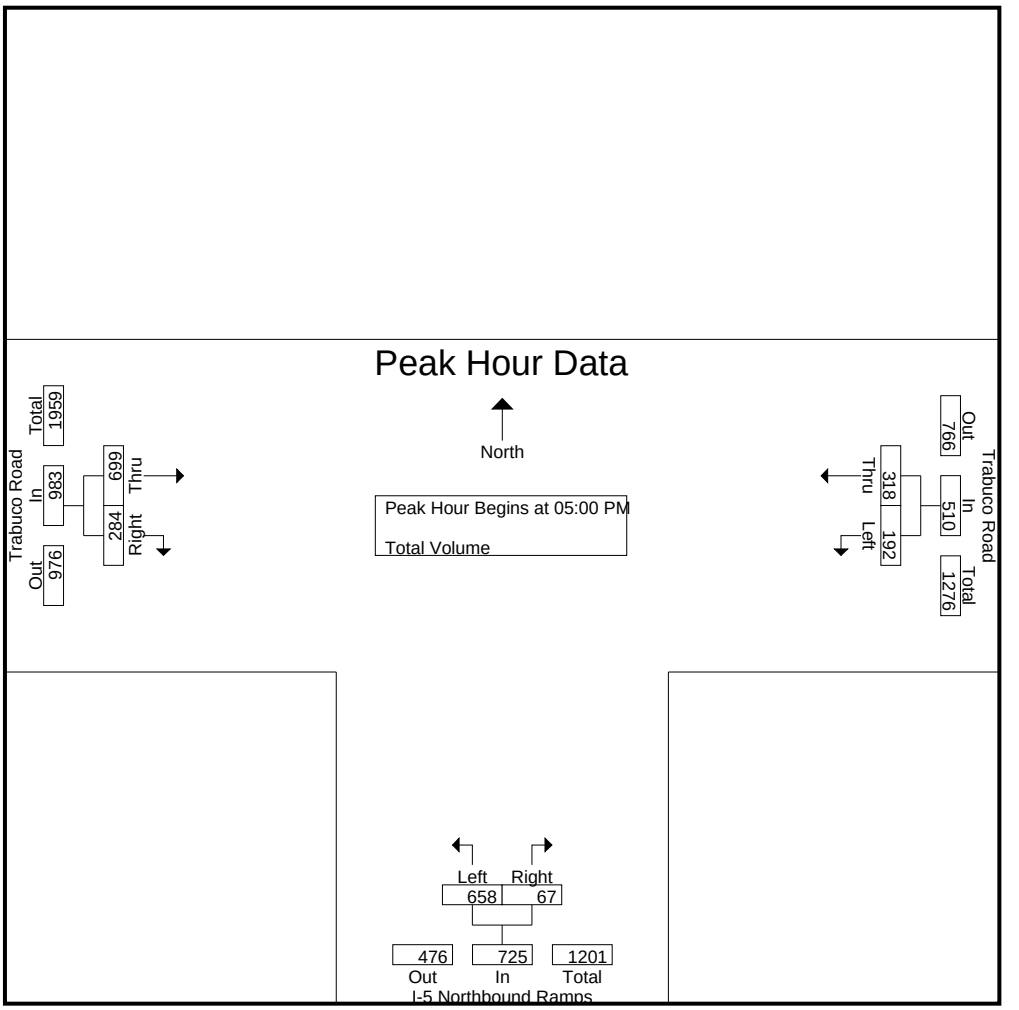
City of Irvine
N/S: I-5 Northbound Ramps
E/W: Trabuco Road
Weather: Clear

File Name : 402_IRV_5N_Tra PM
Site Code : 05124139
Start Date : 2/27/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			05:00 PM			05:00 PM		
+0 mins.	68	93	161	145	14	159	165	76	241
+15 mins.	55	87	142	174	19	193	192	49	241
+30 mins.	56	122	178	181	17	198	171	65	236
+45 mins.	36	78	114	158	17	175	171	94	265
Total Volume	215	380	595	658	67	725	699	284	983
% App. Total	36.1	63.9		90.8	9.2		71.1	28.9	
PHF	.790	.779	.836	.909	.882	.915	.910	.755	.927

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City of Irvine
N/S: Laguna Canyon Road
E/W: Quail Hill Parkway
Weather: Clear

File Name : 405_IRV_LAG CYN_QH AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Quail Hill Parkway Westbound				Laguna Canyon Road Northbound				Quail Hill Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	4	6	10	1	0	1	2	16	25	24	65	7	0	41	48	125
07:15 AM	2	18	4	24	0	0	0	0	30	47	17	94	10	1	57	68	186
07:30 AM	2	14	5	21	0	0	1	1	35	41	25	101	9	4	48	61	184
07:45 AM	3	21	20	44	1	0	1	2	132	81	32	245	15	2	68	85	376
Total	7	57	35	99	2	0	3	5	213	194	98	505	41	7	214	262	871
08:00 AM	5	20	18	43	0	0	1	1	153	63	61	277	7	1	116	124	445
08:15 AM	6	14	9	29	1	1	2	4	86	90	63	239	8	1	126	135	407
08:30 AM	6	19	12	37	2	2	2	6	64	99	75	238	8	3	77	88	369
08:45 AM	9	22	10	41	0	2	2	4	60	73	70	203	21	4	80	105	353
Total	26	75	49	150	3	5	7	15	363	325	269	957	44	9	399	452	1574
Grand Total	33	132	84	249	5	5	10	20	576	519	367	1462	85	16	613	714	2445
Apprch %	13.3	53	33.7		25	25	50		39.4	35.5	25.1		11.9	2.2	85.9		
Total %	1.3	5.4	3.4	10.2	0.2	0.2	0.4	0.8	23.6	21.2	15	59.8	3.5	0.7	25.1	29.2	

	Laguna Canyon Road Southbound				Quail Hill Parkway Westbound				Laguna Canyon Road Northbound				Quail Hill Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	21	20	44	1	0	1	2	132	81	32	245	15	2	68	85	376
08:00 AM	5	20	18	43	0	0	1	1	153	63	61	277	7	1	116	124	445
08:15 AM	6	14	9	29	1	1	2	4	86	90	63	239	8	1	126	135	407
08:30 AM	6	19	12	37	2	2	2	6	64	99	75	238	8	3	77	88	369
Total Volume	20	74	59	153	4	3	6	13	435	333	231	999	38	7	387	432	1597
% App. Total	13.1	48.4	38.6		30.8	23.1	46.2		43.5	33.3	23.1		8.8	1.6	89.6		
PHF	.833	.881	.738	.869	.500	.375	.750	.542	.711	.841	.770	.902	.633	.583	.768	.800	.897

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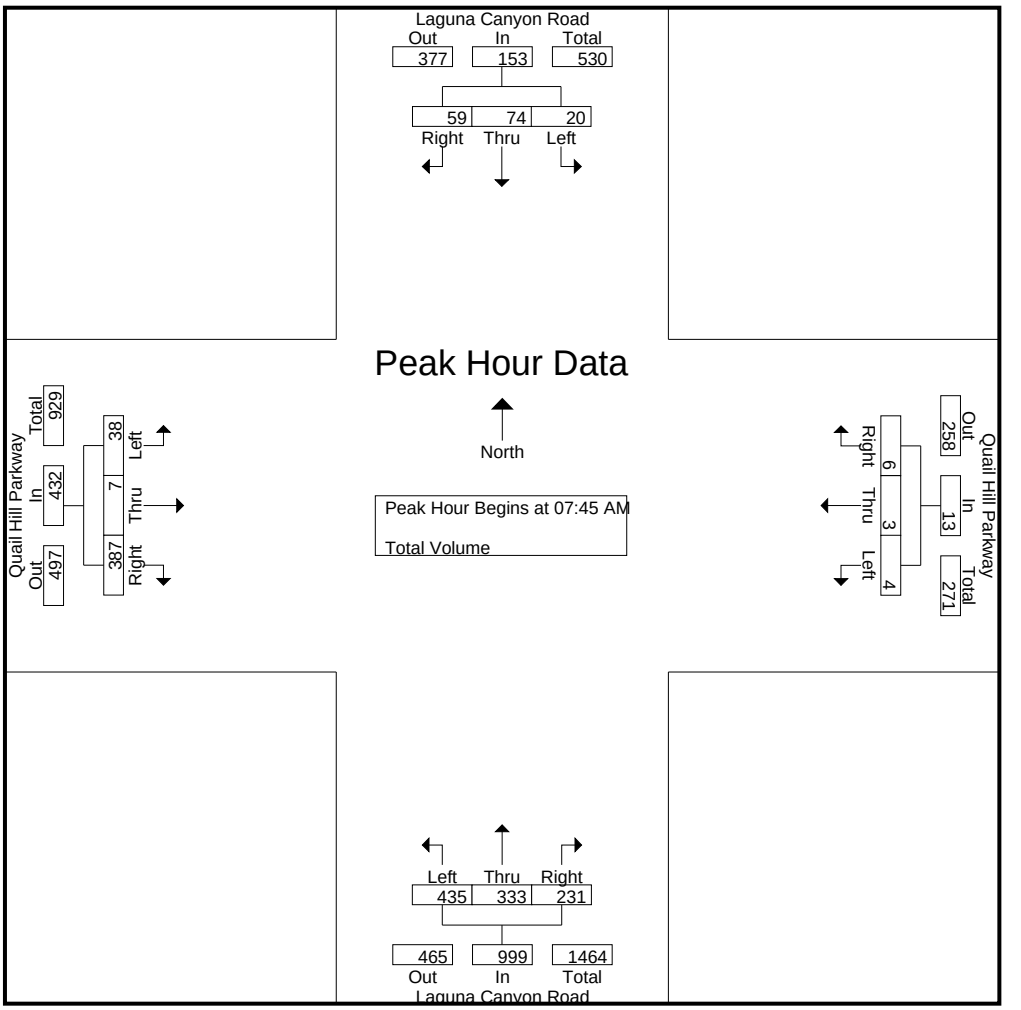
City of Irvine
N/S: Laguna Canyon Road
E/W: Quail Hill Parkway
Weather: Clear

File Name : 405_IRV_LAG CYN_QH AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				08:00 AM			
+0 mins.	3	21	20	44	0	0	1	1	132	81	32	245	7	1	116	124
+15 mins.	5	20	18	43	1	1	2	4	153	63	61	277	8	1	126	135
+30 mins.	6	14	9	29	2	2	2	6	86	90	63	239	8	3	77	88
+45 mins.	6	19	12	37	0	2	2	4	64	99	75	238	21	4	80	105
Total Volume	20	74	59	153	3	5	7	15	435	333	231	999	44	9	399	452
% App. Total	13.1	48.4	38.6		20	33.3	46.7		43.5	33.3	23.1		9.7	2	88.3	
PHF	.833	.881	.738	.869	.375	.625	.875	.625	.711	.841	.770	.902	.524	.563	.792	.837

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City of Irvine
N/S: Laguna Canyon Road
E/W: Quail Hill Parkway
Weather: Clear

File Name : 405_IRV_LAG CYN_QH PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound				Quail Hill Parkway Westbound				Laguna Canyon Road Northbound				Quail Hill Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	43	24	68	12	15	6	33	55	21	3	79	3	2	71	76	256
04:15 PM	0	41	21	62	13	16	11	40	87	41	2	130	5	1	46	52	284
04:30 PM	0	58	20	78	18	10	10	38	74	24	1	99	4	1	67	72	287
04:45 PM	1	53	27	81	32	35	2	69	77	33	2	112	4	3	70	77	339
Total	2	195	92	289	75	76	29	180	293	119	8	420	16	7	254	277	1166
05:00 PM	0	69	37	106	34	22	8	64	87	35	5	127	6	1	68	75	372
05:15 PM	0	73	26	99	34	16	13	63	119	45	1	165	3	1	85	89	416
05:30 PM	1	69	34	104	30	21	14	65	96	54	3	153	5	1	86	92	414
05:45 PM	0	58	29	87	38	19	8	65	92	26	3	121	6	3	68	77	350
Total	1	269	126	396	136	78	43	257	394	160	12	566	20	6	307	333	1552
Grand Total	3	464	218	685	211	154	72	437	687	279	20	986	36	13	561	610	2718
Apprch %	0.4	67.7	31.8		48.3	35.2	16.5		69.7	28.3	2		5.9	2.1	92		
Total %	0.1	17.1	8	25.2	7.8	5.7	2.6	16.1	25.3	10.3	0.7	36.3	1.3	0.5	20.6	22.4	

	Laguna Canyon Road Southbound				Quail Hill Parkway Westbound				Laguna Canyon Road Northbound				Quail Hill Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	69	37	106	34	22	8	64	87	35	5	127	6	1	68	75	372
05:15 PM	0	73	26	99	34	16	13	63	119	45	1	165	3	1	85	89	416
05:30 PM	1	69	34	104	30	21	14	65	96	54	3	153	5	1	86	92	414
05:45 PM	0	58	29	87	38	19	8	65	92	26	3	121	6	3	68	77	350
Total Volume	1	269	126	396	136	78	43	257	394	160	12	566	20	6	307	333	1552
% App. Total	0.3	67.9	31.8		52.9	30.4	16.7		69.6	28.3	2.1		6	1.8	92.2		
PHF	.250	.921	.851	.934	.895	.886	.768	.988	.828	.741	.600	.858	.833	.500	.892	.905	.933

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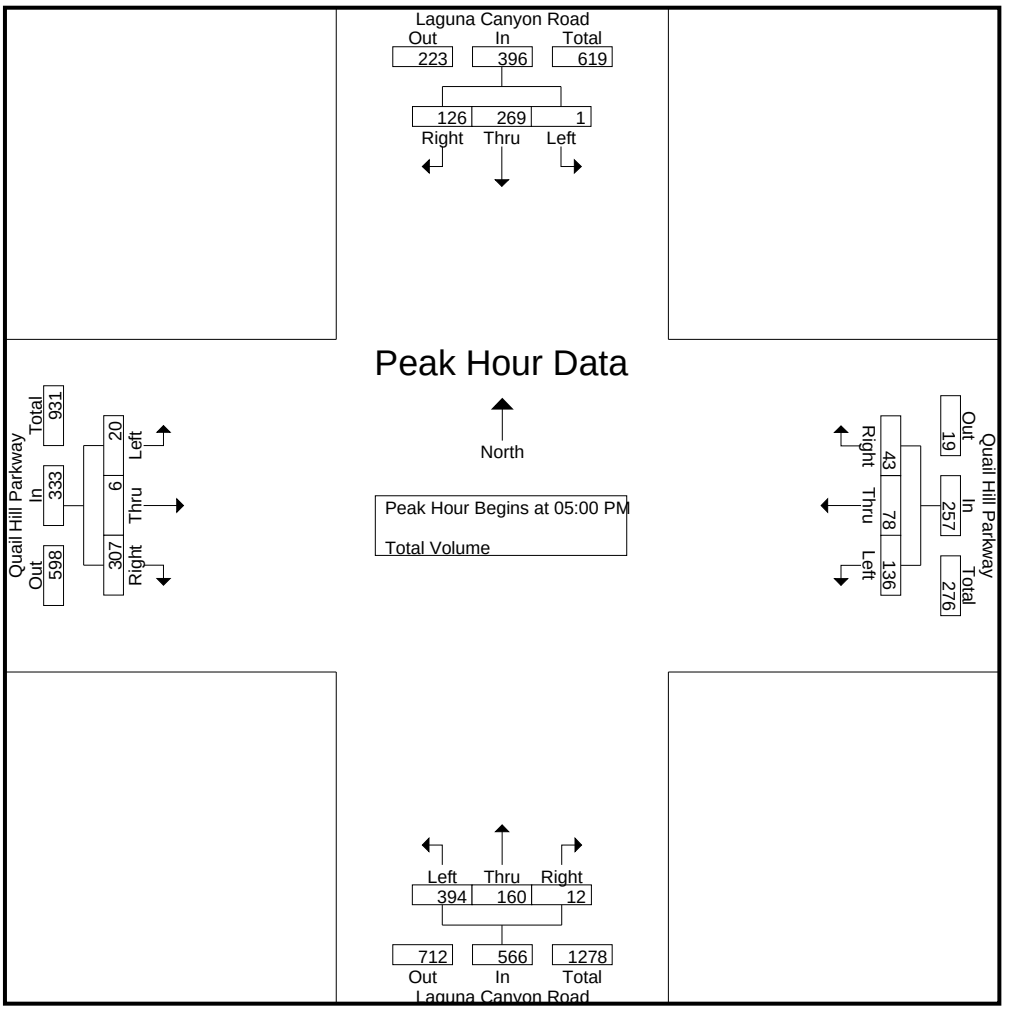
City of Irvine
N/S: Laguna Canyon Road
E/W: Quail Hill Parkway
Weather: Clear

File Name : 405_IRV_LAG CYN_QH PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				04:45 PM			
+0 mins.	0	69	37	106	32	35	2	69	87	35	5	127	4	3	70	77
+15 mins.	0	73	26	99	34	22	8	64	119	45	1	165	6	1	68	75
+30 mins.	1	69	34	104	34	16	13	63	96	54	3	153	3	1	85	89
+45 mins.	0	58	29	87	30	21	14	65	92	26	3	121	5	1	86	92
Total Volume	1	269	126	396	130	94	37	261	394	160	12	566	18	6	309	333
% App. Total	0.3	67.9	31.8		49.8	36	14.2		69.6	28.3	2.1		5.4	1.8	92.8	
PHF	.250	.921	.851	.934	.956	.671	.661	.946	.828	.741	.600	.858	.750	.500	.898	.905

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City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	46	295	341	14	93	107	349	3	352	800
07:15 AM	62	270	332	18	132	150	435	11	446	928
07:30 AM	56	375	431	29	186	215	502	17	519	1165
07:45 AM	79	350	429	41	236	277	520	29	549	1255
Total	243	1290	1533	102	647	749	1806	60	1866	4148
08:00 AM	94	334	428	35	220	255	427	25	452	1135
08:15 AM	107	372	479	37	163	200	443	47	490	1169
08:30 AM	63	398	461	43	147	190	506	39	545	1196
08:45 AM	80	376	456	30	128	158	442	37	479	1093
Total	344	1480	1824	145	658	803	1818	148	1966	4593
Grand Total	587	2770	3357	247	1305	1552	3624	208	3832	8741
Apprch %	17.5	82.5		15.9	84.1		94.6	5.4		
Total %	6.7	31.7	38.4	2.8	14.9	17.8	41.5	2.4	43.8	

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	79	350	429	41	**236**	**277**	**520**	29	**549**	**1255**
08:00 AM	94	334	428	35	220	255	427	25	452	1135
08:15 AM	**107**	372	**479**	37	163	200	443	**47**	490	1169
08:30 AM	63	**398**	461	**43**	147	190	506	39	545	1196
Total Volume	343	1454	1797	156	766	922	1896	140	2036	4755
% App. Total	19.1	80.9		16.9	83.1		93.1	6.9		
PHF	.801	.913	.938	.907	.811	.832	.912	.745	.927	.947

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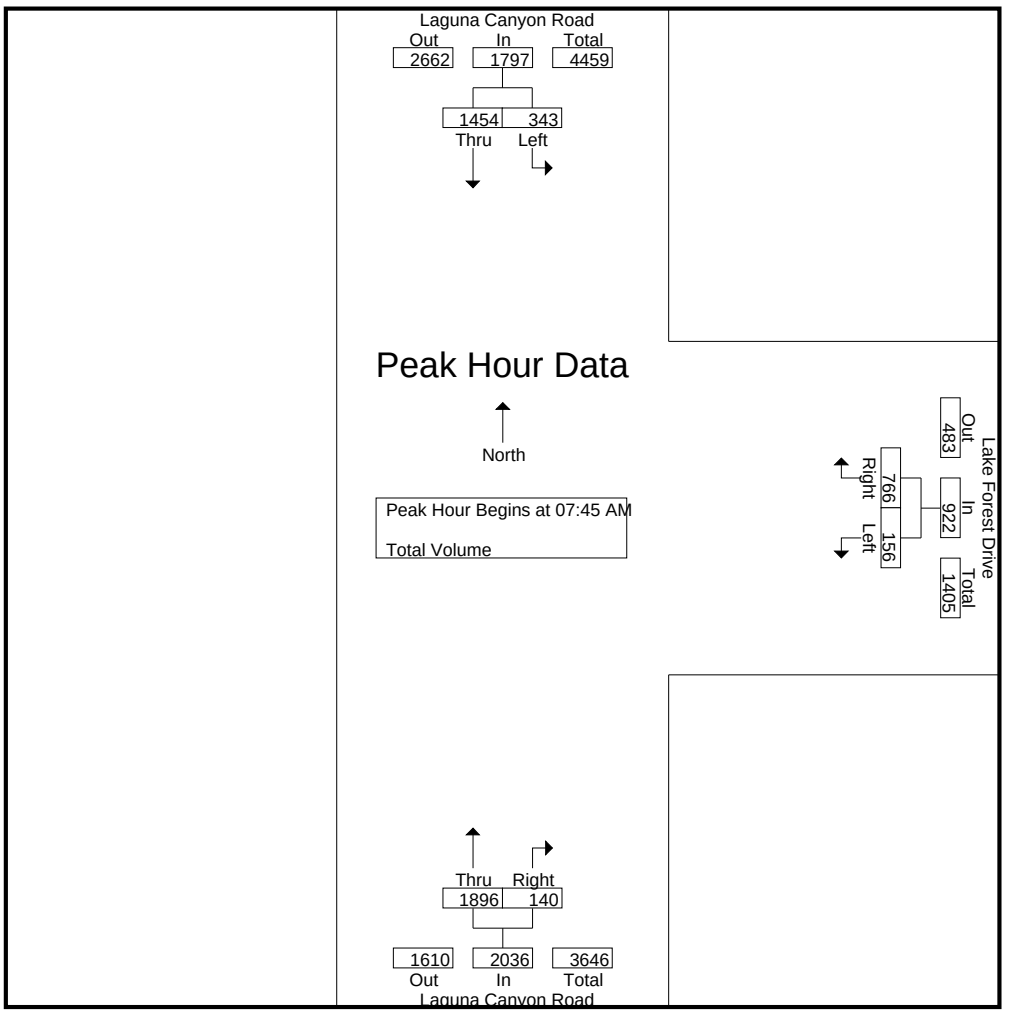
City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			07:30 AM			07:45 AM		
+0 mins.	94	334	428	29	186	215	**520**	29	**549**
+15 mins.	**107**	372	**479**	**41**	**236**	**277**	427	25	452
+30 mins.	63	**398**	461	35	220	255	443	**47**	490
+45 mins.	80	376	456	37	163	200	506	39	545
Total Volume	344	1480	1824	142	805	947	1896	140	2036
% App. Total	18.9	81.1		15	85		93.1	6.9	
PHF	.804	.930	.952	.866	.853	.855	.912	.745	.927

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City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	82	374	456	37	203	240	376	19	395	1091
04:15 PM	107	462	569	36	185	221	429	23	452	1242
04:30 PM	83	458	541	32	197	229	346	32	378	1148
04:45 PM	122	413	535	36	161	197	375	32	407	1139
Total	394	1707	2101	141	746	887	1526	106	1632	4620
05:00 PM	117	445	562	56	301	357	346	29	375	1294
05:15 PM	115	468	583	42	234	276	434	32	466	1325
05:30 PM	99	469	568	43	235	278	411	37	448	1294
05:45 PM	95	422	517	36	162	198	421	32	453	1168
Total	426	1804	2230	177	932	1109	1612	130	1742	5081
06:00 PM	91	355	446	29	142	171	333	28	361	978
06:15 PM	96	323	419	26	114	140	318	21	339	898
Grand Total	1007	4189	5196	373	1934	2307	3789	285	4074	11577
Apprch %	19.4	80.6		16.2	83.8		93	7		
Total %	8.7	36.2	44.9	3.2	16.7	19.9	32.7	2.5	35.2	

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	**117**	445	562	**56**	**301**	**357**	346	29	375	1294
05:15 PM	115	468	**583**	42	234	276	**434**	32	**466**	**1325**
05:30 PM	99	**469**	568	43	235	278	411	**37**	448	1294
05:45 PM	95	422	517	36	162	198	421	32	453	1168
Total Volume	426	1804	2230	177	932	1109	1612	130	1742	5081
% App. Total	19.1	80.9		16	84		92.5	7.5		
PHF	.910	.962	.956	.790	.774	.777	.929	.878	.935	.959

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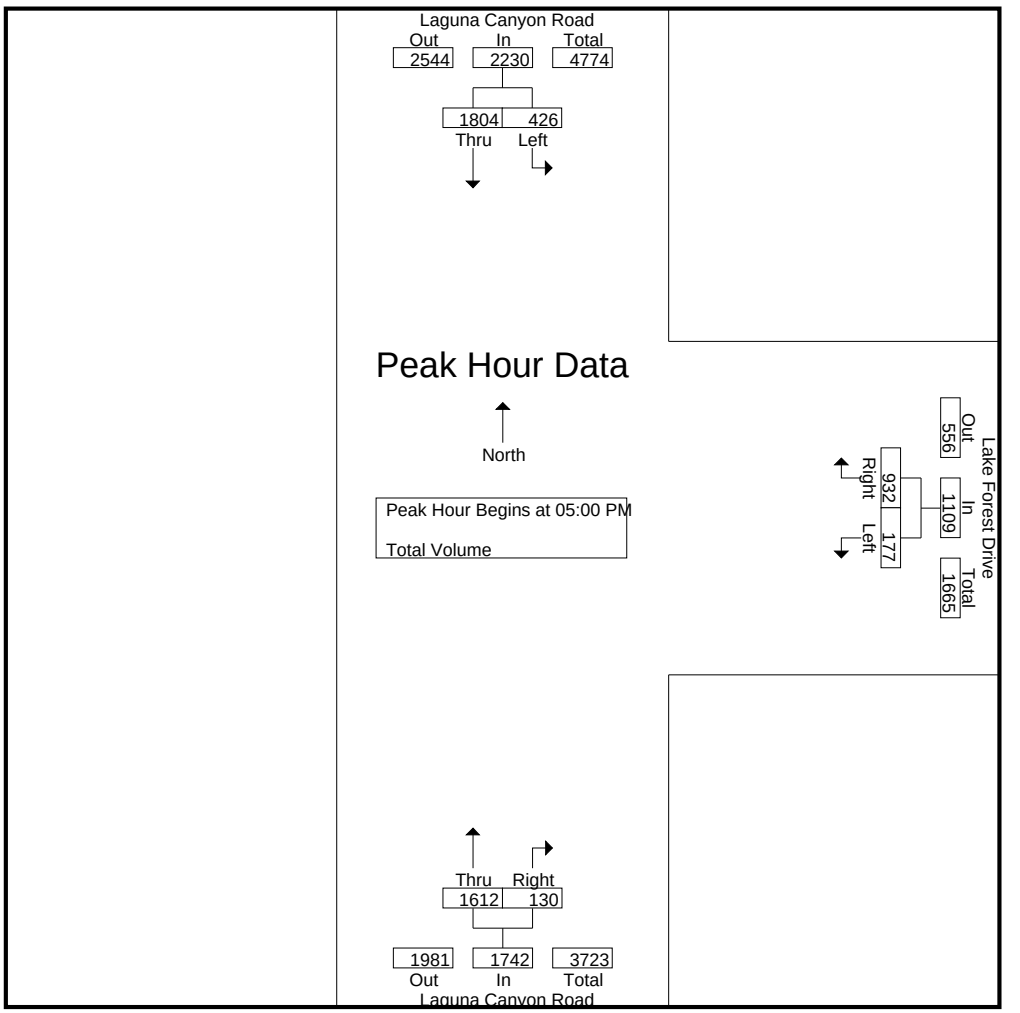
City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			05:00 PM			05:00 PM		
+0 mins.	**122**	413	535	**56**	**301**	**357**	346	29	375
+15 mins.	117	445	562	42	234	276	**434**	32	**466**
+30 mins.	115	468	**583**	43	235	278	411	**37**	448
+45 mins.	99	**469**	568	36	162	198	421	32	453
Total Volume	453	1795	2248	177	932	1109	1612	130	1742
% App. Total	20.2	79.8		16	84		92.5	7.5	
PHF	.928	.957	.964	.790	.774	.777	.929	.878	.935

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City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	32	289	321	15	87	102	343	8	351	774
07:15 AM	44	332	376	22	130	152	413	9	422	950
07:30 AM	58	331	389	28	155	183	478	15	493	1065
07:45 AM	87	348	435	33	208	241	511	19	530	1206
Total	221	1300	1521	98	580	678	1745	51	1796	3995
08:00 AM	110	352	462	27	218	245	431	17	448	1155
08:15 AM	90	370	460	31	175	206	492	49	541	1207
08:30 AM	67	372	439	36	143	179	514	37	551	1169
08:45 AM	82	338	420	32	133	165	431	26	457	1042
Total	349	1432	1781	126	669	795	1868	129	1997	4573
Grand Total	570	2732	3302	224	1249	1473	3613	180	3793	8568
Apprch %	17.3	82.7		15.2	84.8		95.3	4.7		
Total %	6.7	31.9	38.5	2.6	14.6	17.2	42.2	2.1	44.3	

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	87	348	435	33	208	241	511	19	530	1206
08:00 AM	**110**	352	**462**	27	**218**	**245**	431	17	448	1155
08:15 AM	90	370	460	31	175	206	492	**49**	541	**1207**
08:30 AM	67	**372**	439	**36**	143	179	**514**	37	**551**	1169
Total Volume	354	1442	1796	127	744	871	1948	122	2070	4737
% App. Total	19.7	80.3		14.6	85.4		94.1	5.9		
PHF	.805	.969	.972	.882	.853	.889	.947	.622	.939	.981

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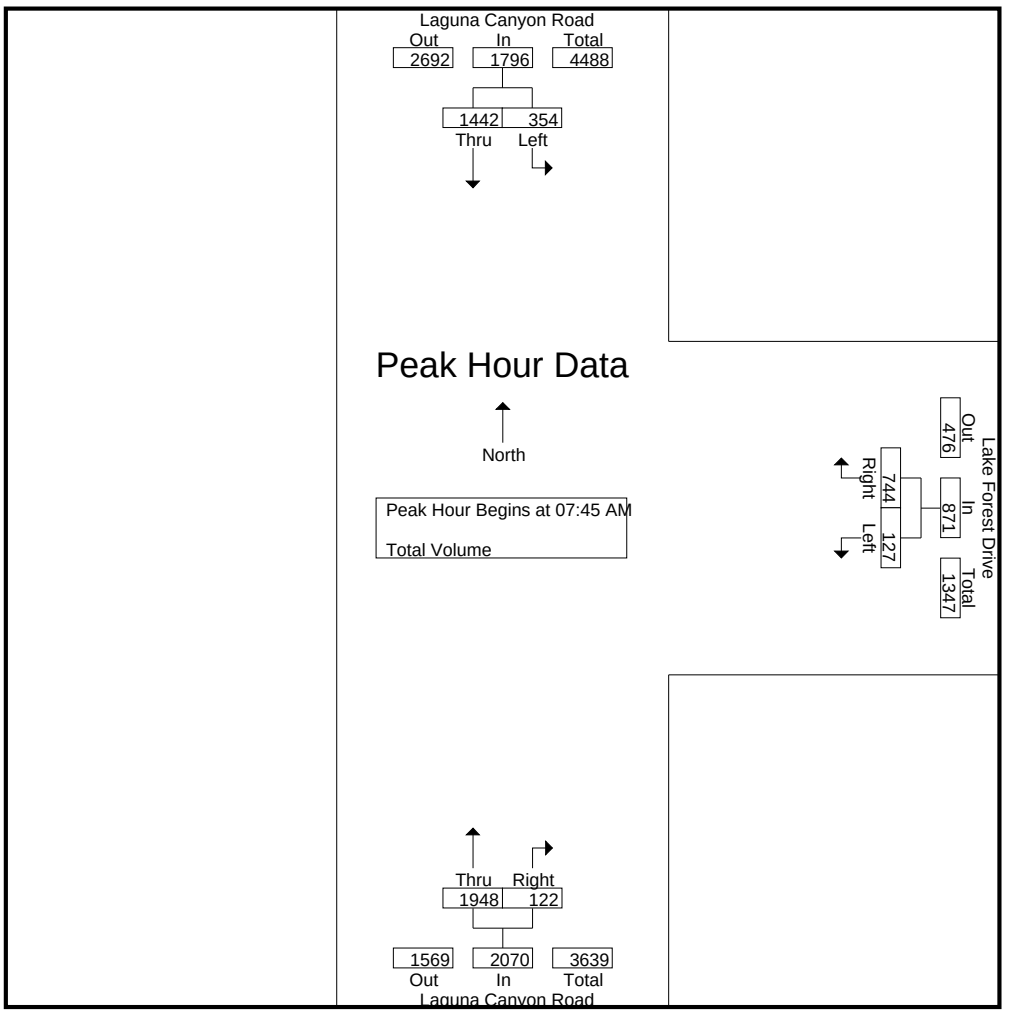
City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:30 AM			07:45 AM		
+0 mins.	87	348	435	28	155	183	511	19	530
+15 mins.	**110**	352	**462**	**33**	208	241	431	17	448
+30 mins.	90	370	460	27	**218**	**245**	492	**49**	541
+45 mins.	67	**372**	439	31	175	206	**514**	37	**551**
Total Volume	354	1442	1796	119	756	875	1948	122	2070
% App. Total	19.7	80.3		13.6	86.4		94.1	5.9	
PHF	.805	.969	.972	.902	.867	.893	.947	.622	.939

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City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	81	350	431	32	257	289	362	26	388	1108
04:15 PM	111	426	537	33	177	210	409	33	442	1189
04:30 PM	120	419	539	35	193	228	383	16	399	1166
04:45 PM	101	442	543	42	183	225	403	25	428	1196
Total	413	1637	2050	142	810	952	1557	100	1657	4659
05:00 PM	104	463	567	36	270	306	390	19	409	1282
05:15 PM	117	465	582	43	201	244	411	21	432	1258
05:30 PM	91	416	507	48	203	251	410	36	446	1204
05:45 PM	94	390	484	32	148	180	382	36	418	1082
Total	406	1734	2140	159	822	981	1593	112	1705	4826
06:00 PM	98	356	454	28	133	161	304	24	328	943
06:15 PM	67	336	403	29	116	145	316	17	333	881
Grand Total	984	4063	5047	358	1881	2239	3770	253	4023	11309
Apprch %	19.5	80.5		16	84		93.7	6.3		
Total %	8.7	35.9	44.6	3.2	16.6	19.8	33.3	2.2	35.6	

	Laguna Canyon Road Southbound			Lake Forest Drive Westbound			Laguna Canyon Road Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	101	442	543	42	183	225	403	25	428	1196
05:00 PM	104	463	567	36	**270**	**306**	390	19	409	**1282**
05:15 PM	**117**	**465**	**582**	43	201	244	**411**	21	432	1258
05:30 PM	91	416	507	**48**	203	251	410	**36**	**446**	1204
Total Volume	413	1786	2199	169	857	1026	1614	101	1715	4940
% App. Total	18.8	81.2		16.5	83.5		94.1	5.9		
PHF	.882	.960	.945	.880	.794	.838	.982	.701	.961	.963

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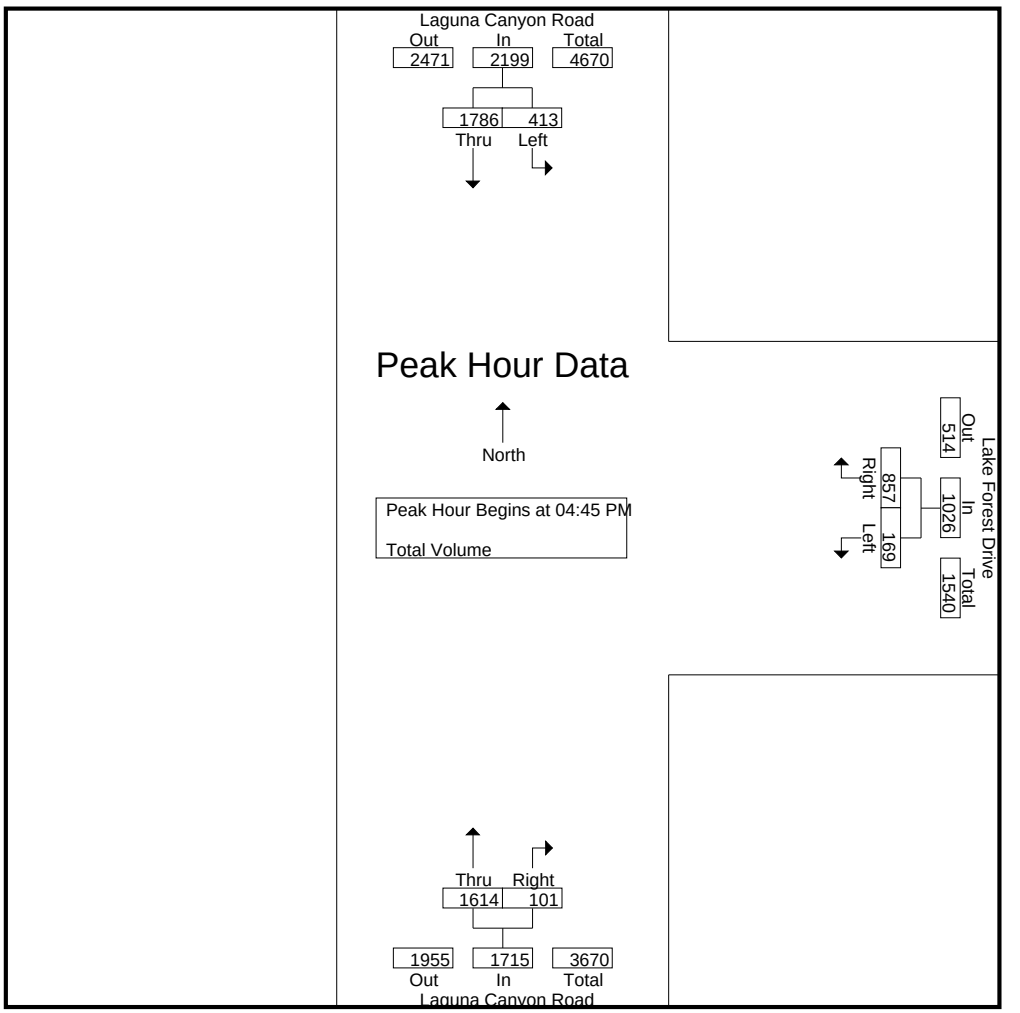
City of Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive
Weather: Clear

File Name : 406_IRV_Lag Cyn_LF Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:45 PM			04:45 PM		
+0 mins.	**120**	419	539	42	183	225	403	25	428
+15 mins.	101	442	543	36	**270**	**306**	390	19	409
+30 mins.	104	463	567	43	201	244	**411**	21	432
+45 mins.	117	**465**	**582**	**48**	203	251	410	**36**	**446**
Total Volume	442	1789	2231	169	857	1026	1614	101	1715
% App. Total	19.8	80.2		16.5	83.5		94.1	5.9	
PHF	.921	.962	.958	.880	.794	.838	.982	.701	.961

Location: Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Laguna Canyon Road	East Leg Lake Forest Drive	South Leg Laguna Canyon Road	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	0	0	1	0	1

	North Leg Laguna Canyon Road	East Leg Lake Forest Drive	South Leg Laguna Canyon Road	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

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Location: Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Laguna Canyon Road			Westbound Lake Forest Drive			Northbound Laguna Canyon Road			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	2	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	3	0	0	0	0	0	0	3

	Southbound Laguna Canyon Road			Westbound Lake Forest Drive			Northbound Laguna Canyon Road			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	1	0	0	0	0	1

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PO Box 1178
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Location: Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Laguna Canyon Road	East Leg Lake Forest Drive	South Leg Laguna Canyon Road	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	1

	North Leg Laguna Canyon Road	East Leg Lake Forest Drive	South Leg Laguna Canyon Road	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

Location: Irvine
N/S: Laguna Canyon Road
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Laguna Canyon Road			Westbound Lake Forest Drive			Northbound Laguna Canyon Road			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	1	0	0	1	0	0	0	3

	Southbound Laguna Canyon Road			Westbound Lake Forest Drive			Northbound Laguna Canyon Road			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
5:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	2	0	0	1	0	2	0	1	1	0	0	0	7

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City of Lake Forest
N/S: Bake Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 409_LKF_Bake_Comm AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Commercentre Drive Westbound				Bake Parkway Northbound				Commercentre Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	154	15	171	24	15	0	39	11	179	49	239	13	16	11	40	489
07:15 AM	2	176	13	191	30	17	1	48	13	133	54	200	10	21	16	47	486
07:30 AM	4	184	21	209	36	16	0	52	17	166	53	236	10	20	13	43	540
07:45 AM	6	205	25	236	21	24	3	48	16	178	62	256	35	32	16	83	623
Total	14	719	74	807	111	72	4	187	57	656	218	931	68	89	56	213	2138
08:00 AM	7	177	35	219	49	25	0	74	20	149	51	220	28	30	21	79	592
08:15 AM	1	182	40	223	27	12	0	39	25	157	55	237	19	26	10	55	554
08:30 AM	1	156	25	182	29	28	2	59	25	193	38	256	31	26	15	72	569
08:45 AM	0	179	23	202	30	25	1	56	22	197	36	255	29	32	14	75	588
Total	9	694	123	826	135	90	3	228	92	696	180	968	107	114	60	281	2303
Grand Total	23	1413	197	1633	246	162	7	415	149	1352	398	1899	175	203	116	494	4441
Apprch %	1.4	86.5	12.1		59.3	39	1.7		7.8	71.2	21		35.4	41.1	23.5		
Total %	0.5	31.8	4.4	36.8	5.5	3.6	0.2	9.3	3.4	30.4	9	42.8	3.9	4.6	2.6	11.1	

	Bake Parkway Southbound				Commercentre Drive Westbound				Bake Parkway Northbound				Commercentre Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	6	**205**	25	**236**	21	24	**3**	48	16	178	**62**	**256**	**35**	**32**	16	**83**	**623**
08:00 AM	**7**	177	35	219	**49**	25	0	**74**	20	149	51	220	28	30	**21**	79	592
08:15 AM	1	182	**40**	223	27	12	0	39	**25**	157	55	237	19	26	10	55	554
08:30 AM	1	156	25	182	29	**28**	2	59	25	**193**	38	256	31	26	15	72	569
Total Volume	15	720	125	860	126	89	5	220	86	677	206	969	113	114	62	289	2338
% App. Total	1.7	83.7	14.5		57.3	40.5	2.3		8.9	69.9	21.3		39.1	39.4	21.5		
PHF	.536	.878	.781	.911	.643	.795	.417	.743	.860	.877	.831	.946	.807	.891	.738	.870	.938

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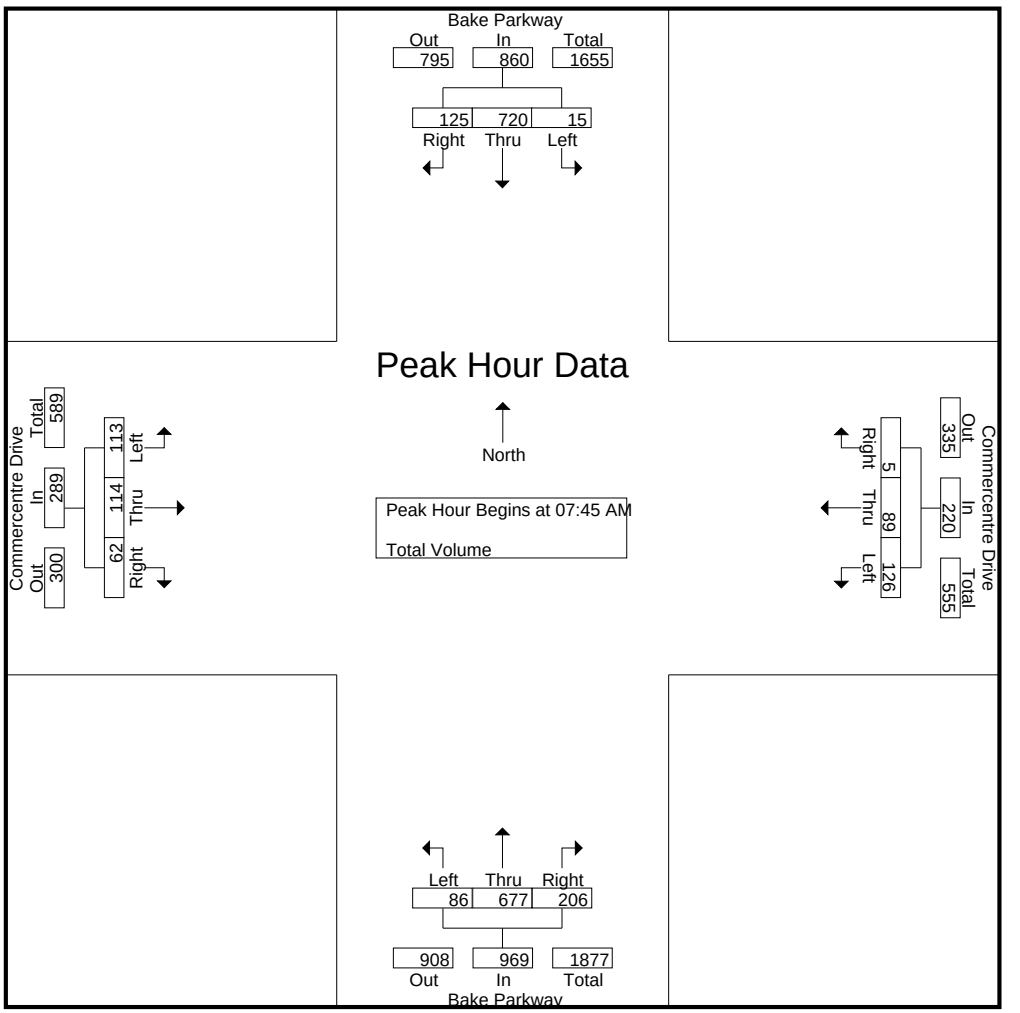
City of Lake Forest
N/S: Bake Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 409_LKF_Bake_Comm AM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	4	184	21	209	**49**	25	0	**74**	16	178	**62**	**256**	**35**	**32**	16	**83**
+15 mins.	6	**205**	25	**236**	27	12	0	39	20	149	51	220	28	30	**21**	79
+30 mins.	**7**	177	35	219	29	**28**	**2**	59	**25**	157	55	237	19	26	10	55
+45 mins.	1	182	**40**	223	30	25	1	56	25	**193**	38	256	31	26	15	72
Total Volume	18	748	121	887	135	90	3	228	86	677	206	969	113	114	62	289
% App. Total	2	84.3	13.6		59.2	39.5	1.3		8.9	69.9	21.3		39.1	39.4	21.5	
PHF	.643	.912	.756	.940	.689	.804	.375	.770	.860	.877	.831	.946	.807	.891	.738	.870

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City of Lake Forest
N/S: Bake Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 409_LKF_Bake_Comm PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Commercentre Drive Westbound				Bake Parkway Northbound				Commercentre Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	177	36	215	62	34	5	101	14	223	36	273	39	27	19	85	674
04:15 PM	2	170	24	196	42	39	4	85	21	220	29	270	15	25	13	53	604
04:30 PM	2	171	28	201	55	57	1	113	23	238	28	289	24	27	14	65	668
04:45 PM	5	161	25	191	51	43	3	97	13	237	45	295	31	42	10	83	666
Total	11	679	113	803	210	173	13	396	71	918	138	1127	109	121	56	286	2612
05:00 PM	8	191	40	239	73	71	3	147	15	257	37	309	36	31	24	91	786
05:15 PM	3	176	35	214	37	39	4	80	15	235	36	286	45	26	11	82	662
05:30 PM	3	173	47	223	37	51	1	89	31	251	40	322	29	20	18	67	701
05:45 PM	3	141	30	174	30	28	2	60	20	230	46	296	26	25	15	66	596
Total	17	681	152	850	177	189	10	376	81	973	159	1213	136	102	68	306	2745
Grand Total	28	1360	265	1653	387	362	23	772	152	1891	297	2340	245	223	124	592	5357
Apprch %	1.7	82.3	16		50.1	46.9	3		6.5	80.8	12.7		41.4	37.7	20.9		
Total %	0.5	25.4	4.9	30.9	7.2	6.8	0.4	14.4	2.8	35.3	5.5	43.7	4.6	4.2	2.3	11.1	

	Bake Parkway Southbound				Commercentre Drive Westbound				Bake Parkway Northbound				Commercentre Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	5	161	25	191	51	43	3	97	13	237	**45**	295	31	**42**	10	83	666
05:00 PM	**8**	**191**	40	**239**	**73**	**71**	3	**147**	15	**257**	37	309	36	31	**24**	**91**	**786**
05:15 PM	3	176	35	214	37	39	**4**	80	15	235	36	286	**45**	26	11	82	662
05:30 PM	3	173	**47**	223	37	51	1	89	**31**	251	40	**322**	29	20	18	67	701
Total Volume	19	701	147	867	198	204	11	413	74	980	158	1212	141	119	63	323	2815
% App. Total	2.2	80.9	17		47.9	49.4	2.7		6.1	80.9	13		43.7	36.8	19.5		
PHF	.594	.918	.782	.907	.678	.718	.688	.702	.597	.953	.878	.941	.783	.708	.656	.887	.895

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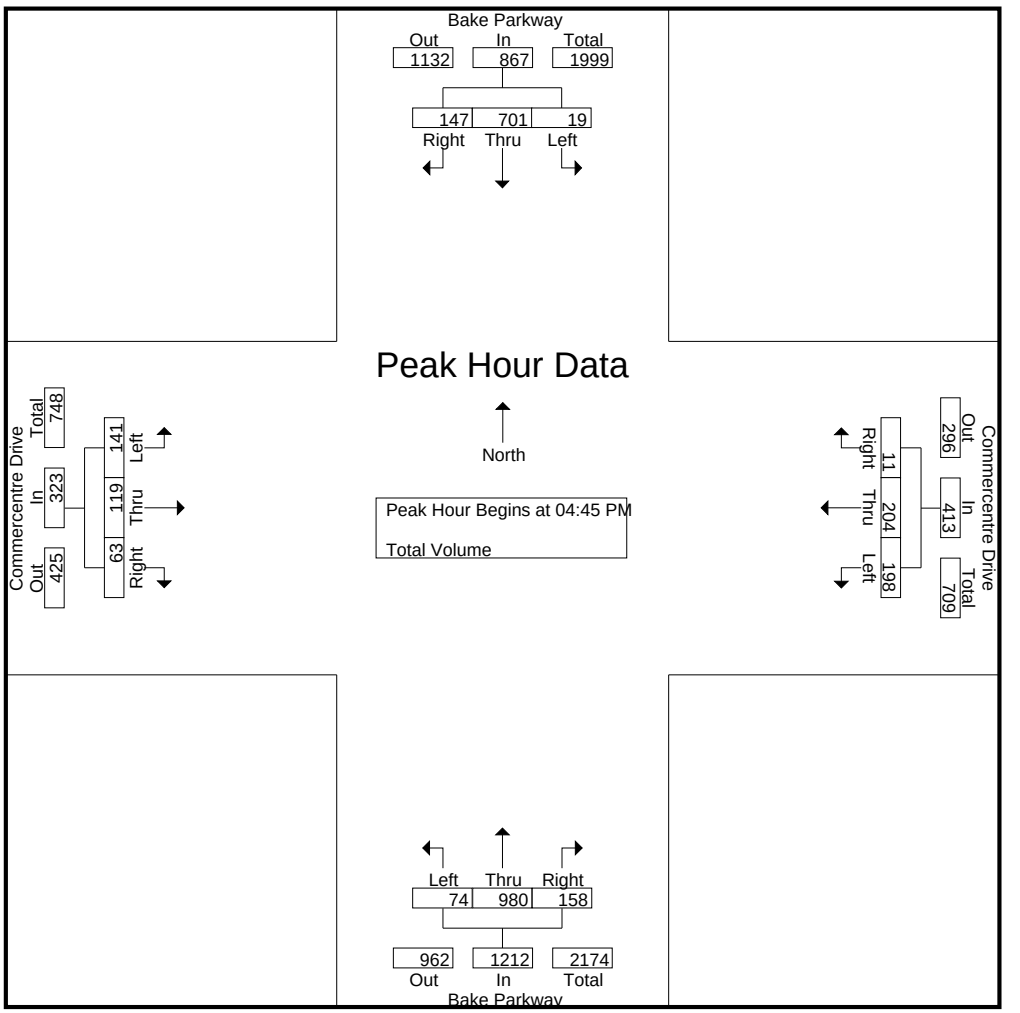
City of Lake Forest
N/S: Bake Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 409_LKF_Bake_Comm PM5
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				05:00 PM				04:45 PM			
+0 mins.	5	161	25	191	42	39	**4**	85	15	**257**	37	309	31	**42**	10	83
+15 mins.	**8**	**191**	40	**239**	55	57	1	113	15	235	36	286	36	31	**24**	**91**
+30 mins.	3	176	35	214	51	43	3	97	**31**	251	40	**322**	**45**	26	11	82
+45 mins.	3	173	**47**	223	**73**	**71**	3	**147**	20	230	**46**	296	29	20	18	67
Total Volume	19	701	147	867	221	210	11	442	81	973	159	1213	141	119	63	323
% App. Total	2.2	80.9	17		50	47.5	2.5		6.7	80.2	13.1		43.7	36.8	19.5	
PHF	.594	.918	.782	.907	.757	.739	.688	.752	.653	.946	.864	.942	.783	.708	.656	.887

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(951) 268-6268

City of Irvine
N/S: Bake Parkway/Rue De Valore
E/W: Lake Forest Drive
Weather: Clear

File Name : 410_IRV_Bake_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	4	21	25	90	8	98	8	41	49	172
07:15 AM	6	25	31	115	4	119	11	55	66	216
07:30 AM	11	32	43	155	5	160	10	54	64	267
07:45 AM	6	81	87	149	10	159	27	84	111	357
Total	27	159	186	509	27	536	56	234	290	1012
08:00 AM	5	90	95	133	8	141	35	88	123	359
08:15 AM	9	55	64	140	11	151	44	99	143	358
08:30 AM	12	52	64	127	9	136	36	52	88	288
08:45 AM	8	33	41	126	6	132	39	80	119	292
Total	34	230	264	526	34	560	154	319	473	1297
Grand Total	61	389	450	1035	61	1096	210	553	763	2309
Apprch %	13.6	86.4		94.4	5.6		27.5	72.5		
Total %	2.6	16.8	19.5	44.8	2.6	47.5	9.1	23.9	33	

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	6	81	87	**149**	10	**159**	27	84	111	357
08:00 AM	5	**90**	**95**	133	8	141	35	88	123	**359**
08:15 AM	9	55	64	140	**11**	151	**44**	**99**	**143**	358
08:30 AM	**12**	52	64	127	9	136	36	52	88	288
Total Volume	32	278	310	549	38	587	142	323	465	1362
% App. Total	10.3	89.7		93.5	6.5		30.5	69.5		
PHF	.667	.772	.816	.921	.864	.923	.807	.816	.813	.948

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City of Irvine
N/S: Bake Parkway/Rue De Valore
E/W: Lake Forest Drive
Weather: Clear

File Name : 410_IRV_Bake_LF Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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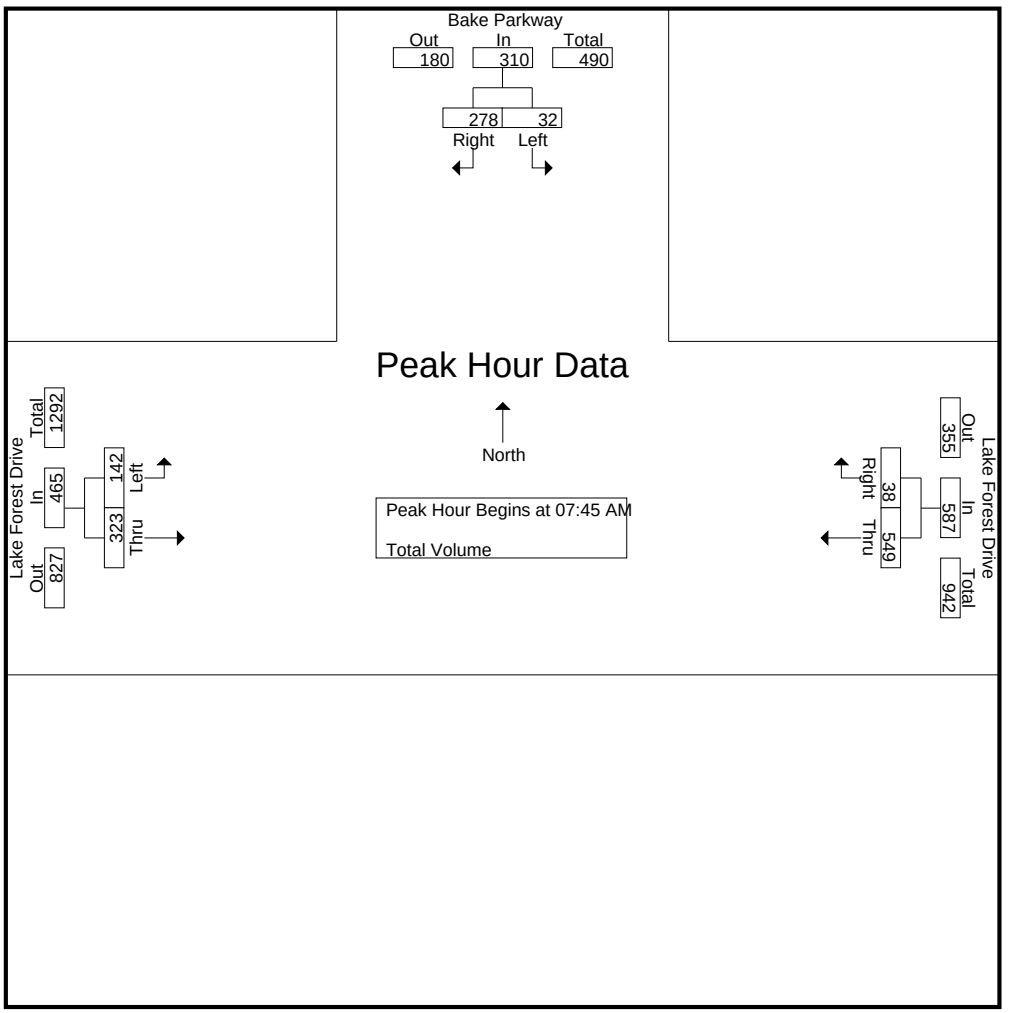

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:30 AM			08:00 AM		
+0 mins.	6	81	87	**155**	5	**160**	35	88	123
+15 mins.	5	**90**	**95**	149	10	159	**44**	**99**	**143**
+30 mins.	9	55	64	133	8	141	36	52	88
+45 mins.	**12**	52	64	140	**11**	151	39	80	119
Total Volume	32	278	310	577	34	611	154	319	473
% App. Total	10.3	89.7		94.4	5.6		32.6	67.4	
PHF	.667	.772	.816	.931	.773	.955	.875	.806	.827

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Groups Printed- Total Volume

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	10	67	77	214	18	232	16	87	103	412
04:15 PM	9	40	49	162	6	168	12	101	113	330
04:30 PM	31	58	89	163	9	172	20	96	116	377
04:45 PM	14	53	67	149	7	156	21	117	138	361
Total	64	218	282	688	40	728	69	401	470	1480
05:00 PM	15	102	117	250	6	256	16	109	125	498
05:15 PM	10	71	81	206	8	214	27	119	146	441
05:30 PM	31	85	116	192	9	201	21	103	124	441
05:45 PM	15	49	64	138	12	150	19	102	121	335
Total	71	307	378	786	35	821	83	433	516	1715
06:00 PM	19	50	69	132	4	136	21	93	114	319
06:15 PM	23	39	62	90	12	102	23	73	96	260
Grand Total	177	614	791	1696	91	1787	196	1000	1196	3774
Apprch %	22.4	77.6		94.9	5.1		16.4	83.6		
Total %	4.7	16.3	21	44.9	2.4	47.4	5.2	26.5	31.7	

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	14	53	67	149	7	156	21	117	138	361
05:00 PM	15	**102**	**117**	**250**	6	**256**	16	109	125	**498**
05:15 PM	10	71	81	206	8	214	**27**	**119**	**146**	441
05:30 PM	**31**	85	116	192	**9**	201	21	103	124	441
Total Volume	70	311	381	797	30	827	85	448	533	1741
% App. Total	18.4	81.6		96.4	3.6		15.9	84.1		
PHF	.565	.762	.814	.797	.833	.808	.787	.941	.913	.874

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File Name : 410_IRV_Bake_LF Tue PM
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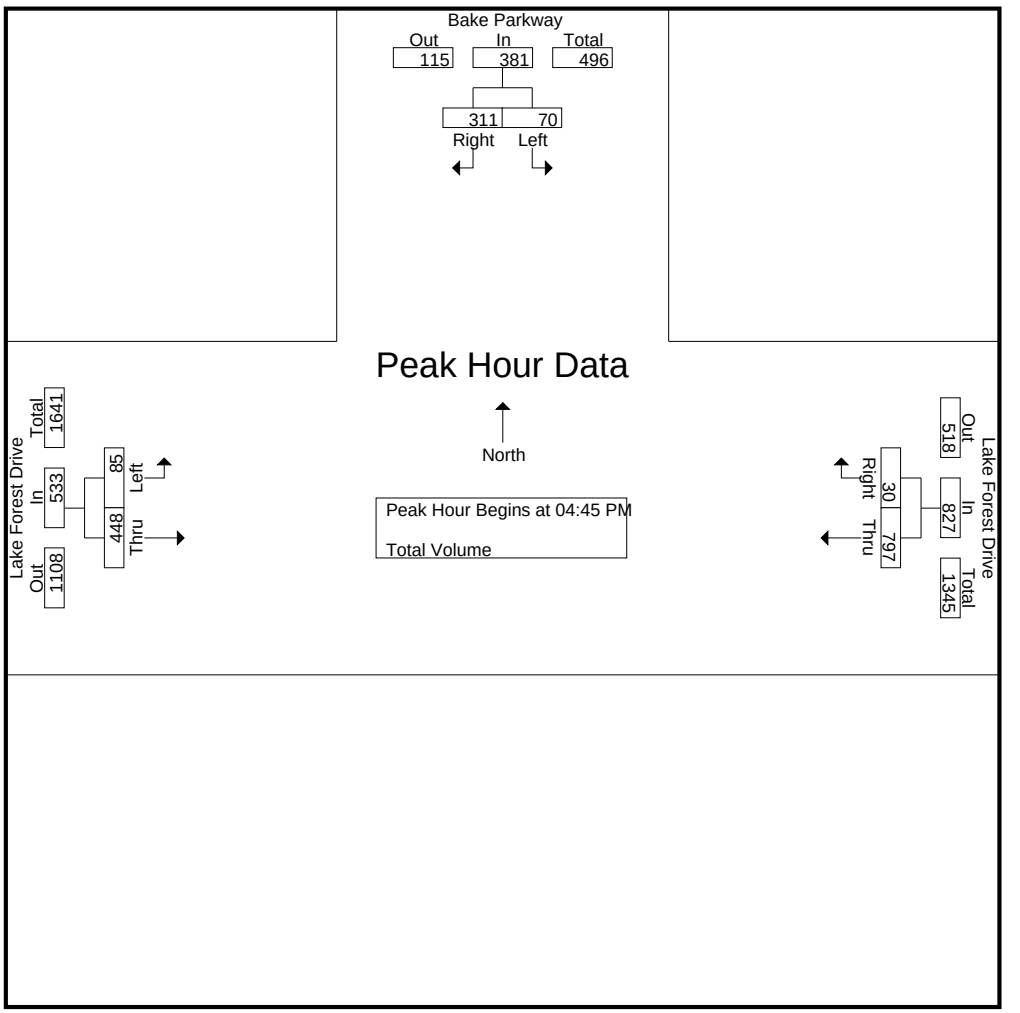

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			04:45 PM			04:45 PM		
+0 mins.	14	53	67	149	7	156	21	117	138
+15 mins.	15	**102**	**117**	**250**	6	**256**	16	109	125
+30 mins.	10	71	81	206	8	214	**27**	**119**	**146**
+45 mins.	**31**	85	116	192	**9**	201	21	103	124
Total Volume	70	311	381	797	30	827	85	448	533
% App. Total	18.4	81.6		96.4	3.6		15.9	84.1	
PHF	.565	.762	.814	.797	.833	.808	.787	.941	.913

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City of Irvine
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File Name : 410_IRV_Bake_LF Thu AM
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Groups Printed- Total Volume

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	2	16	18	88	4	92	10	35	45	155
07:15 AM	7	17	24	120	7	127	11	41	52	203
07:30 AM	5	32	37	123	1	124	13	58	71	232
07:45 AM	7	78	85	122	12	134	23	92	115	334
Total	21	143	164	453	24	477	57	226	283	924
08:00 AM	6	96	102	124	7	131	25	89	114	347
08:15 AM	10	48	58	151	11	162	47	76	123	343
08:30 AM	7	34	41	141	9	150	32	85	117	308
08:45 AM	9	28	37	121	8	129	23	62	85	251
Total	32	206	238	537	35	572	127	312	439	1249
Grand Total	53	349	402	990	59	1049	184	538	722	2173
Apprch %	13.2	86.8		94.4	5.6		25.5	74.5		
Total %	2.4	16.1	18.5	45.6	2.7	48.3	8.5	24.8	33.2	

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	7	78	85	122	**12**	134	23	**92**	115	334
08:00 AM	6	**96**	**102**	124	7	131	25	89	114	**347**
08:15 AM	**10**	48	58	**151**	11	**162**	**47**	76	**123**	343
08:30 AM	7	34	41	141	9	150	32	85	117	308
Total Volume	30	256	286	538	39	577	127	342	469	1332
% App. Total	10.5	89.5		93.2	6.8		27.1	72.9		
PHF	.750	.667	.701	.891	.813	.890	.676	.929	.953	.960

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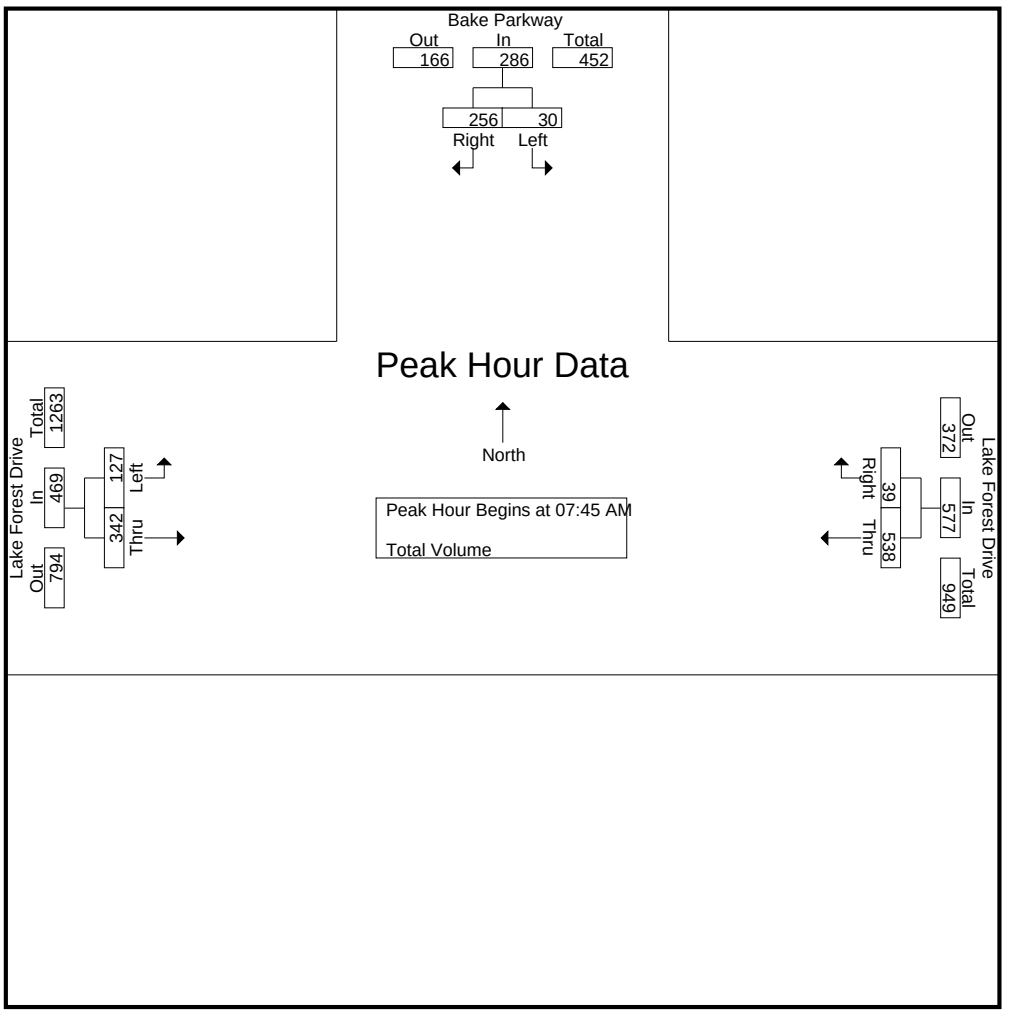

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:45 AM		
+0 mins.	7	78	85	122	**12**	134	23	**92**	115
+15 mins.	6	**96**	**102**	124	7	131	25	89	114
+30 mins.	**10**	48	58	**151**	11	**162**	**47**	76	**123**
+45 mins.	7	34	41	141	9	150	32	85	117
Total Volume	30	256	286	538	39	577	127	342	469
% App. Total	10.5	89.5		93.2	6.8		27.1	72.9	
PHF	.750	.667	.701	.891	.813	.890	.676	.929	.953

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File Name : 410_IRV_Bake_LF Thu PM
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Groups Printed- Total Volume

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	15	76	91	220	9	229	22	90	112	432
04:15 PM	15	57	72	151	7	158	32	102	134	364
04:30 PM	17	66	83	175	13	188	15	112	127	398
04:45 PM	14	60	74	140	8	148	19	109	128	350
Total	61	259	320	686	37	723	88	413	501	1544
05:00 PM	13	78	91	244	15	259	17	98	115	465
05:15 PM	14	64	78	177	15	192	20	106	126	396
05:30 PM	16	69	85	189	15	204	29	88	117	406
05:45 PM	19	41	60	119	5	124	28	115	143	327
Total	62	252	314	729	50	779	94	407	501	1594
06:00 PM	12	50	62	109	8	117	24	83	107	286
06:15 PM	19	43	62	111	3	114	18	66	84	260
Grand Total	154	604	758	1635	98	1733	224	969	1193	3684
Apprch %	20.3	79.7		94.3	5.7		18.8	81.2		
Total %	4.2	16.4	20.6	44.4	2.7	47	6.1	26.3	32.4	

	Bake Parkway Southbound			Lake Forest Drive Westbound			Lake Forest Drive Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	14	60	74	140	8	148	19	**109**	**128**	350
05:00 PM	13	**78**	**91**	**244**	**15**	**259**	17	98	115	**465**
05:15 PM	14	64	78	177	15	192	20	106	126	396
05:30 PM	**16**	69	85	189	15	204	**29**	88	117	406
Total Volume	57	271	328	750	53	803	85	401	486	1617
% App. Total	17.4	82.6		93.4	6.6		17.5	82.5		
PHF	.891	.869	.901	.768	.883	.775	.733	.920	.949	.869

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City of Irvine
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File Name : 410_IRV_Bake_LF Thu PM
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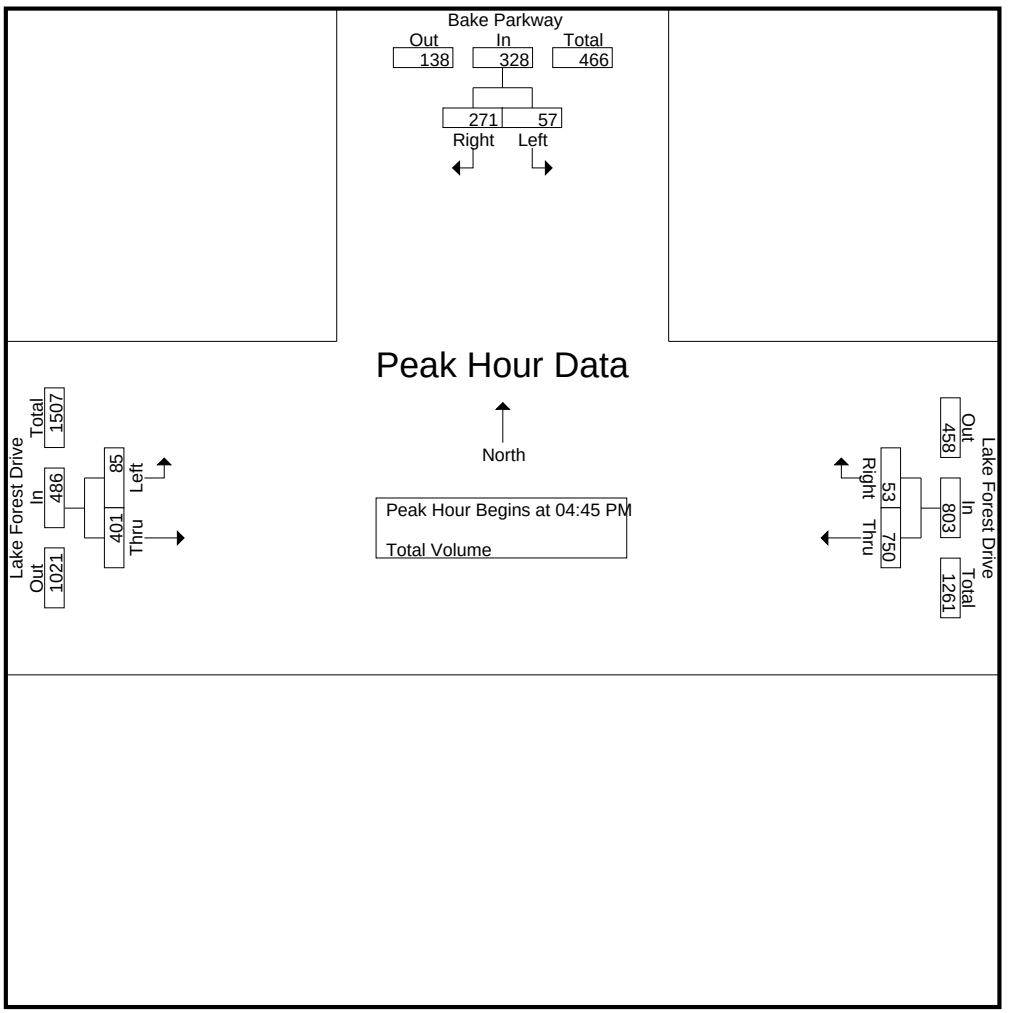

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			04:45 PM			04:15 PM		
+0 mins.	14	60	74	140	8	148	**32**	102	**134**
+15 mins.	13	**78**	**91**	**244**	**15**	**259**	15	**112**	127
+30 mins.	14	64	78	177	15	192	19	109	128
+45 mins.	**16**	69	85	189	15	204	17	98	115
Total Volume	57	271	328	750	53	803	83	421	504
% App. Total	17.4	82.6		93.4	6.6		16.5	83.5	
PHF	.891	.869	.901	.768	.883	.775	.648	.940	.940

Location: Irvine
N/S: Bake Pkwy/Rue De Valore
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Bake Parkway	East Leg Lake Forest Drive	South Leg Rue De Valore	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	1	0	0	0	1
7:30 AM	0	0	0	0	0
7:45 AM	1	1	0	0	2
8:00 AM	0	0	0	0	0
8:15 AM	3	1	0	0	4
8:30 AM	1	1	0	0	2
8:45 AM	4	0	0	0	4
TOTAL VOLUMES:	10	3	0	0	13

	North Leg Bake Parkway	East Leg Lake Forest Drive	South Leg Rue De Valore	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	2	0	0	4
4:15 PM	0	0	0	0	0
4:30 PM	0	3	0	0	3
4:45 PM	1	3	0	0	4
5:00 PM	0	0	0	0	0
5:15 PM	2	0	0	0	2
5:30 PM	1	0	0	0	1
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	6	8	0	0	14

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Location: Irvine
N/S: Bake Pkwy/Rue De Valore
E/W: Lake Forest Drive

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Bake Parkway			Westbound Lake Forest Drive			Northbound Rue De Valore			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	2	0	0	0	0	0	0	2
8:30 AM	0	0	1	0	2	0	0	0	0	0	0	0	3
8:45 AM	0	0	0	0	2	0	0	0	0	1	1	0	4
TOTAL VOLUMES:	0	0	1	0	4	3	0	0	0	1	1	0	10

	Southbound Bake Parkway			Westbound Lake Forest Drive			Northbound Rue De Valore			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	2	0	0	0	0	1	0	0	0	0	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	5	0	0	0	1	1	0	0	0	0	0	0	7

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Location: Irvine
N/S: Bake Pkwy/Rue De Valore
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Bake Parkway	East Leg Lake Forest Drive	South Leg Rue De Valore	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	1	1	0	0	2
8:15 AM	0	1	0	0	1
8:30 AM	1	0	0	0	1
8:45 AM	1	1	0	0	2
TOTAL VOLUMES:	3	3	0	0	6

	North Leg Bake Parkway	East Leg Lake Forest Drive	South Leg Rue De Valore	West Leg Lake Forest Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	2	0	0	2
4:15 PM	0	0	0	0	0
4:30 PM	2	4	0	0	6
4:45 PM	2	2	0	0	4
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	5	8	0	0	13

Location: Irvine
N/S: Bake Pkwy/Rue De Valore
E/W: Lake Forest Drive

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Bake Parkway			Westbound Lake Forest Drive			Northbound Rue De Valore			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	1	0	0	0	0	2	0	4

	Southbound Bake Parkway			Westbound Lake Forest Drive			Northbound Rue De Valore			Eastbound Lake Forest Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	2	0	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	1	0	1	0	0	0	0	0	0	1	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	1	0	0	0	0	1	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	6	0	0	0	0	0	0	0	0	0	6
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	4	0	7	0	1	0	0	0	0	2	0	0	14

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Trabuco Road
Weather: Clear

File Name : 412_LKF_RiRte_Tra AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Trabuco Road Westbound			Ridge Route Drive Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	15	166	181	16	15	31	114	22	136	348
07:15 AM	23	196	219	27	31	58	124	101	225	502
07:30 AM	26	267	293	44	39	83	133	48	181	557
07:45 AM	46	271	317	25	20	45	203	55	258	620
Total	110	900	1010	112	105	217	574	226	800	2027
08:00 AM	66	240	306	34	79	113	187	90	277	696
08:15 AM	26	279	305	84	100	184	169	94	263	752
08:30 AM	14	217	231	42	42	84	183	23	206	521
08:45 AM	16	232	248	10	17	27	168	9	177	452
Total	122	968	1090	170	238	408	707	216	923	2421
Grand Total	232	1868	2100	282	343	625	1281	442	1723	4448
Apprch %	11	89		45.1	54.9		74.3	25.7		
Total %	5.2	42	47.2	6.3	7.7	14.1	28.8	9.9	38.7	

	Trabuco Road Westbound			Ridge Route Drive Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	26	267	293	44	39	83	133	48	181	557
07:45 AM	46	271	**317**	25	20	45	**203**	55	258	620
08:00 AM	**66**	240	306	34	79	113	187	90	**277**	696
08:15 AM	26	**279**	305	**84**	**100**	**184**	169	**94**	263	**752**
Total Volume	164	1057	1221	187	238	425	692	287	979	2625
% App. Total	13.4	86.6		44	56		70.7	29.3		
PHF	.621	.947	.963	.557	.595	.577	.852	.763	.884	.873

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Trabuco Road
Weather: Clear

File Name : 412_LKF_RiRte_Tra AM
Site Code : 05124139
Start Date : 2/15/2024
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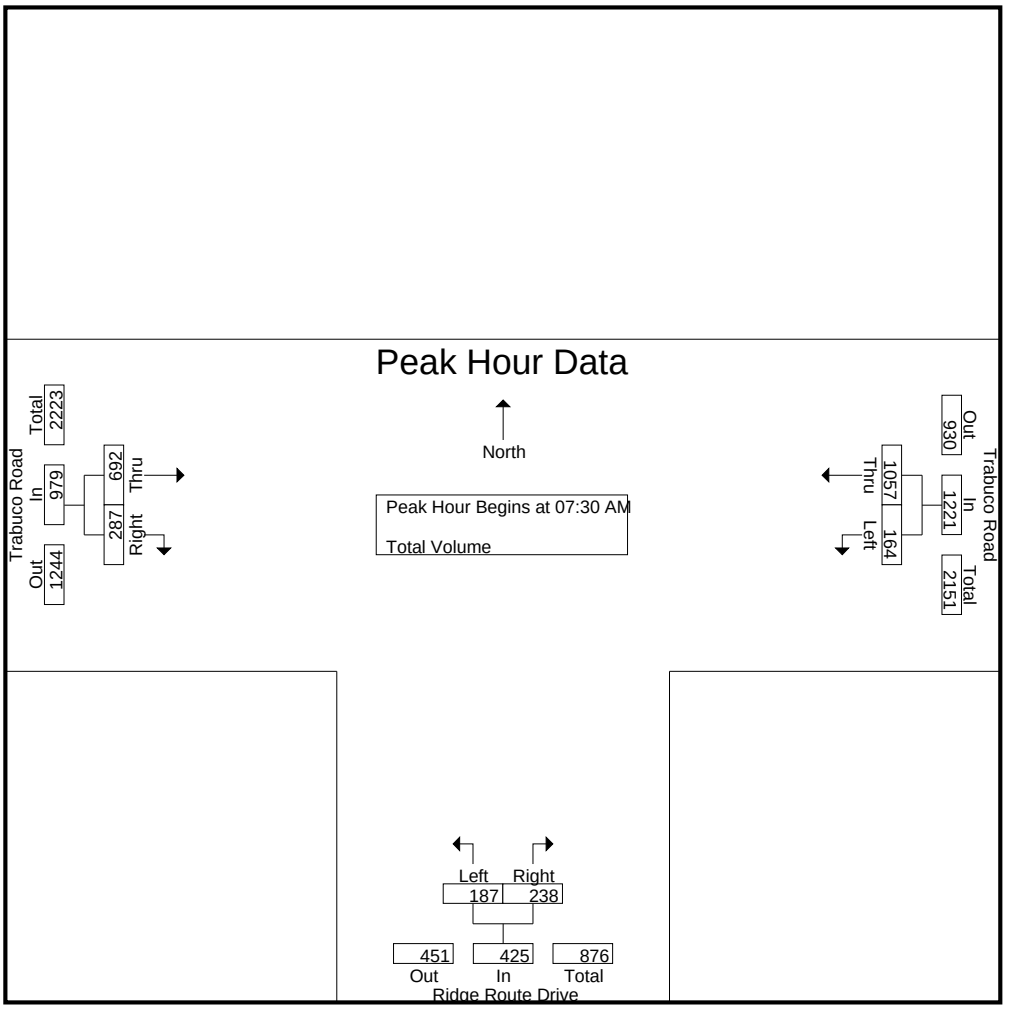

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:45 AM			07:45 AM		
+0 mins.	26	267	293	25	20	45	**203**	55	258
+15 mins.	46	271	**317**	34	79	113	187	90	**277**
+30 mins.	**66**	240	306	**84**	**100**	**184**	169	**94**	263
+45 mins.	26	**279**	305	42	42	84	183	23	206
Total Volume	164	1057	1221	185	241	426	742	262	1004
% App. Total	13.4	86.6		43.4	56.6		73.9	26.1	
PHF	.621	.947	.963	.551	.603	.579	.914	.697	.906

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City of Lake Forest
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File Name : 412_LKF_RiRte_Tra PM
Site Code : 05124139
Start Date : 2/15/2024
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Groups Printed- Total Volume

	Trabuco Road Westbound			Ridge Route Drive Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	32	215	247	41	54	95	314	29	343	685
04:15 PM	39	212	251	33	49	82	295	21	316	649
04:30 PM	18	226	244	59	47	106	355	30	385	735
04:45 PM	33	224	257	42	51	93	327	29	356	706
Total	122	877	999	175	201	376	1291	109	1400	2775
05:00 PM	41	205	246	34	46	80	344	32	376	702
05:15 PM	29	221	250	32	37	69	362	19	381	700
05:30 PM	24	204	228	41	41	82	351	29	380	690
05:45 PM	15	218	233	23	30	53	346	25	371	657
Total	109	848	957	130	154	284	1403	105	1508	2749
Grand Total	231	1725	1956	305	355	660	2694	214	2908	5524
Apprch %	11.8	88.2		46.2	53.8		92.6	7.4		
Total %	4.2	31.2	35.4	5.5	6.4	11.9	48.8	3.9	52.6	

	Trabuco Road Westbound			Ridge Route Drive Northbound			Trabuco Road Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	18	**226**	244	**59**	47	**106**	355	30	**385**	**735**
04:45 PM	33	224	**257**	42	**51**	93	327	29	356	706
05:00 PM	**41**	205	246	34	46	80	344	**32**	376	702
05:15 PM	29	221	250	32	37	69	**362**	19	381	700
Total Volume	121	876	997	167	181	348	1388	110	1498	2843
% App. Total	12.1	87.9		48	52		92.7	7.3		
PHF	.738	.969	.970	.708	.887	.821	.959	.859	.973	.967

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City of Lake Forest
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File Name : 412_LKF_RiRte_Tra PM
Site Code : 05124139
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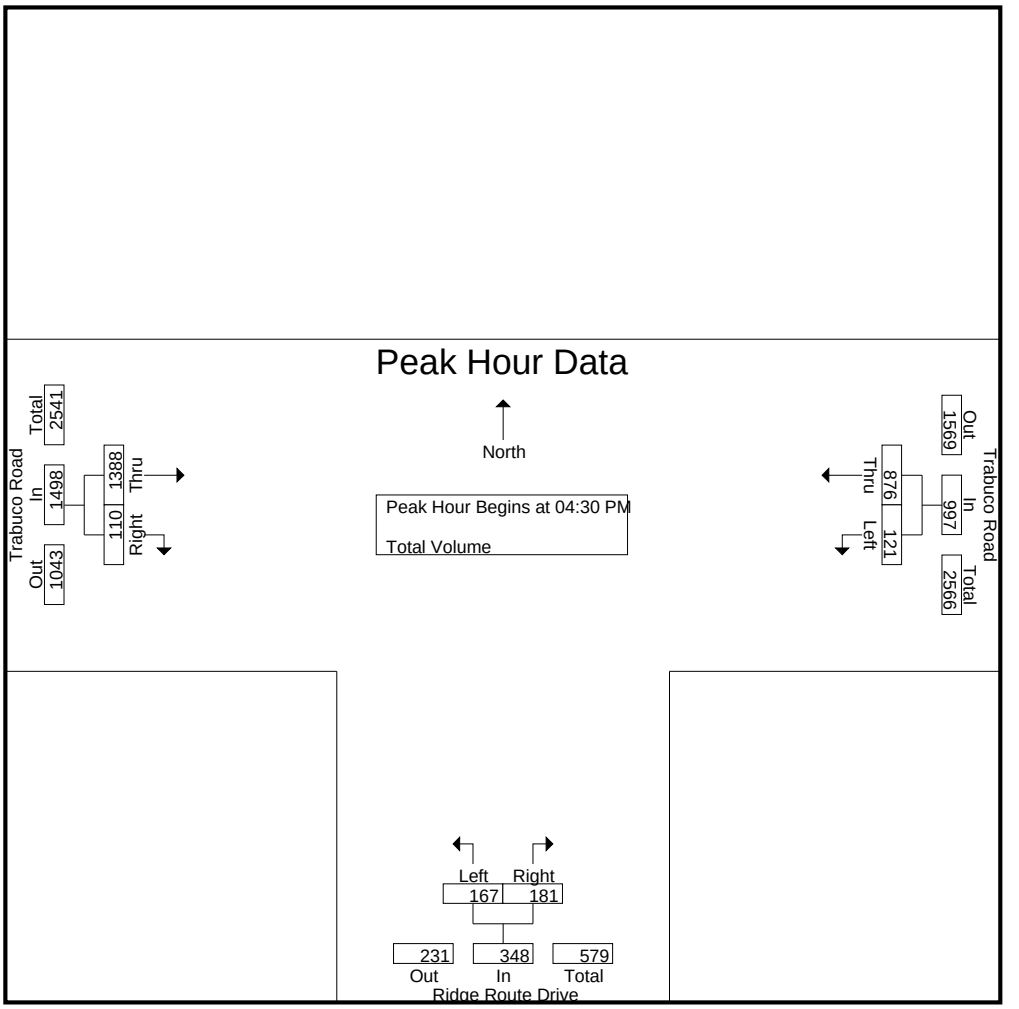

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			05:00 PM		
+0 mins.	32	215	247	41	**54**	95	344	**32**	376
+15 mins.	**39**	212	251	33	49	82	**362**	19	**381**
+30 mins.	18	**226**	244	**59**	47	**106**	351	29	380
+45 mins.	33	224	**257**	42	51	93	346	25	371
Total Volume	122	877	999	175	201	376	1403	105	1508
% App. Total	12.2	87.8		46.5	53.5		93	7	
PHF	.782	.970	.972	.742	.931	.887	.969	.820	.990

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Trabuco Road

ITAM: 412
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Dead End	East Leg Trabuco Road	South Leg Ridge Route Drive	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	3	4
7:30 AM	0	0	0	4	4
7:45 AM	0	0	0	1	1
8:00 AM	0	0	0	4	4
8:15 AM	0	0	0	4	4
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	0	0	1	17	18

	North Leg Dead End	East Leg Trabuco Road	South Leg Ridge Route Drive	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	1	2
4:15 PM	0	0	1	2	3
4:30 PM	0	0	0	4	4
4:45 PM	0	0	1	3	4
5:00 PM	0	0	1	2	3
5:15 PM	0	0	1	1	2
5:30 PM	0	0	0	1	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	5	14	19

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Trabuco Road

ITAM: 412
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Dead End			Westbound Trabuco Road			Northbound Ridge Route Drive			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
7:45 AM	0	0	0	1	0	0	1	0	0	0	0	1	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	2	0	2	0	0	0	0	2	7

	Southbound Dead End			Westbound Trabuco Road			Northbound Ridge Route Drive			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	1	0	0	0	2
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	1	0	0	0	0	0	0	1	0	2
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	1	0	0	0	1	0	1	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	4	0	0	0	2	0	2	0	9

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Toledo Way
Weather: Clear

File Name : 413_LKF_RiRte_Tol AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Toledo Way Westbound				Ridge Route Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	32	8	48	7	28	2	37	0	30	13	43	2	16	2	20	148
07:15 AM	27	34	16	77	19	72	9	100	3	29	29	61	7	52	2	61	299
07:30 AM	26	59	13	98	17	51	5	73	5	25	16	46	6	32	5	43	260
07:45 AM	14	81	18	113	18	32	11	61	5	59	15	79	3	33	12	48	301
Total	75	206	55	336	61	183	27	271	13	143	73	229	18	133	21	172	1008
08:00 AM	42	110	46	198	37	70	14	121	14	83	46	143	7	72	23	102	564
08:15 AM	41	104	24	169	47	64	25	136	13	94	71	178	14	52	7	73	556
08:30 AM	10	41	8	59	6	29	3	38	6	35	6	47	4	19	6	29	173
08:45 AM	3	22	3	28	5	17	4	26	0	22	2	24	1	17	3	21	99
Total	96	277	81	454	95	180	46	321	33	234	125	392	26	160	39	225	1392
Grand Total	171	483	136	790	156	363	73	592	46	377	198	621	44	293	60	397	2400
Apprch %	21.6	61.1	17.2		26.4	61.3	12.3		7.4	60.7	31.9		11.1	73.8	15.1		
Total %	7.1	20.1	5.7	32.9	6.5	15.1	3	24.7	1.9	15.7	8.2	25.9	1.8	12.2	2.5	16.5	

	Ridge Route Drive Southbound				Toledo Way Westbound				Ridge Route Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	26	59	13	98	17	51	5	73	5	25	16	46	6	32	5	43	260
07:45 AM	14	81	18	113	18	32	11	61	5	59	15	79	3	33	12	48	301
08:00 AM	**42**	**110**	**46**	**198**	37	**70**	14	121	**14**	83	46	143	7	**72**	**23**	**102**	**564**
08:15 AM	41	104	24	169	**47**	64	**25**	**136**	13	**94**	**71**	**178**	**14**	52	7	73	556
Total Volume	123	354	101	578	119	217	55	391	37	261	148	446	30	189	47	266	1681
% App. Total	21.3	61.2	17.5		30.4	55.5	14.1		8.3	58.5	33.2		11.3	71.1	17.7		
PHF	.732	.805	.549	.730	.633	.775	.550	.719	.661	.694	.521	.626	.536	.656	.511	.652	.745

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City of Lake Forest
N/S: Ridge Route Drive
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Weather: Clear

File Name : 413_LKF_RiRte_Tol AM
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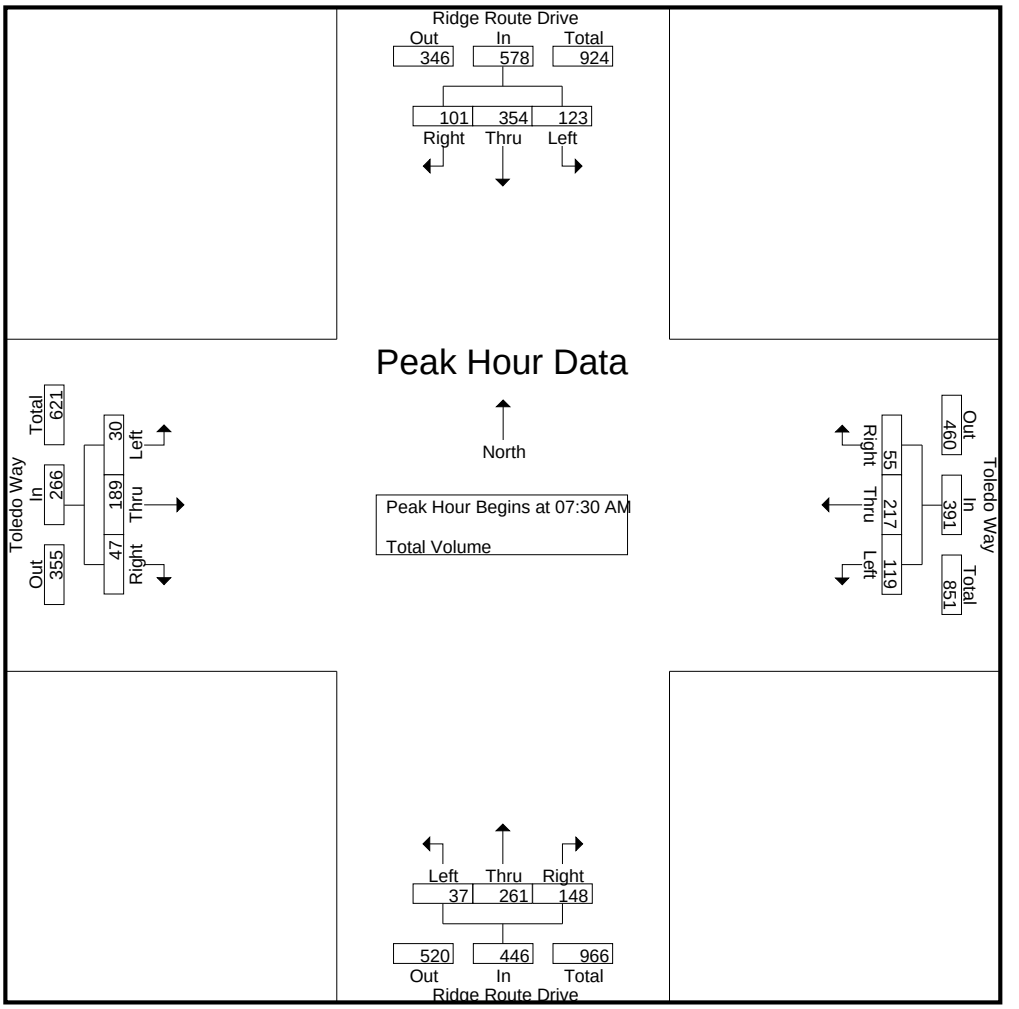

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	26	59	13	98	17	51	5	73	5	59	15	79	6	32	5	43
+15 mins.	14	81	18	113	18	32	11	61	**14**	83	46	143	3	33	12	48
+30 mins.	**42**	**110**	**46**	**198**	37	**70**	14	121	13	**94**	**71**	**178**	7	**72**	**23**	**102**
+45 mins.	41	104	24	169	**47**	64	**25**	**136**	6	35	6	47	**14**	52	7	73
Total Volume	123	354	101	578	119	217	55	391	38	271	138	447	30	189	47	266
% App. Total	21.3	61.2	17.5		30.4	55.5	14.1		8.5	60.6	30.9		11.3	71.1	17.7	
PHF	.732	.805	.549	.730	.633	.775	.550	.719	.679	.721	.486	.628	.536	.656	.511	.652

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Toledo Way
Weather: Clear

File Name : 413_LKF_RiRte_Tol PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Toledo Way Westbound				Ridge Route Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	17	43	2	62	10	14	8	32	3	55	11	69	9	55	0	64	227
04:15 PM	11	57	6	74	6	14	8	28	4	56	4	64	9	52	3	64	230
04:30 PM	12	38	9	59	6	15	9	30	8	61	6	75	7	56	6	69	233
04:45 PM	11	58	13	82	4	17	6	27	4	53	6	63	12	64	4	80	252
Total	51	196	30	277	26	60	31	117	19	225	27	271	37	227	13	277	942
05:00 PM	12	40	8	60	2	21	14	37	0	47	8	55	10	58	8	76	228
05:15 PM	7	25	6	38	4	26	15	45	4	57	8	69	15	61	3	79	231
05:30 PM	11	43	8	62	4	28	15	47	4	43	5	52	10	52	3	65	226
05:45 PM	10	29	5	44	5	20	12	37	4	40	11	55	6	47	7	60	196
Total	40	137	27	204	15	95	56	166	12	187	32	231	41	218	21	280	881
Grand Total	91	333	57	481	41	155	87	283	31	412	59	502	78	445	34	557	1823
Apprch %	18.9	69.2	11.9		14.5	54.8	30.7		6.2	82.1	11.8		14	79.9	6.1		
Total %	5	18.3	3.1	26.4	2.2	8.5	4.8	15.5	1.7	22.6	3.2	27.5	4.3	24.4	1.9	30.6	

	Ridge Route Drive Southbound				Toledo Way Westbound				Ridge Route Drive Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**12**	38	9	59	**6**	15	9	30	**8**	**61**	6	**75**	7	56	6	69	233
04:45 PM	11	**58**	**13**	**82**	4	17	6	27	4	53	6	63	12	**64**	4	**80**	**252**
05:00 PM	12	40	8	60	2	21	14	37	0	47	**8**	55	10	58	**8**	76	228
05:15 PM	7	25	6	38	4	**26**	**15**	**45**	4	57	8	69	**15**	61	3	79	231
Total Volume	42	161	36	239	16	79	44	139	16	218	28	262	44	239	21	304	944
% App. Total	17.6	67.4	15.1		11.5	56.8	31.7		6.1	83.2	10.7		14.5	78.6	6.9		
PHF	.875	.694	.692	.729	.667	.760	.733	.772	.500	.893	.875	.873	.733	.934	.656	.950	.937

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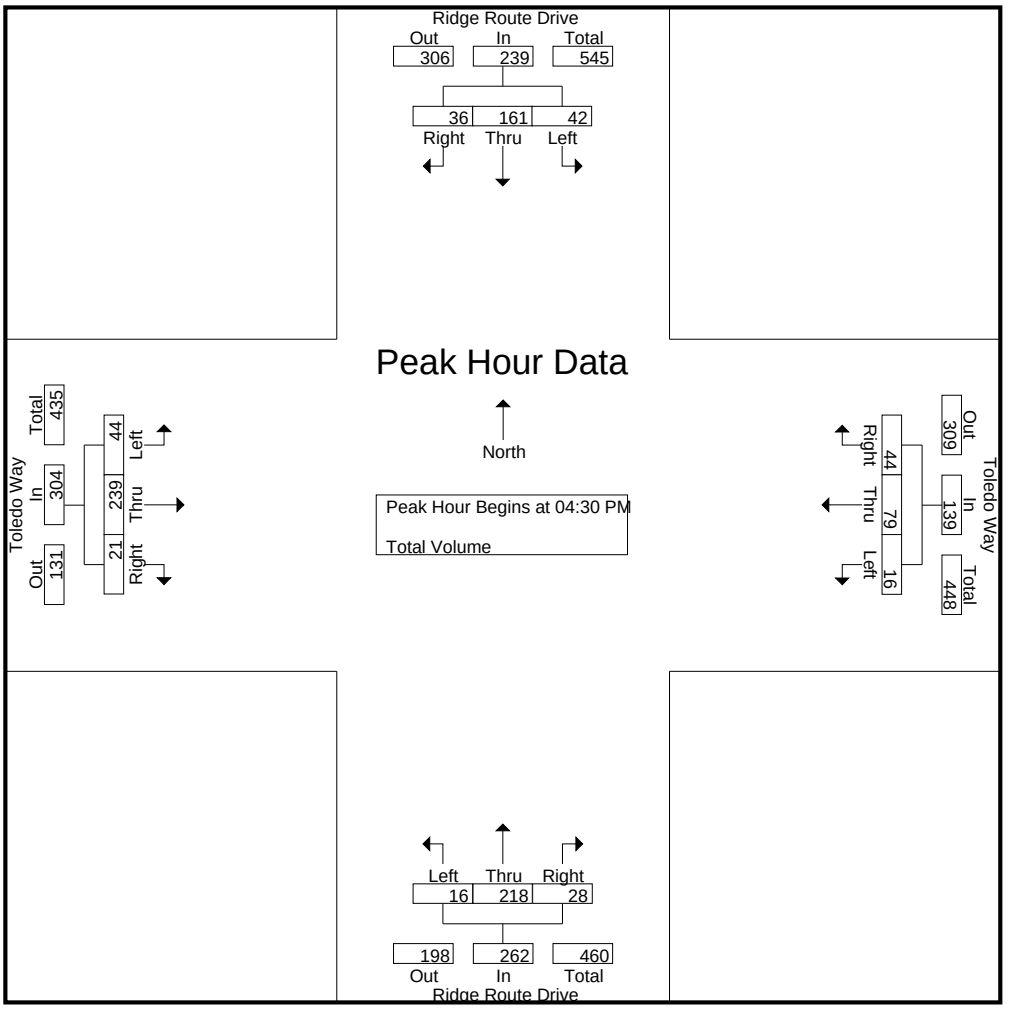

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:00 PM				04:30 PM			
+0 mins.	**17**	43	2	62	2	21	14	37	3	55	**11**	69	7	56	6	69
+15 mins.	11	57	6	74	4	26	**15**	45	4	56	4	64	12	**64**	4	**80**
+30 mins.	12	38	9	59	4	**28**	15	**47**	**8**	**61**	6	**75**	10	58	**8**	76
+45 mins.	11	**58**	**13**	**82**	**5**	20	12	37	4	53	6	63	**15**	61	3	79
Total Volume	51	196	30	277	15	95	56	166	19	225	27	271	44	239	21	304
% App. Total	18.4	70.8	10.8		9	57.2	33.7		7	83	10		14.5	78.6	6.9	
PHF	.750	.845	.577	.845	.750	.848	.933	.883	.594	.922	.614	.903	.733	.934	.656	.950

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Toledo Way

ITAM: 413
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Toledo Way	South Leg Ridge Route Drive	West Leg Toledo Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	0	1	3
7:15 AM	2	3	0	0	5
7:30 AM	1	4	0	2	7
7:45 AM	0	9	4	2	15
8:00 AM	3	9	4	8	24
8:15 AM	2	14	4	0	20
8:30 AM	0	3	0	3	6
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	9	43	12	18	82

	North Leg Ridge Route Drive	East Leg Toledo Way	South Leg Ridge Route Drive	West Leg Toledo Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	5	2	0	5	12
4:15 PM	0	2	0	0	2
4:30 PM	0	0	1	3	4
4:45 PM	4	5	1	1	11
5:00 PM	0	3	2	1	6
5:15 PM	0	2	0	0	2
5:30 PM	0	1	0	1	2
5:45 PM	2	0	1	0	3
TOTAL VOLUMES:	11	15	5	11	42

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Toledo Way

ITAM: 413
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Toledo Way			Northbound Ridge Route Drive			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:45 AM	0	12	0	0	0	0	0	2	0	0	0	0	14
8:00 AM	0	3	0	0	0	0	0	1	0	0	0	0	4
8:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	17	0	0	0	0	0	6	0	0	1	0	24

	Southbound Ridge Route Drive			Westbound Toledo Way			Northbound Ridge Route Drive			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	2	0	0	0	0	1	0	0	0	0	1	4
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	0	3	0	0	0	0	1	2	1	0	1	1	9

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City of Lake Forest
N/S: Ridge Route Drive
E/W: Jeronimo Road
Weather: Clear

File Name : 414_LKF_RiRte_Jer AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Route Drive Southbound				Jeronimo Road Westbound				Ridge Route Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	20	34	57	6	108	0	114	7	9	6	22	30	58	9	97	290
07:15 AM	7	41	25	73	7	100	7	114	4	44	11	59	9	52	9	70	316
07:30 AM	17	45	35	97	9	143	11	163	8	27	7	42	12	54	7	73	375
07:45 AM	28	59	39	126	18	181	9	208	11	45	38	94	13	87	25	125	553
Total	55	165	133	353	40	532	27	599	30	125	62	217	64	251	50	365	1534
08:00 AM	42	103	66	211	40	176	27	243	20	85	70	175	51	113	41	205	834
08:15 AM	21	100	20	141	40	145	36	221	17	97	44	158	30	69	28	127	647
08:30 AM	14	46	15	75	17	132	11	160	13	35	27	75	6	53	9	68	378
08:45 AM	9	28	11	48	16	139	4	159	2	14	12	28	2	47	10	59	294
Total	86	277	112	475	113	592	78	783	52	231	153	436	89	282	88	459	2153
Grand Total	141	442	245	828	153	1124	105	1382	82	356	215	653	153	533	138	824	3687
Apprch %	17	53.4	29.6		11.1	81.3	7.6		12.6	54.5	32.9		18.6	64.7	16.7		
Total %	3.8	12	6.6	22.5	4.1	30.5	2.8	37.5	2.2	9.7	5.8	17.7	4.1	14.5	3.7	22.3	

	Ridge Route Drive Southbound				Jeronimo Road Westbound				Ridge Route Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	28	59	39	126	18	**181**	9	208	11	45	38	94	13	87	25	125	553
08:00 AM	**42**	**103**	**66**	**211**	**40**	176	27	**243**	**20**	85	**70**	**175**	**51**	**113**	**41**	**205**	**834**
08:15 AM	21	100	20	141	40	145	**36**	221	17	**97**	44	158	30	69	28	127	647
08:30 AM	14	46	15	75	17	132	11	160	13	35	27	75	6	53	9	68	378
Total Volume	105	308	140	553	115	634	83	832	61	262	179	502	100	322	103	525	2412
% App. Total	19	55.7	25.3		13.8	76.2	10		12.2	52.2	35.7		19	61.3	19.6		
PHF	.625	.748	.530	.655	.719	.876	.576	.856	.763	.675	.639	.717	.490	.712	.628	.640	.723

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City of Lake Forest
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File Name : 414_LKF_RiRte_Jer AM
Site Code : 05124139
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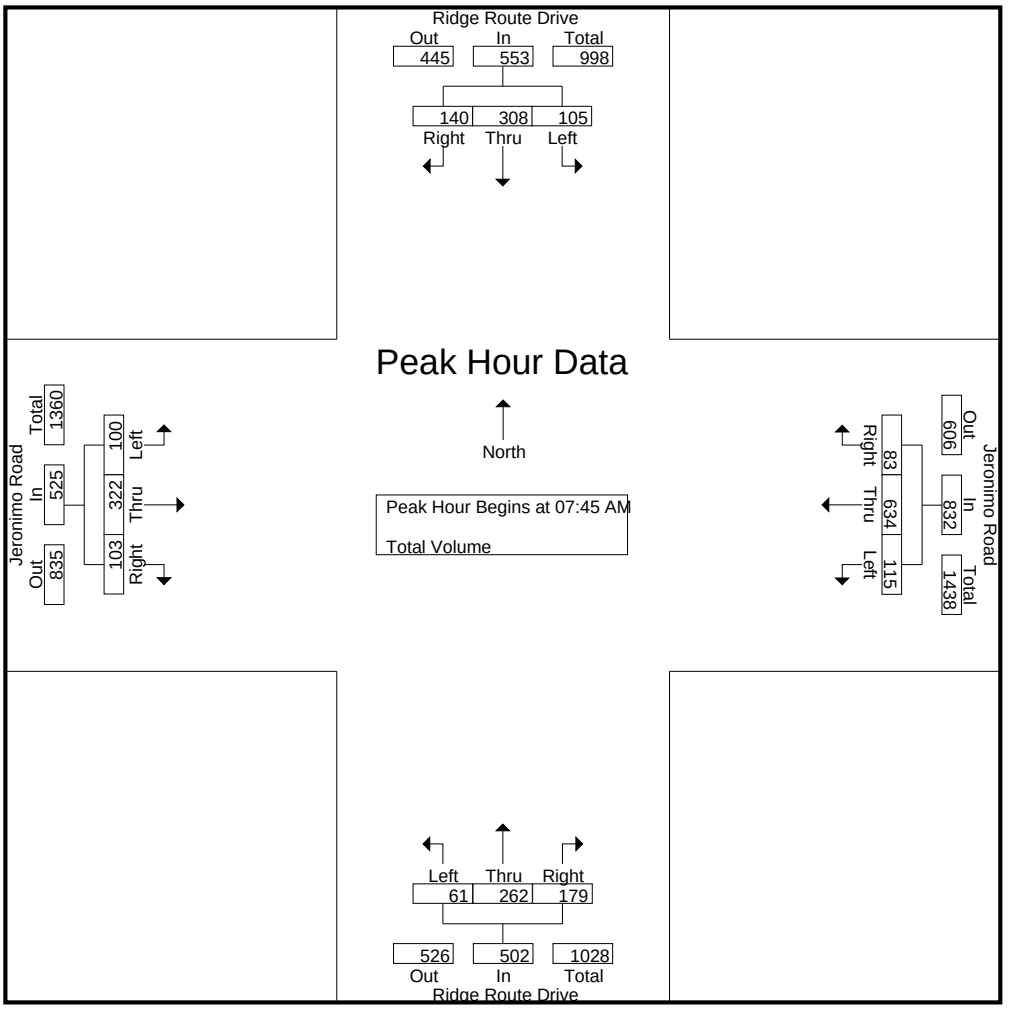

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	17	45	35	97	9	143	11	163	11	45	38	94	12	54	7	73
+15 mins.	28	59	39	126	18	**181**	9	208	**20**	85	**70**	**175**	13	87	25	125
+30 mins.	**42**	**103**	**66**	**211**	**40**	176	27	**243**	17	**97**	44	158	**51**	**113**	**41**	**205**
+45 mins.	21	100	20	141	40	145	**36**	221	13	35	27	75	30	69	28	127
Total Volume	108	307	160	575	107	645	83	835	61	262	179	502	106	323	101	530
% App. Total	18.8	53.4	27.8		12.8	77.2	9.9		12.2	52.2	35.7		20	60.9	19.1	
PHF	.643	.745	.606	.681	.669	.891	.576	.859	.763	.675	.639	.717	.520	.715	.616	.646

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File Name : 414_LKF_RiRte_Jer PM
Site Code : 05124139
Start Date : 2/15/2024
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Groups Printed- Total Volume

	Ridge Route Drive Southbound				Jeronimo Road Westbound				Ridge Route Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	13	41	15	69	9	98	14	121	13	51	30	94	13	150	11	174	458
04:15 PM	13	40	21	74	14	84	17	115	8	47	21	76	19	162	13	194	459
04:30 PM	8	23	14	45	25	98	16	139	3	61	26	90	9	188	7	204	478
04:45 PM	14	43	9	66	10	79	9	98	11	49	29	89	11	166	8	185	438
Total	48	147	59	254	58	359	56	473	35	208	106	349	52	666	39	757	1833
05:00 PM	13	30	12	55	13	98	15	126	4	44	19	67	17	209	6	232	480
05:15 PM	11	31	7	49	21	101	21	143	8	53	26	87	11	179	12	202	481
05:30 PM	4	26	12	42	20	97	14	131	3	42	28	73	17	210	5	232	478
05:45 PM	12	36	3	51	13	75	16	104	7	46	20	73	18	162	7	187	415
Total	40	123	34	197	67	371	66	504	22	185	93	300	63	760	30	853	1854
Grand Total	88	270	93	451	125	730	122	977	57	393	199	649	115	1426	69	1610	3687
Apprch %	19.5	59.9	20.6		12.8	74.7	12.5		8.8	60.6	30.7		7.1	88.6	4.3		
Total %	2.4	7.3	2.5	12.2	3.4	19.8	3.3	26.5	1.5	10.7	5.4	17.6	3.1	38.7	1.9	43.7	

	Ridge Route Drive Southbound				Jeronimo Road Westbound				Ridge Route Drive Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	8	23	**14**	45	**25**	98	16	139	3	**61**	26	**90**	9	188	7	204	478
04:45 PM	**14**	**43**	9	**66**	10	79	9	98	**11**	49	**29**	89	11	166	8	185	438
05:00 PM	13	30	12	55	13	98	15	126	4	44	19	67	**17**	**209**	6	**232**	480
05:15 PM	11	31	7	49	21	**101**	**21**	**143**	8	53	26	87	11	179	**12**	202	**481**
Total Volume	46	127	42	215	69	376	61	506	26	207	100	333	48	742	33	823	1877
% App. Total	21.4	59.1	19.5		13.6	74.3	12.1		7.8	62.2	30		5.8	90.2	4		
PHF	.821	.738	.750	.814	.690	.931	.726	.885	.591	.848	.862	.925	.706	.888	.688	.887	.976

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City of Lake Forest
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File Name : 414_LKF_RiRte_Jer PM
Site Code : 05124139
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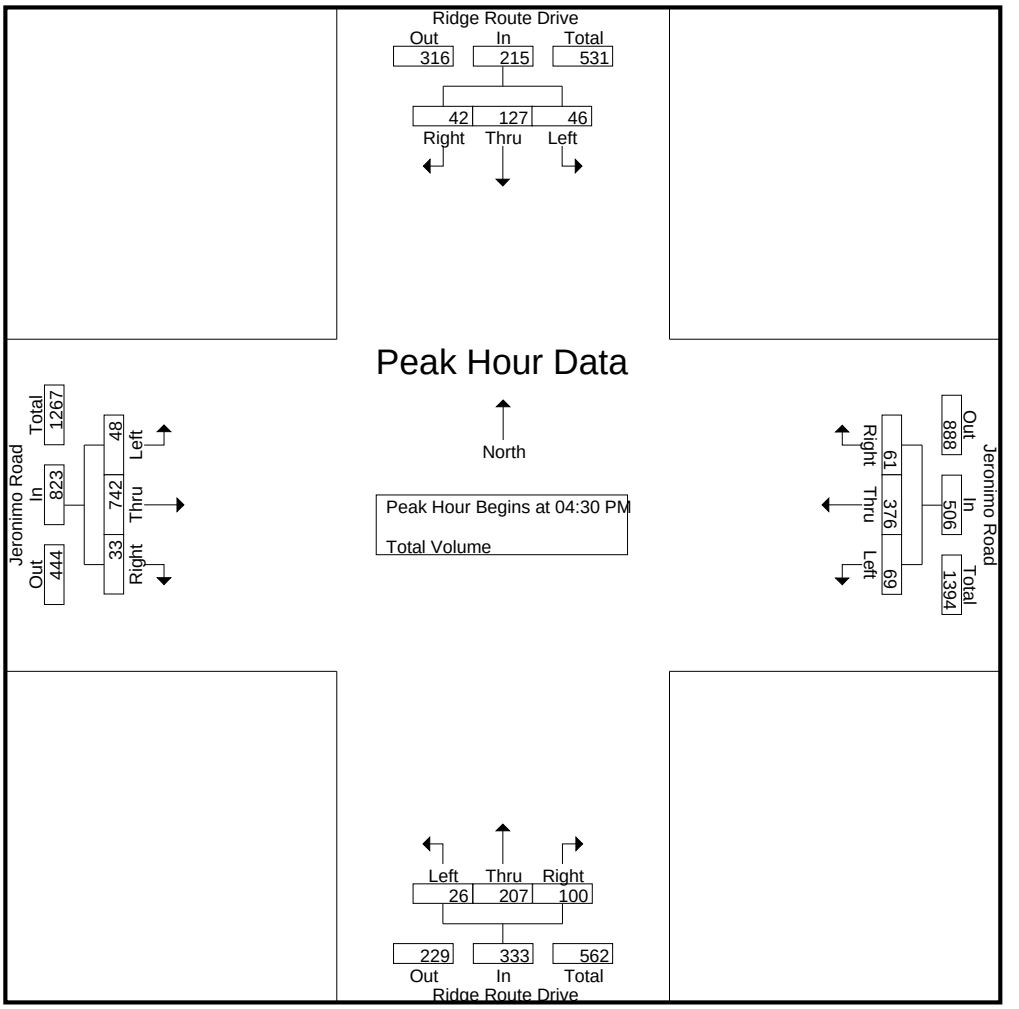

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				05:00 PM			
+0 mins.	13	41	15	69	**25**	98	16	139	**13**	51	**30**	**94**	17	209	6	**232**
+15 mins.	13	40	**21**	**74**	10	79	9	98	8	47	21	76	11	179	**12**	202
+30 mins.	8	23	14	45	13	98	15	126	3	**61**	26	90	17	**210**	5	232
+45 mins.	**14**	**43**	9	66	21	**101**	**21**	**143**	11	49	29	89	**18**	162	7	187
Total Volume	48	147	59	254	69	376	61	506	35	208	106	349	63	760	30	853
% App. Total	18.9	57.9	23.2		13.6	74.3	12.1		10	59.6	30.4		7.4	89.1	3.5	
PHF	.857	.855	.702	.858	.690	.931	.726	.885	.673	.852	.883	.928	.875	.905	.625	.919

Location: Lake Forest
N/S: Ridge Route Drive
E/W: Jeronimo Road

ITAM: 414
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Route Drive	East Leg Jeronimo Road	South Leg Ridge Route Drive	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	1	2
7:15 AM	2	1	1	2	6
7:30 AM	2	1	0	0	3
7:45 AM	10	3	0	4	17
8:00 AM	6	4	3	10	23
8:15 AM	3	2	1	5	11
8:30 AM	0	0	1	0	1
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	24	11	7	22	64

	North Leg Ridge Route Drive	East Leg Jeronimo Road	South Leg Ridge Route Drive	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	2	3
4:15 PM	0	1	1	0	2
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	1	1	2	4	8
5:15 PM	1	2	0	4	7
5:30 PM	1	2	1	0	4
5:45 PM	0	0	0	2	2
TOTAL VOLUMES:	3	7	4	12	26

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Location: Lake Forest
N/S: Ridge Route Drive
E/W: Jeronimo Road

ITAM: 414
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Ridge Route Drive			Westbound Jeronimo Road			Northbound Ridge Route Drive			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	2	1	0	0	0	0	1	0	0	0	0	4
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	2	0	0	0	0	0	1	0	0	0	1	4
8:00 AM	0	1	0	0	0	0	0	0	0	0	1	0	2
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	6	1	0	2	0	0	3	0	0	1	1	14

	Southbound Ridge Route Drive			Westbound Jeronimo Road			Northbound Ridge Route Drive			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	1	1	0	0	0	0	0	1	0	0	0	3
4:30 PM	0	1	0	2	0	0	0	0	0	0	0	1	4
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	1	2	0	0	0	1	1	0	2	1	10

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City of Lake Forest
N/S: Glenn Ranch Road
E/W: Portola Parkway
Weather: Clear

File Name : 415_LKF_Glenn_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Glenn Ranch Road Southbound				Portola Parkway Westbound				Glenn Ranch Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	53	14	107	174	17	79	37	133	15	7	10	32	38	129	17	184	523
07:15 AM	73	15	114	202	18	145	43	206	7	5	12	24	52	92	14	158	590
07:30 AM	90	11	143	244	18	110	69	197	15	5	10	30	68	103	20	191	662
07:45 AM	105	12	191	308	26	161	72	259	4	10	10	24	58	148	20	226	817
Total	321	52	555	928	79	495	221	795	41	27	42	110	216	472	71	759	2592
08:00 AM	94	17	198	309	21	160	54	235	11	10	10	31	65	228	9	302	877
08:15 AM	60	11	150	221	31	228	53	312	16	6	12	34	67	150	22	239	806
08:30 AM	78	14	152	244	20	168	50	238	10	10	11	31	65	102	14	181	694
08:45 AM	57	9	179	245	18	115	51	184	14	10	10	34	86	66	28	180	643
Total	289	51	679	1019	90	671	208	969	51	36	43	130	283	546	73	902	3020
Grand Total	610	103	1234	1947	169	1166	429	1764	92	63	85	240	499	1018	144	1661	5612
Apprch %	31.3	5.3	63.4		9.6	66.1	24.3		38.3	26.2	35.4		30	61.3	8.7		
Total %	10.9	1.8	22	34.7	3	20.8	7.6	31.4	1.6	1.1	1.5	4.3	8.9	18.1	2.6	29.6	

	Glenn Ranch Road Southbound				Portola Parkway Westbound				Glenn Ranch Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**105**	12	191	308	26	161	**72**	259	4	**10**	10	24	58	148	20	226	817
08:00 AM	94	**17**	**198**	**309**	21	160	54	235	11	10	10	31	65	**228**	9	**302**	**877**
08:15 AM	60	11	150	221	**31**	**228**	53	**312**	**16**	6	**12**	**34**	**67**	150	**22**	239	806
08:30 AM	78	14	152	244	20	168	50	238	10	10	11	31	65	102	14	181	694
Total Volume	337	54	691	1082	98	717	229	1044	41	36	43	120	255	628	65	948	3194
% App. Total	31.1	5	63.9		9.4	68.7	21.9		34.2	30	35.8		26.9	66.2	6.9		
PHF	.802	.794	.872	.875	.790	.786	.795	.837	.641	.900	.896	.882	.951	.689	.739	.785	.910

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City of Lake Forest
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File Name : 415_LKF_Glenn_Port AM
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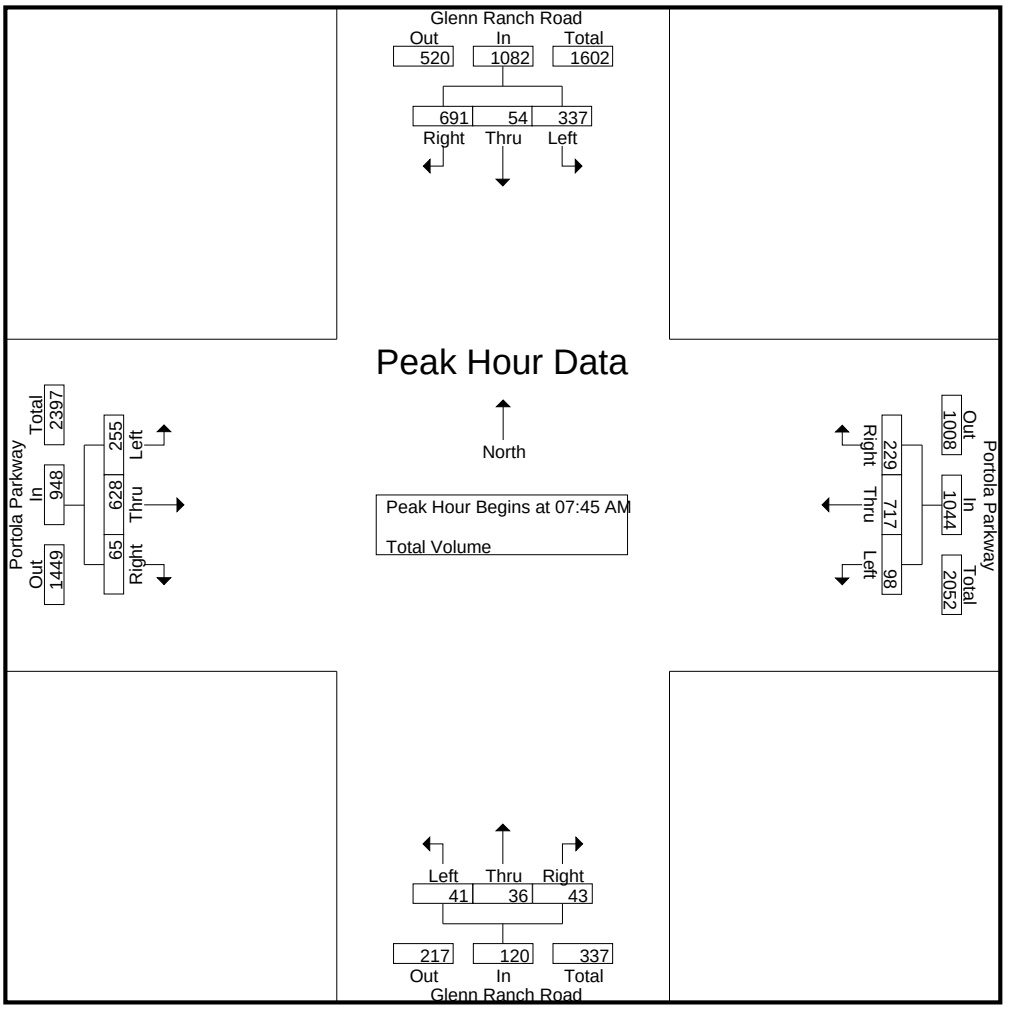

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				07:30 AM			
+0 mins.	90	11	143	244	26	161	**72**	259	11	**10**	10	31	**68**	103	20	191
+15 mins.	**105**	12	191	308	21	160	54	235	**16**	6	**12**	**34**	58	148	20	226
+30 mins.	94	**17**	**198**	**309**	**31**	**228**	53	**312**	10	10	11	31	65	**228**	9	**302**
+45 mins.	60	11	150	221	20	168	50	238	14	10	10	34	67	150	**22**	239
Total Volume	349	51	682	1082	98	717	229	1044	51	36	43	130	258	629	71	958
% App. Total	32.3	4.7	63		9.4	68.7	21.9		39.2	27.7	33.1		26.9	65.7	7.4	
PHF	.831	.750	.861	.875	.790	.786	.795	.837	.797	.900	.896	.956	.949	.690	.807	.793

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City of Lake Forest
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File Name : 415_LKF_Glenn_Port PM
Site Code : 05124139
Start Date : 2/15/2024
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Groups Printed- Total Volume

	Glenn Ranch Road Southbound				Portola Parkway Westbound				Glenn Ranch Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	70	9	105	184	21	135	58	214	20	4	17	41	151	182	24	357	796
04:15 PM	67	8	96	171	8	136	52	196	17	7	15	39	145	168	13	326	732
04:30 PM	66	6	112	184	4	118	52	174	13	7	14	34	164	190	19	373	765
04:45 PM	51	9	110	170	15	163	54	232	19	6	14	39	133	166	26	325	766
Total	254	32	423	709	48	552	216	816	69	24	60	153	593	706	82	1381	3059
05:00 PM	52	5	102	159	13	147	71	231	30	13	26	69	170	198	20	388	847
05:15 PM	67	5	125	197	16	141	67	224	24	10	20	54	159	188	25	372	847
05:30 PM	60	3	132	195	24	168	76	268	13	6	11	30	198	178	12	388	881
05:45 PM	64	5	104	173	19	170	80	269	16	8	11	35	175	178	17	370	847
Total	243	18	463	724	72	626	294	992	83	37	68	188	702	742	74	1518	3422
Grand Total	497	50	886	1433	120	1178	510	1808	152	61	128	341	1295	1448	156	2899	6481
Apprch %	34.7	3.5	61.8		6.6	65.2	28.2		44.6	17.9	37.5		44.7	49.9	5.4		
Total %	7.7	0.8	13.7	22.1	1.9	18.2	7.9	27.9	2.3	0.9	2	5.3	20	22.3	2.4	44.7	

	Glenn Ranch Road Southbound				Portola Parkway Westbound				Glenn Ranch Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	52	**5**	102	159	13	147	71	231	**30**	**13**	**26**	**69**	170	**198**	20	**388**	847
05:15 PM	**67**	5	125	**197**	16	141	67	224	24	10	20	54	159	188	**25**	372	847
05:30 PM	60	3	**132**	195	**24**	168	76	268	13	6	11	30	**198**	178	12	388	**881**
05:45 PM	64	5	104	173	19	**170**	**80**	**269**	16	8	11	35	175	178	17	370	847
Total Volume	243	18	463	724	72	626	294	992	83	37	68	188	702	742	74	1518	3422
% App. Total	33.6	2.5	64		7.3	63.1	29.6		44.1	19.7	36.2		46.2	48.9	4.9		
PHF	.907	.900	.877	.919	.750	.921	.919	.922	.692	.712	.654	.681	.886	.937	.740	.978	.971

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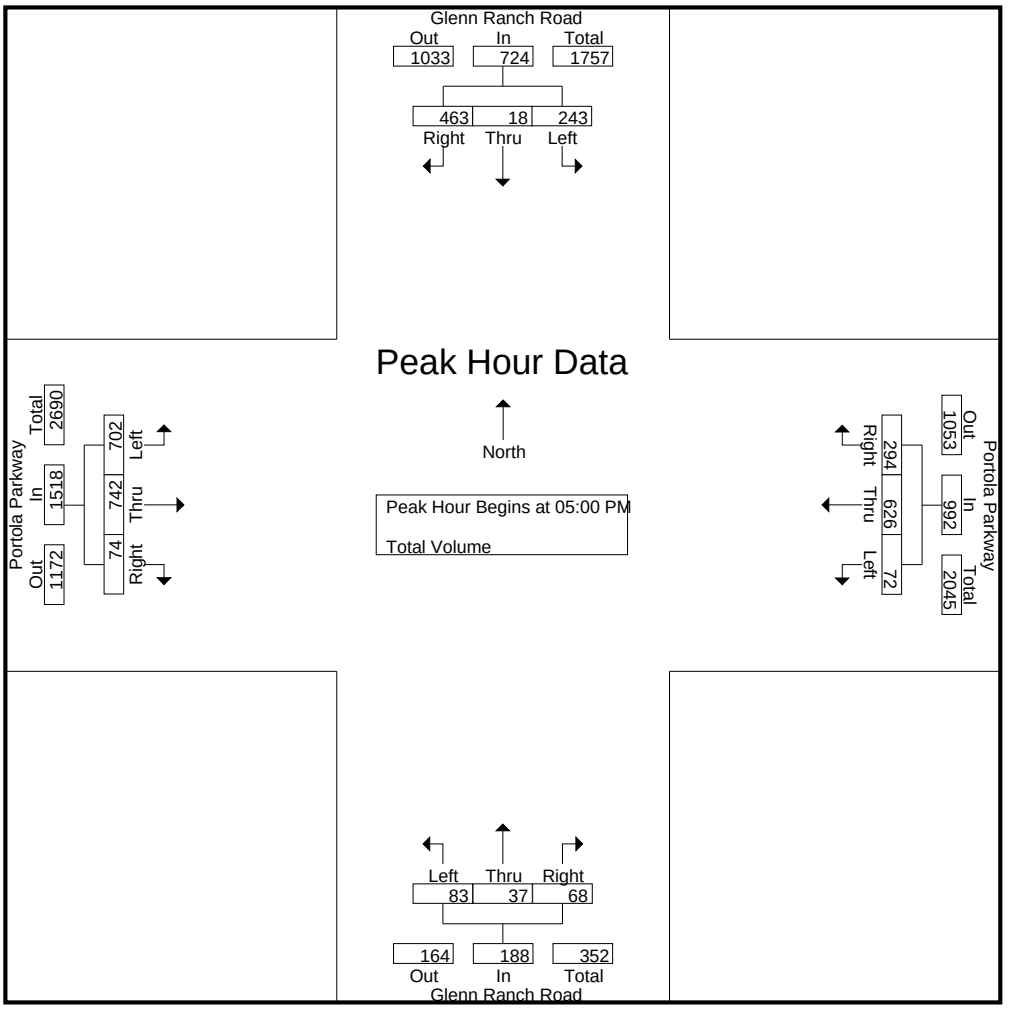
City of Lake Forest
N/S: Glenn Ranch Road
E/W: Portola Parkway
Weather: Clear

File Name : 415_LKF_Glenn_Port PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:30 PM				05:00 PM			
+0 mins.	52	**5**	102	159	13	147	71	231	13	7	14	34	170	**198**	20	**388**
+15 mins.	**67**	5	125	**197**	16	141	67	224	19	6	14	39	159	188	**25**	372
+30 mins.	60	3	**132**	195	**24**	168	76	268	**30**	**13**	**26**	**69**	**198**	178	12	388
+45 mins.	64	5	104	173	19	**170**	**80**	**269**	24	10	20	54	175	178	17	370
Total Volume	243	18	463	724	72	626	294	992	86	36	74	196	702	742	74	1518
% App. Total	33.6	2.5	64		7.3	63.1	29.6		43.9	18.4	37.8		46.2	48.9	4.9	
PHF	.907	.900	.877	.919	.750	.921	.919	.922	.717	.692	.712	.710	.886	.937	.740	.978

Location: Lake Forest
N/S: Glenn Ranch Road
E/W: Portola Parkway

ITAM: 415
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg Glenn Ranch Road	East Leg Portola Parkway	South Leg Glenn Ranch Road	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	0	0	1	1	2

	North Leg Glenn Ranch Road	East Leg Portola Parkway	South Leg Glenn Ranch Road	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	1	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1
5:30 PM	0	0	1	0	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	2	1	3

Location: Lake Forest
N/S: Glenn Ranch Road
E/W: Portola Parkway

ITAM: 415
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound Glenn Ranch Road			Westbound Portola Parkway			Northbound Glenn Ranch Road			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:00 AM	0	0	1	0	0	0	0	0	0	0	2	0	3
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	5	0	0	0	0	0	0	0	5
8:45 AM	0	0	0	0	1	0	0	0	0	0	3	0	4
TOTAL VOLUMES:	0	1	1	0	7	0	0	0	0	0	5	1	15

	Southbound Glenn Ranch Road			Westbound Portola Parkway			Northbound Glenn Ranch Road			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
5:30 PM	0	0	0	0	1	0	0	0	0	0	3	0	4
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	1	0	0	8	0	11

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City of Lake Forest
N/S: Portola Parkway
E/W: SR-241 Ramps
Weather: Clear

File Name : 416_LKF_PORT_241 AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Ramps Westbound				Portola Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	16	148	34	198	15	0	23	38	71	100	7	178	12	0	26	38	452
07:15 AM	19	92	58	169	20	0	38	58	79	160	17	256	10	0	27	37	520
07:30 AM	21	118	69	208	28	0	38	66	70	147	17	234	19	0	48	67	575
07:45 AM	46	162	56	264	42	0	66	108	83	168	22	273	27	0	54	81	726
Total	102	520	217	839	105	0	165	270	303	575	63	941	68	0	155	223	2273
08:00 AM	29	241	59	329	36	0	56	92	66	168	18	252	12	0	51	63	736
08:15 AM	20	166	46	232	43	0	44	87	76	256	19	351	27	0	41	68	738
08:30 AM	34	124	42	200	20	0	35	55	78	192	18	288	16	0	50	66	609
08:45 AM	11	85	40	136	34	0	33	67	64	134	14	212	18	0	59	77	492
Total	94	616	187	897	133	0	168	301	284	750	69	1103	73	0	201	274	2575
Grand Total	196	1136	404	1736	238	0	333	571	587	1325	132	2044	141	0	356	497	4848
Apprch %	11.3	65.4	23.3		41.7	0	58.3		28.7	64.8	6.5		28.4	0	71.6		
Total %	4	23.4	8.3	35.8	4.9	0	6.9	11.8	12.1	27.3	2.7	42.2	2.9	0	7.3	10.3	

	Portola Parkway Southbound				SR-241 Ramps Westbound				Portola Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	46	162	56	264	42	0	66	108	83	168	22	273	27	0	54	81	726
08:00 AM	29	241	59	329	36	0	56	92	66	168	18	252	12	0	51	63	736
08:15 AM	20	166	46	232	43	0	44	87	76	256	19	351	27	0	41	68	738
08:30 AM	34	124	42	200	20	0	35	55	78	192	18	288	16	0	50	66	609
Total Volume	129	693	203	1025	141	0	201	342	303	784	77	1164	82	0	196	278	2809
% App. Total	12.6	67.6	19.8		41.2	0	58.8		26	67.4	6.6		29.5	0	70.5		
PHF	.701	.719	.860	.779	.820	.000	.761	.792	.913	.766	.875	.829	.759	.000	.907	.858	.952

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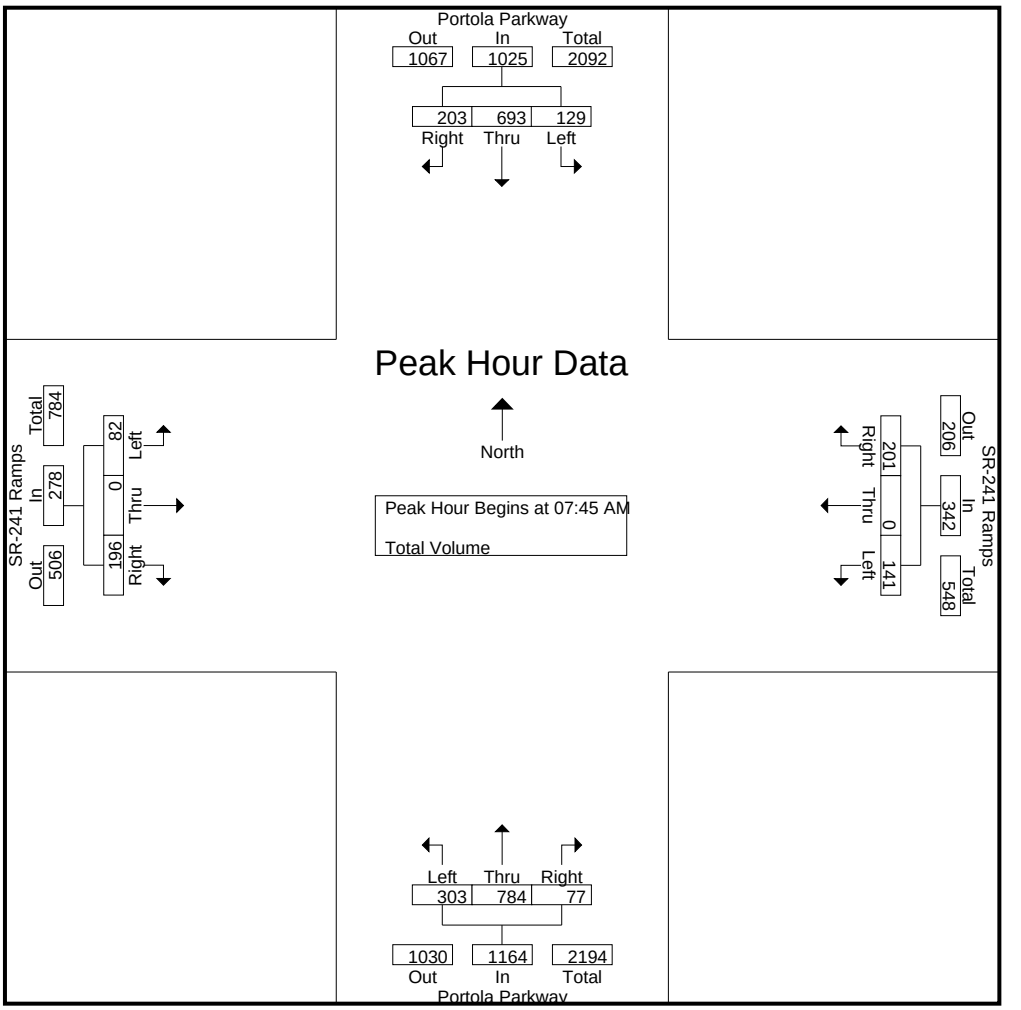
City of Lake Forest
N/S: Portola Parkway
E/W: SR-241 Ramps
Weather: Clear

File Name : 416_LKF_PORT_241 AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	21	118	69	208	28	0	38	66	83	168	22	273	19	0	48	67
+15 mins.	46	162	56	264	42	0	66	108	66	168	18	252	27	0	54	81
+30 mins.	29	241	59	329	36	0	56	92	76	256	19	351	12	0	51	63
+45 mins.	20	166	46	232	43	0	44	87	78	192	18	288	27	0	41	68
Total Volume	116	687	230	1033	149	0	204	353	303	784	77	1164	85	0	194	279
% App. Total	11.2	66.5	22.3		42.2	0	57.8		26	67.4	6.6		30.5	0	69.5	
PHF	.630	.713	.833	.785	.866	.000	.773	.817	.913	.766	.875	.829	.787	.000	.898	.861

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City of Lake Forest
N/S: Portola Parkway
E/W: SR-241 Ramps
Weather: Clear

File Name : 416_LKF_PORT_241 PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				SR-241 Ramps Westbound				Portola Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	46	193	40	279	21	0	41	62	47	147	27	221	24	0	53	77	639
04:15 PM	46	179	36	261	22	0	15	37	58	154	36	248	33	0	59	92	638
04:30 PM	39	209	37	285	22	0	19	41	45	144	23	212	23	0	62	85	623
04:45 PM	43	159	23	225	31	0	33	64	36	150	38	224	41	0	72	113	626
Total	174	740	136	1050	96	0	108	204	186	595	124	905	121	0	246	367	2526
05:00 PM	42	207	24	273	24	0	35	59	47	159	40	246	37	0	80	117	695
05:15 PM	54	223	28	305	34	0	37	71	30	151	27	208	31	0	57	88	672
05:30 PM	44	173	29	246	29	0	33	62	57	203	29	289	30	0	61	91	688
05:45 PM	48	188	23	259	30	0	41	71	46	187	38	271	38	0	53	91	692
Total	188	791	104	1083	117	0	146	263	180	700	134	1014	136	0	251	387	2747
Grand Total	362	1531	240	2133	213	0	254	467	366	1295	258	1919	257	0	497	754	5273
Apprch %	17	71.8	11.3		45.6	0	54.4		19.1	67.5	13.4		34.1	0	65.9		
Total %	6.9	29	4.6	40.5	4	0	4.8	8.9	6.9	24.6	4.9	36.4	4.9	0	9.4	14.3	

	Portola Parkway Southbound				SR-241 Ramps Westbound				Portola Parkway Northbound				SR-241 Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	42	207	24	273	24	0	35	59	47	159	40	246	37	0	80	117	695
05:15 PM	54	223	28	305	34	0	37	71	30	151	27	208	31	0	57	88	672
05:30 PM	44	173	29	246	29	0	33	62	57	203	29	289	30	0	61	91	688
05:45 PM	48	188	23	259	30	0	41	71	46	187	38	271	38	0	53	91	692
Total Volume	188	791	104	1083	117	0	146	263	180	700	134	1014	136	0	251	387	2747
% App. Total	17.4	73	9.6		44.5	0	55.5		17.8	69	13.2		35.1	0	64.9		
PHF	.870	.887	.897	.888	.860	.000	.890	.926	.789	.862	.838	.877	.895	.000	.784	.827	.988

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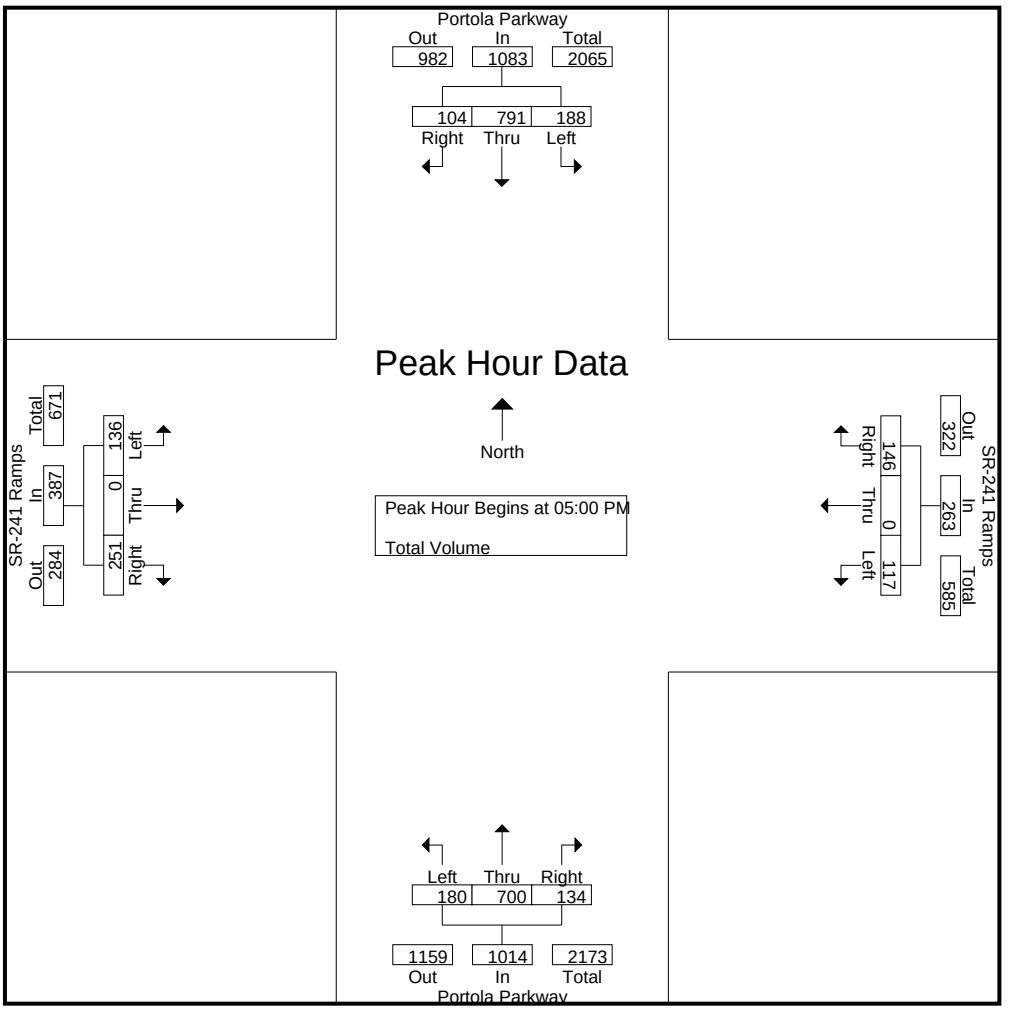
City of Lake Forest
N/S: Portola Parkway
E/W: SR-241 Ramps
Weather: Clear

File Name : 416_LKF_PORT_241 PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				04:45 PM			
+0 mins.	39	209	37	285	24	0	35	59	47	159	40	246	41	0	72	113
+15 mins.	43	159	23	225	34	0	37	71	30	151	27	208	37	0	80	117
+30 mins.	42	207	24	273	29	0	33	62	57	203	29	289	31	0	57	88
+45 mins.	54	223	28	305	30	0	41	71	46	187	38	271	30	0	61	91
Total Volume	178	798	112	1088	117	0	146	263	180	700	134	1014	139	0	270	409
% App. Total	16.4	73.3	10.3		44.5	0	55.5		17.8	69	13.2		34	0	66	
PHF	.824	.895	.757	.892	.860	.000	.890	.926	.789	.862	.838	.877	.848	.000	.844	.874

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City of Lake Forest
N/S: El Toro Road
E/W: Portola Pkwy/Santa Margarita Pkwy
Weather: Clear

File Name : 417_LKF_El T_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Santa Margarita Parkway Westbound				El Toro Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	99	40	146	90	189	1	280	40	20	77	137	14	154	36	204	767
07:15 AM	6	145	38	189	92	285	5	382	43	33	86	162	10	161	46	217	950
07:30 AM	3	115	43	161	127	223	6	356	63	42	111	216	21	179	54	254	987
07:45 AM	3	154	42	199	131	310	3	444	58	40	117	215	17	202	69	288	1146
Total	19	513	163	695	440	1007	15	1462	204	135	391	730	62	696	205	963	3850
08:00 AM	10	153	51	214	104	269	9	382	53	49	122	224	22	249	79	350	1170
08:15 AM	18	120	49	187	102	351	17	470	75	57	140	272	16	234	60	310	1239
08:30 AM	3	76	47	126	105	331	5	441	62	45	104	211	14	190	61	265	1043
08:45 AM	2	78	72	152	93	260	2	355	60	24	97	181	27	144	63	234	922
Total	33	427	219	679	404	1211	33	1648	250	175	463	888	79	817	263	1159	4374
Grand Total	52	940	382	1374	844	2218	48	3110	454	310	854	1618	141	1513	468	2122	8224
Apprch %	3.8	68.4	27.8		27.1	71.3	1.5		28.1	19.2	52.8		6.6	71.3	22.1		
Total %	0.6	11.4	4.6	16.7	10.3	27	0.6	37.8	5.5	3.8	10.4	19.7	1.7	18.4	5.7	25.8	

	El Toro Road Southbound				Santa Margarita Parkway Westbound				El Toro Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	**154**	42	199	**131**	310	3	444	58	40	117	215	17	202	69	288	1146
08:00 AM	10	153	**51**	**214**	104	269	9	382	53	49	122	224	**22**	**249**	**79**	**350**	1170
08:15 AM	**18**	120	49	187	102	**351**	**17**	**470**	**75**	**57**	**140**	**272**	16	234	60	310	**1239**
08:30 AM	3	76	47	126	105	331	5	441	62	45	104	211	14	190	61	265	1043
Total Volume	34	503	189	726	442	1261	34	1737	248	191	483	922	69	875	269	1213	4598
% App. Total	4.7	69.3	26		25.4	72.6	2		26.9	20.7	52.4		5.7	72.1	22.2		
PHF	.472	.817	.926	.848	.844	.898	.500	.924	.827	.838	.863	.847	.784	.879	.851	.866	.928

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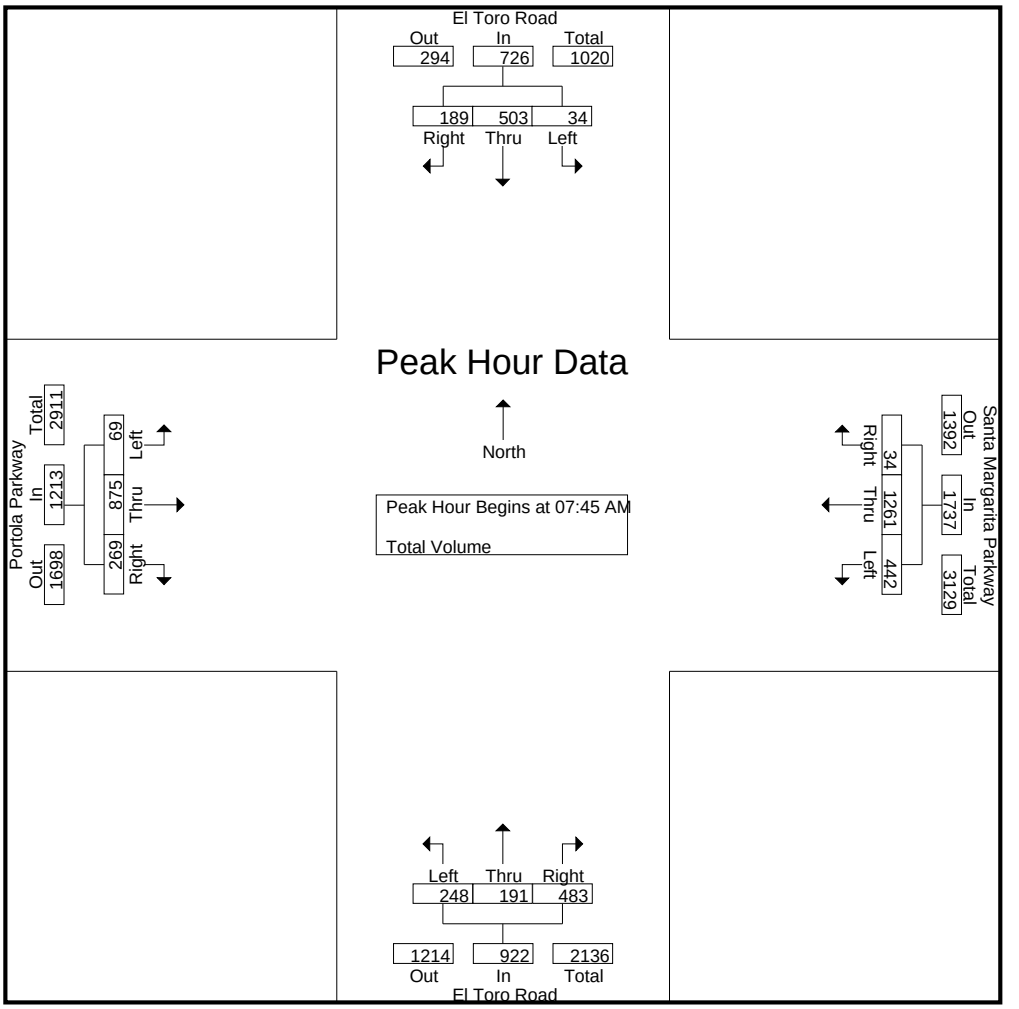
City of Lake Forest
N/S: El Toro Road
E/W: Portola Pkwy/Santa Margarita Pkwy
Weather: Clear

File Name : 417_LKF_El T_Port AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:45 AM				07:30 AM				07:45 AM			
+0 mins.	6	145	38	189	**131**	310	3	444	63	42	111	216	17	202	69	288
+15 mins.	3	115	43	161	104	269	9	382	58	40	117	215	**22**	**249**	**79**	**350**
+30 mins.	3	**154**	42	199	102	**351**	**17**	**470**	53	49	122	224	16	234	60	310
+45 mins.	**10**	153	**51**	**214**	105	331	5	441	**75**	**57**	**140**	**272**	14	190	61	265
Total Volume	22	567	174	763	442	1261	34	1737	249	188	490	927	69	875	269	1213
% App. Total	2.9	74.3	22.8		25.4	72.6	2		26.9	20.3	52.9		5.7	72.1	22.2	
PHF	.550	.920	.853	.891	.844	.898	.500	.924	.830	.825	.875	.852	.784	.879	.851	.866

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(951) 268-6268

City of Lake Forest
N/S: El Toro Road
E/W: Portola Pkwy/Santa Margarita Pkwy
Weather: Clear

File Name : 417_LKF_El T_Port PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Santa Margarita Parkway Westbound				El Toro Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	36	27	65	97	225	9	331	56	94	116	266	54	290	91	435	1097
04:15 PM	2	51	35	88	112	218	12	342	73	90	125	288	35	241	59	335	1053
04:30 PM	5	60	25	90	92	204	11	307	53	102	138	293	64	316	78	458	1148
04:45 PM	1	45	35	81	95	246	8	349	68	106	136	310	39	284	63	386	1126
Total	10	192	122	324	396	893	40	1329	250	392	515	1157	192	1131	291	1614	4424
05:00 PM	6	59	36	101	85	181	4	270	48	85	144	277	51	379	108	538	1186
05:15 PM	5	60	36	101	127	267	5	399	68	116	159	343	48	327	74	449	1292
05:30 PM	1	44	59	104	119	285	11	415	62	95	160	317	60	317	68	445	1281
05:45 PM	4	49	34	87	91	226	13	330	73	95	147	315	58	320	62	440	1172
Total	16	212	165	393	422	959	33	1414	251	391	610	1252	217	1343	312	1872	4931
Grand Total	26	404	287	717	818	1852	73	2743	501	783	1125	2409	409	2474	603	3486	9355
Apprch %	3.6	56.3	40		29.8	67.5	2.7		20.8	32.5	46.7		11.7	71	17.3		
Total %	0.3	4.3	3.1	7.7	8.7	19.8	0.8	29.3	5.4	8.4	12	25.8	4.4	26.4	6.4	37.3	

	El Toro Road Southbound				Santa Margarita Parkway Westbound				El Toro Road Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**6**	59	36	101	85	181	4	270	48	85	144	277	51	**379**	**108**	**538**	1186
05:15 PM	5	**60**	36	101	**127**	267	5	399	68	**116**	159	**343**	48	327	74	449	**1292**
05:30 PM	1	44	**59**	**104**	119	**285**	11	**415**	62	95	**160**	317	**60**	317	68	445	1281
05:45 PM	4	49	34	87	91	226	**13**	330	**73**	95	147	315	58	320	62	440	1172
Total Volume	16	212	165	393	422	959	33	1414	251	391	610	1252	217	1343	312	1872	4931
% App. Total	4.1	53.9	42		29.8	67.8	2.3		20	31.2	48.7		11.6	71.7	16.7		
PHF	.667	.883	.699	.945	.831	.841	.635	.852	.860	.843	.953	.913	.904	.886	.722	.870	.954

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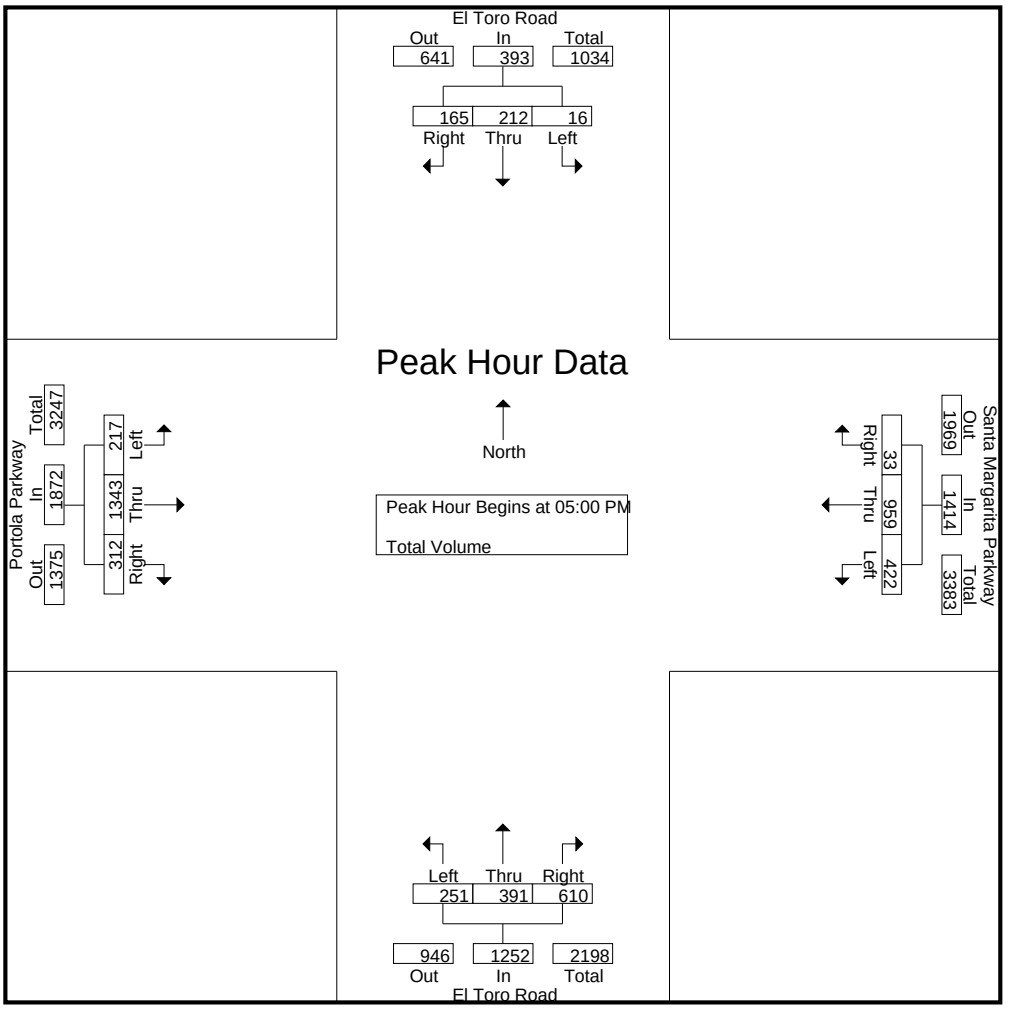
Weather: Clear

File Name : 417_LKF_El T_Port PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	**6**	59	36	101	95	246	8	349	48	85	144	277	51	**379**	**108**	**538**
+15 mins.	5	**60**	36	101	85	181	4	270	68	**116**	159	**343**	48	327	74	449
+30 mins.	1	44	**59**	**104**	**127**	267	5	399	62	95	**160**	317	**60**	317	68	445
+45 mins.	4	49	34	87	119	**285**	**11**	**415**	**73**	95	147	315	58	320	62	440
Total Volume	16	212	165	393	426	979	28	1433	251	391	610	1252	217	1343	312	1872
% App. Total	4.1	53.9	42		29.7	68.3	2		20	31.2	48.7		11.6	71.7	16.7	
PHF	.667	.883	.699	.945	.839	.859	.636	.863	.860	.843	.953	.913	.904	.886	.722	.870

Location: Lake Forest
N/S: El Toro Road
E/W: Portola Pkwy/Santa Margarita Pkwy

ITAM: 417
Date: 2/15/2024
Day: Thursday

PEDESTRIANS

	North Leg El Toro Road	East Leg Santa Margarita Pkwy	South Leg El Toro Road	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	0	0	1
7:30 AM	0	1	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	2	2	0	1	5
8:15 AM	1	2	1	0	4
8:30 AM	1	0	2	0	3
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	5	6	3	1	15

	North Leg El Toro Road	East Leg Santa Margarita Pkwy	South Leg El Toro Road	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	1	2	0	3
4:30 PM	0	0	2	0	2
4:45 PM	0	0	0	0	0
5:00 PM	2	0	3	3	8
5:15 PM	2	1	1	2	6
5:30 PM	2	0	0	1	3
5:45 PM	0	0	0	1	1
TOTAL VOLUMES:	6	2	9	7	24

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Location: Lake Forest
N/S: El Toro Road
E/W: Portola Pkwy/Santa Margarita Pkwy

ITAM: 417
Date: 2/15/2024
Day: Thursday

BICYCLES

	Southbound El Toro Road			Westbound Santa Margarita Pkwy			Northbound El Toro Road			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
8:30 AM	0	0	0	0	0	2	0	0	0	0	1	0	3
8:45 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
TOTAL VOLUMES:	0	0	0	0	0	2	0	0	0	0	11	0	13

	Southbound El Toro Road			Westbound Santa Margarita Pkwy			Northbound El Toro Road			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	1	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	2	0	3
5:00 PM	0	0	0	1	0	0	0	0	2	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	0	0	0	0	3	1	4	0	9

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City of Lake Forest
N/S: El Toro Road
E/W: Trabuco Road
Weather: Clear

File Name : 418_LKF_El T_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Trabuco Road Westbound				El Toro Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	258	66	349	49	69	13	131	18	91	20	129	34	58	38	130	739
07:15 AM	29	409	73	511	55	87	22	164	28	129	28	185	31	71	50	152	1012
07:30 AM	35	371	76	482	50	162	27	239	23	115	36	174	46	79	72	197	1092
07:45 AM	69	461	76	606	82	137	29	248	58	130	36	224	40	103	53	196	1274
Total	158	1499	291	1948	236	455	91	782	127	465	120	712	151	311	213	675	4117
08:00 AM	84	424	74	582	99	154	39	292	46	166	77	289	48	113	72	233	1396
08:15 AM	71	417	58	546	100	154	44	298	63	200	50	313	75	138	62	275	1432
08:30 AM	32	296	56	384	85	164	46	295	47	167	29	243	43	90	38	171	1093
08:45 AM	42	234	38	314	56	121	32	209	34	121	23	178	39	75	67	181	882
Total	229	1371	226	1826	340	593	161	1094	190	654	179	1023	205	416	239	860	4803
Grand Total	387	2870	517	3774	576	1048	252	1876	317	1119	299	1735	356	727	452	1535	8920
Apprch %	10.3	76	13.7		30.7	55.9	13.4		18.3	64.5	17.2		23.2	47.4	29.4		
Total %	4.3	32.2	5.8	42.3	6.5	11.7	2.8	21	3.6	12.5	3.4	19.5	4	8.2	5.1	17.2	

	El Toro Road Southbound				Trabuco Road Westbound				El Toro Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	69	**461**	**76**	**606**	82	137	29	248	58	130	36	224	40	103	53	196	1274
08:00 AM	**84**	424	74	582	99	154	39	292	46	166	**77**	289	48	113	**72**	233	1396
08:15 AM	71	417	58	546	**100**	154	44	**298**	**63**	**200**	50	**313**	**75**	**138**	62	**275**	**1432**
08:30 AM	32	296	56	384	85	**164**	**46**	295	47	167	29	243	43	90	38	171	1093
Total Volume	256	1598	264	2118	366	609	158	1133	214	663	192	1069	206	444	225	875	5195
% App. Total	12.1	75.4	12.5		32.3	53.8	13.9		20	62	18		23.5	50.7	25.7		
PHF	.762	.867	.868	.874	.915	.928	.859	.951	.849	.829	.623	.854	.687	.804	.781	.795	.907

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File Name : 418_LKF_El T_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
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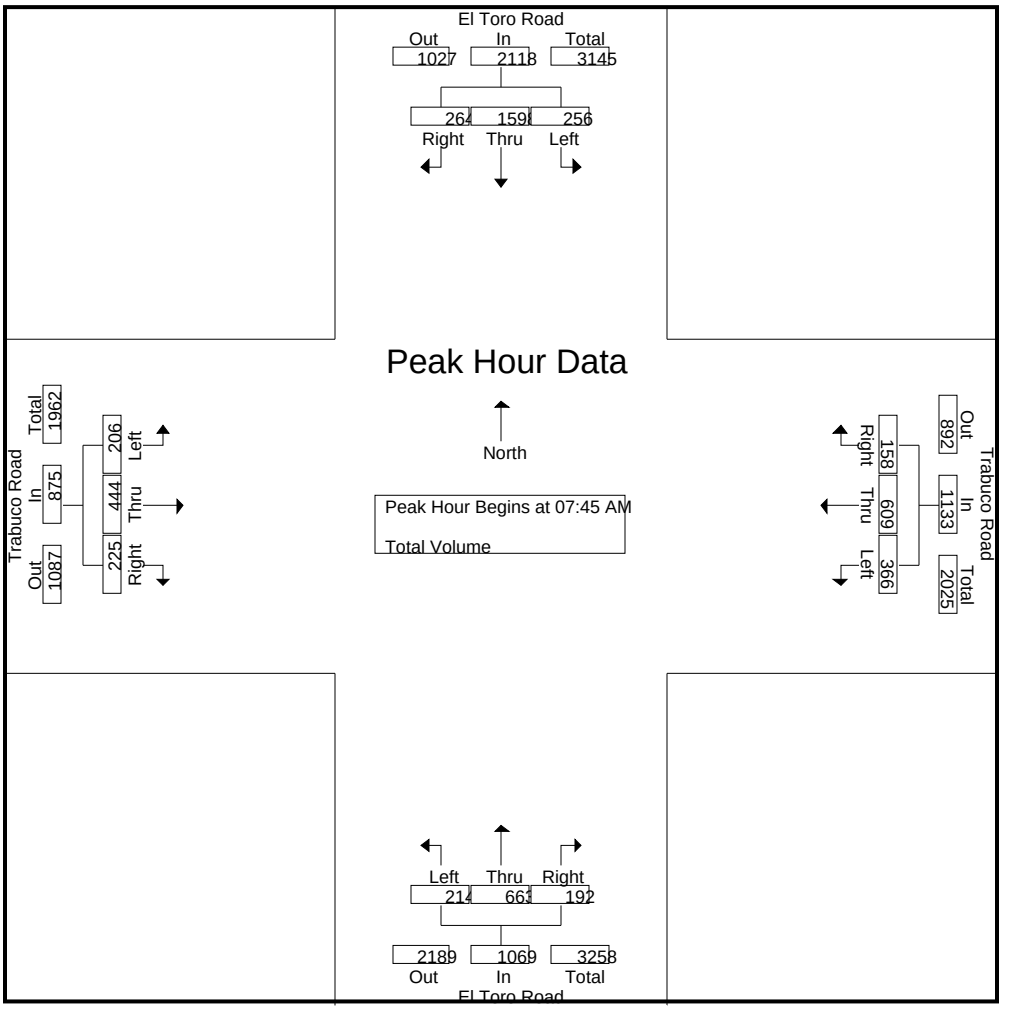

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	35	371	**76**	482	82	137	29	248	58	130	36	224	46	79	**72**	197
+15 mins.	69	**461**	76	**606**	99	154	39	292	46	166	**77**	289	40	103	53	196
+30 mins.	**84**	424	74	582	**100**	154	44	**298**	**63**	**200**	50	**313**	48	113	72	233
+45 mins.	71	417	58	546	85	**164**	**46**	295	47	167	29	243	**75**	**138**	62	**275**
Total Volume	259	1673	284	2216	366	609	158	1133	214	663	192	1069	209	433	259	901
% App. Total	11.7	75.5	12.8		32.3	53.8	13.9		20	62	18		23.2	48.1	28.7	
PHF	.771	.907	.934	.914	.915	.928	.859	.951	.849	.829	.623	.854	.697	.784	.899	.819

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City of Lake Forest
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Weather: Clear

File Name : 418_LKF_El T_Tra PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Trabuco Road Westbound				El Toro Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	50	180	31	261	50	124	45	219	94	244	58	396	89	190	63	342	1218
04:15 PM	53	225	39	317	44	121	48	213	75	277	50	402	92	191	63	346	1278
04:30 PM	58	222	42	322	35	107	35	177	80	270	77	427	105	178	60	343	1269
04:45 PM	55	204	55	314	41	101	44	186	96	291	65	452	95	198	65	358	1310
Total	216	831	167	1214	170	453	172	795	345	1082	250	1677	381	757	251	1389	5075
05:00 PM	47	199	41	287	40	101	43	184	81	249	67	397	102	207	64	373	1241
05:15 PM	59	238	51	348	58	104	32	194	77	309	67	453	106	233	77	416	1411
05:30 PM	46	182	30	258	39	107	46	192	82	286	87	455	94	193	72	359	1264
05:45 PM	70	220	54	344	35	117	48	200	71	240	72	383	74	210	75	359	1286
Total	222	839	176	1237	172	429	169	770	311	1084	293	1688	376	843	288	1507	5202
Grand Total	438	1670	343	2451	342	882	341	1565	656	2166	543	3365	757	1600	539	2896	10277
Apprch %	17.9	68.1	14		21.9	56.4	21.8		19.5	64.4	16.1		26.1	55.2	18.6		
Total %	4.3	16.2	3.3	23.8	3.3	8.6	3.3	15.2	6.4	21.1	5.3	32.7	7.4	15.6	5.2	28.2	

	El Toro Road Southbound				Trabuco Road Westbound				El Toro Road Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	58	222	42	322	35	**107**	35	177	80	270	**77**	427	105	178	60	343	1269
04:45 PM	55	204	**55**	314	41	101	**44**	186	**96**	291	65	452	95	198	65	358	1310
05:00 PM	47	199	41	287	40	101	43	184	81	249	67	397	102	207	64	373	1241
05:15 PM	**59**	**238**	51	**348**	**58**	104	32	**194**	77	**309**	67	**453**	**106**	**233**	**77**	**416**	**1411**
Total Volume	219	863	189	1271	174	413	154	741	334	1119	276	1729	408	816	266	1490	5231
% App. Total	17.2	67.9	14.9		23.5	55.7	20.8		19.3	64.7	16		27.4	54.8	17.9		
PHF	.928	.907	.859	.913	.750	.965	.875	.955	.870	.905	.896	.954	.962	.876	.864	.895	.927

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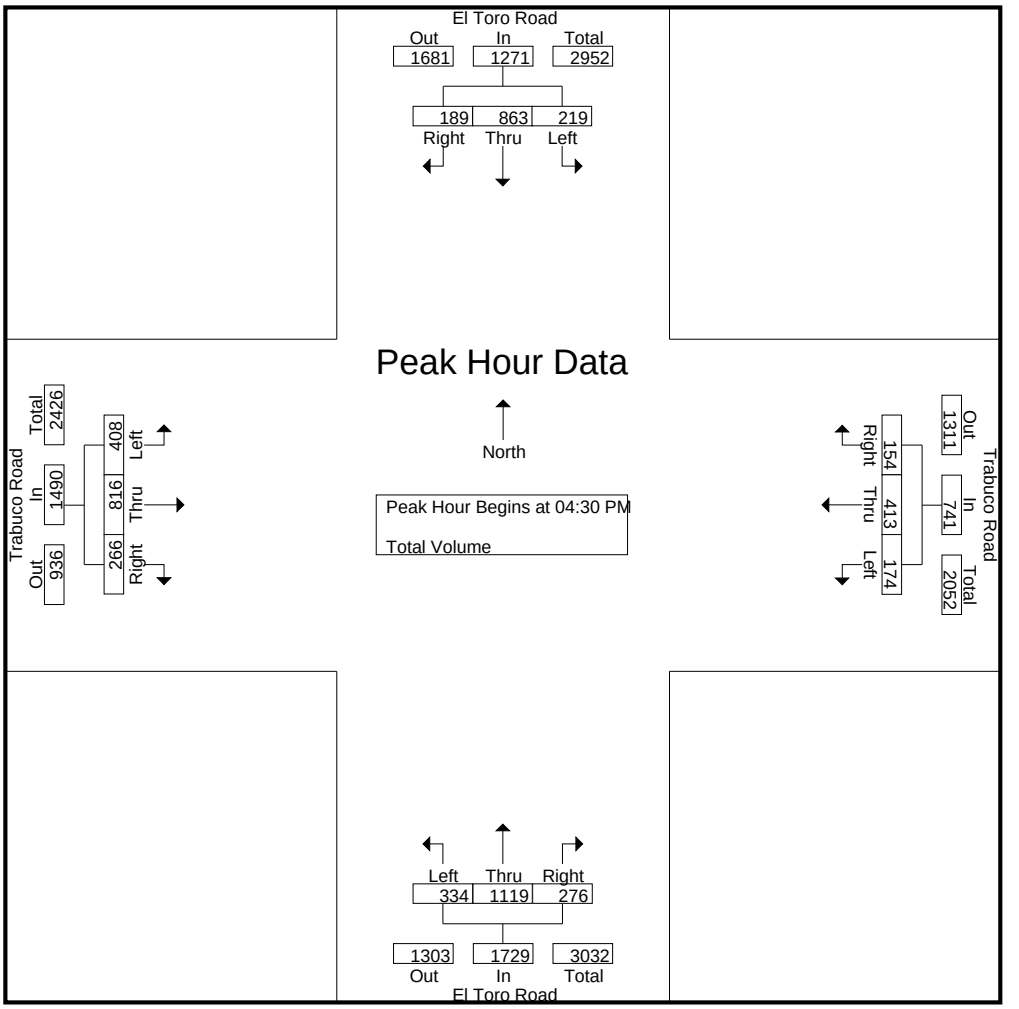

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	58	222	42	322	**50**	**124**	45	**219**	**96**	291	65	452	102	207	64	373
+15 mins.	55	204	**55**	314	44	121	**48**	213	81	249	67	397	**106**	**233**	**77**	**416**
+30 mins.	47	199	41	287	35	107	35	177	77	**309**	67	453	94	193	72	359
+45 mins.	**59**	**238**	51	**348**	41	101	44	186	82	286	**87**	**455**	74	210	75	359
Total Volume	219	863	189	1271	170	453	172	795	336	1135	286	1757	376	843	288	1507
% App. Total	17.2	67.9	14.9		21.4	57	21.6		19.1	64.6	16.3		25	55.9	19.1	
PHF	.928	.907	.859	.913	.850	.913	.896	.908	.875	.918	.822	.965	.887	.905	.935	.906

Location: Lake Forest
N/S: El Toro Road
E/W: Trabuco Road

ITAM: 418
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg El Toro Road Pedestrians	East Leg Trabuco Road Pedestrians	South Leg El Toro Road Pedestrians	West Leg Trabuco Road Pedestrians	
7:00 AM	1	2	0	1	4
7:15 AM	1	0	0	2	3
7:30 AM	0	2	1	2	5
7:45 AM	0	0	0	0	0
8:00 AM	1	0	0	0	1
8:15 AM	2	1	0	3	6
8:30 AM	0	0	0	2	2
8:45 AM	3	0	0	1	4
TOTAL VOLUMES:	8	5	1	11	25

	North Leg El Toro Road Pedestrians	East Leg Trabuco Road Pedestrians	South Leg El Toro Road Pedestrians	West Leg Trabuco Road Pedestrians	
4:00 PM	1	4	5	8	18
4:15 PM	4	0	4	5	13
4:30 PM	1	0	2	6	9
4:45 PM	1	1	2	6	10
5:00 PM	1	0	2	8	11
5:15 PM	0	0	1	1	2
5:30 PM	6	1	2	1	10
5:45 PM	2	0	1	14	17
TOTAL VOLUMES:	16	6	19	49	90

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Location: Lake Forest
N/S: El Toro Road
E/W: Trabuco Road

ITAM: 418
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound El Toro Road			Westbound Trabuco Road			Northbound El Toro Road			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	0	0	1	0	3

	Southbound El Toro Road			Westbound Trabuco Road			Northbound El Toro Road			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	0	0	1

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City of Lake Forest
N/S: El Toro Road
E/W: Toledo Way
Weather: Clear

File Name : 419_LKF_El T_Tol AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Toledo Way Westbound				El Toro Road Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	333	16	349	5	3	2	10	16	133	0	149	11	0	14	25	533
07:15 AM	0	360	72	432	6	7	2	15	49	170	2	221	19	2	23	44	712
07:30 AM	0	473	30	503	2	5	0	7	35	162	3	200	24	0	31	55	765
07:45 AM	1	532	35	568	2	3	1	6	21	242	3	266	14	2	29	45	885
Total	1	1698	153	1852	15	18	5	38	121	707	8	836	68	4	97	169	2895
08:00 AM	0	542	73	615	3	1	2	6	36	280	1	317	39	2	49	90	1028
08:15 AM	0	431	95	526	4	3	0	7	59	265	6	330	38	2	65	105	968
08:30 AM	2	415	22	439	1	3	0	4	12	254	5	271	16	1	33	50	764
08:45 AM	0	364	11	375	10	1	0	11	9	202	2	213	7	1	20	28	627
Total	2	1752	201	1955	18	8	2	28	116	1001	14	1131	100	6	167	273	3387
Grand Total	3	3450	354	3807	33	26	7	66	237	1708	22	1967	168	10	264	442	6282
Apprch %	0.1	90.6	9.3		50	39.4	10.6		12	86.8	1.1		38	2.3	59.7		
Total %	0	54.9	5.6	60.6	0.5	0.4	0.1	1.1	3.8	27.2	0.4	31.3	2.7	0.2	4.2	7	

	El Toro Road Southbound				Toledo Way Westbound				El Toro Road Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	473	30	503	2	**5**	0	**7**	35	162	3	200	24	0	31	55	765
07:45 AM	**1**	532	35	568	2	3	1	6	21	242	3	266	14	**2**	29	45	885
08:00 AM	0	**542**	73	**615**	3	1	**2**	6	36	**280**	1	317	**39**	2	49	90	**1028**
08:15 AM	0	431	**95**	526	**4**	3	0	7	**59**	265	**6**	**330**	38	2	**65**	**105**	968
Total Volume	1	1978	233	2212	11	12	3	26	151	949	13	1113	115	6	174	295	3646
% App. Total	0	89.4	10.5		42.3	46.2	11.5		13.6	85.3	1.2		39	2	59		
PHF	.250	.912	.613	.899	.688	.600	.375	.929	.640	.847	.542	.843	.737	.750	.669	.702	.887

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File Name : 419_LKF_El T_Tol AM
Site Code : 05124139
Start Date : 2/13/2024
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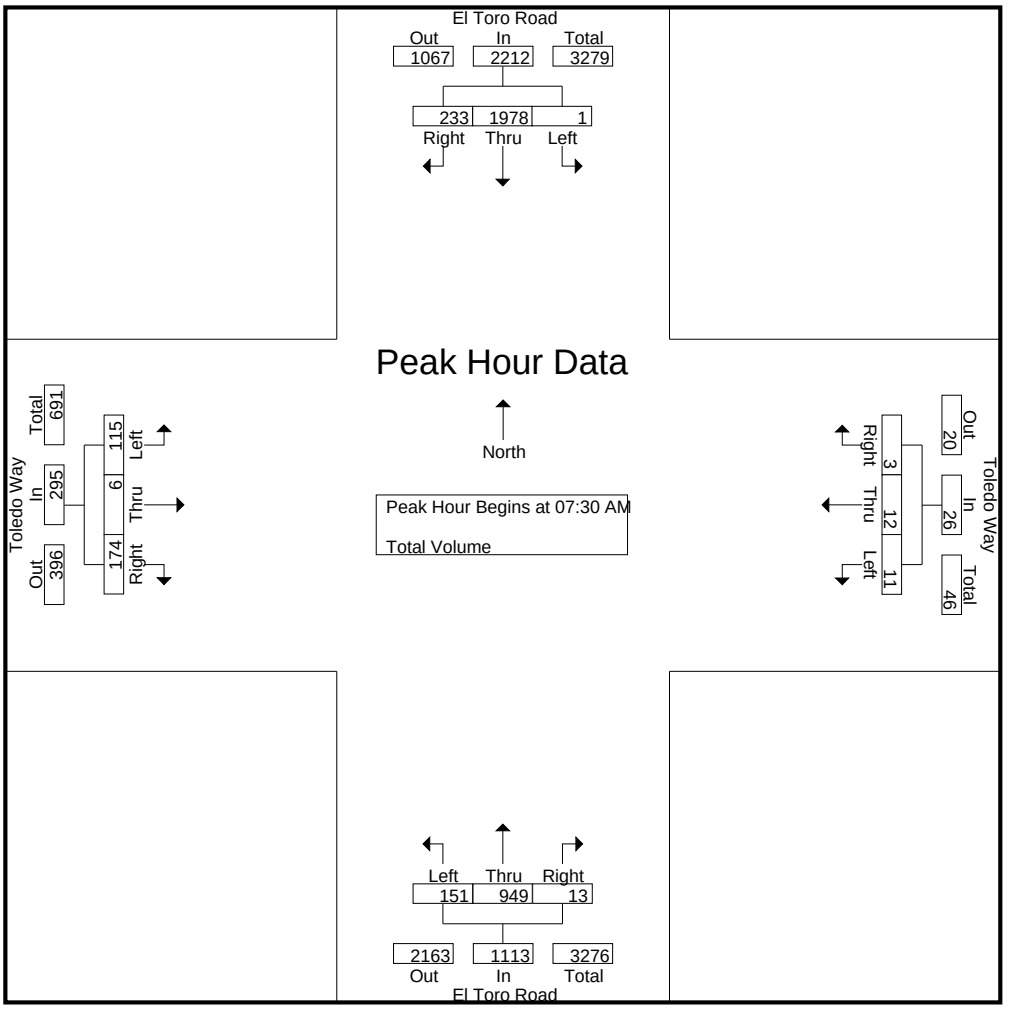

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:00 AM				07:45 AM				07:30 AM			
+0 mins.	0	473	30	503	5	3	**2**	10	21	242	3	266	24	0	31	55
+15 mins.	**1**	532	35	568	**6**	**7**	2	**15**	36	**280**	1	317	14	**2**	29	45
+30 mins.	0	**542**	73	**615**	2	5	0	7	**59**	265	**6**	**330**	**39**	2	49	90
+45 mins.	0	431	**95**	526	2	3	1	6	12	254	5	271	38	2	**65**	**105**
Total Volume	1	1978	233	2212	15	18	5	38	128	1041	15	1184	115	6	174	295
% App. Total	0	89.4	10.5		39.5	47.4	13.2		10.8	87.9	1.3		39	2	59	
PHF	.250	.912	.613	.899	.625	.643	.625	.633	.542	.929	.625	.897	.737	.750	.669	.702

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City of Lake Forest
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File Name : 419_LKF_El T_Tol PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Toledo Way Westbound				El Toro Road Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	301	11	312	2	3	0	5	17	361	5	383	35	1	30	66	766
04:15 PM	1	320	13	334	6	2	1	9	13	382	5	400	34	5	26	65	808
04:30 PM	2	293	11	306	6	1	0	7	15	475	7	497	28	3	17	48	858
04:45 PM	0	311	13	324	0	0	0	0	18	387	5	410	51	2	24	77	811
Total	3	1225	48	1276	14	6	1	21	63	1605	22	1690	148	11	97	256	3243
05:00 PM	2	299	8	309	1	5	1	7	21	412	6	439	35	6	20	61	816
05:15 PM	1	361	17	379	6	5	0	11	10	421	3	434	37	2	23	62	886
05:30 PM	1	277	7	285	2	1	2	5	16	419	3	438	51	5	16	72	800
05:45 PM	2	318	13	333	7	2	0	9	15	385	5	405	39	4	29	72	819
Total	6	1255	45	1306	16	13	3	32	62	1637	17	1716	162	17	88	267	3321
Grand Total	9	2480	93	2582	30	19	4	53	125	3242	39	3406	310	28	185	523	6564
Apprch %	0.3	96	3.6		56.6	35.8	7.5		3.7	95.2	1.1		59.3	5.4	35.4		
Total %	0.1	37.8	1.4	39.3	0.5	0.3	0.1	0.8	1.9	49.4	0.6	51.9	4.7	0.4	2.8	8	

	El Toro Road Southbound				Toledo Way Westbound				El Toro Road Northbound				Toledo Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**2**	293	11	306	**6**	1	0	7	15	**475**	**7**	**497**	28	3	17	48	858
04:45 PM	0	311	13	324	0	0	0	0	18	387	5	410	**51**	2	**24**	**77**	811
05:00 PM	2	299	8	309	1	**5**	**1**	7	**21**	412	6	439	35	**6**	20	61	816
05:15 PM	1	**361**	**17**	**379**	6	5	0	**11**	10	421	3	434	37	2	23	62	**886**
Total Volume	5	1264	49	1318	13	11	1	25	64	1695	21	1780	151	13	84	248	3371
% App. Total	0.4	95.9	3.7		52	44	4		3.6	95.2	1.2		60.9	5.2	33.9		
PHF	.625	.875	.721	.869	.542	.550	.250	.568	.762	.892	.750	.895	.740	.542	.875	.805	.951

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File Name : 419_LKF_El T_Tol PM
Site Code : 05124139
Start Date : 2/13/2024
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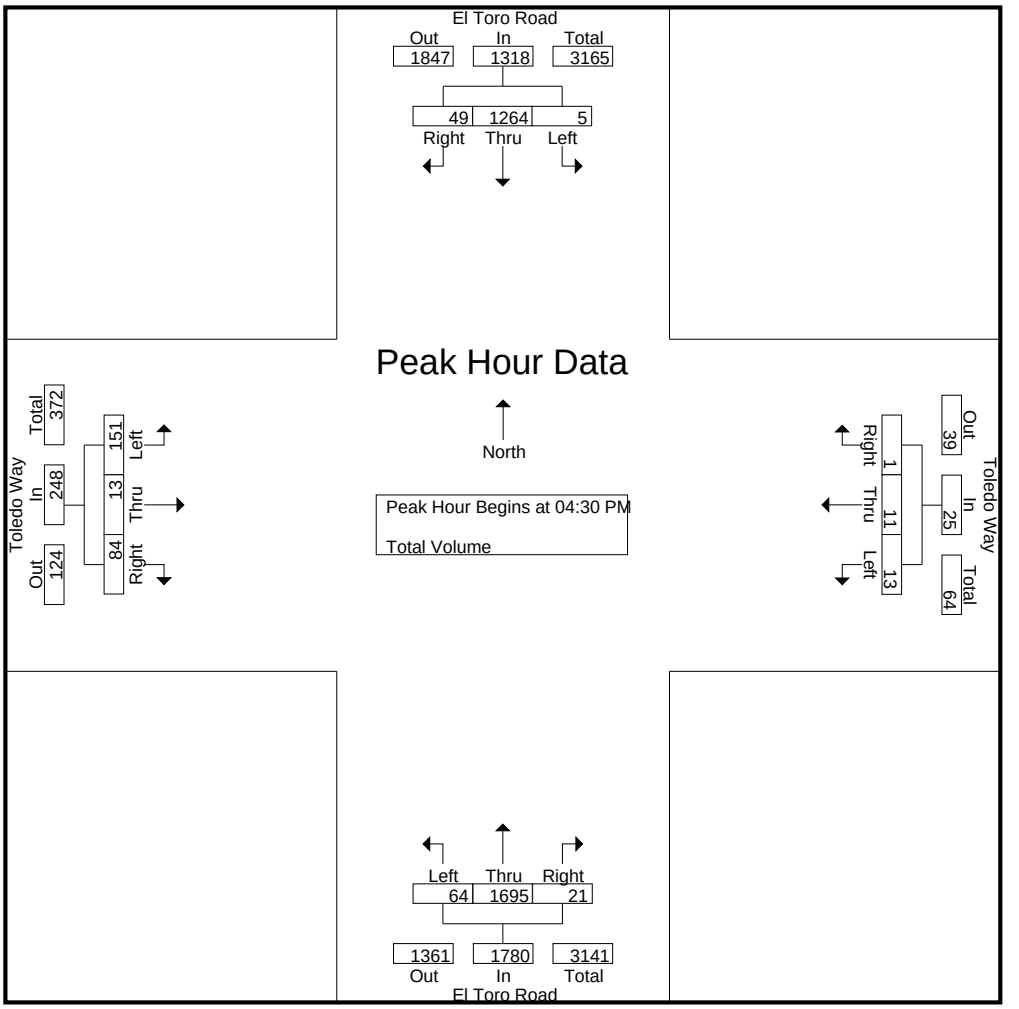

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:30 PM				04:45 PM			
+0 mins.	**2**	293	11	306	1	**5**	1	7	15	**475**	**7**	**497**	**51**	2	**24**	**77**
+15 mins.	0	311	13	324	6	5	0	**11**	18	387	5	410	35	**6**	20	61
+30 mins.	2	299	8	309	2	1	**2**	5	**21**	412	6	439	37	2	23	62
+45 mins.	1	**361**	**17**	**379**	**7**	2	0	9	10	421	3	434	51	5	16	72
Total Volume	5	1264	49	1318	16	13	3	32	64	1695	21	1780	174	15	83	272
% App. Total	0.4	95.9	3.7		50	40.6	9.4		3.6	95.2	1.2		64	5.5	30.5	
PHF	.625	.875	.721	.869	.571	.650	.375	.727	.762	.892	.750	.895	.853	.625	.865	.883

Location: Lake Forest
N/S: El Toro Road
E/W: Toledo Way

ITAM: 419
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg El Toro Road Pedestrians	East Leg Toledo Way Pedestrians	South Leg El Toro Road Pedestrians	West Leg Toledo Way Pedestrians	
7:00 AM	0	1	1	0	2
7:15 AM	0	0	3	2	5
7:30 AM	0	0	0	1	1
7:45 AM	0	0	1	0	1
8:00 AM	0	0	5	3	8
8:15 AM	0	0	2	0	2
8:30 AM	0	0	0	3	3
8:45 AM	0	2	0	0	2
TOTAL VOLUMES:	0	3	12	9	24

	North Leg El Toro Road Pedestrians	East Leg Toledo Way Pedestrians	South Leg El Toro Road Pedestrians	West Leg Toledo Way Pedestrians	
4:00 PM	0	0	0	2	2
4:15 PM	0	0	0	1	1
4:30 PM	0	1	0	1	2
4:45 PM	0	0	4	0	4
5:00 PM	0	0	0	3	3
5:15 PM	0	0	0	1	1
5:30 PM	0	0	0	4	4
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	1	4	12	17

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Location: Lake Forest
N/S: El Toro Road
E/W: Toledo Way

ITAM: 419
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound El Toro Road			Westbound Toledo Way			Northbound El Toro Road			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	0	0	1

	Southbound El Toro Road			Westbound Toledo Way			Northbound El Toro Road			Eastbound Toledo Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	2	0	3

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City of Lake Forest
N/S: El Toro Road
E/W: Jeronimo Road
Weather: Clear

File Name : 420_LKF_El T_Jer AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	El Toro Road Southbound				Jeronimo Road Westbound				El Toro Road Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	293	52	359	25	50	24	99	11	112	36	159	13	22	18	53	670
07:15 AM	47	335	31	413	50	72	35	157	9	150	46	205	18	60	30	108	883
07:30 AM	64	428	54	546	59	86	32	177	12	171	67	250	8	53	23	84	1057
07:45 AM	56	410	82	548	91	114	51	256	25	164	88	277	23	75	41	139	1220
Total	181	1466	219	1866	225	322	142	689	57	597	237	891	62	210	112	384	3830
08:00 AM	68	436	85	589	128	98	48	274	32	244	90	366	37	78	58	173	1402
08:15 AM	80	392	38	510	82	106	69	257	14	213	91	318	53	127	51	231	1316
08:30 AM	58	350	48	456	75	123	44	242	6	206	54	266	19	45	22	86	1050
08:45 AM	45	334	46	425	45	94	36	175	8	167	55	230	10	56	19	85	915
Total	251	1512	217	1980	330	421	197	948	60	830	290	1180	119	306	150	575	4683
Grand Total	432	2978	436	3846	555	743	339	1637	117	1427	527	2071	181	516	262	959	8513
Apprch %	11.2	77.4	11.3		33.9	45.4	20.7		5.6	68.9	25.4		18.9	53.8	27.3		
Total %	5.1	35	5.1	45.2	6.5	8.7	4	19.2	1.4	16.8	6.2	24.3	2.1	6.1	3.1	11.3	

	El Toro Road Southbound				Jeronimo Road Westbound				El Toro Road Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	64	428	54	546	59	86	32	177	12	171	67	250	8	53	23	84	1057
07:45 AM	56	410	82	548	91	**114**	51	256	25	164	88	277	23	75	41	139	1220
08:00 AM	68	**436**	**85**	**589**	**128**	98	48	**274**	**32**	**244**	90	**366**	37	78	**58**	173	**1402**
08:15 AM	**80**	392	38	510	82	106	**69**	257	14	213	**91**	318	**53**	**127**	51	**231**	1316
Total Volume	268	1666	259	2193	360	404	200	964	83	792	336	1211	121	333	173	627	4995
% App. Total	12.2	76	11.8		37.3	41.9	20.7		6.9	65.4	27.7		19.3	53.1	27.6		
PHF	.838	.955	.762	.931	.703	.886	.725	.880	.648	.811	.923	.827	.571	.656	.746	.679	.891

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File Name : 420_LKF_El T_Jer AM
Site Code : 05124139
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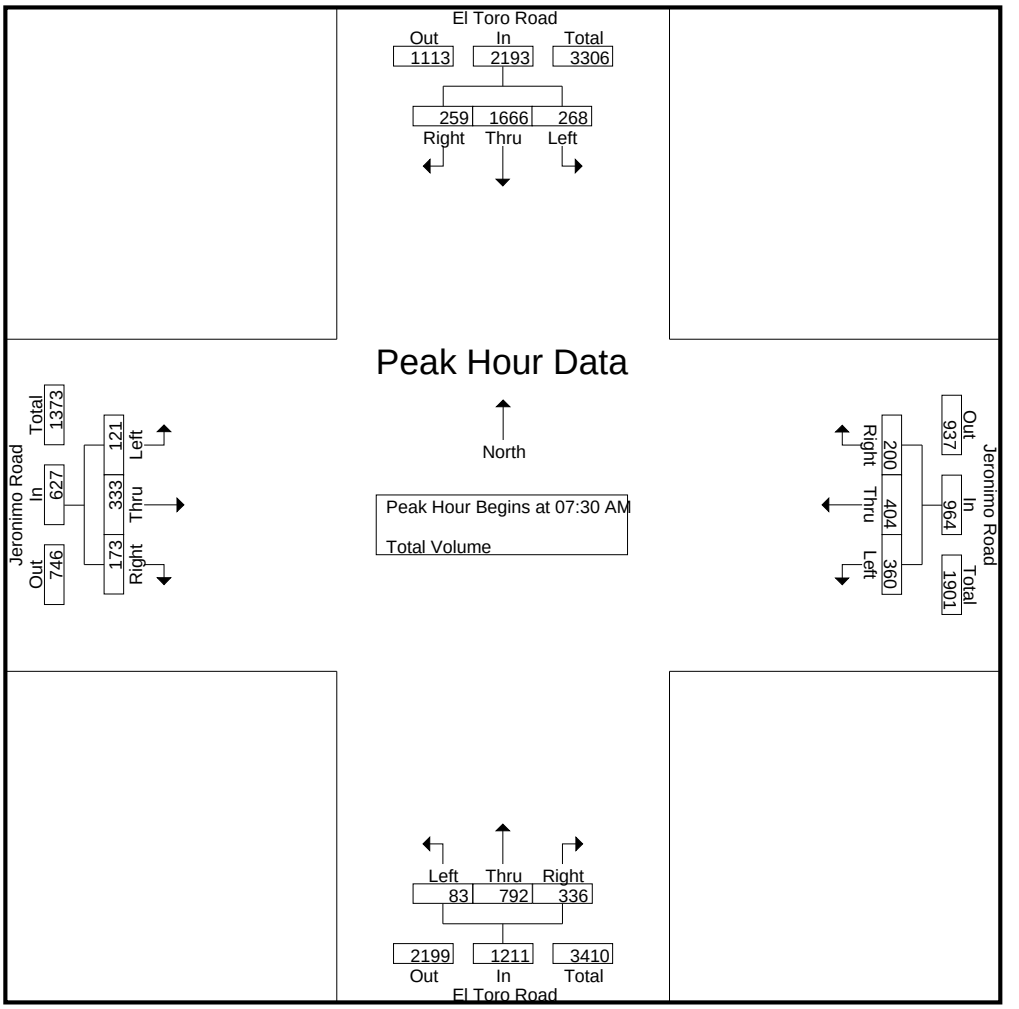

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	64	428	54	546	91	114	51	256	25	164	88	277	23	75	41	139
+15 mins.	56	410	82	548	**128**	98	48	**274**	**32**	**244**	90	**366**	37	78	**58**	173
+30 mins.	68	**436**	**85**	**589**	82	106	**69**	257	14	213	**91**	318	**53**	**127**	51	**231**
+45 mins.	**80**	392	38	510	75	**123**	44	242	6	206	54	266	19	45	22	86
Total Volume	268	1666	259	2193	376	441	212	1029	77	827	323	1227	132	325	172	629
% App. Total	12.2	76	11.8		36.5	42.9	20.6		6.3	67.4	26.3		21	51.7	27.3	
PHF	.838	.955	.762	.931	.734	.896	.768	.939	.602	.847	.887	.838	.623	.640	.741	.681

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City of Lake Forest
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File Name : 420_LKF_El T_Jer PM
Site Code : 05124139
Start Date : 2/13/2024
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Groups Printed- Total Volume

	El Toro Road Southbound				Jeronimo Road Westbound				El Toro Road Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	44	262	26	332	57	76	58	191	28	334	80	442	40	115	28	183	1148
04:15 PM	52	268	26	346	58	87	57	202	22	331	78	431	29	138	32	199	1178
04:30 PM	35	253	22	310	59	93	71	223	29	396	80	505	39	138	28	205	1243
04:45 PM	46	264	24	334	49	75	47	171	28	340	87	455	33	125	23	181	1141
Total	177	1047	98	1322	223	331	233	787	107	1401	325	1833	141	516	111	768	4710
05:00 PM	47	244	26	317	61	86	72	219	20	366	69	455	41	132	27	200	1191
05:15 PM	64	276	28	368	64	95	67	226	26	362	62	450	40	147	26	213	1257
05:30 PM	48	234	22	304	58	65	65	188	33	395	74	502	29	185	24	238	1232
05:45 PM	59	253	27	339	57	78	76	211	27	331	67	425	31	139	21	191	1166
Total	218	1007	103	1328	240	324	280	844	106	1454	272	1832	141	603	98	842	4846
Grand Total	395	2054	201	2650	463	655	513	1631	213	2855	597	3665	282	1119	209	1610	9556
Apprch %	14.9	77.5	7.6		28.4	40.2	31.5		5.8	77.9	16.3		17.5	69.5	13		
Total %	4.1	21.5	2.1	27.7	4.8	6.9	5.4	17.1	2.2	29.9	6.2	38.4	3	11.7	2.2	16.8	

	El Toro Road Southbound				Jeronimo Road Westbound				El Toro Road Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	47	244	26	317	61	86	72	219	20	366	69	455	**41**	132	**27**	200	1191
05:15 PM	**64**	**276**	**28**	**368**	**64**	**95**	67	**226**	26	362	62	450	40	147	26	213	**1257**
05:30 PM	48	234	22	304	58	65	65	188	**33**	**395**	**74**	**502**	29	**185**	24	**238**	1232
05:45 PM	59	253	27	339	57	78	**76**	211	27	331	67	425	31	139	21	191	1166
Total Volume	218	1007	103	1328	240	324	280	844	106	1454	272	1832	141	603	98	842	4846
% App. Total	16.4	75.8	7.8		28.4	38.4	33.2		5.8	79.4	14.8		16.7	71.6	11.6		
PHF	.852	.912	.920	.902	.938	.853	.921	.934	.803	.920	.919	.912	.860	.815	.907	.884	.964

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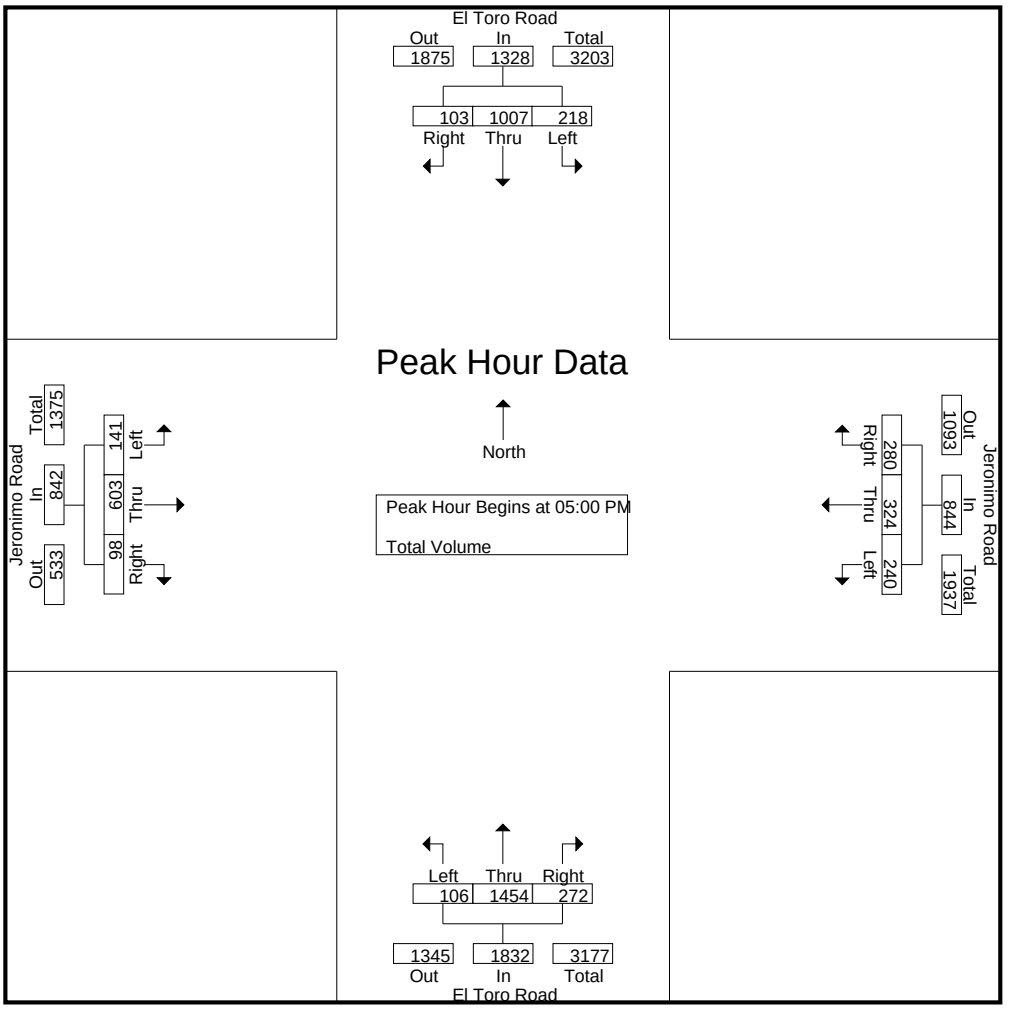
City of Lake Forest
N/S: El Toro Road
E/W: Jeronimo Road
Weather: Clear

File Name : 420_LKF_El T_Jer PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:30 PM				05:00 PM			
+0 mins.	35	253	22	310	61	86	72	219	**29**	**396**	80	**505**	**41**	132	**27**	200
+15 mins.	46	264	24	334	**64**	**95**	67	**226**	28	340	**87**	455	40	147	26	213
+30 mins.	47	244	26	317	58	65	65	188	20	366	69	455	29	**185**	24	**238**
+45 mins.	**64**	**276**	**28**	**368**	57	78	**76**	211	26	362	62	450	31	139	21	191
Total Volume	192	1037	100	1329	240	324	280	844	103	1464	298	1865	141	603	98	842
% App. Total	14.4	78	7.5		28.4	38.4	33.2		5.5	78.5	16		16.7	71.6	11.6	
PHF	.750	.939	.893	.903	.938	.853	.921	.934	.888	.924	.856	.923	.860	.815	.907	.884

Location: Lake Forest
N/S: El Toro Road
E/W: Jeronimo Road

ITAM: 420
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg El Toro Road	East Leg Jeronimo Road	South Leg El Toro Road	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	3	1	4
7:30 AM	2	0	1	2	5
7:45 AM	1	4	2	2	9
8:00 AM	1	0	2	4	7
8:15 AM	1	0	0	2	3
8:30 AM	0	0	2	3	5
8:45 AM	2	1	0	1	4
TOTAL VOLUMES:	7	5	10	15	37

	North Leg El Toro Road	East Leg Jeronimo Road	South Leg El Toro Road	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	3	3	1	5	12
4:15 PM	1	2	0	2	5
4:30 PM	1	1	2	1	5
4:45 PM	0	0	1	2	3
5:00 PM	0	2	1	0	3
5:15 PM	0	1	1	0	2
5:30 PM	0	1	3	0	4
5:45 PM	1	1	0	0	2
TOTAL VOLUMES:	6	11	9	10	36

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Location: Lake Forest
N/S: El Toro Road
E/W: Jeronimo Road

ITAM: 420
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound El Toro Road			Westbound Jeronimo Road			Northbound El Toro Road			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound El Toro Road			Westbound Jeronimo Road			Northbound El Toro Road			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:45 PM	0	0	0	0	0	1	0	0	0	0	1	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	2	0	0	2	0	5
TOTAL VOLUMES:	0	0	0	0	1	1	0	4	0	1	4	0	11

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Trabuco Road
Weather: Clear

File Name : 421_MSV_LosA_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Trabuco Road Westbound				Los Alisos Boulevard Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	20	126	33	179	15	44	13	72	20	43	9	72	21	71	24	116	439
07:15 AM	14	139	48	201	16	62	17	95	9	55	22	86	23	89	20	132	514
07:30 AM	32	165	51	248	43	133	32	208	19	63	29	111	25	119	22	166	733
07:45 AM	38	240	72	350	42	116	35	193	28	81	30	139	32	120	32	184	866
Total	104	670	204	978	116	355	97	568	76	242	90	408	101	399	98	598	2552
08:00 AM	25	248	67	340	53	162	36	251	60	136	37	233	58	118	57	233	1057
08:15 AM	51	182	80	313	57	146	47	250	29	128	43	200	90	155	79	324	1087
08:30 AM	28	228	57	313	61	113	22	196	34	99	24	157	30	87	40	157	823
08:45 AM	20	161	30	211	54	86	19	159	23	73	21	117	35	75	38	148	635
Total	124	819	234	1177	225	507	124	856	146	436	125	707	213	435	214	862	3602
Grand Total	228	1489	438	2155	341	862	221	1424	222	678	215	1115	314	834	312	1460	6154
Apprch %	10.6	69.1	20.3		23.9	60.5	15.5		19.9	60.8	19.3		21.5	57.1	21.4		
Total %	3.7	24.2	7.1	35	5.5	14	3.6	23.1	3.6	11	3.5	18.1	5.1	13.6	5.1	23.7	

	Los Alisos Boulevard Southbound				Trabuco Road Westbound				Los Alisos Boulevard Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	38	240	72	**350**	42	116	35	193	28	81	30	139	32	120	32	184	866
08:00 AM	25	**248**	67	340	53	**162**	36	**251**	**60**	**136**	37	**233**	58	118	57	233	1057
08:15 AM	**51**	182	**80**	313	57	146	**47**	250	29	128	**43**	200	**90**	**155**	**79**	**324**	**1087**
08:30 AM	28	228	57	313	**61**	113	22	196	34	99	24	157	30	87	40	157	823
Total Volume	142	898	276	1316	213	537	140	890	151	444	134	729	210	480	208	898	3833
% App. Total	10.8	68.2	21		23.9	60.3	15.7		20.7	60.9	18.4		23.4	53.5	23.2		
PHF	.696	.905	.863	.940	.873	.829	.745	.886	.629	.816	.779	.782	.583	.774	.658	.693	.882

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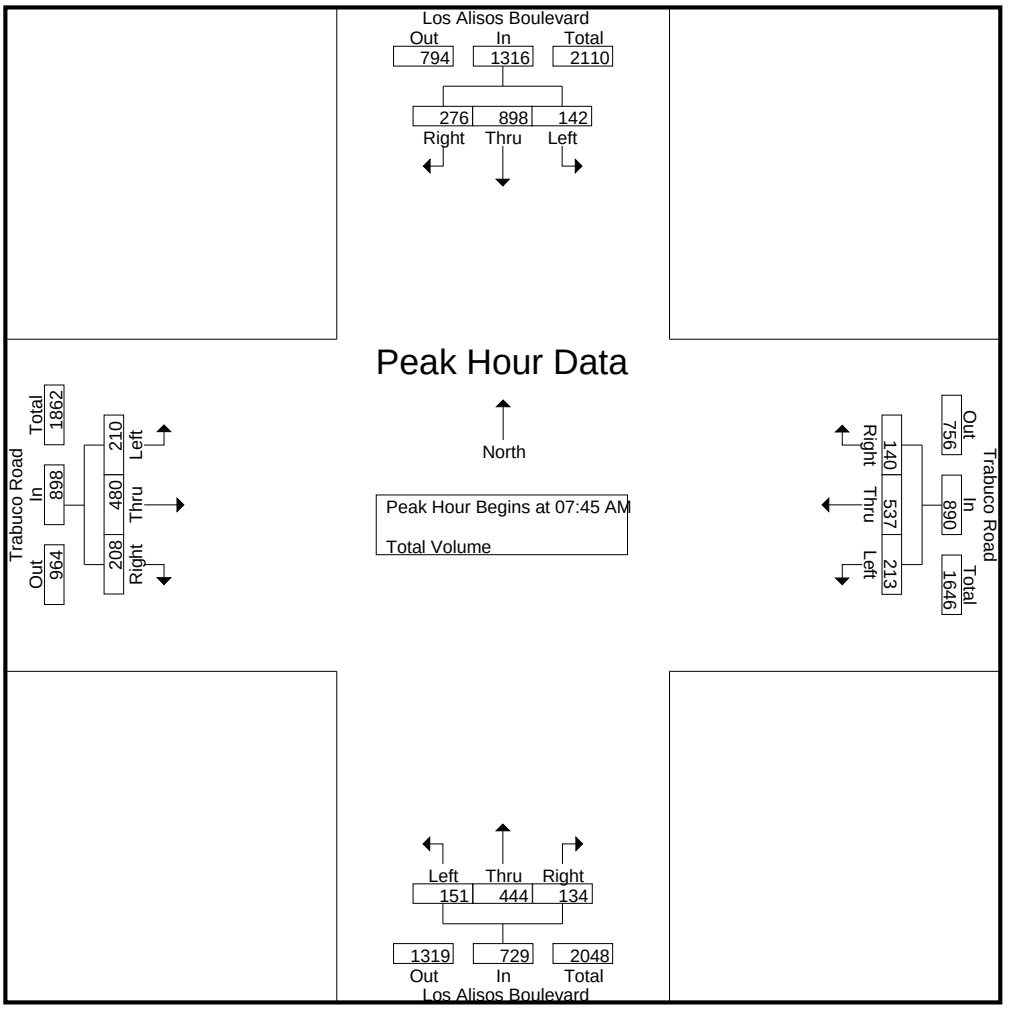
City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Trabuco Road
Weather: Clear

File Name : 421_MSV_LosA_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	38	240	72	**350**	43	133	32	208	28	81	30	139	25	119	22	166
+15 mins.	25	**248**	67	340	42	116	35	193	**60**	**136**	37	**233**	32	120	32	184
+30 mins.	**51**	182	**80**	313	53	**162**	36	**251**	29	128	**43**	200	58	118	57	233
+45 mins.	28	228	57	313	**57**	146	**47**	250	34	99	24	157	**90**	**155**	**79**	**324**
Total Volume	142	898	276	1316	195	557	150	902	151	444	134	729	205	512	190	907
% App. Total	10.8	68.2	21		21.6	61.8	16.6		20.7	60.9	18.4		22.6	56.4	20.9	
PHF	.696	.905	.863	.940	.855	.860	.798	.898	.629	.816	.779	.782	.569	.826	.601	.700

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Trabuco Road
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File Name : 421_MSV_LosA_Tra PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Trabuco Road Westbound				Los Alisos Boulevard Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	29	111	35	175	35	112	39	186	61	176	62	299	85	147	37	269	929
04:15 PM	33	134	27	194	46	105	35	186	38	172	65	275	70	141	42	253	908
04:30 PM	26	110	33	169	47	100	26	173	42	197	71	310	79	138	43	260	912
04:45 PM	28	132	38	198	41	103	31	175	50	170	41	261	66	145	52	263	897
Total	116	487	133	736	169	420	131	720	191	715	239	1145	300	571	174	1045	3646
05:00 PM	30	123	30	183	38	118	33	189	47	168	62	277	84	168	36	288	937
05:15 PM	27	127	31	185	44	95	40	179	51	231	61	343	92	160	41	293	1000
05:30 PM	31	119	28	178	36	129	21	186	43	165	62	270	74	151	47	272	906
05:45 PM	32	118	25	175	38	99	33	170	54	189	61	304	44	166	40	250	899
Total	120	487	114	721	156	441	127	724	195	753	246	1194	294	645	164	1103	3742
Grand Total	236	974	247	1457	325	861	258	1444	386	1468	485	2339	594	1216	338	2148	7388
Apprch %	16.2	66.8	17		22.5	59.6	17.9		16.5	62.8	20.7		27.7	56.6	15.7		
Total %	3.2	13.2	3.3	19.7	4.4	11.7	3.5	19.5	5.2	19.9	6.6	31.7	8	16.5	4.6	29.1	

	Los Alisos Boulevard Southbound				Trabuco Road Westbound				Los Alisos Boulevard Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	26	110	33	169	**47**	100	26	173	42	197	**71**	310	79	138	43	260	912
04:45 PM	28	**132**	**38**	**198**	41	103	31	175	50	170	41	261	66	145	**52**	263	897
05:00 PM	**30**	123	30	183	38	**118**	33	**189**	47	168	62	277	84	**168**	36	288	937
05:15 PM	27	127	31	185	44	95	**40**	179	**51**	**231**	61	**343**	**92**	160	41	**293**	**1000**
Total Volume	111	492	132	735	170	416	130	716	190	766	235	1191	321	611	172	1104	3746
% App. Total	15.1	66.9	18		23.7	58.1	18.2		16	64.3	19.7		29.1	55.3	15.6		
PHF	.925	.932	.868	.928	.904	.881	.813	.947	.931	.829	.827	.868	.872	.909	.827	.942	.937

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City of Mission Viejo
N/S: Los Alisos Boulevard
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File Name : 421_MSV_LosA_Tra PM
Site Code : 05124139
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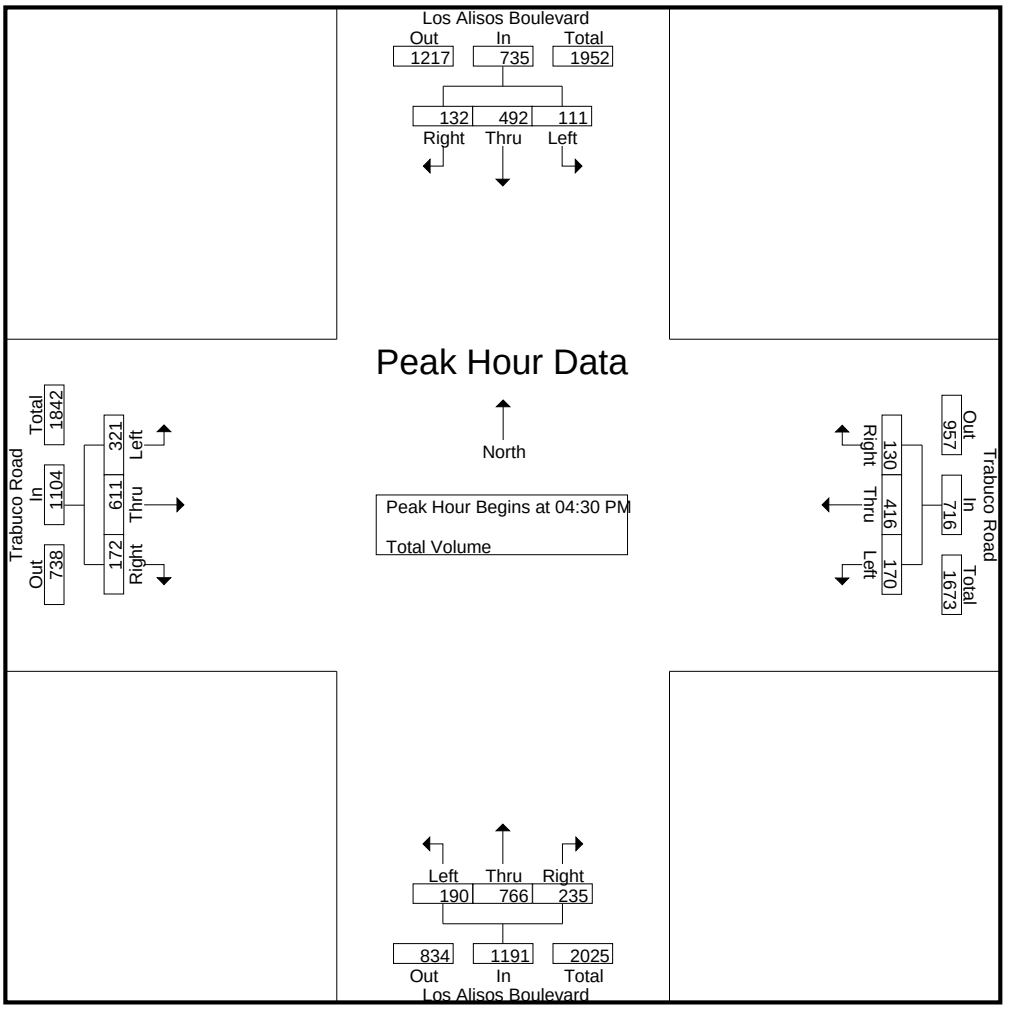

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				05:00 PM				04:45 PM			
+0 mins.	**33**	**134**	27	194	41	103	31	175	47	168	**62**	277	66	145	**52**	263
+15 mins.	26	110	33	169	38	118	33	**189**	51	**231**	61	**343**	84	**168**	36	288
+30 mins.	28	132	**38**	**198**	**44**	95	**40**	179	43	165	62	270	**92**	160	41	**293**
+45 mins.	30	123	30	183	36	**129**	21	186	**54**	189	61	304	74	151	47	272
Total Volume	117	499	128	744	159	445	125	729	195	753	246	1194	316	624	176	1116
% App. Total	15.7	67.1	17.2		21.8	61	17.1		16.3	63.1	20.6		28.3	55.9	15.8	
PHF	.886	.931	.842	.939	.903	.862	.781	.964	.903	.815	.992	.870	.859	.929	.846	.952

Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Trabuco Road

ITAM: 421
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Los Alisos Boulevard	East Leg Trabuco Road	South Leg Los Alisos Boulevard	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	1	0	0	1
8:00 AM	0	0	6	0	6
8:15 AM	1	1	1	0	3
8:30 AM	0	1	0	0	1
8:45 AM	0	0	4	1	5
TOTAL VOLUMES:	1	3	11	1	16

	North Leg Los Alisos Boulevard	East Leg Trabuco Road	South Leg Los Alisos Boulevard	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	2	0	1	0	3
4:45 PM	1	0	0	1	2
5:00 PM	0	0	1	0	1
5:15 PM	0	0	1	0	1
5:30 PM	0	1	0	0	1
5:45 PM	0	2	0	0	2
TOTAL VOLUMES:	3	4	3	1	11

Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Trabuco Road

ITAM: 421
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Los Alisos Boulevard			Westbound Trabuco Road			Northbound Los Alisos Boulevard			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	2	1	0	0	0	0	0	0	0	0	0	3

	Southbound Los Alisos Boulevard			Westbound Trabuco Road			Northbound Los Alisos Boulevard			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
5:00 PM	0	1	0	0	0	0	0	0	2	0	0	0	3
5:15 PM	0	0	0	0	1	1	0	1	1	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	0	2	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	0	2	1	0	1	6	0	1	0	12

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road
Weather: Clear

File Name : 422_MSV_LosA_Jer AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Jeronimo Road Westbound				Los Alisos Boulevard Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	21	164	36	221	14	52	8	74	15	55	20	90	24	32	19	75	460
07:15 AM	23	204	43	270	22	67	6	95	26	83	23	132	28	65	46	139	636
07:30 AM	21	221	53	295	37	89	11	137	41	107	32	180	44	128	46	218	830
07:45 AM	32	300	74	406	40	101	16	157	44	163	52	259	45	145	47	237	1059
Total	97	889	206	1192	113	309	41	463	126	408	127	661	141	370	158	669	2985
08:00 AM	43	273	107	423	54	140	17	211	62	162	48	272	61	151	66	278	1184
08:15 AM	59	241	82	382	63	131	40	234	50	133	42	225	98	148	44	290	1131
08:30 AM	29	223	76	328	60	134	26	220	38	130	36	204	40	106	34	180	932
08:45 AM	37	190	50	277	43	105	15	163	42	106	34	182	45	89	37	171	793
Total	168	927	315	1410	220	510	98	828	192	531	160	883	244	494	181	919	4040
Grand Total	265	1816	521	2602	333	819	139	1291	318	939	287	1544	385	864	339	1588	7025
Apprch %	10.2	69.8	20		25.8	63.4	10.8		20.6	60.8	18.6		24.2	54.4	21.3		
Total %	3.8	25.9	7.4	37	4.7	11.7	2	18.4	4.5	13.4	4.1	22	5.5	12.3	4.8	22.6	

	Los Alisos Boulevard Southbound				Jeronimo Road Westbound				Los Alisos Boulevard Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	32	**300**	74	406	40	101	16	157	44	**163**	**52**	259	45	145	47	237	1059
08:00 AM	43	273	**107**	**423**	54	**140**	17	211	**62**	162	48	**272**	61	**151**	**66**	278	**1184**
08:15 AM	**59**	241	82	382	**63**	131	**40**	**234**	50	133	42	225	**98**	148	44	**290**	1131
08:30 AM	29	223	76	328	60	134	26	220	38	130	36	204	40	106	34	180	932
Total Volume	163	1037	339	1539	217	506	99	822	194	588	178	960	244	550	191	985	4306
% App. Total	10.6	67.4	22		26.4	61.6	12		20.2	61.2	18.5		24.8	55.8	19.4		
PHF	.691	.864	.792	.910	.861	.904	.619	.878	.782	.902	.856	.882	.622	.911	.723	.849	.909

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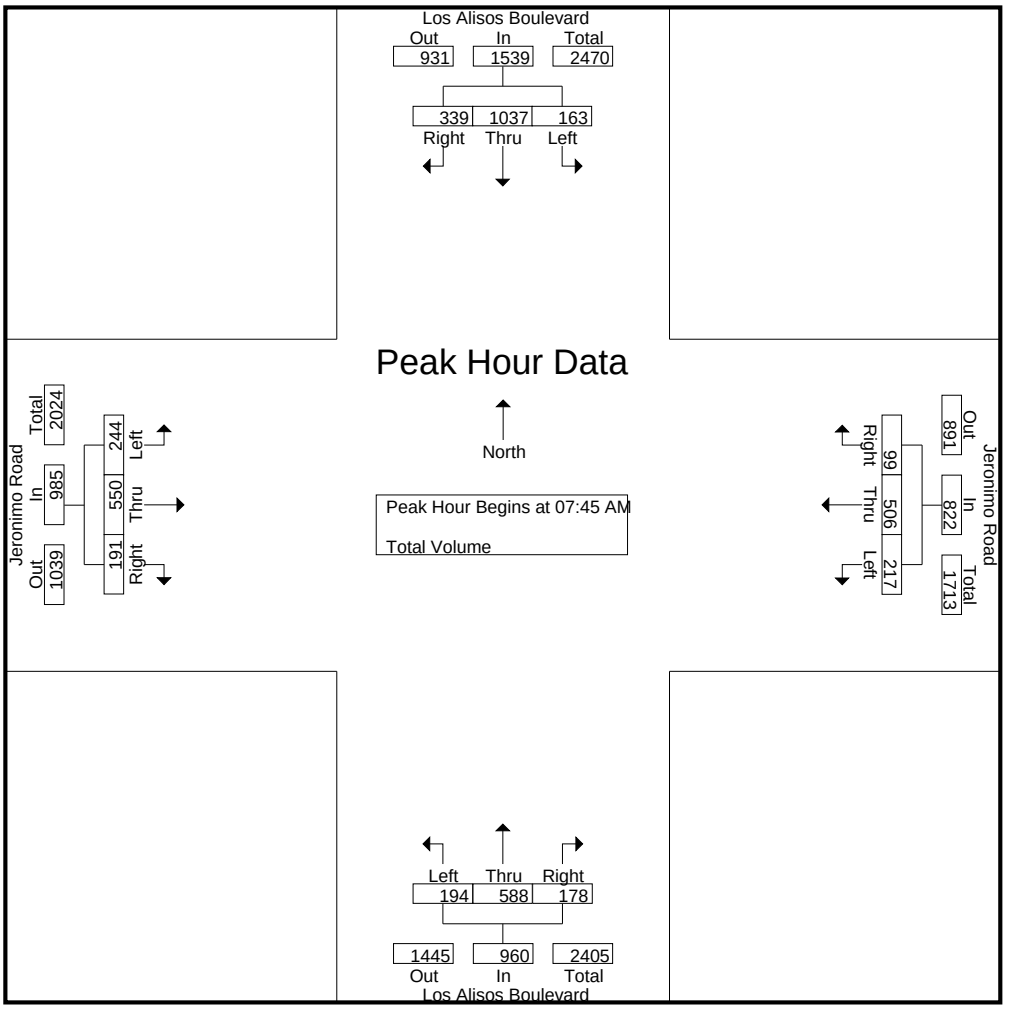
City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road
Weather: Clear

File Name : 422_MSV_LosA_Jer AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:30 AM			
+0 mins.	32	**300**	74	406	54	**140**	17	211	44	**163**	**52**	259	44	128	46	218
+15 mins.	43	273	**107**	**423**	**63**	131	**40**	**234**	**62**	162	48	**272**	45	145	47	237
+30 mins.	**59**	241	82	382	60	134	26	220	50	133	42	225	61	**151**	**66**	278
+45 mins.	29	223	76	328	43	105	15	163	38	130	36	204	**98**	148	44	**290**
Total Volume	163	1037	339	1539	220	510	98	828	194	588	178	960	248	572	203	1023
% App. Total	10.6	67.4	22		26.6	61.6	11.8		20.2	61.2	18.5		24.2	55.9	19.8	
PHF	.691	.864	.792	.910	.873	.911	.613	.885	.782	.902	.856	.882	.633	.947	.769	.882

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road
Weather: Clear

File Name : 422_MSV_LosA_Jer PM
Site Code : 05124139
Start Date : 2/13/2024
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Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Jeronimo Road Westbound				Los Alisos Boulevard Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	33	128	42	203	67	124	29	220	45	219	44	308	65	180	38	283	1014
04:15 PM	40	173	41	254	51	105	27	183	51	266	51	368	56	151	43	250	1055
04:30 PM	36	159	39	234	65	148	55	268	53	226	52	331	86	149	36	271	1104
04:45 PM	39	163	40	242	59	120	33	212	54	268	64	386	62	149	34	245	1085
Total	148	623	162	933	242	497	144	883	203	979	211	1393	269	629	151	1049	4258
05:00 PM	38	166	42	246	77	112	38	227	39	254	69	362	88	135	37	260	1095
05:15 PM	33	141	43	217	66	134	27	227	66	244	71	381	68	161	48	277	1102
05:30 PM	31	164	39	234	59	109	36	204	47	254	45	346	95	174	40	309	1093
05:45 PM	27	141	41	209	63	116	22	201	54	224	63	341	79	171	41	291	1042
Total	129	612	165	906	265	471	123	859	206	976	248	1430	330	641	166	1137	4332
Grand Total	277	1235	327	1839	507	968	267	1742	409	1955	459	2823	599	1270	317	2186	8590
Apprch %	15.1	67.2	17.8		29.1	55.6	15.3		14.5	69.3	16.3		27.4	58.1	14.5		
Total %	3.2	14.4	3.8	21.4	5.9	11.3	3.1	20.3	4.8	22.8	5.3	32.9	7	14.8	3.7	25.4	

	Los Alisos Boulevard Southbound				Jeronimo Road Westbound				Los Alisos Boulevard Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	36	159	39	234	65	**148**	**55**	**268**	53	226	52	331	86	149	36	271	**1104**
04:45 PM	**39**	163	40	242	59	120	33	212	54	**268**	64	**386**	62	149	34	245	1085
05:00 PM	38	**166**	42	**246**	**77**	112	38	227	39	254	69	362	**88**	135	37	260	1095
05:15 PM	33	141	**43**	217	66	134	27	227	**66**	244	**71**	381	68	**161**	**48**	**277**	1102
Total Volume	146	629	164	939	267	514	153	934	212	992	256	1460	304	594	155	1053	4386
% App. Total	15.5	67	17.5		28.6	55	16.4		14.5	67.9	17.5		28.9	56.4	14.7		
PHF	.936	.947	.953	.954	.867	.868	.695	.871	.803	.925	.901	.946	.864	.922	.807	.950	.993

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road
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File Name : 422_MSV_LosA_Jer PM
Site Code : 05124139
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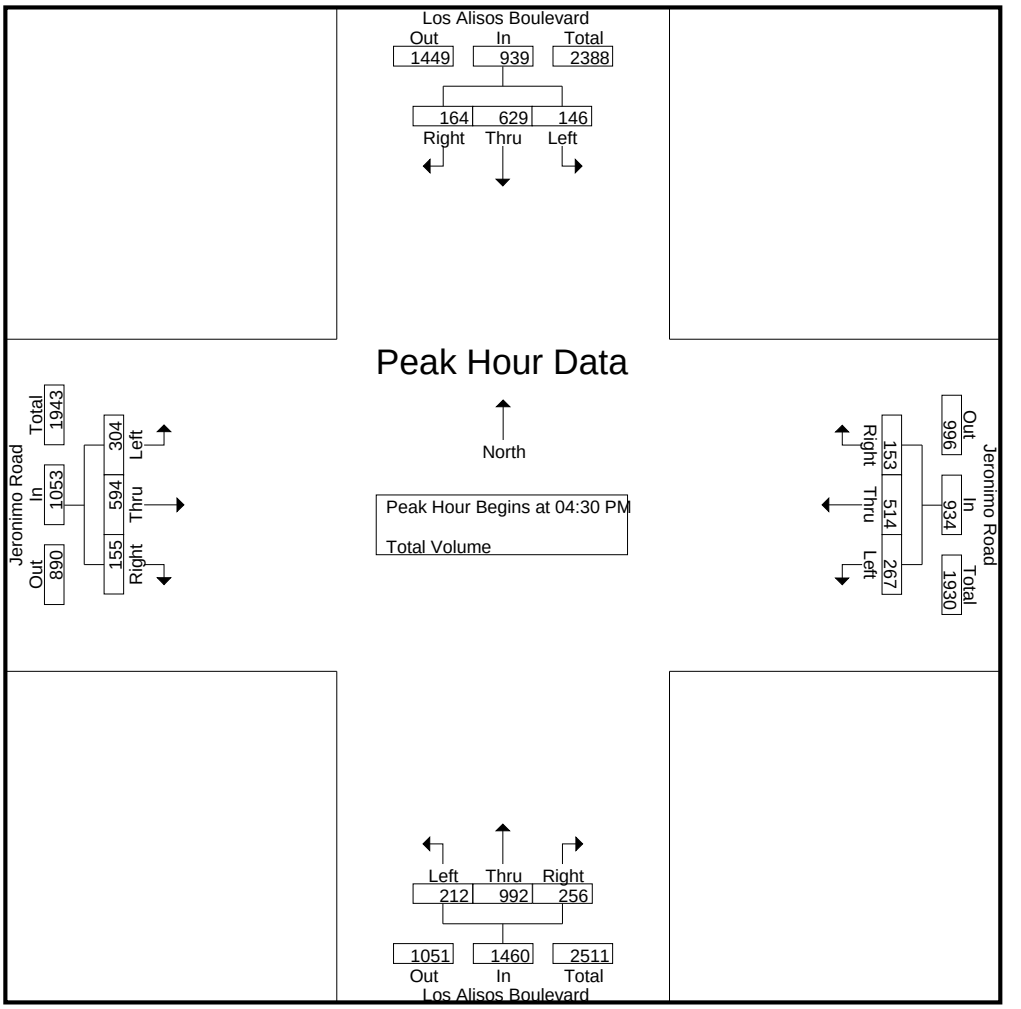

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:30 PM				04:45 PM				05:00 PM			
+0 mins.	**40**	**173**	41	**254**	65	**148**	**55**	**268**	54	**268**	64	**386**	88	135	37	260
+15 mins.	36	159	39	234	59	120	33	212	39	254	69	362	68	161	**48**	277
+30 mins.	39	163	40	242	**77**	112	38	227	**66**	244	**71**	381	**95**	**174**	40	**309**
+45 mins.	38	166	**42**	246	66	134	27	227	47	254	45	346	79	171	41	291
Total Volume	153	661	162	976	267	514	153	934	206	1020	249	1475	330	641	166	1137
% App. Total	15.7	67.7	16.6		28.6	55	16.4		14	69.2	16.9		29	56.4	14.6	
PHF	.956	.955	.964	.961	.867	.868	.695	.871	.780	.951	.877	.955	.868	.921	.865	.920

Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road

ITAM: 422
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Los Alisos Boulevard	East Leg Jeronimo Road	South Leg Los Alisos Boulevard	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	2	0	0	0	2
7:15 AM	0	0	0	0	0
7:30 AM	2	1	1	3	7
7:45 AM	2	2	0	1	5
8:00 AM	2	1	0	0	3
8:15 AM	0	0	3	1	4
8:30 AM	2	1	1	1	5
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	11	5	5	6	27

	North Leg Los Alisos Boulevard	East Leg Jeronimo Road	South Leg Los Alisos Boulevard	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	2	2	2	8
4:15 PM	0	4	0	0	4
4:30 PM	1	1	1	0	3
4:45 PM	1	2	1	1	5
5:00 PM	1	0	0	1	2
5:15 PM	0	2	2	0	4
5:30 PM	0	0	0	0	0
5:45 PM	1	0	1	1	3
TOTAL VOLUMES:	6	11	7	5	29

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Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Jeronimo Road

ITAM: 422
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Los Alisos Boulevard			Westbound Jeronimo Road			Northbound Los Alisos Boulevard			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	0	0	0	2

	Southbound Los Alisos Boulevard			Westbound Jeronimo Road			Northbound Los Alisos Boulevard			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:00 PM	0	0	0	0	3	0	0	0	0	0	0	0	3
5:15 PM	0	1	0	0	1	0	0	0	0	0	2	0	4
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	5	0	0	0	0	0	3	0	9

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Muirlands Boulevard
Weather: Clear

File Name : 423_MSV_LosA_Muir AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Muirlands Boulevard Westbound				Los Alisos Boulevard Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	48	121	27	196	20	38	6	64	26	60	40	126	16	97	31	144	530
07:15 AM	47	185	41	273	32	76	2	110	31	88	30	149	26	75	25	126	658
07:30 AM	60	184	47	291	20	81	13	114	35	146	50	231	32	129	38	199	835
07:45 AM	73	205	81	359	51	138	16	205	42	157	66	265	30	159	36	225	1054
Total	228	695	196	1119	123	333	37	493	134	451	186	771	104	460	130	694	3077
08:00 AM	74	248	86	408	78	125	35	238	53	183	75	311	55	147	30	232	1189
08:15 AM	52	246	77	375	45	120	14	179	39	159	50	248	41	157	59	257	1059
08:30 AM	53	222	56	331	28	81	21	130	29	139	46	214	23	98	25	146	821
08:45 AM	45	199	38	282	25	82	13	120	23	125	27	175	36	119	32	187	764
Total	224	915	257	1396	176	408	83	667	144	606	198	948	155	521	146	822	3833
Grand Total	452	1610	453	2515	299	741	120	1160	278	1057	384	1719	259	981	276	1516	6910
Apprch %	18	64	18		25.8	63.9	10.3		16.2	61.5	22.3		17.1	64.7	18.2		
Total %	6.5	23.3	6.6	36.4	4.3	10.7	1.7	16.8	4	15.3	5.6	24.9	3.7	14.2	4	21.9	

	Los Alisos Boulevard Southbound				Muirlands Boulevard Westbound				Los Alisos Boulevard Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	60	184	47	291	20	81	13	114	35	146	50	231	32	129	38	199	835
07:45 AM	73	205	81	359	51	**138**	16	205	42	157	66	265	30	**159**	36	225	1054
08:00 AM	**74**	**248**	**86**	**408**	**78**	125	**35**	**238**	**53**	**183**	**75**	**311**	**55**	147	30	232	**1189**
08:15 AM	52	246	77	375	45	120	14	179	39	159	50	248	41	157	**59**	**257**	1059
Total Volume	259	883	291	1433	194	464	78	736	169	645	241	1055	158	592	163	913	4137
% App. Total	18.1	61.6	20.3		26.4	63	10.6		16	61.1	22.8		17.3	64.8	17.9		
PHF	.875	.890	.846	.878	.622	.841	.557	.773	.797	.881	.803	.848	.718	.931	.691	.888	.870

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City of Mission Viejo
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File Name : 423_MSV_LosA_Muir AM
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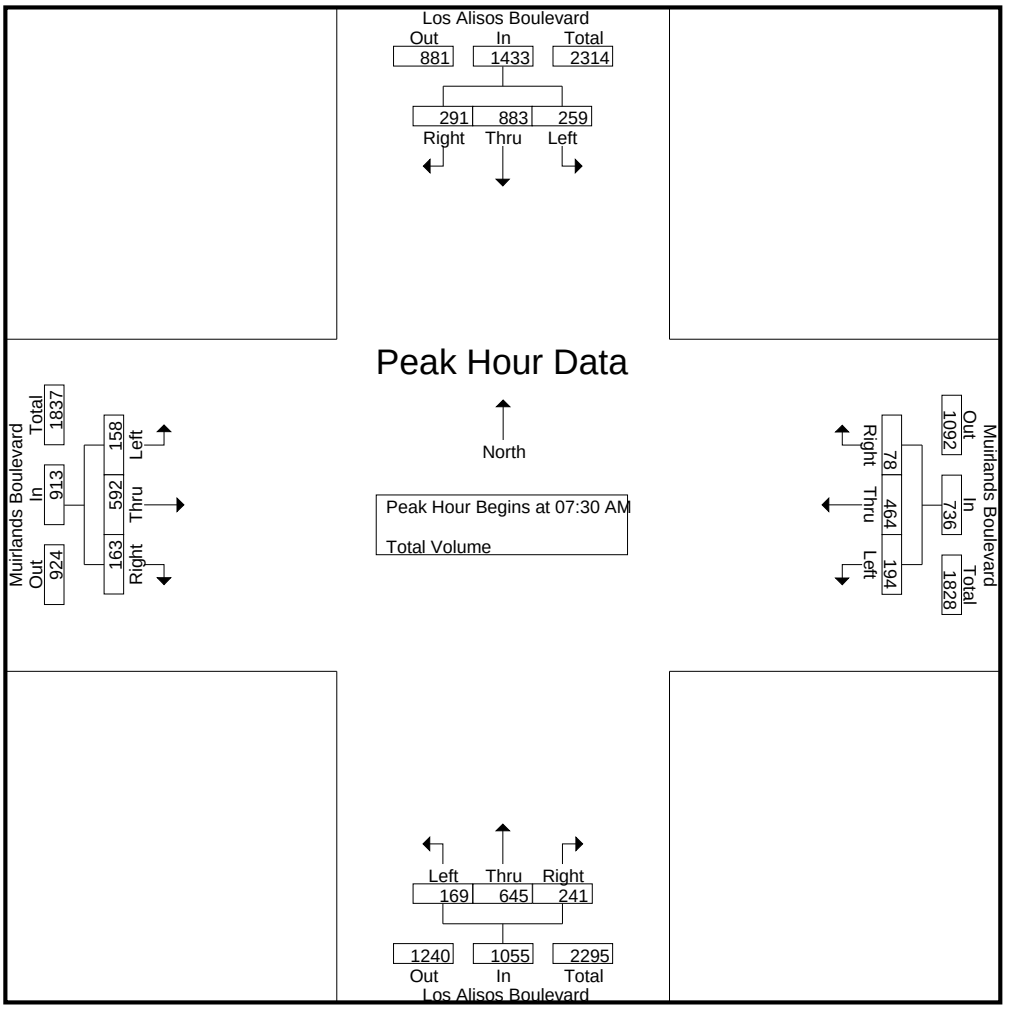

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	73	205	81	359	51	**138**	16	205	35	146	50	231	32	129	38	199
+15 mins.	**74**	**248**	**86**	**408**	**78**	125	**35**	**238**	42	157	66	265	30	**159**	36	225
+30 mins.	52	246	77	375	45	120	14	179	**53**	**183**	**75**	**311**	**55**	147	30	232
+45 mins.	53	222	56	331	28	81	21	130	39	159	50	248	41	157	**59**	**257**
Total Volume	252	921	300	1473	202	464	86	752	169	645	241	1055	158	592	163	913
% App. Total	17.1	62.5	20.4		26.9	61.7	11.4		16	61.1	22.8		17.3	64.8	17.9	
PHF	.851	.928	.872	.903	.647	.841	.614	.790	.797	.881	.803	.848	.718	.931	.691	.888

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Muirlands Boulevard
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File Name : 423_MSV_LosA_Muir PM
Site Code : 05124139
Start Date : 2/13/2024
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Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Muirlands Boulevard Westbound				Los Alisos Boulevard Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	36	138	45	219	23	91	47	161	56	247	64	367	58	135	55	248	995
04:15 PM	39	154	50	243	30	97	33	160	55	239	65	359	79	197	44	320	1082
04:30 PM	44	174	54	272	21	103	35	159	55	247	59	361	58	142	43	243	1035
04:45 PM	39	155	48	242	35	104	33	172	36	244	61	341	88	212	52	352	1107
Total	158	621	197	976	109	395	148	652	202	977	249	1428	283	686	194	1163	4219
05:00 PM	48	185	54	287	18	105	29	152	34	202	44	280	82	164	61	307	1026
05:15 PM	41	157	50	248	32	118	31	181	63	260	66	389	72	196	51	319	1137
05:30 PM	51	142	47	240	36	85	39	160	47	236	84	367	65	167	44	276	1043
05:45 PM	36	172	54	262	22	102	37	161	40	274	69	383	64	150	30	244	1050
Total	176	656	205	1037	108	410	136	654	184	972	263	1419	283	677	186	1146	4256
Grand Total	334	1277	402	2013	217	805	284	1306	386	1949	512	2847	566	1363	380	2309	8475
Apprch %	16.6	63.4	20		16.6	61.6	21.7		13.6	68.5	18		24.5	59	16.5		
Total %	3.9	15.1	4.7	23.8	2.6	9.5	3.4	15.4	4.6	23	6	33.6	6.7	16.1	4.5	27.2	

	Los Alisos Boulevard Southbound				Muirlands Boulevard Westbound				Los Alisos Boulevard Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	39	155	48	242	35	104	33	172	36	244	61	341	**88**	**212**	52	**352**	1107
05:00 PM	48	**185**	**54**	**287**	18	105	29	152	34	202	44	280	82	164	**61**	307	1026
05:15 PM	41	157	50	248	32	**118**	31	**181**	**63**	**260**	66	**389**	72	196	51	319	**1137**
05:30 PM	**51**	142	47	240	**36**	85	**39**	160	47	236	**84**	367	65	167	44	276	1043
Total Volume	179	639	199	1017	121	412	132	665	180	942	255	1377	307	739	208	1254	4313
% App. Total	17.6	62.8	19.6		18.2	62	19.8		13.1	68.4	18.5		24.5	58.9	16.6		
PHF	.877	.864	.921	.886	.840	.873	.846	.919	.714	.906	.759	.885	.872	.871	.852	.891	.948

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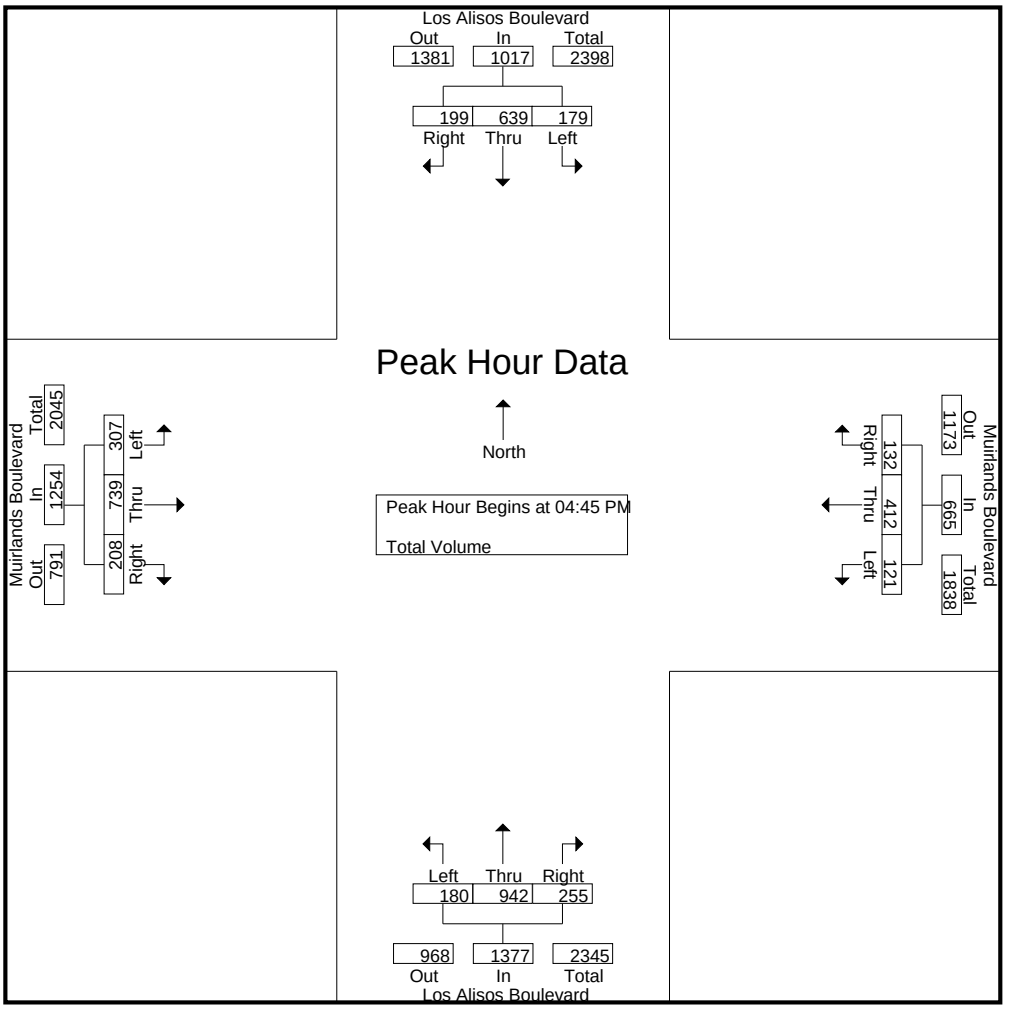

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				04:00 PM				04:45 PM			
+0 mins.	44	174	**54**	272	35	104	33	172	**56**	**247**	64	**367**	**88**	**212**	52	**352**
+15 mins.	39	155	48	242	18	105	29	152	55	239	**65**	359	82	164	**61**	307
+30 mins.	**48**	**185**	54	**287**	32	**118**	31	**181**	55	247	59	361	72	196	51	319
+45 mins.	41	157	50	248	**36**	85	**39**	160	36	244	61	341	65	167	44	276
Total Volume	172	671	206	1049	121	412	132	665	202	977	249	1428	307	739	208	1254
% App. Total	16.4	64	19.6		18.2	62	19.8		14.1	68.4	17.4		24.5	58.9	16.6	
PHF	.896	.907	.954	.914	.840	.873	.846	.919	.902	.989	.958	.973	.872	.871	.852	.891

Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Muirlands Blvd

ITAM: 423
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Los Alisos Boulevard	East Leg Muirlands Blvd	South Leg Los Alisos Boulevard	West Leg Muirlands Blvd	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	4	3	0	8
7:15 AM	2	0	3	1	6
7:30 AM	2	0	1	2	5
7:45 AM	15	6	3	4	28
8:00 AM	16	20	1	7	44
8:15 AM	2	2	0	0	4
8:30 AM	1	2	0	0	3
8:45 AM	2	0	0	0	2
TOTAL VOLUMES:	41	34	11	14	100

	North Leg Los Alisos Boulevard	East Leg Muirlands Blvd	South Leg Los Alisos Boulevard	West Leg Muirlands Blvd	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	4	1	0	1	6
4:15 PM	1	1	0	0	2
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	1	1
5:45 PM	0	3	4	0	7
TOTAL VOLUMES:	5	6	4	2	17

Location: Mission Viejo
N/S: Los Alisos Boulevard
E/W: Muirlands Blvd

ITAM: 423
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Los Alisos Boulevard			Westbound Muirlands Blvd			Northbound Los Alisos Boulevard			Eastbound Muirlands Blvd			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	0	1	0	0	0	1	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	1	0	0	0	1	4

	Southbound Los Alisos Boulevard			Westbound Muirlands Blvd			Northbound Los Alisos Boulevard			Eastbound Muirlands Blvd			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	5	0	6

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City of Lake Forest
N/S: Los Alisos Boulevard
E/W: Rockfield Boulevard/Fordview Street
Weather: Clear

File Name : 424_LKF_Los Ali_Rock AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Fordview Street Westbound				Los Alisos Boulevard Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	107	56	164	0	5	2	7	15	73	0	88	40	0	22	62	321
07:15 AM	1	174	80	255	4	6	5	15	24	130	1	155	29	1	30	60	485
07:30 AM	1	173	84	258	7	9	4	20	32	189	0	221	35	6	37	78	577
07:45 AM	1	210	67	278	6	15	8	29	40	214	1	255	81	7	44	132	694
Total	4	664	287	955	17	35	19	71	111	606	2	719	185	14	133	332	2077
08:00 AM	3	190	150	343	5	9	13	27	59	221	0	280	61	3	62	126	776
08:15 AM	2	211	139	352	0	19	4	23	68	144	6	218	81	5	68	154	747
08:30 AM	4	223	63	290	7	7	6	20	53	134	0	187	75	2	51	128	625
08:45 AM	4	174	60	238	3	5	6	14	42	132	0	174	49	2	38	89	515
Total	13	798	412	1223	15	40	29	84	222	631	6	859	266	12	219	497	2663
Grand Total	17	1462	699	2178	32	75	48	155	333	1237	8	1578	451	26	352	829	4740
Apprch %	0.8	67.1	32.1		20.6	48.4	31		21.1	78.4	0.5		54.4	3.1	42.5		
Total %	0.4	30.8	14.7	45.9	0.7	1.6	1	3.3	7	26.1	0.2	33.3	9.5	0.5	7.4	17.5	

	Los Alisos Boulevard Southbound				Fordview Street Westbound				Los Alisos Boulevard Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	1	210	67	278	6	15	8	**29**	40	214	1	255	**81**	**7**	44	132	694
08:00 AM	3	190	**150**	343	5	9	**13**	27	59	**221**	0	**280**	61	3	62	126	**776**
08:15 AM	2	211	139	**352**	0	**19**	4	23	**68**	144	**6**	218	81	5	**68**	**154**	747
08:30 AM	**4**	**223**	63	290	**7**	7	6	20	53	134	0	187	75	2	51	128	625
Total Volume	10	834	419	1263	18	50	31	99	220	713	7	940	298	17	225	540	2842
% App. Total	0.8	66	33.2		18.2	50.5	31.3		23.4	75.9	0.7		55.2	3.1	41.7		
PHF	.625	.935	.698	.897	.643	.658	.596	.853	.809	.807	.292	.839	.920	.607	.827	.877	.916

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Weather: Clear

File Name : 424_LKF_Los Ali_Rock AM3
Site Code : 05124139
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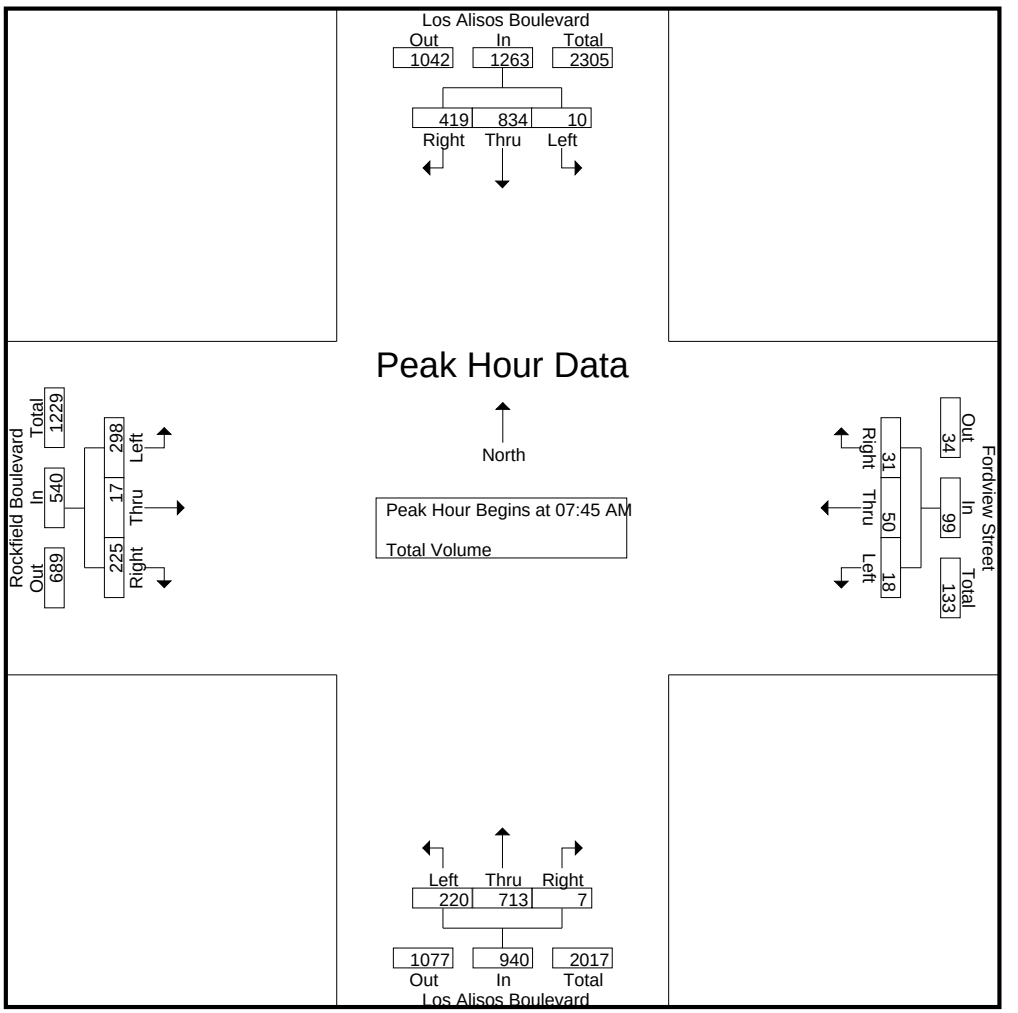

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:30 AM				07:45 AM			
+0 mins.	1	210	67	278	**7**	9	4	20	32	189	0	221	**81**	**7**	44	132
+15 mins.	3	190	**150**	343	6	15	8	**29**	40	214	1	255	61	3	62	126
+30 mins.	2	211	139	**352**	5	9	**13**	27	59	**221**	0	**280**	81	5	**68**	**154**
+45 mins.	**4**	**223**	63	290	0	**19**	4	23	**68**	144	**6**	218	75	2	51	128
Total Volume	10	834	419	1263	18	52	29	99	199	768	7	974	298	17	225	540
% App. Total	0.8	66	33.2		18.2	52.5	29.3		20.4	78.9	0.7		55.2	3.1	41.7	
PHF	.625	.935	.698	.897	.643	.684	.558	.853	.732	.869	.292	.870	.920	.607	.827	.877

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City of Lake Forest
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Weather: Clear

File Name : 424_LKF_Los Ali_Rock PM3
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Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Fordview Street Westbound				Los Alisos Boulevard Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	4	185	68	257	1	3	4	8	67	282	0	349	77	7	72	156	770
04:15 PM	6	155	65	226	0	10	4	14	55	258	1	314	101	6	78	185	739
04:30 PM	5	165	78	248	3	6	3	12	54	272	0	326	73	5	64	142	728
04:45 PM	7	162	78	247	1	3	13	17	45	264	0	309	104	4	68	176	749
Total	22	667	289	978	5	22	24	51	221	1076	1	1298	355	22	282	659	2986
05:00 PM	7	157	73	237	4	7	6	17	47	305	1	353	89	13	68	170	777
05:15 PM	6	198	75	279	2	7	5	14	55	336	0	391	71	9	76	156	840
05:30 PM	6	147	55	208	2	6	6	14	55	305	0	360	100	9	64	173	755
05:45 PM	2	185	63	250	6	7	6	19	56	262	2	320	86	6	67	159	748
Total	21	687	266	974	14	27	23	64	213	1208	3	1424	346	37	275	658	3120
Grand Total	43	1354	555	1952	19	49	47	115	434	2284	4	2722	701	59	557	1317	6106
Apprch %	2.2	69.4	28.4		16.5	42.6	40.9		15.9	83.9	0.1		53.2	4.5	42.3		
Total %	0.7	22.2	9.1	32	0.3	0.8	0.8	1.9	7.1	37.4	0.1	44.6	11.5	1	9.1	21.6	

	Los Alisos Boulevard Southbound				Fordview Street Westbound				Los Alisos Boulevard Northbound				Rockfield Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**7**	162	**78**	247	1	3	**13**	**17**	45	264	0	309	**104**	4	68	**176**	749
05:00 PM	7	157	73	237	**4**	**7**	6	17	47	305	**1**	353	89	**13**	68	170	777
05:15 PM	6	**198**	75	**279**	2	7	5	14	**55**	**336**	0	**391**	71	9	**76**	156	**840**
05:30 PM	6	147	55	208	2	6	6	14	55	305	0	360	100	9	64	173	755
Total Volume	26	664	281	971	9	23	30	62	202	1210	1	1413	364	35	276	675	3121
% App. Total	2.7	68.4	28.9		14.5	37.1	48.4		14.3	85.6	0.1		53.9	5.2	40.9		
PHF	.929	.838	.901	.870	.563	.821	.577	.912	.918	.900	.250	.903	.875	.673	.908	.959	.929

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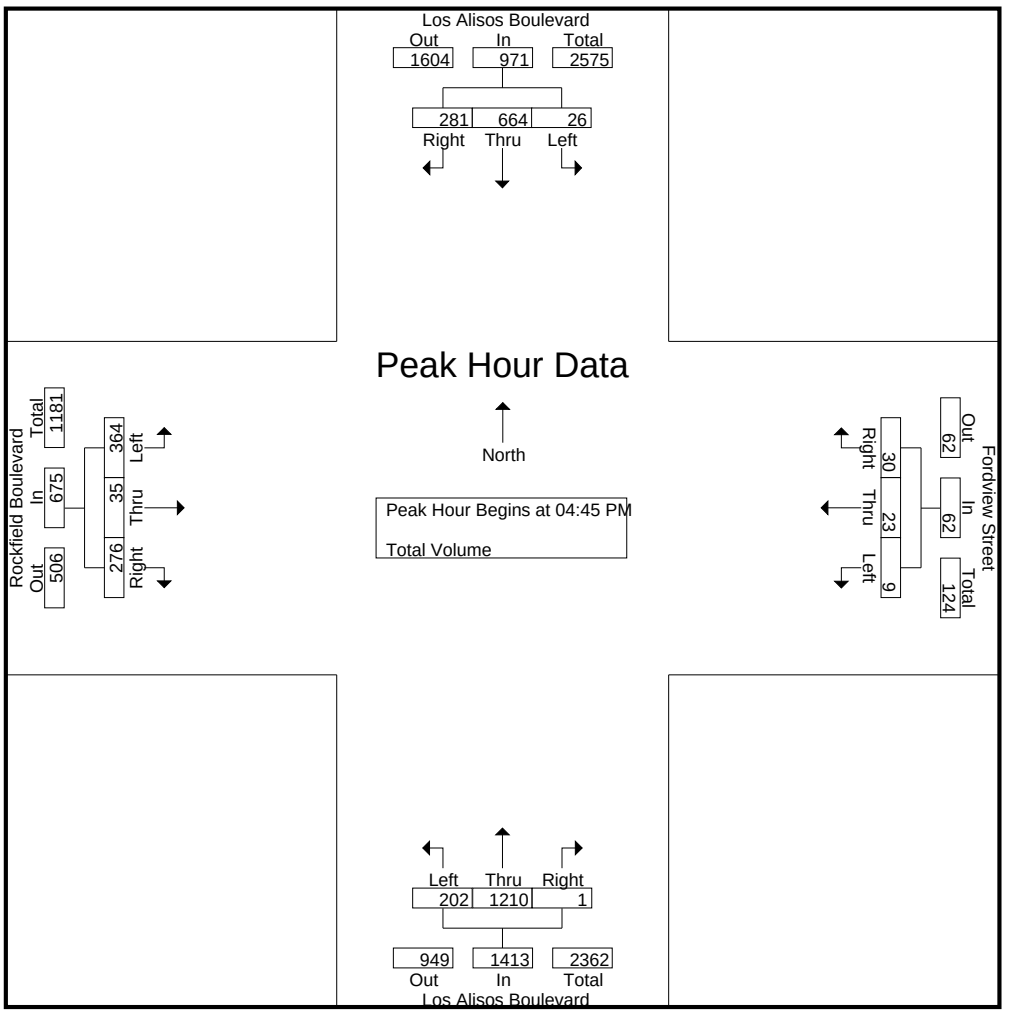

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				04:45 PM			
+0 mins.	5	165	**78**	248	4	**7**	**6**	17	47	305	1	353	**104**	4	68	**176**
+15 mins.	**7**	162	78	247	2	7	5	14	55	**336**	0	**391**	89	**13**	68	170
+30 mins.	7	157	73	237	2	6	6	14	55	305	0	360	71	9	**76**	156
+45 mins.	6	**198**	75	**279**	**6**	7	6	**19**	**56**	262	**2**	320	100	9	64	173
Total Volume	25	682	304	1011	14	27	23	64	213	1208	3	1424	364	35	276	675
% App. Total	2.5	67.5	30.1		21.9	42.2	35.9		15	84.8	0.2		53.9	5.2	40.9	
PHF	.893	.861	.974	.906	.583	.964	.958	.842	.951	.899	.375	.910	.875	.673	.908	.959

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City of Laguna Hills
N/S: Los Alisos Boulevard
E/W: Avenida De la Carlota
Weather: Clear

File Name : 425_LHS_Los Ali_AvdL Car AM3
Site Code : 05124139
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Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Avenida De la Carlota Westbound				Los Alisos Boulevard Northbound				Avenida De la Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	104	28	134	0	1	1	2	31	77	0	108	18	2	8	28	272
07:15 AM	2	174	43	219	0	2	0	2	37	134	1	172	25	0	20	45	438
07:30 AM	2	146	44	192	3	3	3	9	32	161	0	193	47	0	17	64	458
07:45 AM	5	231	63	299	6	2	3	11	59	242	1	302	29	1	20	50	662
Total	11	655	178	844	9	8	7	24	159	614	2	775	119	3	65	187	1830
08:00 AM	2	193	45	240	4	1	2	7	40	219	2	261	43	1	19	63	571
08:15 AM	0	255	38	293	3	2	3	8	38	192	2	232	37	0	21	58	591
08:30 AM	2	201	60	263	0	2	1	3	40	140	0	180	37	0	20	57	503
08:45 AM	1	166	53	220	0	1	1	2	35	132	1	168	34	0	12	46	436
Total	5	815	196	1016	7	6	7	20	153	683	5	841	151	1	72	224	2101
Grand Total	16	1470	374	1860	16	14	14	44	312	1297	7	1616	270	4	137	411	3931
Apprch %	0.9	79	20.1		36.4	31.8	31.8		19.3	80.3	0.4		65.7	1	33.3		
Total %	0.4	37.4	9.5	47.3	0.4	0.4	0.4	1.1	7.9	33	0.2	41.1	6.9	0.1	3.5	10.5	

	Los Alisos Boulevard Southbound				Avenida De la Carlota Westbound				Los Alisos Boulevard Northbound				Avenida De la Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**5**	231	**63**	**299**	**6**	**2**	**3**	**11**	**59**	**242**	1	**302**	29	**1**	20	50	**662**
08:00 AM	2	193	45	240	4	1	2	7	40	219	**2**	261	**43**	1	19	**63**	571
08:15 AM	0	**255**	38	293	3	2	3	8	38	192	2	232	37	0	**21**	58	591
08:30 AM	2	201	60	263	0	2	1	3	40	140	0	180	37	0	20	57	503
Total Volume	9	880	206	1095	13	7	9	29	177	793	5	975	146	2	80	228	2327
% App. Total	0.8	80.4	18.8		44.8	24.1	31		18.2	81.3	0.5		64	0.9	35.1		
PHF	.450	.863	.817	.916	.542	.875	.750	.659	.750	.819	.625	.807	.849	.500	.952	.905	.879

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File Name : 425_LHS_Los Ali_AvdL Car AM3
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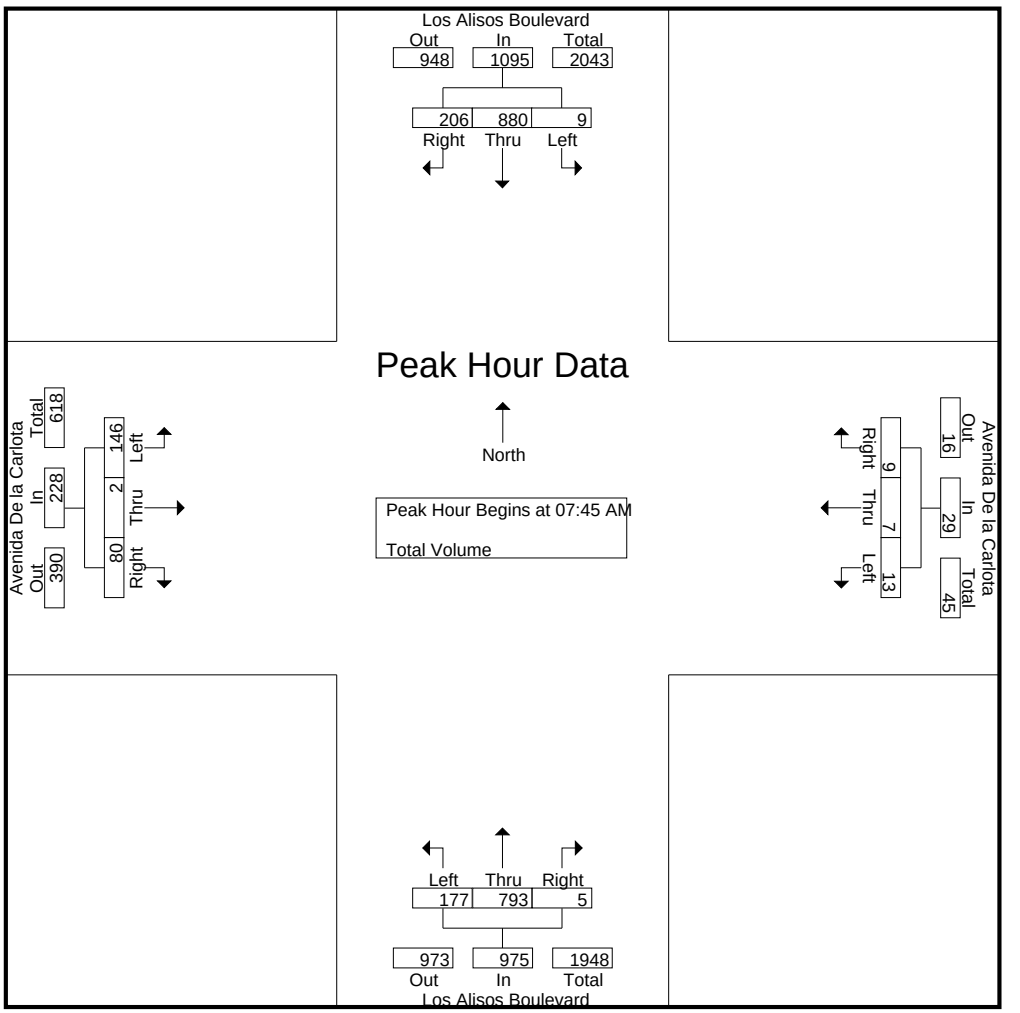

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	**5**	231	**63**	**299**	3	**3**	**3**	9	32	161	0	193	**47**	0	17	**64**
+15 mins.	2	193	45	240	**6**	2	3	**11**	**59**	**242**	1	**302**	29	**1**	20	50
+30 mins.	0	**255**	38	293	4	1	2	7	40	219	**2**	261	43	1	19	63
+45 mins.	2	201	60	263	3	2	3	8	38	192	2	232	37	0	**21**	58
Total Volume	9	880	206	1095	16	8	11	35	169	814	5	988	156	2	77	235
% App. Total	0.8	80.4	18.8		45.7	22.9	31.4		17.1	82.4	0.5		66.4	0.9	32.8	
PHF	.450	.863	.817	.916	.667	.667	.917	.795	.716	.841	.625	.818	.830	.500	.917	.918

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Weather: Clear

File Name : 425_LHS_Los Ali_AvdL Car PM3
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Groups Printed- Total Volume

	Los Alisos Boulevard Southbound				Avenida De la Carlota Westbound				Los Alisos Boulevard Northbound				Avenida De la Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	4	191	49	244	2	4	0	6	41	223	0	264	97	3	50	150	664
04:15 PM	1	205	46	252	2	1	1	4	44	263	2	309	78	3	51	132	697
04:30 PM	1	175	40	216	0	0	4	4	47	207	0	254	94	2	56	152	626
04:45 PM	1	190	56	247	1	1	3	5	22	242	2	266	103	4	60	167	685
Total	7	761	191	959	5	6	8	19	154	935	4	1093	372	12	217	601	2672
05:00 PM	0	201	33	234	2	1	1	4	42	260	3	305	86	1	50	137	680
05:15 PM	2	187	52	241	0	2	4	6	38	259	1	298	127	1	55	183	728
05:30 PM	3	201	37	241	1	4	3	8	24	248	1	273	111	2	49	162	684
05:45 PM	1	181	43	225	1	0	3	4	23	201	1	225	114	1	46	161	615
Total	6	770	165	941	4	7	11	22	127	968	6	1101	438	5	200	643	2707
Grand Total	13	1531	356	1900	9	13	19	41	281	1903	10	2194	810	17	417	1244	5379
Apprch %	0.7	80.6	18.7		22	31.7	46.3		12.8	86.7	0.5		65.1	1.4	33.5		
Total %	0.2	28.5	6.6	35.3	0.2	0.2	0.4	0.8	5.2	35.4	0.2	40.8	15.1	0.3	7.8	23.1	

	Los Alisos Boulevard Southbound				Avenida De la Carlota Westbound				Los Alisos Boulevard Northbound				Avenida De la Carlota Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	1	190	**56**	**247**	1	1	3	5	22	242	2	266	103	**4**	**60**	167	685
05:00 PM	0	**201**	33	234	**2**	1	1	4	**42**	**260**	**3**	**305**	86	1	50	137	680
05:15 PM	2	187	52	241	0	2	**4**	6	38	259	1	298	**127**	1	55	**183**	**728**
05:30 PM	**3**	201	37	241	1	**4**	3	**8**	24	248	1	273	111	2	49	162	684
Total Volume	6	779	178	963	4	8	11	23	126	1009	7	1142	427	8	214	649	2777
% App. Total	0.6	80.9	18.5		17.4	34.8	47.8		11	88.4	0.6		65.8	1.2	33		
PHF	.500	.969	.795	.975	.500	.500	.688	.719	.750	.970	.583	.936	.841	.500	.892	.887	.954

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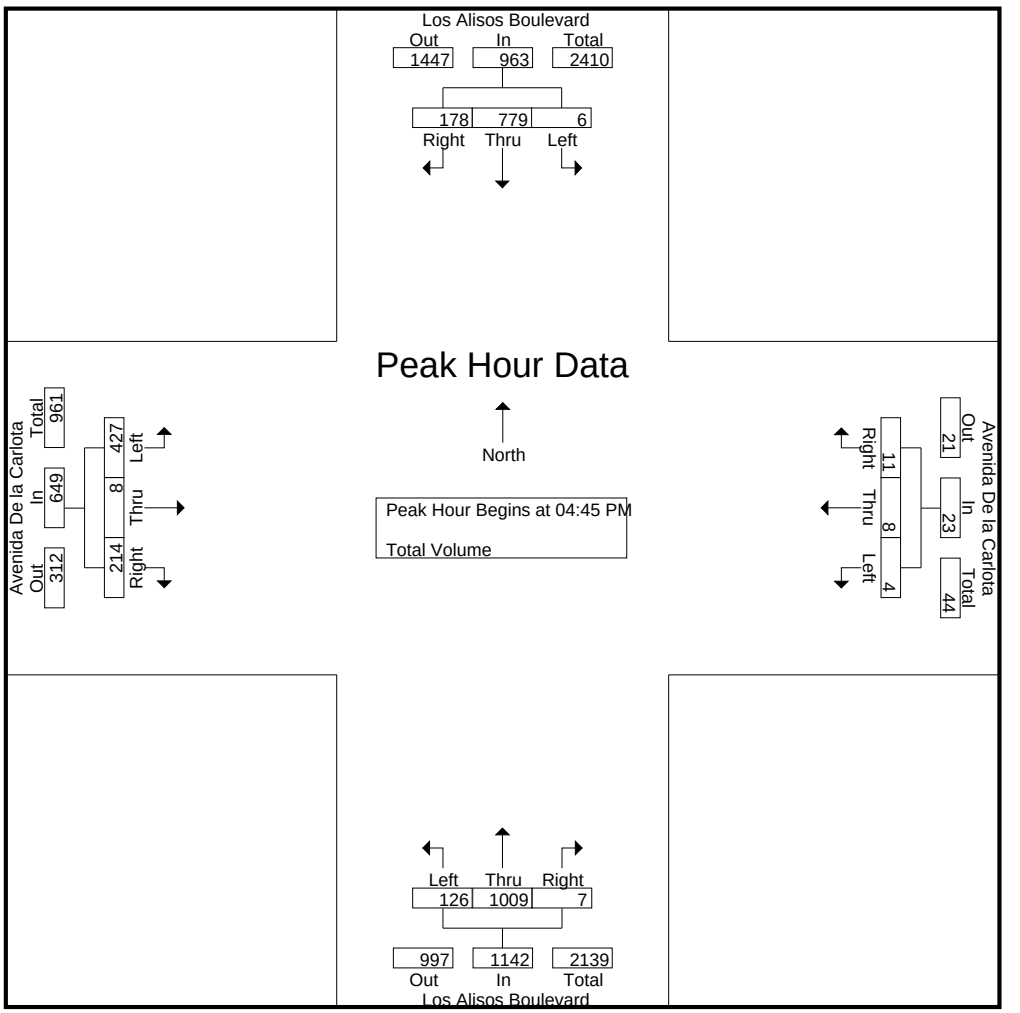
E/W: Avenida De la Carlota
Weather: Clear

File Name : 425_LHS_Los Ali_AvdL Car PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	1	190	**56**	**247**	1	1	3	5	22	242	2	266	103	**4**	**60**	167
+15 mins.	0	**201**	33	234	**2**	1	1	4	**42**	**260**	**3**	**305**	86	1	50	137
+30 mins.	2	187	52	241	0	2	**4**	6	38	259	1	298	**127**	1	55	**183**
+45 mins.	**3**	201	37	241	1	**4**	3	**8**	24	248	1	273	111	2	49	162
Total Volume	6	779	178	963	4	8	11	23	126	1009	7	1142	427	8	214	649
% App. Total	0.6	80.9	18.5		17.4	34.8	47.8		11	88.4	0.6		65.8	1.2	33	
PHF	.500	.969	.795	.975	.500	.500	.688	.719	.750	.970	.583	.936	.841	.500	.892	.887

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Avenida De La Carlota
Weather: Clear

File Name : 426_LHS_LosA_Adl Car AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound			Avenida De La Carlota Westbound			Avenida De La Carlota Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	43	30	73	68	95	163	12	69	81	317
07:15 AM	121	44	165	95	157	252	13	78	91	508
07:30 AM	141	33	174	134	188	322	18	95	113	609
07:45 AM	203	79	282	159	277	436	24	87	111	829
Total	508	186	694	456	717	1173	67	329	396	2263
08:00 AM	166	60	226	157	259	416	13	92	105	747
08:15 AM	209	68	277	164	204	368	14	92	106	751
08:30 AM	178	77	255	139	168	307	14	91	105	667
08:45 AM	104	60	164	165	162	327	15	80	95	586
Total	657	265	922	625	793	1418	56	355	411	2751
Grand Total	1165	451	1616	1081	1510	2591	123	684	807	5014
Apprch %	72.1	27.9		41.7	58.3		15.2	84.8		
Total %	23.2	9	32.2	21.6	30.1	51.7	2.5	13.6	16.1	

	Los Alisos Boulevard Southbound			Avenida De La Carlota Westbound			Avenida De La Carlota Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	203	**79**	**282**	159	**277**	**436**	**24**	87	**111**	**829**
08:00 AM	166	60	226	157	259	416	13	**92**	105	747
08:15 AM	**209**	68	277	**164**	204	368	14	92	106	751
08:30 AM	178	77	255	139	168	307	14	91	105	667
Total Volume	756	284	1040	619	908	1527	65	362	427	2994
% App. Total	72.7	27.3		40.5	59.5		15.2	84.8		
PHF	.904	.899	.922	.944	.819	.876	.677	.984	.962	.903

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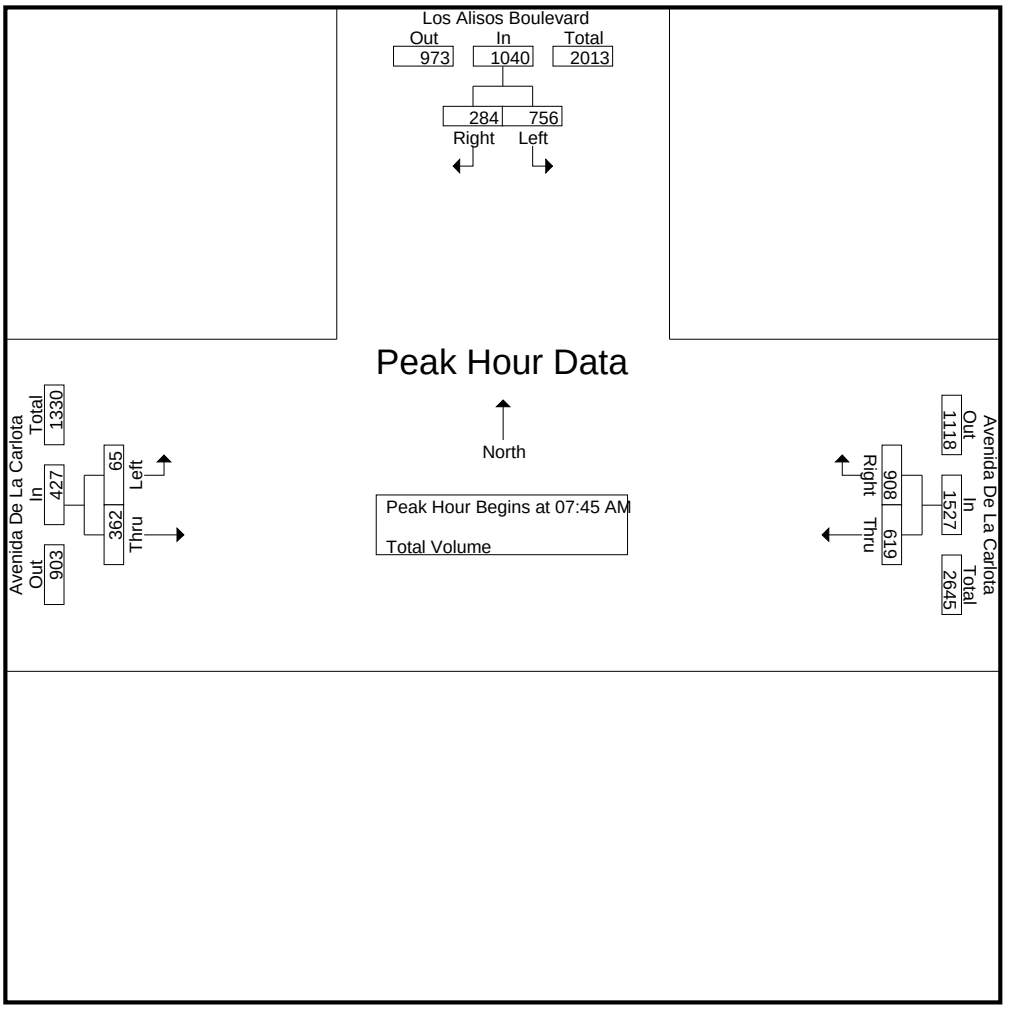
City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Avenida De La Carlota
Weather: Clear

File Name : 426_LHS_LosA_Adl Car AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:30 AM			07:30 AM		
+0 mins.	203	**79**	**282**	134	188	322	18	**95**	**113**
+15 mins.	166	60	226	159	**277**	**436**	**24**	87	111
+30 mins.	**209**	68	277	157	259	416	13	92	105
+45 mins.	178	77	255	**164**	204	368	14	92	106
Total Volume	756	284	1040	614	928	1542	69	366	435
% App. Total	72.7	27.3		39.8	60.2		15.9	84.1	
PHF	.904	.899	.922	.936	.838	.884	.719	.963	.962

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City of Mission Viejo
N/S: Los Alisos Boulevard
E/W: Avenida De La Carlota
Weather: Clear

File Name : 426_LHS_LosA_Adl Car PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Los Alisos Boulevard Southbound			Avenida De La Carlota Westbound			Avenida De La Carlota Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	214	59	273	107	236	343	45	162	207	823
04:15 PM	199	52	251	96	246	342	58	167	225	818
04:30 PM	175	28	203	88	227	315	50	175	225	743
04:45 PM	173	40	213	94	222	316	47	188	235	764
Total	761	179	940	385	931	1316	200	692	892	3148
05:00 PM	231	61	292	100	225	325	72	206	278	895
05:15 PM	197	43	240	113	281	394	51	180	231	865
05:30 PM	197	46	243	89	227	316	41	166	207	766
05:45 PM	175	52	227	102	202	304	45	157	202	733
Total	800	202	1002	404	935	1339	209	709	918	3259
Grand Total	1561	381	1942	789	1866	2655	409	1401	1810	6407
Apprch %	80.4	19.6		29.7	70.3		22.6	77.4		
Total %	24.4	5.9	30.3	12.3	29.1	41.4	6.4	21.9	28.3	

	Los Alisos Boulevard Southbound			Avenida De La Carlota Westbound			Avenida De La Carlota Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	173	40	213	94	222	316	47	188	235	764
05:00 PM	**231**	**61**	**292**	100	225	325	**72**	**206**	**278**	**895**
05:15 PM	197	43	240	**113**	**281**	**394**	51	180	231	865
05:30 PM	197	46	243	89	227	316	41	166	207	766
Total Volume	798	190	988	396	955	1351	211	740	951	3290
% App. Total	80.8	19.2		29.3	70.7		22.2	77.8		
PHF	.864	.779	.846	.876	.850	.857	.733	.898	.855	.919

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City of Mission Viejo
N/S: Los Alisos Boulevard
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Weather: Clear

File Name : 426_LHS_LosA_Adl Car PM
Site Code : 05124139
Start Date : 2/13/2024
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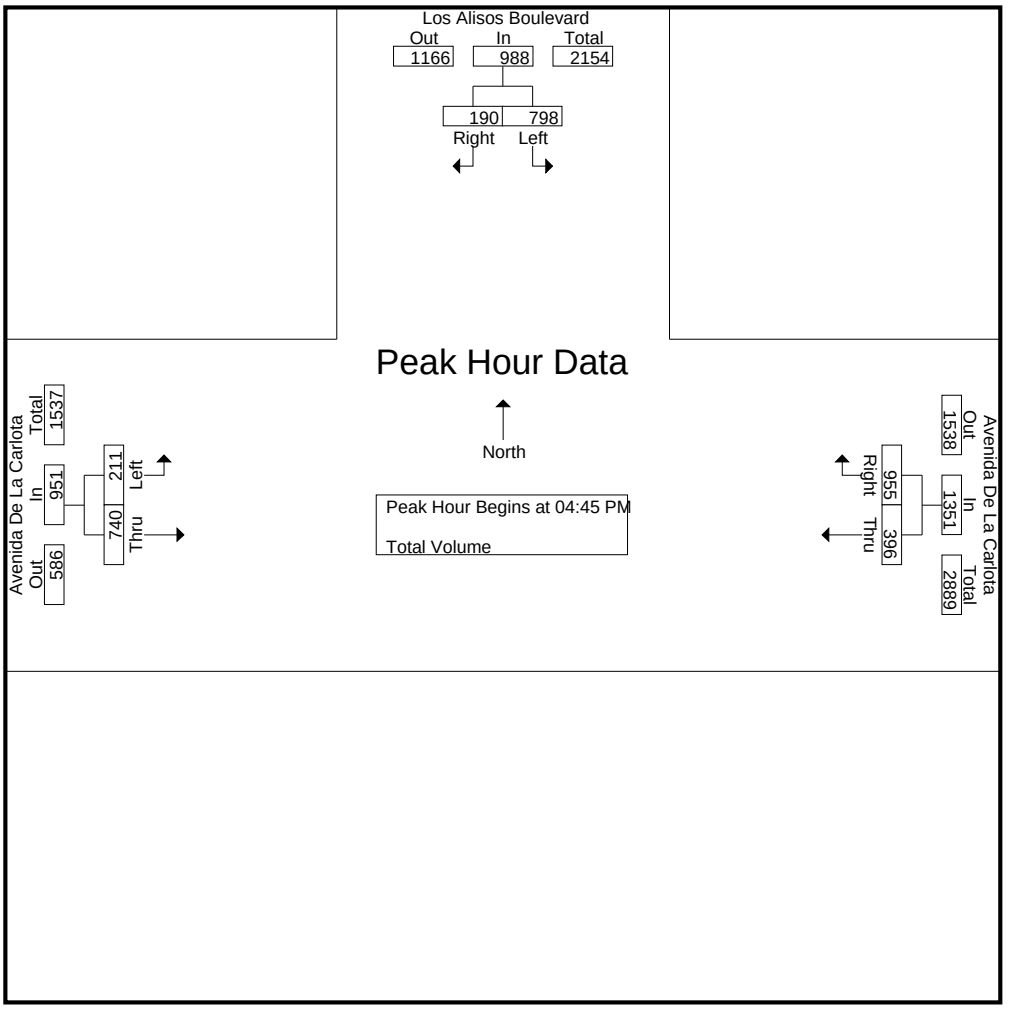

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:45 PM			04:30 PM		
+0 mins.	**231**	**61**	**292**	94	222	316	50	175	225
+15 mins.	197	43	240	100	225	325	47	188	235
+30 mins.	197	46	243	**113**	**281**	**394**	**72**	**206**	**278**
+45 mins.	175	52	227	89	227	316	51	180	231
Total Volume	800	202	1002	396	955	1351	220	749	969
% App. Total	79.8	20.2		29.3	70.7		22.7	77.3	
PHF	.866	.828	.858	.876	.850	.857	.764	.909	.871

Location: Laguna Hills
N/S: Los Alisos Boulevard
E/W: Avd De La Carlota

ITAM: 426
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Los Alisos Boulevard	East Leg Avd De La Carlota	South Leg Los Alisos Boulevard	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	4	0	0	0	4
7:30 AM	2	0	0	0	2
7:45 AM	2	0	0	0	2
8:00 AM	0	0	0	0	0
8:15 AM	2	0	0	0	2
8:30 AM	0	0	0	0	0
8:45 AM	2	0	0	0	2
TOTAL VOLUMES:	13	0	0	0	13

	North Leg Los Alisos Boulevard	East Leg Avd De La Carlota	South Leg Los Alisos Boulevard	West Leg Avd De La Carlota	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	1	0	0	0	1
4:45 PM	3	0	0	0	3
5:00 PM	0	0	0	0	0
5:15 PM	4	0	0	0	4
5:30 PM	7	0	0	0	7
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	16	0	0	0	16

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Location: Laguna Hills
N/S: Los Alisos Boulevard
E/W: Avd De La Carlota

ITAM: 426
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Los Alisos Boulevard			Westbound Avd De La Carlota			Northbound Los Alisos Boulevard			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	2	0	0	0	0	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	2	0	0	0	2	0	0	0	0	0	0	0	4

	Southbound Los Alisos Boulevard			Westbound Avd De La Carlota			Northbound Los Alisos Boulevard			Eastbound Avd De La Carlota			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
TOTAL VOLUMES:	1	0	0	0	0	0	0	0	0	1	0	0	2

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln
Weather: Clear

File Name : 427_ASV_Moul_Glen AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound				Indian Creek Lane Westbound				Moulton Parkway Northbound				Glenwood Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	95	26	121	8	4	9	21	31	152	0	183	29	1	19	49	374
07:15 AM	0	164	38	202	6	3	4	13	25	205	2	232	69	1	48	118	565
07:30 AM	1	131	46	178	5	2	6	13	40	266	2	308	66	0	76	142	641
07:45 AM	0	182	60	242	7	2	5	14	53	352	3	408	108	0	58	166	830
Total	1	572	170	743	26	11	24	61	149	975	7	1131	272	2	201	475	2410
08:00 AM	2	187	59	248	10	1	7	18	32	319	0	351	68	2	42	112	729
08:15 AM	2	163	71	236	12	2	4	18	78	315	2	395	83	0	46	129	778
08:30 AM	1	161	65	227	7	2	8	17	42	293	4	339	81	1	54	136	719
08:45 AM	3	138	49	190	11	1	7	19	44	286	1	331	79	0	46	125	665
Total	8	649	244	901	40	6	26	72	196	1213	7	1416	311	3	188	502	2891
Grand Total	9	1221	414	1644	66	17	50	133	345	2188	14	2547	583	5	389	977	5301
Apprch %	0.5	74.3	25.2		49.6	12.8	37.6		13.5	85.9	0.5		59.7	0.5	39.8		
Total %	0.2	23	7.8	31	1.2	0.3	0.9	2.5	6.5	41.3	0.3	48	11	0.1	7.3	18.4	

	Moulton Parkway Southbound				Indian Creek Lane Westbound				Moulton Parkway Northbound				Glenwood Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	182	60	242	7	**2**	5	14	53	**352**	3	**408**	**108**	0	**58**	**166**	**830**
08:00 AM	**2**	**187**	59	**248**	10	1	7	**18**	32	319	0	351	68	**2**	42	112	729
08:15 AM	2	163	**71**	236	**12**	2	4	18	**78**	315	2	395	83	0	46	129	778
08:30 AM	1	161	65	227	7	2	**8**	17	42	293	**4**	339	81	1	54	136	719
Total Volume	5	693	255	953	36	7	24	67	205	1279	9	1493	340	3	200	543	3056
% App. Total	0.5	72.7	26.8		53.7	10.4	35.8		13.7	85.7	0.6		62.6	0.6	36.8		
PHF	.625	.926	.898	.961	.750	.875	.750	.931	.657	.908	.563	.915	.787	.375	.862	.818	.920

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln
Weather: Clear

File Name : 427_ASV_Moul_Glen AM
Site Code : 05124139
Start Date : 2/13/2024
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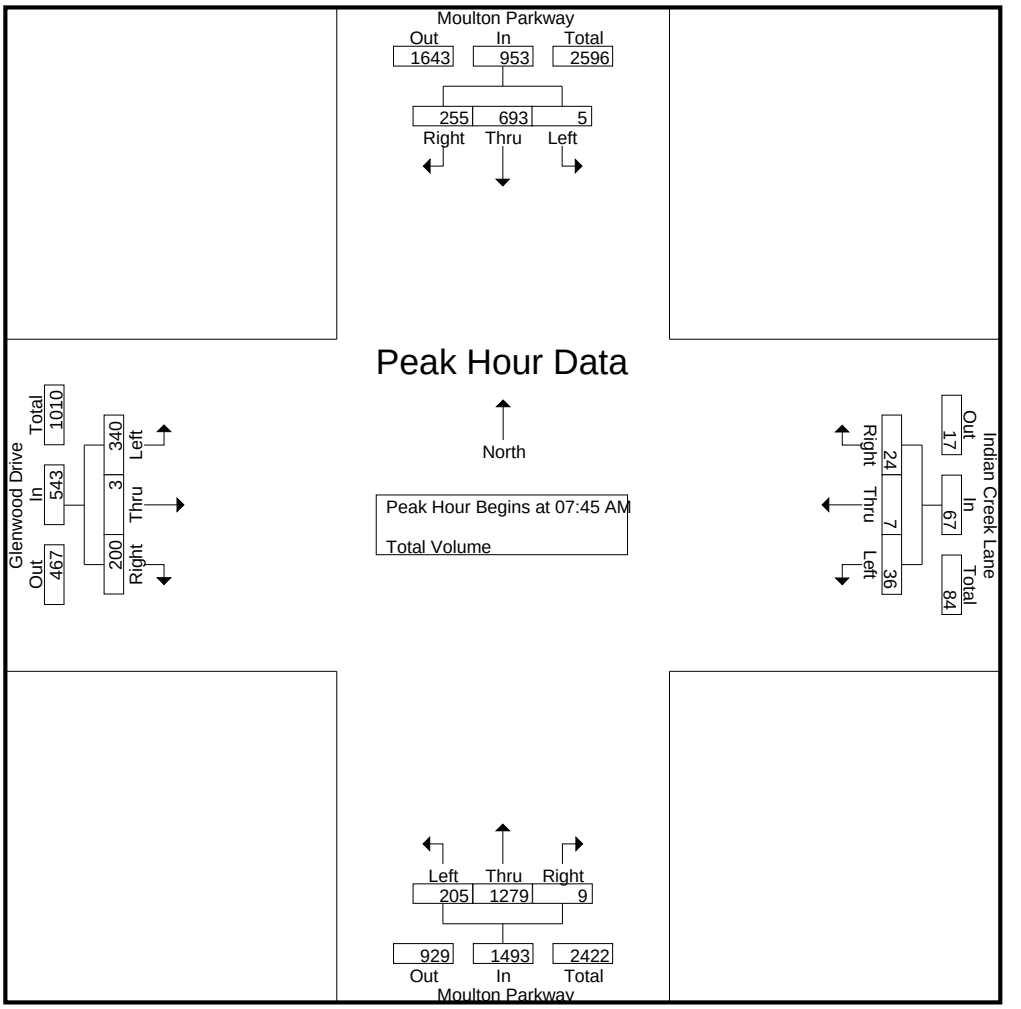

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:30 AM			
+0 mins.	0	182	60	242	10	1	7	18	53	**352**	3	**408**	66	0	**76**	142
+15 mins.	**2**	**187**	59	**248**	**12**	**2**	4	18	32	319	0	351	**108**	0	58	**166**
+30 mins.	2	163	**71**	236	7	2	**8**	17	**78**	315	2	395	68	**2**	42	112
+45 mins.	1	161	65	227	11	1	7	**19**	42	293	**4**	339	83	0	46	129
Total Volume	5	693	255	953	40	6	26	72	205	1279	9	1493	325	2	222	549
% App. Total	0.5	72.7	26.8		55.6	8.3	36.1		13.7	85.7	0.6		59.2	0.4	40.4	
PHF	.625	.926	.898	.961	.833	.750	.813	.947	.657	.908	.563	.915	.752	.250	.730	.827

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln
Weather: Clear

File Name : 427_ASV_Moul_Glen PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound				Indian Creek Lane Westbound				Moulton Parkway Northbound				Glenwood Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	307	76	389	3	1	3	7	71	233	5	309	44	1	58	103	808
04:15 PM	7	332	72	411	5	1	3	9	58	202	5	265	64	1	52	117	802
04:30 PM	11	357	65	433	5	0	3	8	61	201	5	267	59	1	58	118	826
04:45 PM	21	339	78	438	6	1	1	8	78	180	5	263	67	6	49	122	831
Total	45	1335	291	1671	19	3	10	32	268	816	20	1104	234	9	217	460	3267
05:00 PM	13	396	102	511	5	3	7	15	59	188	8	255	47	0	61	108	889
05:15 PM	5	382	89	476	4	3	4	11	80	195	5	280	85	1	69	155	922
05:30 PM	8	359	110	477	5	0	5	10	64	187	5	256	61	5	61	127	870
05:45 PM	6	308	94	408	6	0	1	7	73	190	3	266	54	1	52	107	788
Total	32	1445	395	1872	20	6	17	43	276	760	21	1057	247	7	243	497	3469
Grand Total	77	2780	686	3543	39	9	27	75	544	1576	41	2161	481	16	460	957	6736
Apprch %	2.2	78.5	19.4		52	12	36		25.2	72.9	1.9		50.3	1.7	48.1		
Total %	1.1	41.3	10.2	52.6	0.6	0.1	0.4	1.1	8.1	23.4	0.6	32.1	7.1	0.2	6.8	14.2	

	Moulton Parkway Southbound				Indian Creek Lane Westbound				Moulton Parkway Northbound				Glenwood Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**21**	339	78	438	**6**	1	1	8	78	180	5	263	67	**6**	49	122	831
05:00 PM	13	**396**	102	**511**	5	**3**	**7**	**15**	59	188	**8**	255	47	0	61	108	889
05:15 PM	5	382	89	476	4	3	4	11	**80**	**195**	5	**280**	**85**	1	**69**	**155**	**922**
05:30 PM	8	359	**110**	477	5	0	5	10	64	187	5	256	61	5	61	127	870
Total Volume	47	1476	379	1902	20	7	17	44	281	750	23	1054	260	12	240	512	3512
% App. Total	2.5	77.6	19.9		45.5	15.9	38.6		26.7	71.2	2.2		50.8	2.3	46.9		
PHF	.560	.932	.861	.931	.833	.583	.607	.733	.878	.962	.719	.941	.765	.500	.870	.826	.952

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln
Weather: Clear

File Name : 427_ASV_Moul_Glen PM
Site Code : 05124139
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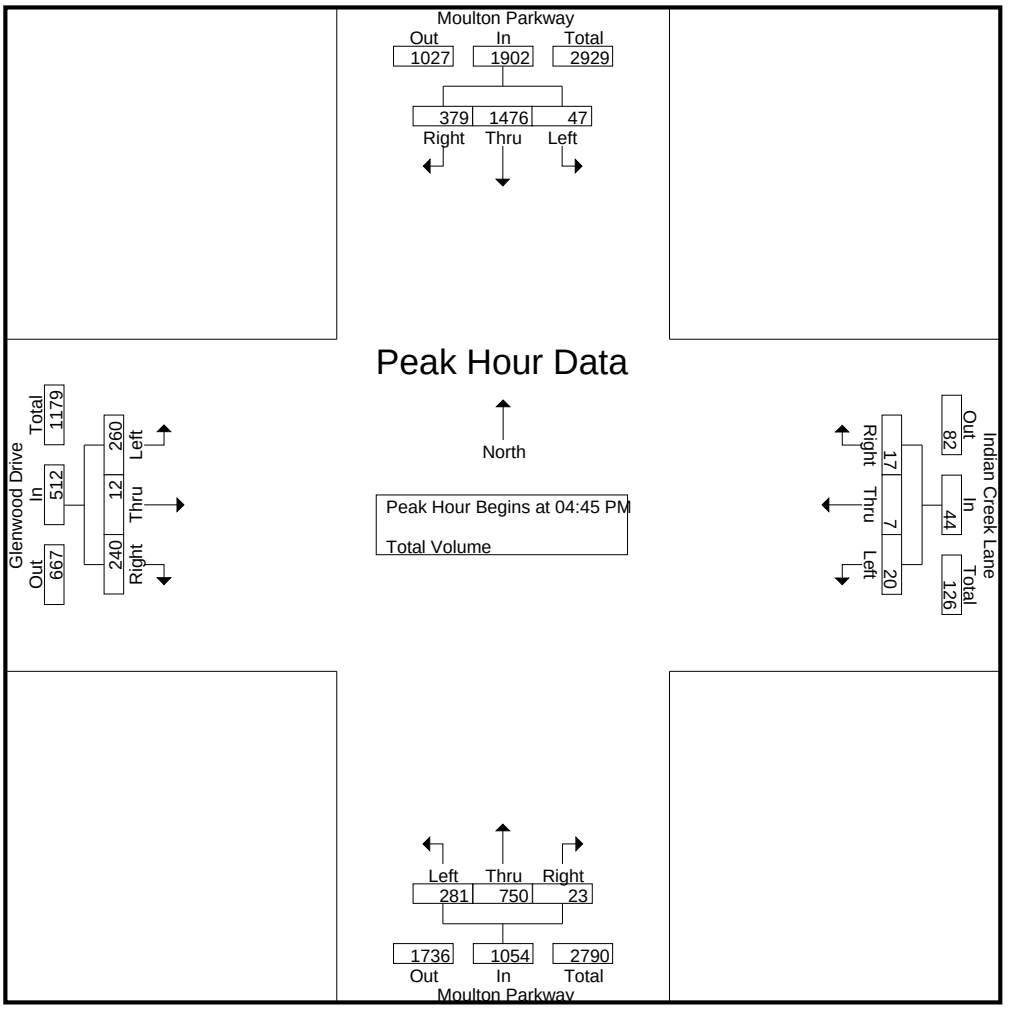

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:00 PM				04:45 PM			
+0 mins.	**21**	339	78	438	**6**	1	1	8	71	**233**	**5**	**309**	67	**6**	49	122
+15 mins.	13	**396**	102	**511**	5	**3**	**7**	**15**	58	202	5	265	47	0	61	108
+30 mins.	5	382	89	476	4	3	4	11	61	201	5	267	**85**	1	**69**	**155**
+45 mins.	8	359	**110**	477	5	0	5	10	**78**	180	5	263	61	5	61	127
Total Volume	47	1476	379	1902	20	7	17	44	268	816	20	1104	260	12	240	512
% App. Total	2.5	77.6	19.9		45.5	15.9	38.6		24.3	73.9	1.8		50.8	2.3	46.9	
PHF	.560	.932	.861	.931	.833	.583	.607	.733	.859	.876	1.000	.893	.765	.500	.870	.826

Location: Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln

ITAM: 427
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Moulton Parkway	East Leg Indian Creek Lane	South Leg Moulton Parkway	West Leg Glenwood Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	3	3
8:00 AM	0	0	1	0	1
8:15 AM	0	0	2	1	3
8:30 AM	0	0	0	0	0
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	0	0	5	4	9

	North Leg Moulton Parkway	East Leg Indian Creek Lane	South Leg Moulton Parkway	West Leg Glenwood Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	13	14	28
4:15 PM	0	0	5	5	10
4:30 PM	0	0	10	12	22
4:45 PM	0	0	0	2	2
5:00 PM	0	0	0	5	5
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	1	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	1	28	39	68

Location: Aliso Viejo
N/S: Moulton Parkway
E/W: Glenwood Dr/Indian Creek Ln

ITAM: 427
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Moulton Parkway			Westbound Indian Creek Lane			Northbound Moulton Parkway			Eastbound Glenwood Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	3	0	0	0	0	3
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	4	0	0	0	0	0	6	0	0	0	0	10

	Southbound Moulton Parkway			Westbound Indian Creek Lane			Northbound Moulton Parkway			Eastbound Glenwood Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	3	0	0	0	0	3

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City of Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Drive/Stockport Street
Weather: Clear

File Name : 428_LHS_PdVal_LagHi AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Paseo De Valencia Southbound				Stockport Street Westbound				Paseo De Valencia Northbound				Laguna Hills Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	70	71	149	16	5	13	34	34	67	11	112	70	3	40	113	408
07:15 AM	9	159	76	244	32	7	11	50	45	138	20	203	100	3	71	174	671
07:30 AM	3	120	120	243	42	11	26	79	63	142	7	212	147	5	68	220	754
07:45 AM	5	162	128	295	42	6	30	78	64	218	17	299	173	1	67	241	913
Total	25	511	395	931	132	29	80	241	206	565	55	826	490	12	246	748	2746
08:00 AM	10	169	77	256	28	5	18	51	71	185	25	281	184	2	91	277	865
08:15 AM	22	181	136	339	29	14	5	48	107	252	38	397	122	5	102	229	1013
08:30 AM	10	130	110	250	18	6	7	31	70	164	18	252	125	5	47	177	710
08:45 AM	5	103	95	203	12	7	15	34	73	154	6	233	137	2	50	189	659
Total	47	583	418	1048	87	32	45	164	321	755	87	1163	568	14	290	872	3247
Grand Total	72	1094	813	1979	219	61	125	405	527	1320	142	1989	1058	26	536	1620	5993
Apprch %	3.6	55.3	41.1		54.1	15.1	30.9		26.5	66.4	7.1		65.3	1.6	33.1		
Total %	1.2	18.3	13.6	33	3.7	1	2.1	6.8	8.8	22	2.4	33.2	17.7	0.4	8.9	27	

	Paseo De Valencia Southbound				Stockport Street Westbound				Paseo De Valencia Northbound				Laguna Hills Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	3	120	120	243	**42**	11	26	**79**	63	142	7	212	147	**5**	68	220	754
07:45 AM	5	162	128	295	42	6	**30**	78	64	218	17	299	173	1	67	241	913
08:00 AM	10	169	77	256	28	5	18	51	71	185	25	281	**184**	2	91	**277**	865
08:15 AM	**22**	**181**	**136**	**339**	29	**14**	5	48	**107**	**252**	**38**	**397**	122	5	**102**	229	**1013**
Total Volume	40	632	461	1133	141	36	79	256	305	797	87	1189	626	13	328	967	3545
% App. Total	3.5	55.8	40.7		55.1	14.1	30.9		25.7	67	7.3		64.7	1.3	33.9		
PHF	.455	.873	.847	.836	.839	.643	.658	.810	.713	.791	.572	.749	.851	.650	.804	.873	.875

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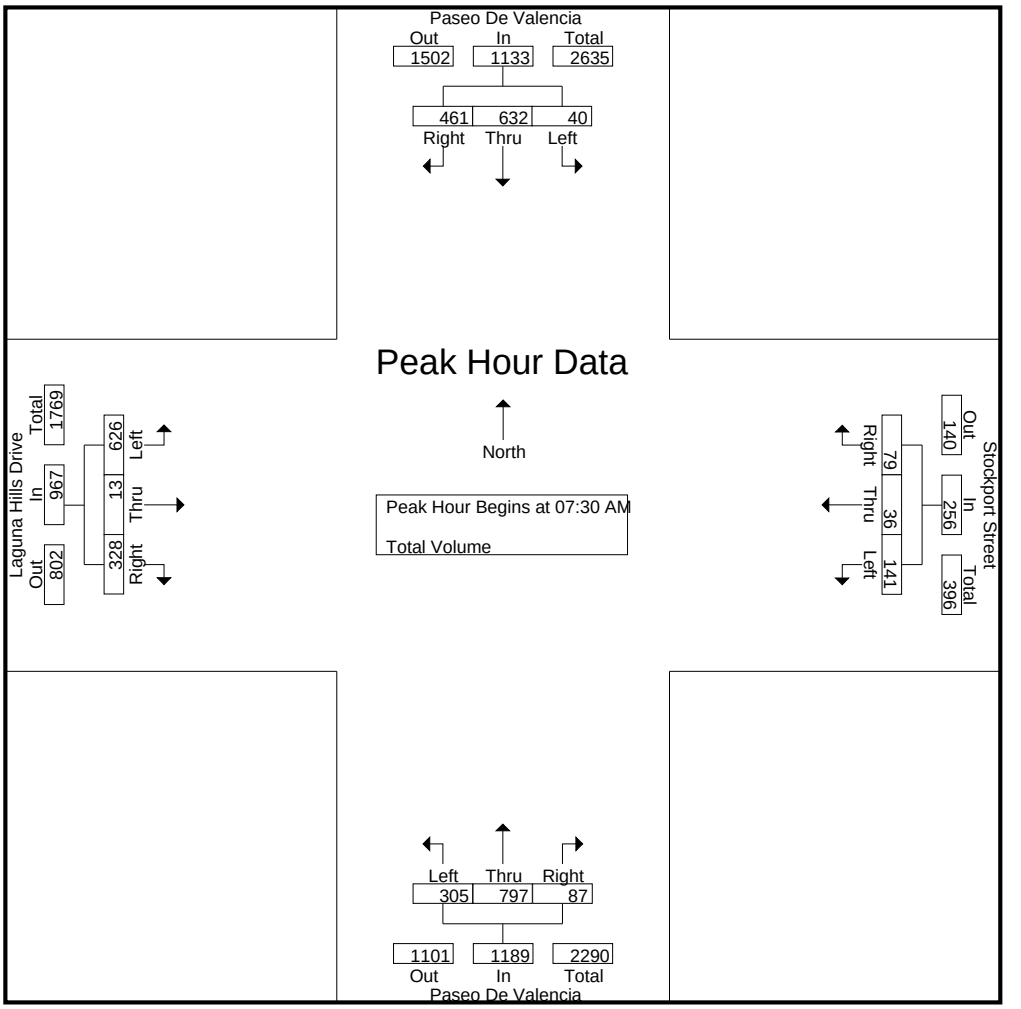
City of Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Drive/Stockport Street
Weather: Clear

File Name : 428_LHS_PdVal_LagHi AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:15 AM				07:45 AM				07:30 AM			
+0 mins.	5	162	128	295	32	7	11	50	64	218	17	299	147	**5**	68	220
+15 mins.	10	169	77	256	**42**	**11**	26	**79**	71	185	25	281	173	1	67	241
+30 mins.	**22**	**181**	**136**	**339**	42	6	**30**	78	**107**	**252**	**38**	**397**	**184**	2	91	**277**
+45 mins.	10	130	110	250	28	5	18	51	70	164	18	252	122	5	**102**	229
Total Volume	47	642	451	1140	144	29	85	258	312	819	98	1229	626	13	328	967
% App. Total	4.1	56.3	39.6		55.8	11.2	32.9		25.4	66.6	8		64.7	1.3	33.9	
PHF	.534	.887	.829	.841	.857	.659	.708	.816	.729	.813	.645	.774	.851	.650	.804	.873

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City of Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Drive/Stockport Street
Weather: Clear

File Name : 428_LHS_PdVal_LagHi PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Paseo De Valencia Southbound				Stockport Street Westbound				Paseo De Valencia Northbound				Laguna Hills Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	15	228	127	370	18	2	6	26	63	169	22	254	149	12	87	248	898
04:15 PM	13	245	116	374	15	5	11	31	73	165	24	262	133	4	65	202	869
04:30 PM	14	237	139	390	10	4	8	22	54	149	23	226	129	10	64	203	841
04:45 PM	12	219	130	361	14	5	11	30	59	172	16	247	146	11	66	223	861
Total	54	929	512	1495	57	16	36	109	249	655	85	989	557	37	282	876	3469
05:00 PM	13	279	144	436	17	3	17	37	72	134	19	225	147	5	83	235	933
05:15 PM	12	205	169	386	18	4	11	33	81	173	20	274	184	6	97	287	980
05:30 PM	26	219	140	385	18	2	15	35	80	163	23	266	137	5	62	204	890
05:45 PM	12	181	128	321	18	2	11	31	63	140	21	224	123	5	80	208	784
Total	63	884	581	1528	71	11	54	136	296	610	83	989	591	21	322	934	3587
Grand Total	117	1813	1093	3023	128	27	90	245	545	1265	168	1978	1148	58	604	1810	7056
Apprch %	3.9	60	36.2		52.2	11	36.7		27.6	64	8.5		63.4	3.2	33.4		
Total %	1.7	25.7	15.5	42.8	1.8	0.4	1.3	3.5	7.7	17.9	2.4	28	16.3	0.8	8.6	25.7	

	Paseo De Valencia Southbound				Stockport Street Westbound				Paseo De Valencia Northbound				Laguna Hills Drive Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	12	219	130	361	14	**5**	11	30	59	172	16	247	146	**11**	66	223	861
05:00 PM	13	**279**	144	**436**	17	3	**17**	**37**	72	134	19	225	147	5	83	235	933
05:15 PM	12	205	**169**	386	**18**	4	11	33	**81**	**173**	20	**274**	**184**	6	**97**	**287**	**980**
05:30 PM	**26**	219	140	385	18	2	15	35	80	163	**23**	266	137	5	62	204	890
Total Volume	63	922	583	1568	67	14	54	135	292	642	78	1012	614	27	308	949	3664
% App. Total	4	58.8	37.2		49.6	10.4	40		28.9	63.4	7.7		64.7	2.8	32.5		
PHF	.606	.826	.862	.899	.931	.700	.794	.912	.901	.928	.848	.923	.834	.614	.794	.827	.935

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City of Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Drive/Stockport Street
Weather: Clear

File Name : 428_LHS_PdVal_LagHi PM
Site Code : 05124139
Start Date : 2/13/2024
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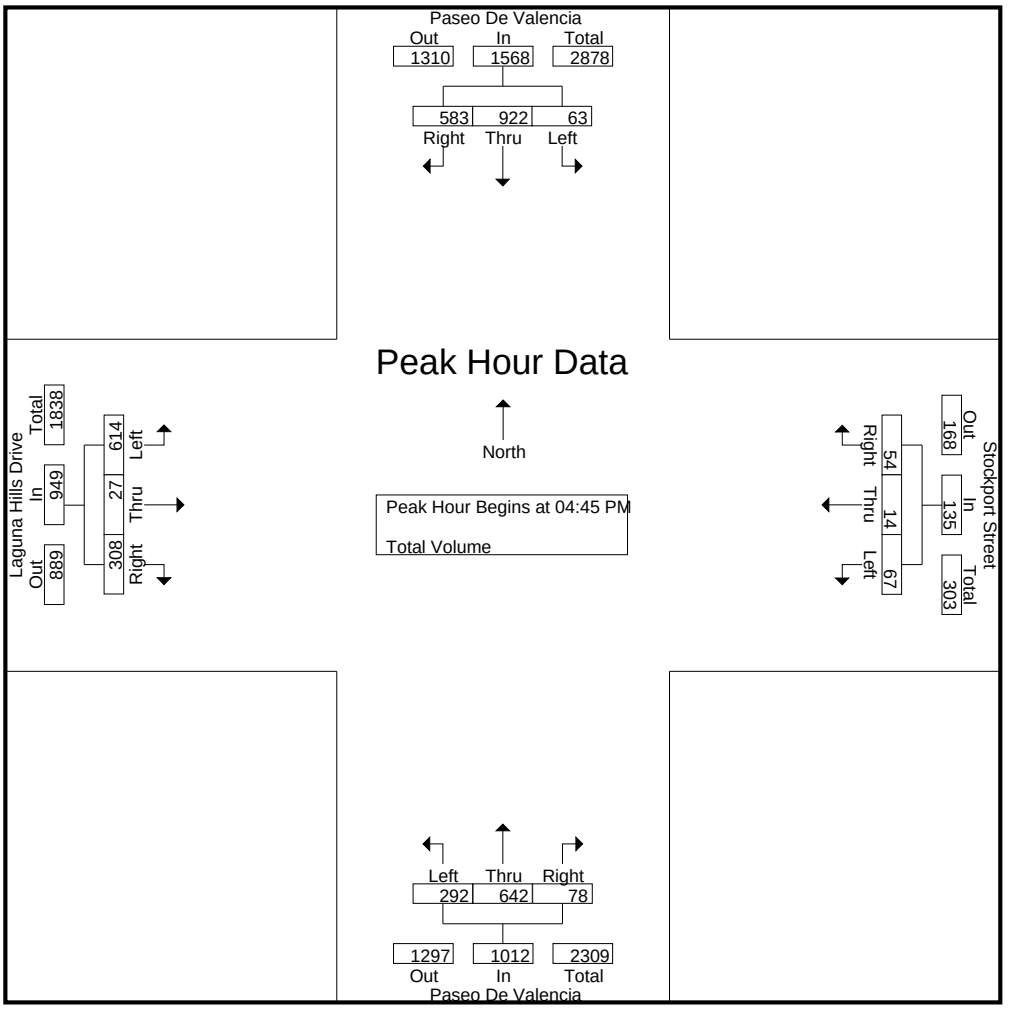

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:45 PM				04:45 PM			
+0 mins.	**14**	237	139	390	17	3	**17**	**37**	59	172	16	247	146	**11**	66	223
+15 mins.	12	219	130	361	**18**	**4**	11	33	72	134	19	225	147	5	83	235
+30 mins.	13	**279**	144	**436**	18	2	15	35	**81**	**173**	20	**274**	**184**	6	**97**	**287**
+45 mins.	12	205	**169**	386	18	2	11	31	80	163	**23**	266	137	5	62	204
Total Volume	51	940	582	1573	71	11	54	136	292	642	78	1012	614	27	308	949
% App. Total	3.2	59.8	37		52.2	8.1	39.7		28.9	63.4	7.7		64.7	2.8	32.5	
PHF	.911	.842	.861	.902	.986	.688	.794	.919	.901	.928	.848	.923	.834	.614	.794	.827

Location: Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Dr/Stockport St

ITAM: 428
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Paseo De Valencia	East Leg Stockport Street	South Leg Paseo De Valencia	West Leg Laguna Hills Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	2	1	7	0	10
7:15 AM	0	1	5	0	6
7:30 AM	0	1	10	0	11
7:45 AM	1	0	3	0	4
8:00 AM	0	1	13	0	14
8:15 AM	1	1	40	0	42
8:30 AM	0	1	5	0	6
8:45 AM	0	0	6	0	6
TOTAL VOLUMES:	4	6	89	0	99

	North Leg Paseo De Valencia	East Leg Stockport Street	South Leg Paseo De Valencia	West Leg Laguna Hills Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	4	0	5
4:15 PM	0	12	17	0	29
4:30 PM	0	4	4	0	8
4:45 PM	1	0	4	1	6
5:00 PM	2	3	11	0	16
5:15 PM	0	0	4	0	4
5:30 PM	1	0	0	3	4
5:45 PM	0	0	6	0	6
TOTAL VOLUMES:	4	20	50	4	78

Location: Laguna Hills
N/S: Paseo De Valencia
E/W: Laguna Hills Dr/Stockport St

ITAM: 428
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Paseo De Valencia			Westbound Stockport Street			Northbound Paseo De Valencia			Eastbound Laguna Hills Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	1	1	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	1	1	0	2
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	2	2	0	0	0	2	1	0	7

	Southbound Paseo De Valencia			Westbound Stockport Street			Northbound Paseo De Valencia			Eastbound Laguna Hills Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	1	0	0	0	0	0	2	0	4
4:15 PM	0	0	0	0	0	0	0	0	0	1	2	0	3
4:30 PM	0	0	0	0	2	0	0	0	0	0	3	0	5
4:45 PM	0	1	0	0	0	0	0	0	0	0	3	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	1	3	0	4
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	3	0	0	1	0	2	15	0	23

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Aliso Viejo Pkwy/Laguna Hills Drive
Weather: Clear

File Name : 429_ASV_Moul_LaHi AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound				Laguna Hills Drive Westbound				Moulton Parkway Northbound				Aliso Viejo Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	68	28	121	4	96	23	123	23	107	16	146	42	62	41	145	535
07:15 AM	48	110	49	207	6	92	30	128	30	154	18	202	54	104	47	205	742
07:30 AM	48	127	45	220	16	94	46	156	61	193	21	275	60	97	46	203	854
07:45 AM	44	135	49	228	15	142	38	195	48	299	34	381	74	163	52	289	1093
Total	165	440	171	776	41	424	137	602	162	753	89	1004	230	426	186	842	3224
08:00 AM	68	136	47	251	7	115	43	165	80	248	30	358	76	121	47	244	1018
08:15 AM	75	111	48	234	11	153	59	223	94	255	34	383	82	112	60	254	1094
08:30 AM	33	120	44	197	14	126	47	187	105	237	19	361	81	118	85	284	1029
08:45 AM	39	139	41	219	6	119	30	155	53	220	28	301	61	84	50	195	870
Total	215	506	180	901	38	513	179	730	332	960	111	1403	300	435	242	977	4011
Grand Total	380	946	351	1677	79	937	316	1332	494	1713	200	2407	530	861	428	1819	7235
Apprch %	22.7	56.4	20.9		5.9	70.3	23.7		20.5	71.2	8.3		29.1	47.3	23.5		
Total %	5.3	13.1	4.9	23.2	1.1	13	4.4	18.4	6.8	23.7	2.8	33.3	7.3	11.9	5.9	25.1	

	Moulton Parkway Southbound				Laguna Hills Drive Westbound				Moulton Parkway Northbound				Aliso Viejo Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	44	135	**49**	228	**15**	142	38	195	48	**299**	**34**	381	74	**163**	52	**289**	1093
08:00 AM	68	**136**	47	**251**	7	115	43	165	80	248	30	358	76	121	47	244	1018
08:15 AM	**75**	111	48	234	11	**153**	**59**	**223**	94	255	34	**383**	**82**	112	60	254	**1094**
08:30 AM	33	120	44	197	14	126	47	187	**105**	237	19	361	81	118	**85**	284	1029
Total Volume	220	502	188	910	47	536	187	770	327	1039	117	1483	313	514	244	1071	4234
% App. Total	24.2	55.2	20.7		6.1	69.6	24.3		22	70.1	7.9		29.2	48	22.8		
PHF	.733	.923	.959	.906	.783	.876	.792	.863	.779	.869	.860	.968	.954	.788	.718	.926	.968

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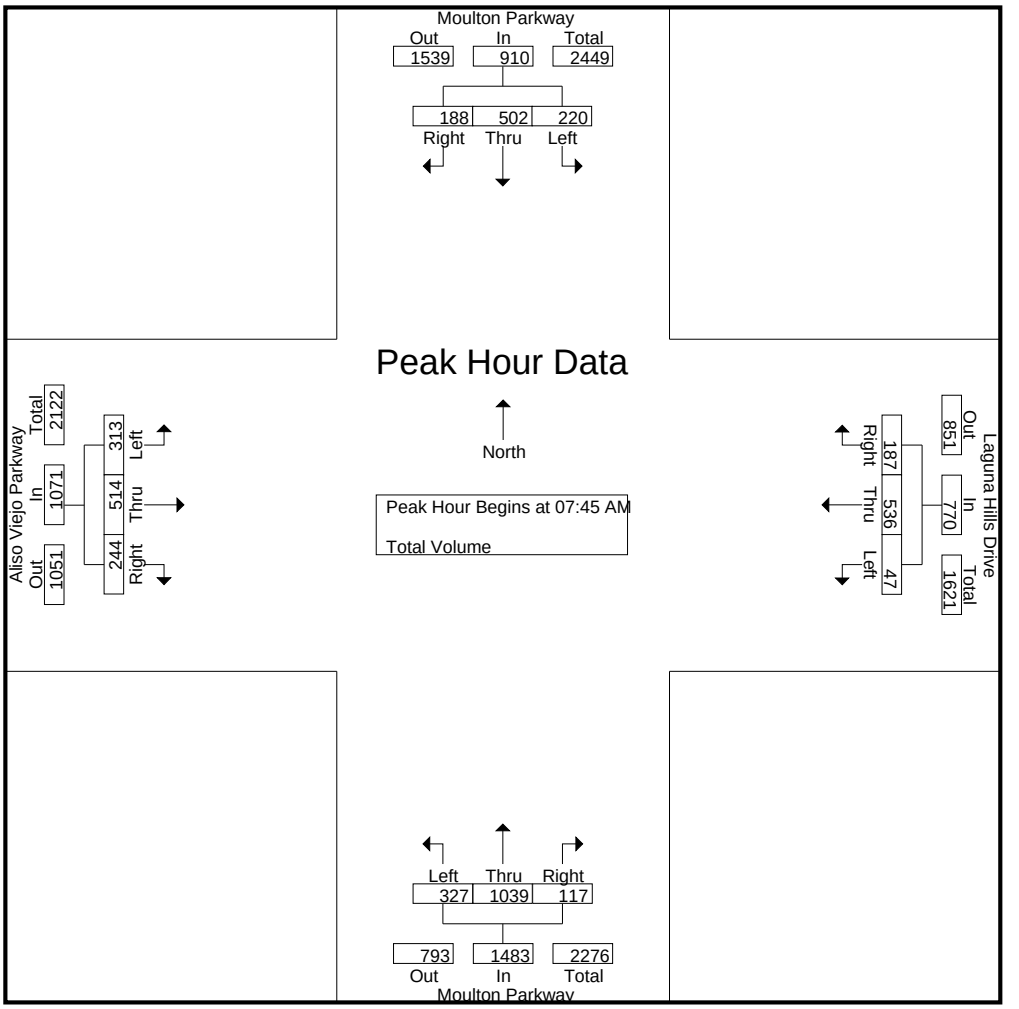
City of Aliso Viejo
N/S: Moulton Parkway
E/W: Aliso Viejo Pkwy/Laguna Hills Drive
Weather: Clear

File Name : 429_ASV_Moul_LaHi AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	48	127	45	220	**15**	142	38	195	48	**299**	**34**	381	74	**163**	52	**289**
+15 mins.	44	135	**49**	228	7	115	43	165	80	248	30	358	76	121	47	244
+30 mins.	68	**136**	47	**251**	11	**153**	**59**	**223**	94	255	34	**383**	**82**	112	60	254
+45 mins.	**75**	111	48	234	14	126	47	187	**105**	237	19	361	81	118	**85**	284
Total Volume	235	509	189	933	47	536	187	770	327	1039	117	1483	313	514	244	1071
% App. Total	25.2	54.6	20.3		6.1	69.6	24.3		22	70.1	7.9		29.2	48	22.8	
PHF	.783	.936	.964	.929	.783	.876	.792	.863	.779	.869	.860	.968	.954	.788	.718	.926

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City of Aliso Viejo
N/S: Moulton Parkway
E/W: Aliso Viejo Pkwy/Laguna Hills Drive
Weather: Clear

File Name : 429_ASV_Moul_LaHi PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Moulton Parkway Southbound				Laguna Hills Drive Westbound				Moulton Parkway Northbound				Aliso Viejo Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	43	255	82	380	20	100	56	176	56	206	36	298	45	128	50	223	1077
04:15 PM	65	233	74	372	17	117	48	182	39	170	25	234	56	156	49	261	1049
04:30 PM	39	265	77	381	22	107	41	170	57	202	15	274	46	143	93	282	1107
04:45 PM	59	282	84	425	22	123	40	185	52	165	27	244	49	141	59	249	1103
Total	206	1035	317	1558	81	447	185	713	204	743	103	1050	196	568	251	1015	4336
05:00 PM	50	315	67	432	29	142	36	207	59	190	29	278	48	172	61	281	1198
05:15 PM	59	352	96	507	30	142	49	221	55	154	23	232	57	174	54	285	1245
05:30 PM	43	260	68	371	22	166	36	224	55	174	21	250	39	160	65	264	1109
05:45 PM	37	262	75	374	18	122	41	181	79	172	22	273	43	97	63	203	1031
Total	189	1189	306	1684	99	572	162	833	248	690	95	1033	187	603	243	1033	4583
Grand Total	395	2224	623	3242	180	1019	347	1546	452	1433	198	2083	383	1171	494	2048	8919
Apprch %	12.2	68.6	19.2		11.6	65.9	22.4		21.7	68.8	9.5		18.7	57.2	24.1		
Total %	4.4	24.9	7	36.3	2	11.4	3.9	17.3	5.1	16.1	2.2	23.4	4.3	13.1	5.5	23	

	Moulton Parkway Southbound				Laguna Hills Drive Westbound				Moulton Parkway Northbound				Aliso Viejo Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**59**	282	84	425	22	123	40	185	52	165	27	244	49	141	59	249	1103
05:00 PM	50	315	67	432	29	142	36	207	**59**	**190**	**29**	**278**	48	172	61	281	1198
05:15 PM	59	**352**	**96**	**507**	**30**	142	**49**	221	55	154	23	232	**57**	**174**	54	**285**	**1245**
05:30 PM	43	260	68	371	22	**166**	36	**224**	55	174	21	250	39	160	**65**	264	1109
Total Volume	211	1209	315	1735	103	573	161	837	221	683	100	1004	193	647	239	1079	4655
% App. Total	12.2	69.7	18.2		12.3	68.5	19.2		22	68	10		17.9	60	22.2		
PHF	.894	.859	.820	.856	.858	.863	.821	.934	.936	.899	.862	.903	.846	.930	.919	.946	.935

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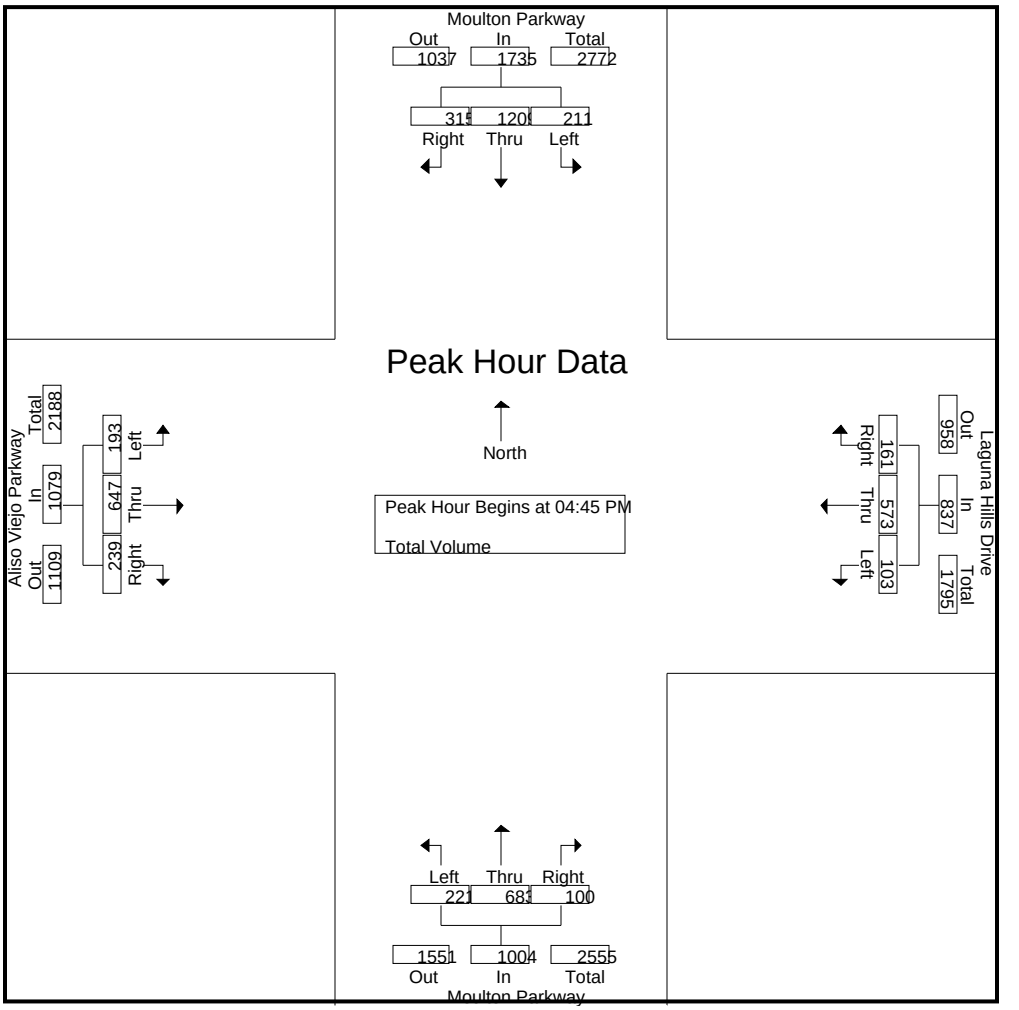
City of Aliso Viejo
N/S: Moulton Parkway
E/W: Aliso Viejo Pkwy/Laguna Hills Drive
Weather: Clear

File Name : 429_ASV_Moul_LaHi PM
Site Code : 05124139
Start Date : 2/13/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				04:00 PM				04:30 PM			
+0 mins.	39	265	77	381	22	123	40	185	56	**206**	**36**	**298**	46	143	**93**	282
+15 mins.	**59**	282	84	425	29	142	36	207	39	170	25	234	49	141	59	249
+30 mins.	50	315	67	432	**30**	142	**49**	221	**57**	202	15	274	48	172	61	281
+45 mins.	59	**352**	**96**	**507**	22	**166**	36	**224**	52	165	27	244	**57**	**174**	54	**285**
Total Volume	207	1214	324	1745	103	573	161	837	204	743	103	1050	200	630	267	1097
% App. Total	11.9	69.6	18.6		12.3	68.5	19.2		19.4	70.8	9.8		18.2	57.4	24.3	
PHF	.877	.862	.844	.860	.858	.863	.821	.934	.895	.902	.715	.881	.877	.905	.718	.962

Location: Aliso Viejo
N/S: Moulton Parkway
E/W: Laguna Hills Drive

ITAM: 429
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Moulton Parkway	East Leg Laguna Hills Drive	South Leg Moulton Parkway	West Leg Laguna Hills Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	1	1	2	4
8:00 AM	0	1	1	0	2
8:15 AM	0	1	0	0	1
8:30 AM	0	3	2	0	5
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	7	4	2	13

	North Leg Moulton Parkway	East Leg Laguna Hills Drive	South Leg Moulton Parkway	West Leg Laguna Hills Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	3	1	1	5
4:15 PM	0	1	1	2	4
4:30 PM	0	0	1	2	3
4:45 PM	0	0	2	2	4
5:00 PM	0	2	4	4	10
5:15 PM	0	0	0	2	2
5:30 PM	0	2	1	2	5
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	8	10	15	33

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Location: Aliso Viejo
N/S: Moulton Parkway
E/W: Laguna Hills Drive

ITAM: 429
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Moulton Parkway			Westbound Laguna Hills Drive			Northbound Moulton Parkway			Eastbound Laguna Hills Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	1	0	1	1	0	0	0	0	0	0	4
7:45 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	1	0	5	2	0	3	0	0	1	0	13

	Southbound Moulton Parkway			Westbound Laguna Hills Drive			Northbound Moulton Parkway			Eastbound Laguna Hills Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	0	0	0	0	0	0	0	0	3

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City of Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road
Weather: Clear

File Name : 430_MSV_Alicia_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Trabuco Road Westbound				Alicia Parkway Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	333	38	380	26	21	5	52	16	153	4	173	22	45	20	87	692
07:15 AM	11	330	44	385	25	41	8	74	34	195	10	239	41	66	22	129	827
07:30 AM	10	324	78	412	66	87	24	177	33	183	13	229	58	104	37	199	1017
07:45 AM	10	397	77	484	58	109	20	187	41	214	13	268	50	95	49	194	1133
Total	40	1384	237	1661	175	258	57	490	124	745	40	909	171	310	128	609	3669
08:00 AM	12	376	92	480	37	98	7	142	53	185	12	250	48	98	52	198	1070
08:15 AM	18	438	98	554	29	75	11	115	41	201	12	254	54	86	46	186	1109
08:30 AM	12	299	69	380	37	57	5	99	44	190	12	246	48	74	52	174	899
08:45 AM	14	381	59	454	31	63	8	102	26	187	15	228	36	68	28	132	916
Total	56	1494	318	1868	134	293	31	458	164	763	51	978	186	326	178	690	3994
Grand Total	96	2878	555	3529	309	551	88	948	288	1508	91	1887	357	636	306	1299	7663
Apprch %	2.7	81.6	15.7		32.6	58.1	9.3		15.3	79.9	4.8		27.5	49	23.6		
Total %	1.3	37.6	7.2	46.1	4	7.2	1.1	12.4	3.8	19.7	1.2	24.6	4.7	8.3	4	17	

	Alicia Parkway Southbound				Trabuco Road Westbound				Alicia Parkway Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	10	324	78	412	**66**	87	**24**	177	33	183	**13**	229	**58**	**104**	37	**199**	1017
07:45 AM	10	397	77	484	58	**109**	20	**187**	41	**214**	13	**268**	50	95	49	194	**1133**
08:00 AM	12	376	92	480	37	98	7	142	**53**	185	12	250	48	98	**52**	198	1070
08:15 AM	**18**	**438**	**98**	**554**	29	75	11	115	41	201	12	254	54	86	46	186	1109
Total Volume	50	1535	345	1930	190	369	62	621	168	783	50	1001	210	383	184	777	4329
% App. Total	2.6	79.5	17.9		30.6	59.4	10		16.8	78.2	5		27	49.3	23.7		
PHF	.694	.876	.880	.871	.720	.846	.646	.830	.792	.915	.962	.934	.905	.921	.885	.976	.955

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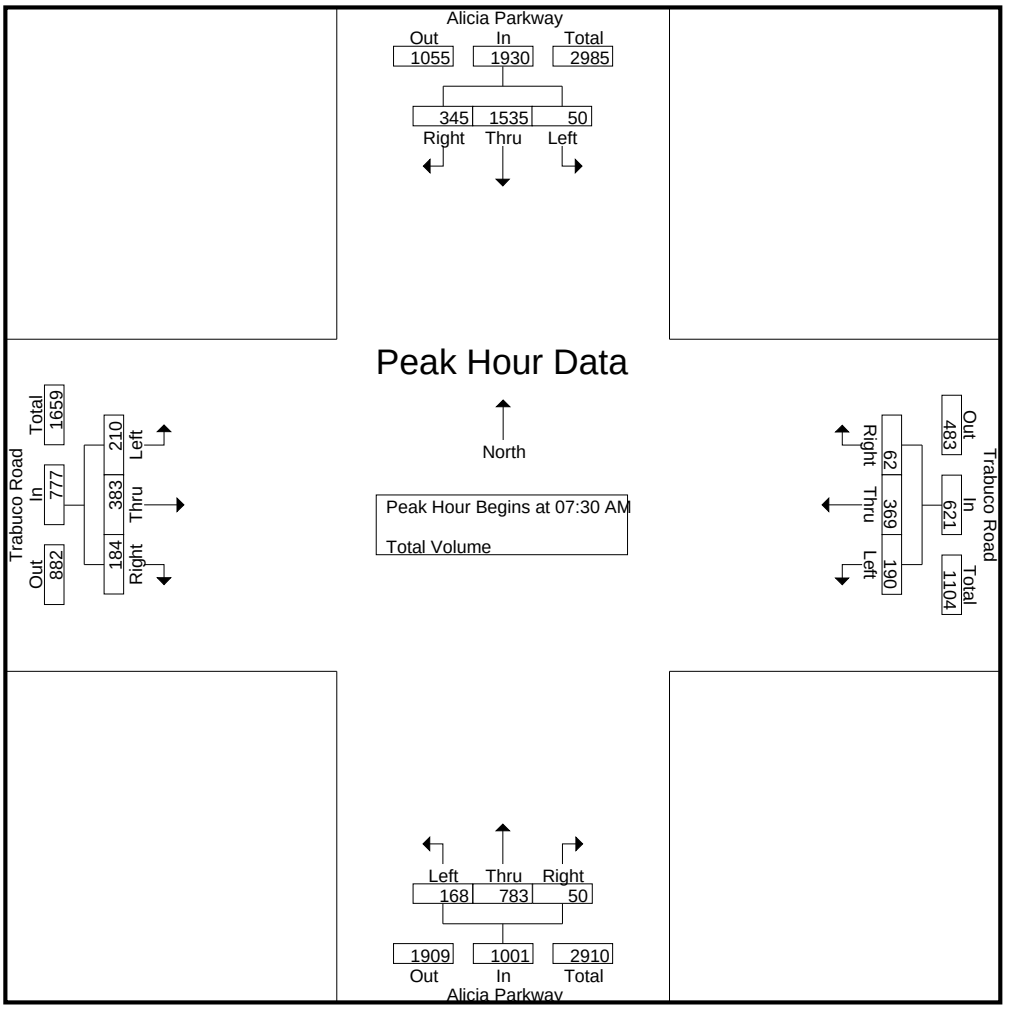
City of Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road
Weather: Clear

File Name : 430_MSV_Alicia_Tra AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	10	324	78	412	**66**	87	**24**	177	41	**214**	**13**	**268**	**58**	**104**	37	**199**
+15 mins.	10	397	77	484	58	**109**	20	**187**	**53**	185	12	250	50	95	49	194
+30 mins.	12	376	92	480	37	98	7	142	41	201	12	254	48	98	**52**	198
+45 mins.	**18**	**438**	**98**	**554**	29	75	11	115	44	190	12	246	54	86	46	186
Total Volume	50	1535	345	1930	190	369	62	621	179	790	49	1018	210	383	184	777
% App. Total	2.6	79.5	17.9		30.6	59.4	10		17.6	77.6	4.8		27	49.3	23.7	
PHF	.694	.876	.880	.871	.720	.846	.646	.830	.844	.923	.942	.950	.905	.921	.885	.976

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City of Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road
Weather: Clear

File Name : 430_MSV_Alicia_Tra PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Trabuco Road Westbound				Alicia Parkway Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	9	224	51	284	29	85	8	122	42	267	29	338	99	91	29	219	963
04:15 PM	13	233	39	285	32	86	10	128	46	256	22	324	106	96	27	229	966
04:30 PM	17	230	60	307	32	81	5	118	30	233	24	287	109	81	34	224	936
04:45 PM	16	190	43	249	24	81	7	112	38	306	20	364	94	96	20	210	935
Total	55	877	193	1125	117	333	30	480	156	1062	95	1313	408	364	110	882	3800
05:00 PM	6	224	39	269	23	84	11	118	45	265	14	324	120	101	32	253	964
05:15 PM	8	262	50	320	23	73	10	106	58	314	22	394	111	120	29	260	1080
05:30 PM	16	227	34	277	25	88	6	119	33	275	32	340	115	98	19	232	968
05:45 PM	11	235	40	286	37	99	6	142	40	350	28	418	122	97	35	254	1100
Total	41	948	163	1152	108	344	33	485	176	1204	96	1476	468	416	115	999	4112
Grand Total	96	1825	356	2277	225	677	63	965	332	2266	191	2789	876	780	225	1881	7912
Apprch %	4.2	80.1	15.6		23.3	70.2	6.5		11.9	81.2	6.8		46.6	41.5	12		
Total %	1.2	23.1	4.5	28.8	2.8	8.6	0.8	12.2	4.2	28.6	2.4	35.3	11.1	9.9	2.8	23.8	

	Alicia Parkway Southbound				Trabuco Road Westbound				Alicia Parkway Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	6	224	39	269	23	84	**11**	118	45	265	14	324	120	101	32	253	964
05:15 PM	8	**262**	**50**	**320**	23	73	10	106	**58**	314	22	394	111	**120**	29	**260**	1080
05:30 PM	**16**	227	34	277	25	88	6	119	33	275	**32**	340	115	98	19	232	968
05:45 PM	11	235	40	286	**37**	**99**	6	**142**	40	**350**	28	**418**	**122**	97	**35**	254	**1100**
Total Volume	41	948	163	1152	108	344	33	485	176	1204	96	1476	468	416	115	999	4112
% App. Total	3.6	82.3	14.1		22.3	70.9	6.8		11.9	81.6	6.5		46.8	41.6	11.5		
PHF	.641	.905	.815	.900	.730	.869	.750	.854	.759	.860	.750	.883	.959	.867	.821	.961	.935

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City of Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road
Weather: Clear

File Name : 430_MSV_Alicia_Tra PM
Site Code : 05124139
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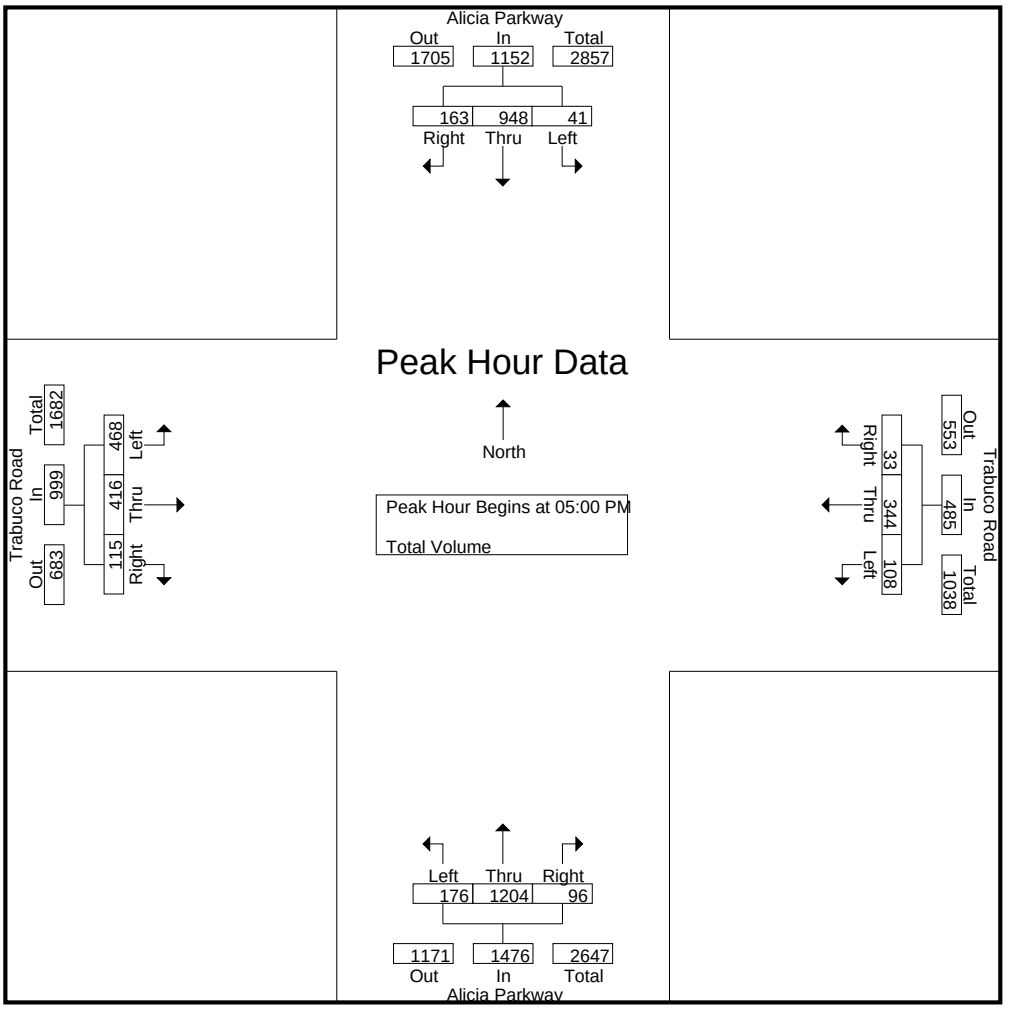

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	6	224	39	269	23	84	**11**	118	45	265	14	324	120	101	32	253
+15 mins.	8	**262**	**50**	**320**	23	73	10	106	**58**	314	22	394	111	**120**	29	**260**
+30 mins.	**16**	227	34	277	25	88	6	119	33	275	**32**	340	115	98	19	232
+45 mins.	11	235	40	286	**37**	**99**	6	**142**	40	**350**	28	**418**	**122**	97	**35**	254
Total Volume	41	948	163	1152	108	344	33	485	176	1204	96	1476	468	416	115	999
% App. Total	3.6	82.3	14.1		22.3	70.9	6.8		11.9	81.6	6.5		46.8	41.6	11.5	
PHF	.641	.905	.815	.900	.730	.869	.750	.854	.759	.860	.750	.883	.959	.867	.821	.961

Location: Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road

ITAM: 430
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alicia Parkway	East Leg Trabuco Road	South Leg Alicia Parkway	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	3	0	0	3
8:30 AM	0	0	0	0	0
8:45 AM	1	1	0	0	2
TOTAL VOLUMES:	2	4	0	0	6

	North Leg Alicia Parkway	East Leg Trabuco Road	South Leg Alicia Parkway	West Leg Trabuco Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	1	0	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	2	1	0	3
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	2	2	1	0	5

Location: Mission Viejo
N/S: Alicia Parkway
E/W: Trabuco Road

ITAM: 430
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Alicia Parkway			Westbound Trabuco Road			Northbound Alicia Parkway			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	1	0	0	0	0	0	0	1	0	0	3

	Southbound Alicia Parkway			Westbound Trabuco Road			Northbound Alicia Parkway			Eastbound Trabuco Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	0	0	1	0	1	1	0	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	1	0	0	1	0	1	1	0	6

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City of Mission Viejo
N/S: Alicia Parkway
E/W: Jeronimo Road
Weather: Clear

File Name : 431_MSV_Alicia_Jer AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Jeronimo Road Westbound				Alicia Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	25	433	6	464	70	38	5	113	33	196	14	243	5	27	12	44	864
07:15 AM	24	388	18	430	109	81	23	213	34	219	30	283	15	69	19	103	1029
07:30 AM	24	432	25	481	115	90	22	227	53	268	50	371	12	62	34	108	1187
07:45 AM	50	472	37	559	115	154	24	293	55	246	50	351	20	112	42	174	1377
Total	123	1725	86	1934	409	363	74	846	175	929	144	1248	52	270	107	429	4457
08:00 AM	44	471	40	555	143	174	8	325	83	293	64	440	19	98	43	160	1480
08:15 AM	47	493	38	578	111	173	17	301	64	247	44	355	24	84	45	153	1387
08:30 AM	14	394	24	432	116	138	12	266	95	285	41	421	20	91	49	160	1279
08:45 AM	25	436	41	502	82	109	17	208	86	226	46	358	11	62	38	111	1179
Total	130	1794	143	2067	452	594	54	1100	328	1051	195	1574	74	335	175	584	5325
Grand Total	253	3519	229	4001	861	957	128	1946	503	1980	339	2822	126	605	282	1013	9782
Apprch %	6.3	88	5.7		44.2	49.2	6.6		17.8	70.2	12		12.4	59.7	27.8		
Total %	2.6	36	2.3	40.9	8.8	9.8	1.3	19.9	5.1	20.2	3.5	28.8	1.3	6.2	2.9	10.4	

	Alicia Parkway Southbound				Jeronimo Road Westbound				Alicia Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**50**	472	37	559	115	154	**24**	293	55	246	50	351	20	**112**	42	**174**	1377
08:00 AM	44	471	**40**	555	**143**	**174**	8	**325**	83	**293**	**64**	**440**	19	98	43	160	**1480**
08:15 AM	47	**493**	38	**578**	111	173	17	301	64	247	44	355	**24**	84	45	153	1387
08:30 AM	14	394	24	432	116	138	12	266	**95**	285	41	421	20	91	**49**	160	1279
Total Volume	155	1830	139	2124	485	639	61	1185	297	1071	199	1567	83	385	179	647	5523
% App. Total	7.3	86.2	6.5		40.9	53.9	5.1		19	68.3	12.7		12.8	59.5	27.7		
PHF	.775	.928	.869	.919	.848	.918	.635	.912	.782	.914	.777	.890	.865	.859	.913	.930	.933

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File Name : 431_MSV_Alicia_Jer AM
Site Code : 05124139
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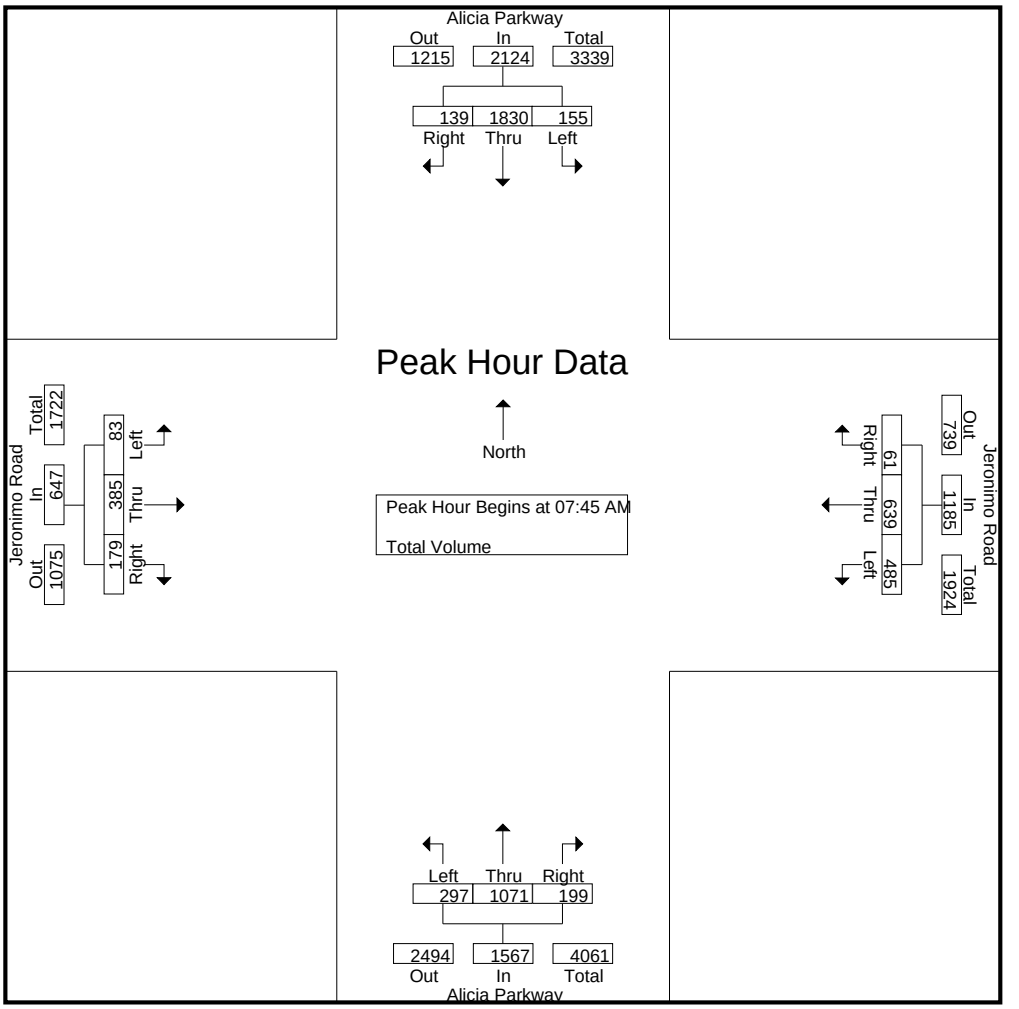

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	24	432	25	481	115	154	**24**	293	83	**293**	**64**	**440**	20	**112**	42	**174**
+15 mins.	**50**	472	37	559	**143**	**174**	8	**325**	64	247	44	355	19	98	43	160
+30 mins.	44	471	**40**	555	111	173	17	301	**95**	285	41	421	**24**	84	45	153
+45 mins.	47	**493**	38	**578**	116	138	12	266	86	226	46	358	20	91	**49**	160
Total Volume	165	1868	140	2173	485	639	61	1185	328	1051	195	1574	83	385	179	647
% App. Total	7.6	86	6.4		40.9	53.9	5.1		20.8	66.8	12.4		12.8	59.5	27.7	
PHF	.825	.947	.875	.940	.848	.918	.635	.912	.863	.897	.762	.894	.865	.859	.913	.930

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City of Mission Viejo
N/S: Alicia Parkway
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Weather: Clear

File Name : 431_MSV_Alicia_Jer PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Jeronimo Road Westbound				Alicia Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	19	303	28	350	54	76	17	147	57	333	80	470	34	149	60	243	1210
04:15 PM	27	269	23	319	77	117	29	223	51	297	84	432	38	142	66	246	1220
04:30 PM	23	275	26	324	55	71	39	165	64	353	91	508	44	143	84	271	1268
04:45 PM	25	244	22	291	59	78	18	155	39	315	98	452	38	132	64	234	1132
Total	94	1091	99	1284	245	342	103	690	211	1298	353	1862	154	566	274	994	4830
05:00 PM	24	232	38	294	54	78	26	158	66	346	100	512	38	161	89	288	1252
05:15 PM	44	342	22	408	58	73	30	161	53	346	97	496	40	141	92	273	1338
05:30 PM	21	227	19	267	55	94	25	174	44	324	86	454	36	171	76	283	1178
05:45 PM	24	291	32	347	52	74	22	148	57	406	91	554	40	146	73	259	1308
Total	113	1092	111	1316	219	319	103	641	220	1422	374	2016	154	619	330	1103	5076
Grand Total	207	2183	210	2600	464	661	206	1331	431	2720	727	3878	308	1185	604	2097	9906
Apprch %	8	84	8.1		34.9	49.7	15.5		11.1	70.1	18.7		14.7	56.5	28.8		
Total %	2.1	22	2.1	26.2	4.7	6.7	2.1	13.4	4.4	27.5	7.3	39.1	3.1	12	6.1	21.2	

	Alicia Parkway Southbound				Jeronimo Road Westbound				Alicia Parkway Northbound				Jeronimo Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	24	232	**38**	294	54	78	26	158	**66**	346	**100**	512	38	161	89	**288**	1252
05:15 PM	**44**	**342**	22	**408**	**58**	73	**30**	161	53	346	97	496	**40**	141	**92**	273	**1338**
05:30 PM	21	227	19	267	55	**94**	25	**174**	44	324	86	454	36	**171**	76	283	1178
05:45 PM	24	291	32	347	52	74	22	148	57	**406**	91	**554**	40	146	73	259	1308
Total Volume	113	1092	111	1316	219	319	103	641	220	1422	374	2016	154	619	330	1103	5076
% App. Total	8.6	83	8.4		34.2	49.8	16.1		10.9	70.5	18.6		14	56.1	29.9		
PHF	.642	.798	.730	.806	.944	.848	.858	.921	.833	.876	.935	.910	.963	.905	.897	.957	.948

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File Name : 431_MSV_Alicia_Jer PM
Site Code : 05124139
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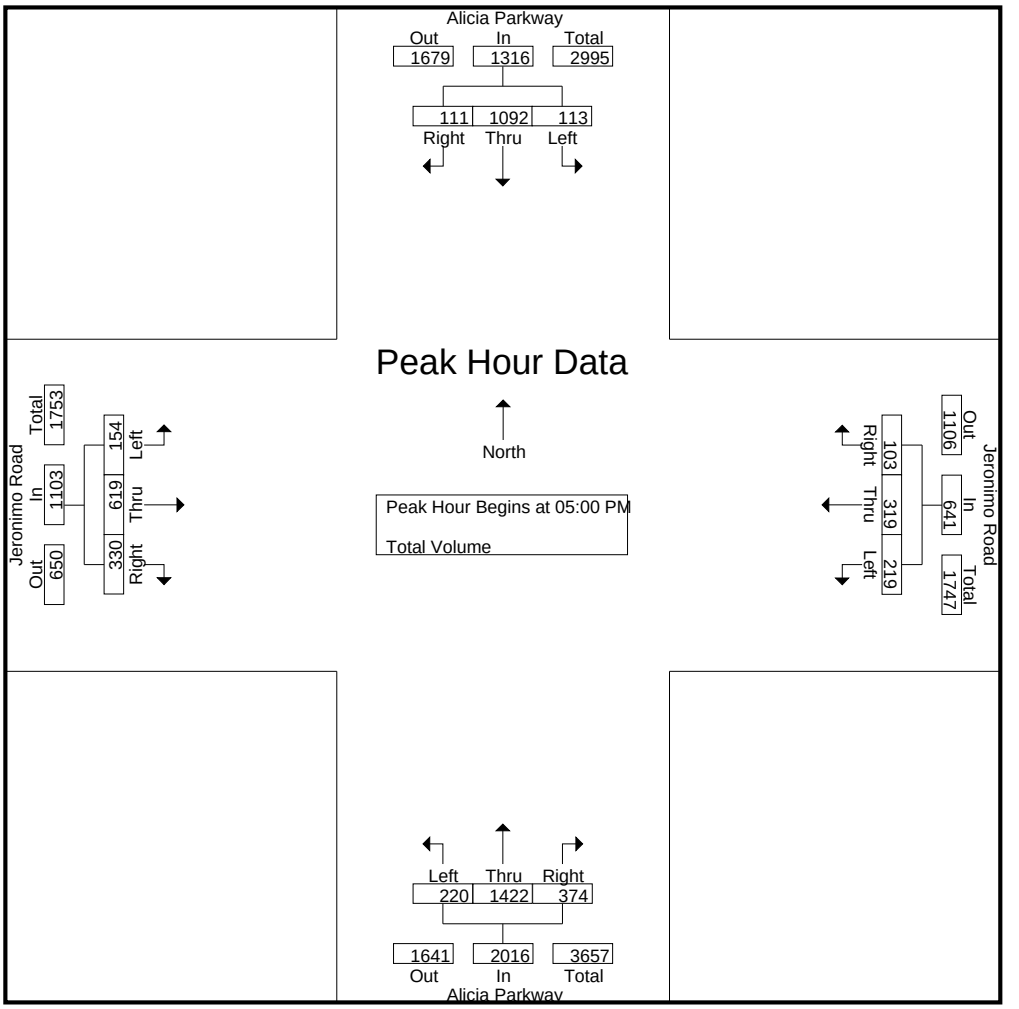

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				05:00 PM				05:00 PM			
+0 mins.	23	275	26	324	**77**	**117**	29	**223**	**66**	346	**100**	512	38	161	89	**288**
+15 mins.	25	244	22	291	55	71	**39**	165	53	346	97	496	**40**	141	**92**	273
+30 mins.	24	232	**38**	294	59	78	18	155	44	324	86	454	36	**171**	76	283
+45 mins.	**44**	**342**	22	**408**	54	78	26	158	57	**406**	91	**554**	40	146	73	259
Total Volume	116	1093	108	1317	245	344	112	701	220	1422	374	2016	154	619	330	1103
% App. Total	8.8	83	8.2		35	49.1	16		10.9	70.5	18.6		14	56.1	29.9	
PHF	.659	.799	.711	.807	.795	.735	.718	.786	.833	.876	.935	.910	.963	.905	.897	.957

Location: Mission Viejo
N/S: Alicia Parkway
E/W: Jeronimo Road

ITAM: 431
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alicia Parkway	East Leg Jeronimo Road	South Leg Alicia Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	1	0	0	0	1
7:45 AM	3	4	0	0	7
8:00 AM	2	0	0	1	3
8:15 AM	0	0	0	0	0
8:30 AM	1	1	0	0	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	7	5	0	2	14

	North Leg Alicia Parkway	East Leg Jeronimo Road	South Leg Alicia Parkway	West Leg Jeronimo Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	6	3	0	3	12
4:15 PM	0	1	0	0	1
4:30 PM	0	0	0	1	1
4:45 PM	0	3	0	0	3
5:00 PM	3	2	0	3	8
5:15 PM	5	4	0	0	9
5:30 PM	0	1	0	0	1
5:45 PM	0	0	0	2	2
TOTAL VOLUMES:	14	14	0	9	37

Location: Mission Viejo
N/S: Alicia Parkway
E/W: Jeronimo Road

ITAM: 431
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Alicia Parkway			Westbound Jeronimo Road			Northbound Alicia Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	5	0	0	0	0	0	1	0	6

	Southbound Alicia Parkway			Westbound Jeronimo Road			Northbound Alicia Parkway			Eastbound Jeronimo Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:15 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	1	0	0	2	0	0	0	0	0	2	0	6

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City of Mission Viejo
N/S: Alicia Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 432_MSV_Alicia_Muir AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Muirlands Boulevard Westbound				Alicia Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	492	11	517	14	30	16	60	24	272	14	310	11	78	99	188	1075
07:15 AM	27	525	3	555	17	49	24	90	32	296	16	344	11	52	106	169	1158
07:30 AM	31	517	10	558	25	53	31	109	48	357	25	430	30	85	111	226	1323
07:45 AM	42	578	20	640	23	78	34	135	61	355	30	446	28	104	151	283	1504
Total	114	2112	44	2270	79	210	105	394	165	1280	85	1530	80	319	467	866	5060
08:00 AM	53	597	19	669	43	107	44	194	53	370	35	458	40	129	120	289	1610
08:15 AM	46	552	9	607	46	99	50	195	45	357	20	422	29	94	143	266	1490
08:30 AM	69	600	19	688	27	54	35	116	49	358	11	418	25	68	119	212	1434
08:45 AM	42	484	35	561	34	61	32	127	49	340	20	409	34	63	93	190	1287
Total	210	2233	82	2525	150	321	161	632	196	1425	86	1707	128	354	475	957	5821
Grand Total	324	4345	126	4795	229	531	266	1026	361	2705	171	3237	208	673	942	1823	10881
Apprch %	6.8	90.6	2.6		22.3	51.8	25.9		11.2	83.6	5.3		11.4	36.9	51.7		
Total %	3	39.9	1.2	44.1	2.1	4.9	2.4	9.4	3.3	24.9	1.6	29.7	1.9	6.2	8.7	16.8	

	Alicia Parkway Southbound				Muirlands Boulevard Westbound				Alicia Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	42	578	**20**	640	23	78	34	135	**61**	355	30	446	28	104	**151**	283	1504
08:00 AM	53	597	19	669	43	**107**	44	194	53	**370**	**35**	**458**	**40**	**129**	120	**289**	**1610**
08:15 AM	46	552	9	607	**46**	99	**50**	**195**	45	357	20	422	29	94	143	266	1490
08:30 AM	**69**	**600**	19	**688**	27	54	35	116	49	358	11	418	25	68	119	212	1434
Total Volume	210	2327	67	2604	139	338	163	640	208	1440	96	1744	122	395	533	1050	6038
% App. Total	8.1	89.4	2.6		21.7	52.8	25.5		11.9	82.6	5.5		11.6	37.6	50.8		
PHF	.761	.970	.838	.946	.755	.790	.815	.821	.852	.973	.686	.952	.763	.766	.882	.908	.938

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File Name : 432_MSV_Alicia_Muir AM
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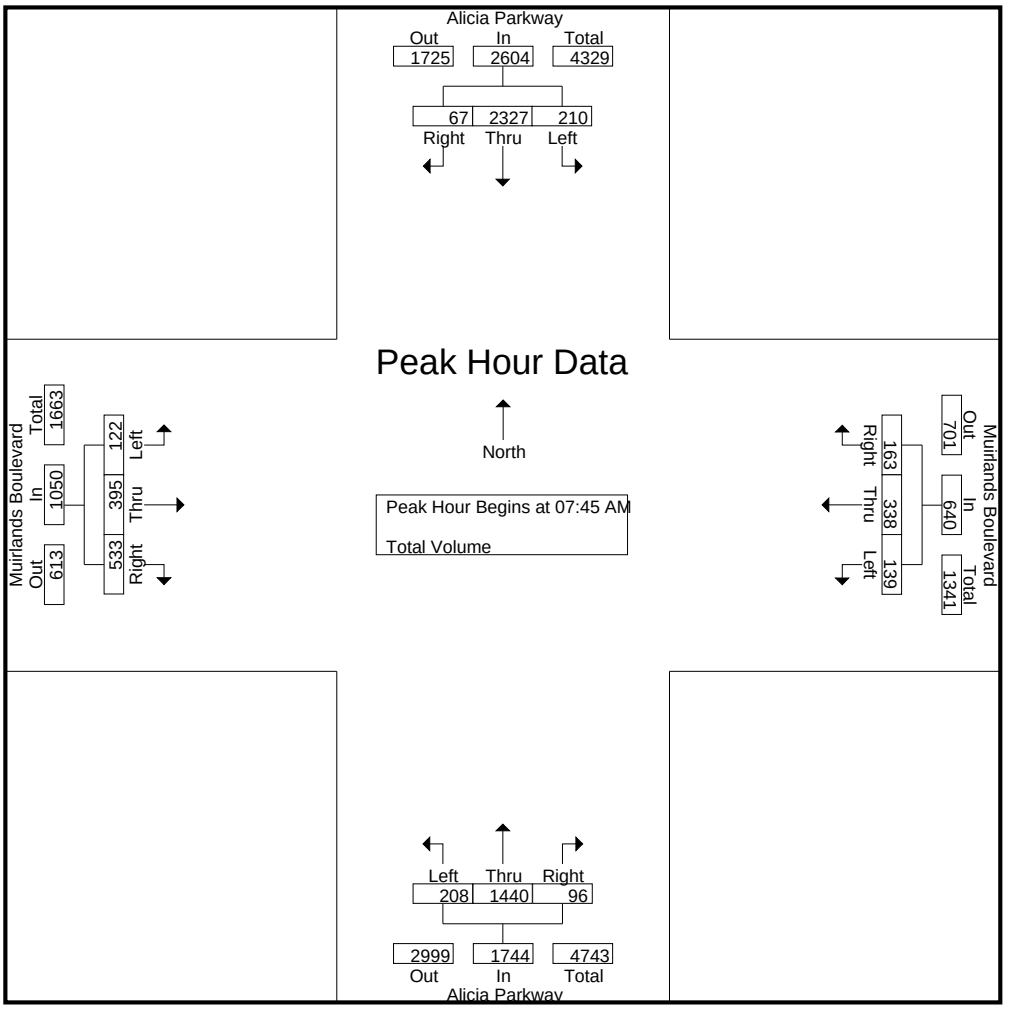

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:30 AM			
+0 mins.	42	578	**20**	640	23	78	34	135	48	357	25	430	30	85	111	226
+15 mins.	53	597	19	669	43	**107**	44	194	**61**	355	30	446	28	104	**151**	283
+30 mins.	46	552	9	607	**46**	99	**50**	**195**	53	**370**	**35**	**458**	**40**	**129**	120	**289**
+45 mins.	**69**	**600**	19	**688**	27	54	35	116	45	357	20	422	29	94	143	266
Total Volume	210	2327	67	2604	139	338	163	640	207	1439	110	1756	127	412	525	1064
% App. Total	8.1	89.4	2.6		21.7	52.8	25.5		11.8	81.9	6.3		11.9	38.7	49.3	
PHF	.761	.970	.838	.946	.755	.790	.815	.821	.848	.972	.786	.959	.794	.798	.869	.920

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City of Mission Viejo
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File Name : 432_MSV_Alicia_Muir PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Muirlands Boulevard Westbound				Alicia Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	34	434	16	484	26	87	51	164	57	391	25	473	43	97	124	264	1385
04:15 PM	35	363	19	417	30	67	53	150	81	428	41	550	38	102	124	264	1381
04:30 PM	30	409	24	463	20	82	47	149	68	400	28	496	41	94	125	260	1368
04:45 PM	29	420	16	465	25	74	48	147	42	408	27	477	51	92	131	274	1363
Total	128	1626	75	1829	101	310	199	610	248	1627	121	1996	173	385	504	1062	5497
05:00 PM	35	423	12	470	38	71	56	165	68	465	32	565	49	81	117	247	1447
05:15 PM	29	500	22	551	21	90	50	161	65	395	26	486	47	107	141	295	1493
05:30 PM	48	386	16	450	36	95	53	184	66	398	29	493	64	104	125	293	1420
05:45 PM	38	415	21	474	24	81	49	154	48	463	37	548	36	89	141	266	1442
Total	150	1724	71	1945	119	337	208	664	247	1721	124	2092	196	381	524	1101	5802
Grand Total	278	3350	146	3774	220	647	407	1274	495	3348	245	4088	369	766	1028	2163	11299
Apprch %	7.4	88.8	3.9		17.3	50.8	31.9		12.1	81.9	6		17.1	35.4	47.5		
Total %	2.5	29.6	1.3	33.4	1.9	5.7	3.6	11.3	4.4	29.6	2.2	36.2	3.3	6.8	9.1	19.1	

	Alicia Parkway Southbound				Muirlands Boulevard Westbound				Alicia Parkway Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	35	423	12	470	**38**	71	**56**	165	**68**	**465**	32	**565**	49	81	117	247	1447
05:15 PM	29	**500**	**22**	**551**	21	90	50	161	65	395	26	486	47	**107**	**141**	**295**	**1493**
05:30 PM	**48**	386	16	450	36	**95**	53	**184**	66	398	29	493	**64**	104	125	293	1420
05:45 PM	38	415	21	474	24	81	49	154	48	463	**37**	548	36	89	141	266	1442
Total Volume	150	1724	71	1945	119	337	208	664	247	1721	124	2092	196	381	524	1101	5802
% App. Total	7.7	88.6	3.7		17.9	50.8	31.3		11.8	82.3	5.9		17.8	34.6	47.6		
PHF	.781	.862	.807	.882	.783	.887	.929	.902	.908	.925	.838	.926	.766	.890	.929	.933	.972

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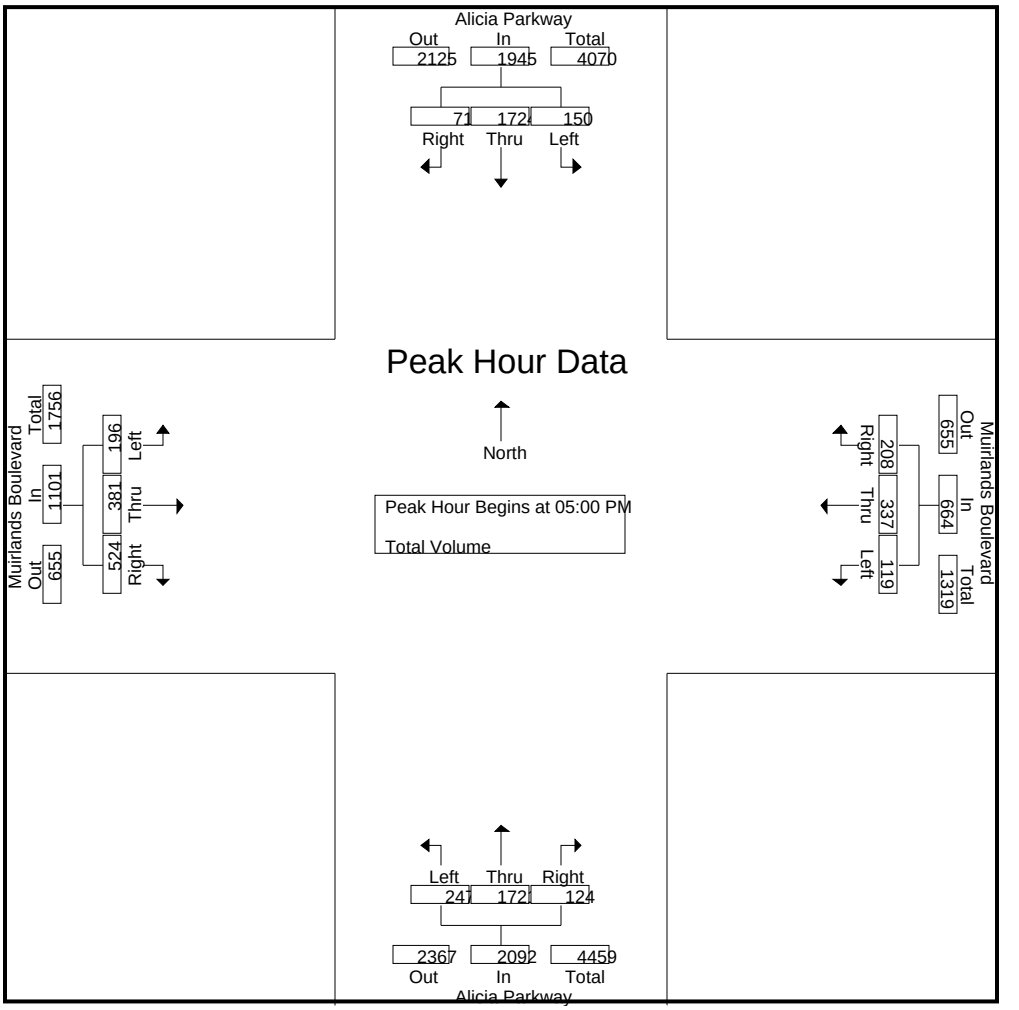
City of Mission Viejo
N/S: Alicia Parkway
E/W: Muirlands Boulevard
Weather: Clear

File Name : 432_MSV_Alicia_Muir PM
Site Code : 05124139
Start Date : 2/13/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				04:45 PM			
+0 mins.	30	409	**24**	463	**38**	71	**56**	165	**68**	**465**	32	**565**	51	92	131	274
+15 mins.	29	420	16	465	21	90	50	161	65	395	26	486	49	81	117	247
+30 mins.	**35**	423	12	470	36	**95**	53	**184**	66	398	29	493	47	**107**	**141**	**295**
+45 mins.	29	**500**	22	**551**	24	81	49	154	48	463	**37**	548	**64**	104	125	293
Total Volume	123	1752	74	1949	119	337	208	664	247	1721	124	2092	211	384	514	1109
% App. Total	6.3	89.9	3.8		17.9	50.8	31.3		11.8	82.3	5.9		19	34.6	46.3	
PHF	.879	.876	.771	.884	.783	.887	.929	.902	.908	.925	.838	.926	.824	.897	.911	.940

Location: Mission Viejo
N/S: Alicia Parkway
E/W: Muirlands Blvd

ITAM: 432
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alicia Parkway	East Leg Muirlands Blvd	South Leg Alicia Parkway	West Leg Muirlands Blvd	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1
7:30 AM	1	0	0	0	1
7:45 AM	4	0	0	0	4
8:00 AM	0	3	0	0	3
8:15 AM	1	0	0	0	1
8:30 AM	0	0	0	0	0
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	7	3	1	0	11

	North Leg Alicia Parkway	East Leg Muirlands Blvd	South Leg Alicia Parkway	West Leg Muirlands Blvd	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	0	1	3	6
4:15 PM	0	0	0	0	0
4:30 PM	1	0	0	1	2
4:45 PM	0	0	0	1	1
5:00 PM	0	0	0	2	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	1	1
5:45 PM	0	1	0	1	2
TOTAL VOLUMES:	3	1	1	9	14

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Location: Mission Viejo
N/S: Alicia Parkway
E/W: Muirlands Blvd

ITAM: 432
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Alicia Parkway			Westbound Muirlands Blvd			Northbound Alicia Parkway			Eastbound Muirlands Blvd			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	1	0	0	0	0	0	0	0	2	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	1	0	1	0	0	0	0	0	2	0	6

	Southbound Alicia Parkway			Westbound Muirlands Blvd			Northbound Alicia Parkway			Eastbound Muirlands Blvd			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	2	0	0	0	0	0	0	0	1	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	1	0	0	0	0	0	0	0	1	0	0	2
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	2	0	2	0	0	0	0	1	4	0	10

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City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 433_MSV_Alicia_5N AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound			I-5 Northbound Ramps Westbound			Alicia Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	233	233	16	31	47	274	210	484	764
07:15 AM	0	280	280	18	40	58	343	232	575	913
07:30 AM	0	307	307	12	71	83	379	245	624	1014
07:45 AM	0	415	415	10	85	95	436	242	678	1188
Total	0	1235	1235	56	227	283	1432	929	2361	3879
08:00 AM	0	367	367	25	78	103	413	259	672	1142
08:15 AM	0	349	349	24	71	95	423	231	654	1098
08:30 AM	0	387	387	20	78	98	373	234	607	1092
08:45 AM	0	325	325	38	87	125	360	228	588	1038
Total	0	1428	1428	107	314	421	1569	952	2521	4370
Grand Total	0	2663	2663	163	541	704	3001	1881	4882	8249
Apprch %	0	100		23.2	76.8		61.5	38.5		
Total %	0	32.3	32.3	2	6.6	8.5	36.4	22.8	59.2	

	Alicia Parkway Southbound			I-5 Northbound Ramps Westbound			Alicia Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	0	**415**	**415**	10	**85**	95	**436**	242	**678**	**1188**
08:00 AM	0	367	367	**25**	78	**103**	413	**259**	672	1142
08:15 AM	0	349	349	24	71	95	423	231	654	1098
08:30 AM	0	387	387	20	78	98	373	234	607	1092
Total Volume	0	1518	1518	79	312	391	1645	966	2611	4520
% App. Total	0	100		20.2	79.8		63	37		
PHF	.000	.914	.914	.790	.918	.949	.943	.932	.963	.951

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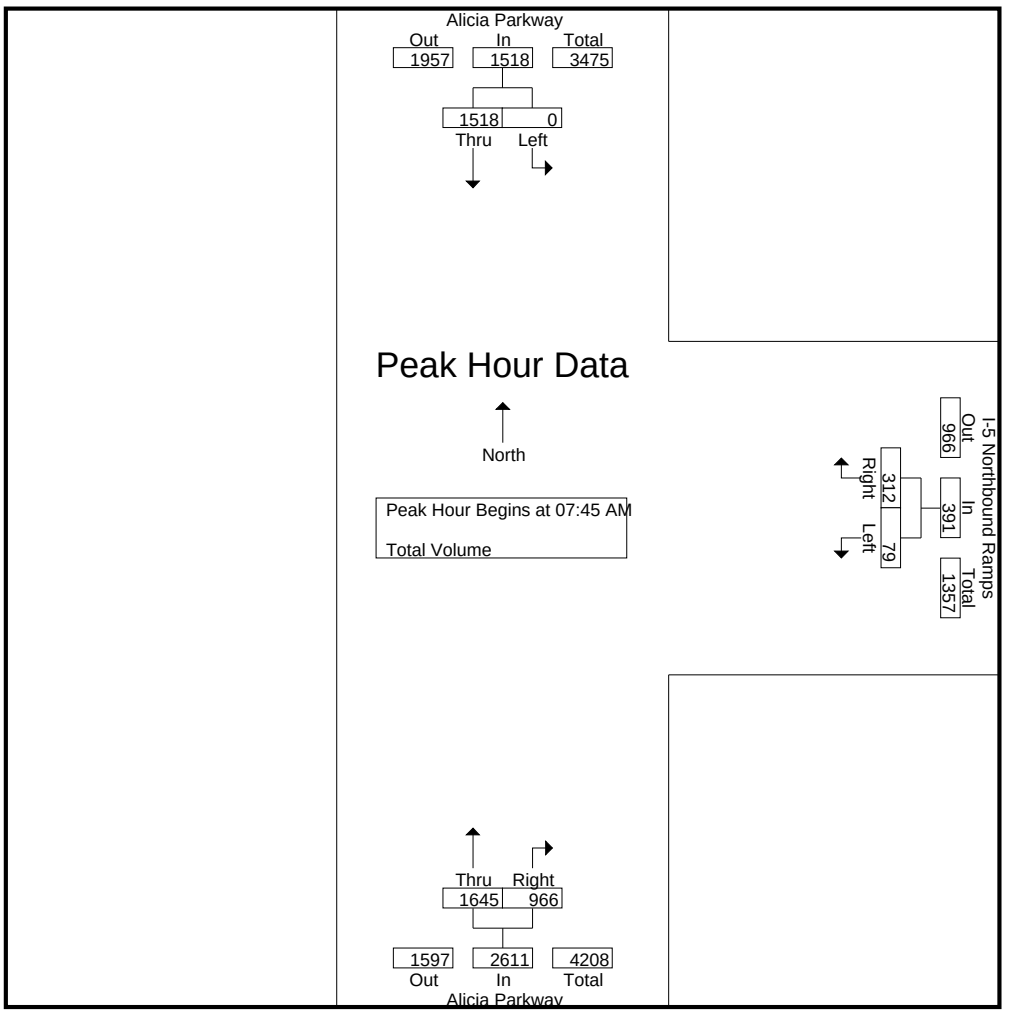
City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 433_MSV_Alicia_5N AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			07:30 AM		
+0 mins.	0	**415**	**415**	25	78	103	379	245	624
+15 mins.	0	367	367	24	71	95	**436**	242	**678**
+30 mins.	0	349	349	20	78	98	413	**259**	672
+45 mins.	0	387	387	**38**	**87**	**125**	423	231	654
Total Volume	0	1518	1518	107	314	421	1651	977	2628
% App. Total	0	100		25.4	74.6		62.8	37.2	
PHF	.000	.914	.914	.704	.902	.842	.947	.943	.969

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City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 433_MSV_Alicia_5N PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound			I-5 Northbound Ramps Westbound			Alicia Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	297	297	32	130	162	447	169	616	1075
04:15 PM	0	332	332	42	128	170	454	221	675	1177
04:30 PM	0	342	342	31	112	143	467	200	667	1152
04:45 PM	0	326	326	43	127	170	436	191	627	1123
Total	0	1297	1297	148	497	645	1804	781	2585	4527
05:00 PM	0	359	359	39	106	145	510	167	677	1181
05:15 PM	0	372	372	44	130	174	406	229	635	1181
05:30 PM	0	323	323	31	105	136	527	193	720	1179
05:45 PM	0	334	334	25	141	166	458	177	635	1135
Total	0	1388	1388	139	482	621	1901	766	2667	4676
Grand Total	0	2685	2685	287	979	1266	3705	1547	5252	9203
Apprch %	0	100		22.7	77.3		70.5	29.5		
Total %	0	29.2	29.2	3.1	10.6	13.8	40.3	16.8	57.1	

	Alicia Parkway Southbound			I-5 Northbound Ramps Westbound			Alicia Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	359	359	39	106	145	510	167	677	**1181**
05:15 PM	0	**372**	**372**	**44**	130	**174**	406	**229**	635	1181
05:30 PM	0	323	323	31	105	136	**527**	193	**720**	1179
05:45 PM	0	334	334	25	**141**	166	458	177	635	1135
Total Volume	0	1388	1388	139	482	621	1901	766	2667	4676
% App. Total	0	100		22.4	77.6		71.3	28.7		
PHF	.000	.933	.933	.790	.855	.892	.902	.836	.926	.990

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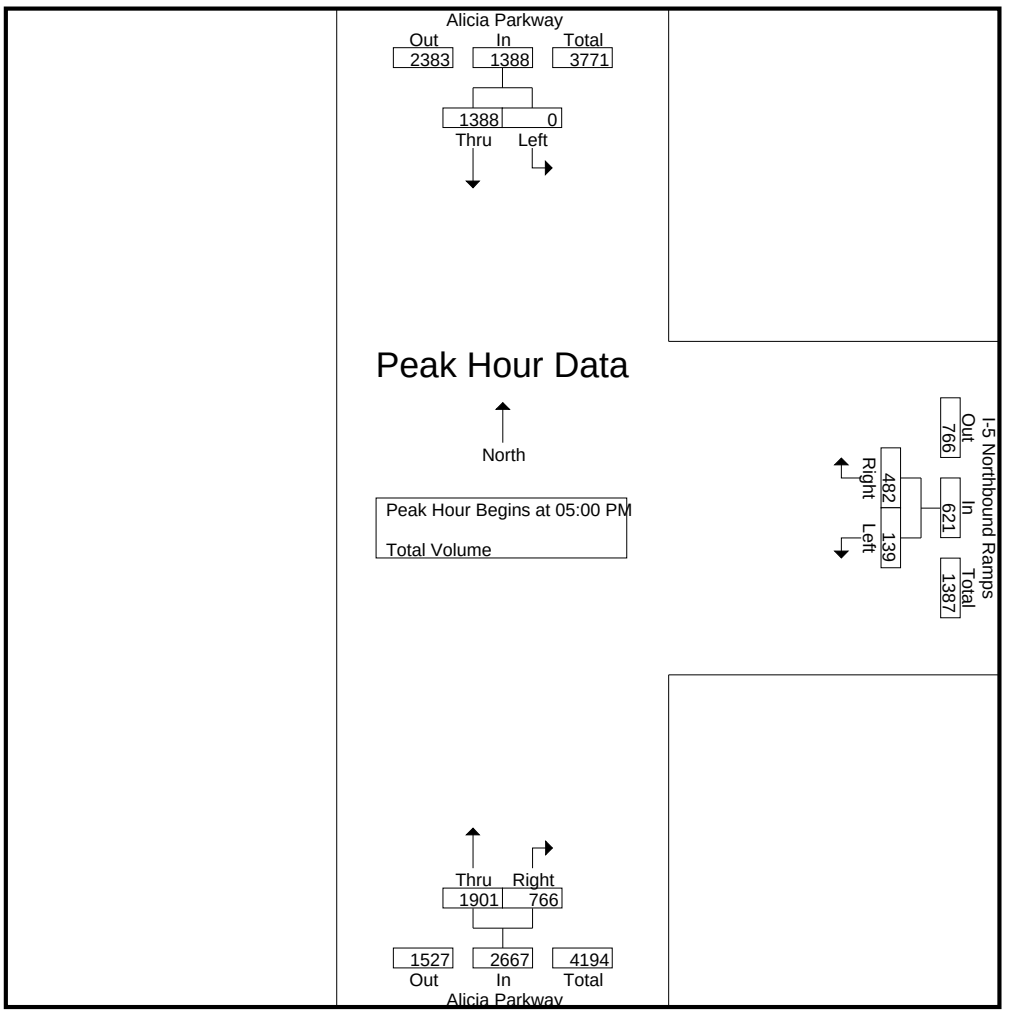
City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Northbound Ramps
Weather: Clear

File Name : 433_MSV_Alicia_5N PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			05:00 PM		
+0 mins.	0	342	342	32	**130**	162	510	167	677
+15 mins.	0	326	326	42	128	**170**	406	**229**	635
+30 mins.	0	359	359	31	112	143	**527**	193	**720**
+45 mins.	0	**372**	**372**	**43**	127	170	458	177	635
Total Volume	0	1399	1399	148	497	645	1901	766	2667
% App. Total	0	100		22.9	77.1		71.3	28.7	
PHF	.000	.940	.940	.860	.956	.949	.902	.836	.926

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City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 434_MSV_Alicia_5S AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				I-5 Southbound Ramps Westbound				Alicia Parkway Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	136	119	255	0	0	0	0	0	309	0	309	188	0	179	367	931
07:15 AM	0	176	118	294	0	0	0	0	0	314	0	314	235	0	195	430	1038
07:30 AM	0	190	145	335	0	0	0	0	0	427	0	427	216	0	212	428	1190
07:45 AM	0	246	183	429	0	0	0	0	0	406	0	406	248	0	214	462	1297
Total	0	748	565	1313	0	0	0	0	0	1456	0	1456	887	0	800	1687	4456
08:00 AM	0	251	156	407	0	0	0	0	0	427	0	427	238	0	199	437	1271
08:15 AM	0	264	115	379	0	0	0	0	0	420	0	420	239	0	206	445	1244
08:30 AM	0	263	151	414	0	0	0	0	0	366	0	366	214	0	188	402	1182
08:45 AM	0	256	140	396	0	0	0	0	0	397	0	397	206	0	166	372	1165
Total	0	1034	562	1596	0	0	0	0	0	1610	0	1610	897	0	759	1656	4862
Grand Total	0	1782	1127	2909	0	0	0	0	0	3066	0	3066	1784	0	1559	3343	9318
Apprch %	0	61.3	38.7		0	0	0		0	100	0		53.4	0	46.6		
Total %	0	19.1	12.1	31.2	0	0	0	0	0	32.9	0	32.9	19.1	0	16.7	35.9	

	Alicia Parkway Southbound				I-5 Southbound Ramps Westbound				Alicia Parkway Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	190	145	335	0	0	0	0	0	427	0	427	216	0	212	428	1190
07:45 AM	0	246	183	429	0	0	0	0	0	406	0	406	248	0	214	462	1297
08:00 AM	0	251	156	407	0	0	0	0	0	427	0	427	238	0	199	437	1271
08:15 AM	0	264	115	379	0	0	0	0	0	420	0	420	239	0	206	445	1244
Total Volume	0	951	599	1550	0	0	0	0	0	1680	0	1680	941	0	831	1772	5002
% App. Total	0	61.4	38.6		0	0	0		0	100	0		53.1	0	46.9		
PHF	.000	.901	.818	.903	.000	.000	.000	.000	.000	.984	.000	.984	.949	.000	.971	.959	.964

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City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 434_MSV_Alicia_5S AM
Site Code : 05124139
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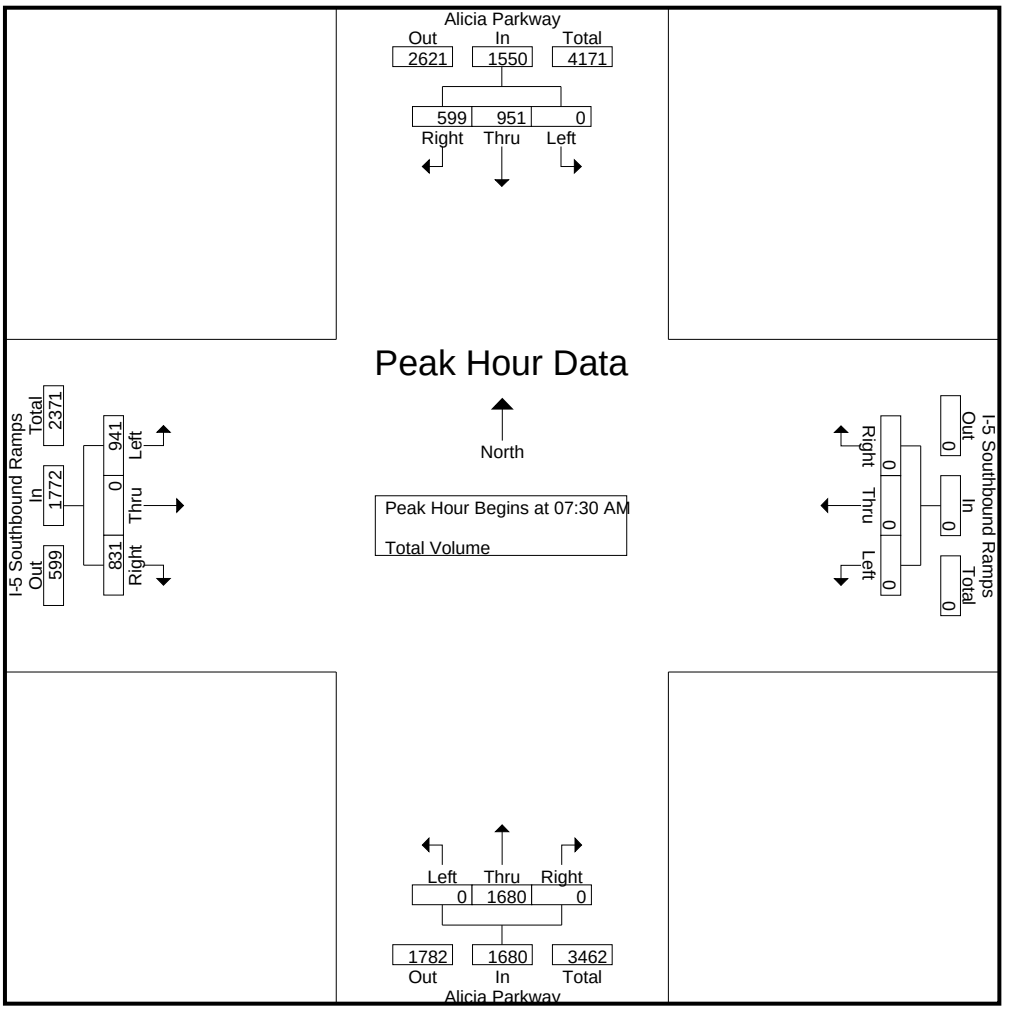

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:00 AM				07:30 AM				07:30 AM			
+0 mins.	0	246	183	429	0	0	0	0	0	427	0	427	216	0	212	428
+15 mins.	0	251	156	407	0	0	0	0	0	406	0	406	248	0	214	462
+30 mins.	0	264	115	379	0	0	0	0	0	427	0	427	238	0	199	437
+45 mins.	0	263	151	414	0	0	0	0	0	420	0	420	239	0	206	445
Total Volume	0	1024	605	1629	0	0	0	0	0	1680	0	1680	941	0	831	1772
% App. Total	0	62.9	37.1		0	0	0		0	100	0		53.1	0	46.9	
PHF	.000	.970	.827	.949	.000	.000	.000	.000	.000	.984	.000	.984	.949	.000	.971	.959

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City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 434_MSV_Alicia_5S PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				I-5 Southbound Ramps Westbound				Alicia Parkway Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	207	124	331	0	0	0	0	0	372	0	372	252	0	184	436	1139
04:15 PM	0	280	121	401	0	0	0	0	0	462	0	462	233	0	160	393	1256
04:30 PM	0	227	135	362	0	0	0	0	0	397	0	397	249	0	176	425	1184
04:45 PM	0	267	125	392	0	0	0	0	0	392	0	392	246	0	170	416	1200
Total	0	981	505	1486	0	0	0	0	0	1623	0	1623	980	0	690	1670	4779
05:00 PM	0	264	140	404	0	0	0	0	0	428	0	428	223	0	185	408	1240
05:15 PM	0	305	131	436	0	0	0	0	0	435	0	435	188	0	176	364	1235
05:30 PM	0	244	130	374	0	0	0	0	0	465	0	465	244	0	150	394	1233
05:45 PM	0	240	110	350	0	0	0	0	0	351	0	351	233	0	173	406	1107
Total	0	1053	511	1564	0	0	0	0	0	1679	0	1679	888	0	684	1572	4815
Grand Total	0	2034	1016	3050	0	0	0	0	0	3302	0	3302	1868	0	1374	3242	9594
Apprch %	0	66.7	33.3		0	0	0		0	100	0		57.6	0	42.4		
Total %	0	21.2	10.6	31.8	0	0	0	0	0	34.4	0	34.4	19.5	0	14.3	33.8	

	Alicia Parkway Southbound				I-5 Southbound Ramps Westbound				Alicia Parkway Northbound				I-5 Southbound Ramps Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	267	125	392	0	0	0	0	0	392	0	392	246	0	170	416	1200
05:00 PM	0	264	140	404	0	0	0	0	0	428	0	428	223	0	185	408	1240
05:15 PM	0	305	131	436	0	0	0	0	0	435	0	435	188	0	176	364	1235
05:30 PM	0	244	130	374	0	0	0	0	0	465	0	465	244	0	150	394	1233
Total Volume	0	1080	526	1606	0	0	0	0	0	1720	0	1720	901	0	681	1582	4908
% App. Total	0	67.2	32.8		0	0	0		0	100	0		57	0	43		
PHF	.000	.885	.939	.921	.000	.000	.000	.000	.000	.925	.000	.925	.916	.000	.920	.951	.990

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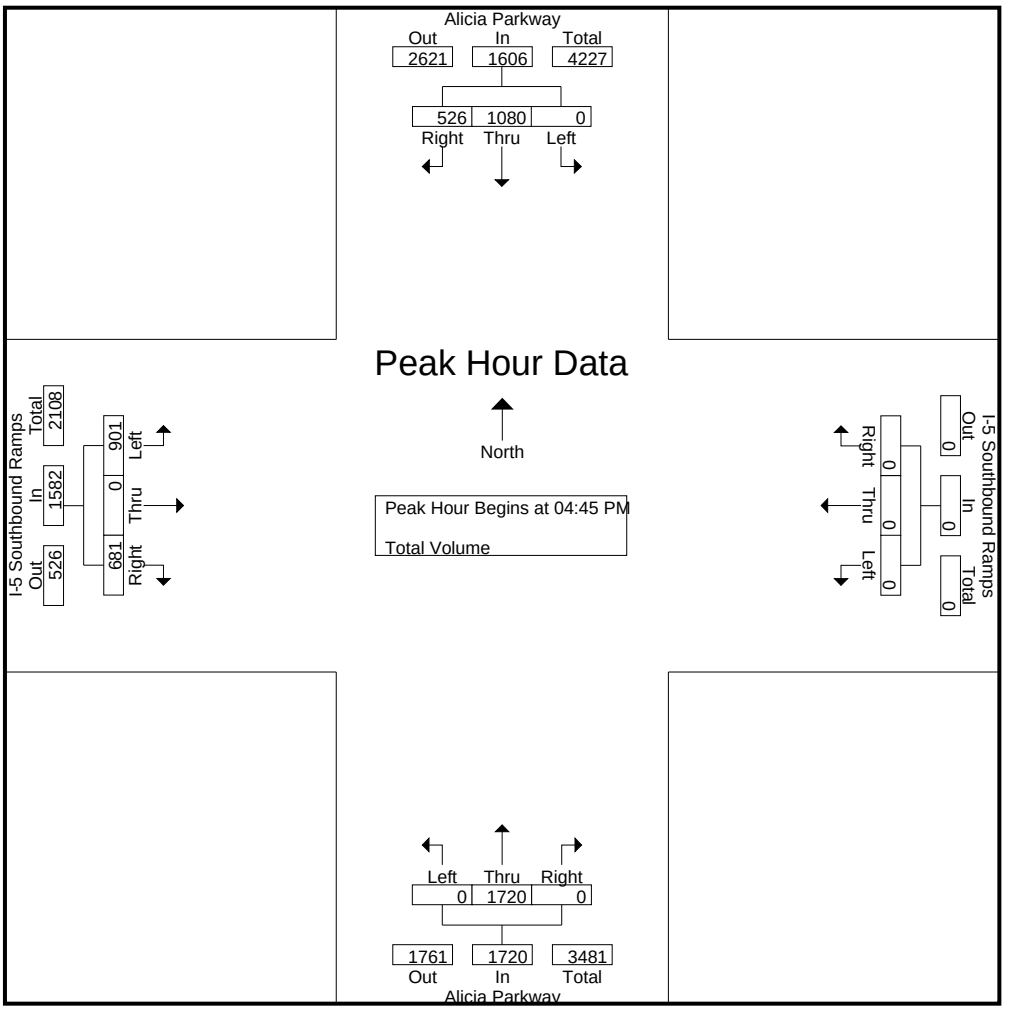
City of Mission Viejo
N/S: Alicia Parkway
E/W: I-5 Southbound Ramps
Weather: Clear

File Name : 434_MSV_Alicia_5S PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				04:00 PM			
+0 mins.	0	267	125	392	0	0	0	0	0	392	0	392	252	0	184	436
+15 mins.	0	264	140	404	0	0	0	0	0	428	0	428	233	0	160	393
+30 mins.	0	305	131	436	0	0	0	0	0	435	0	435	249	0	176	425
+45 mins.	0	244	130	374	0	0	0	0	0	465	0	465	246	0	170	416
Total Volume	0	1080	526	1606	0	0	0	0	0	1720	0	1720	980	0	690	1670
% App. Total	0	67.2	32.8		0	0	0		0	100	0		58.7	0	41.3	
PHF	.000	.885	.939	.921	.000	.000	.000	.000	.000	.925	.000	.925	.972	.000	.938	.958

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City of Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia
Weather: Clear

File Name : 435_LHS_Alicia_PdVal AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Paseo De Valencia Westbound				Alicia Parkway Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	219	27	250	15	41	7	63	35	270	16	321	24	30	33	87	721
07:15 AM	15	280	55	350	28	85	5	118	42	269	16	327	36	45	51	132	927
07:30 AM	16	285	45	346	17	88	8	113	47	285	23	355	47	106	75	228	1042
07:45 AM	20	330	60	410	16	92	17	125	106	369	31	506	74	62	68	204	1245
Total	55	1114	187	1356	76	306	37	419	230	1193	86	1509	181	243	227	651	3935
08:00 AM	20	316	81	417	36	123	23	182	60	263	14	337	82	88	83	253	1189
08:15 AM	27	314	92	433	27	139	15	181	88	333	33	454	59	86	66	211	1279
08:30 AM	15	306	64	385	24	88	14	126	64	290	22	376	51	59	77	187	1074
08:45 AM	17	255	72	344	13	67	10	90	88	272	9	369	42	52	70	164	967
Total	79	1191	309	1579	100	417	62	579	300	1158	78	1536	234	285	296	815	4509
Grand Total	134	2305	496	2935	176	723	99	998	530	2351	164	3045	415	528	523	1466	8444
Apprch %	4.6	78.5	16.9		17.6	72.4	9.9		17.4	77.2	5.4		28.3	36	35.7		
Total %	1.6	27.3	5.9	34.8	2.1	8.6	1.2	11.8	6.3	27.8	1.9	36.1	4.9	6.3	6.2	17.4	

	Alicia Parkway Southbound				Paseo De Valencia Westbound				Alicia Parkway Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	20	**330**	60	410	16	92	17	125	**106**	**369**	31	**506**	74	62	68	204	1245
08:00 AM	20	316	81	417	**36**	123	**23**	**182**	60	263	14	337	**82**	**88**	**83**	**253**	1189
08:15 AM	**27**	314	**92**	**433**	27	**139**	15	181	88	333	**33**	454	59	86	66	211	**1279**
08:30 AM	15	306	64	385	24	88	14	126	64	290	22	376	51	59	77	187	1074
Total Volume	82	1266	297	1645	103	442	69	614	318	1255	100	1673	266	295	294	855	4787
% App. Total	5	77	18.1		16.8	72	11.2		19	75	6		31.1	34.5	34.4		
PHF	.759	.959	.807	.950	.715	.795	.750	.843	.750	.850	.758	.827	.811	.838	.886	.845	.936

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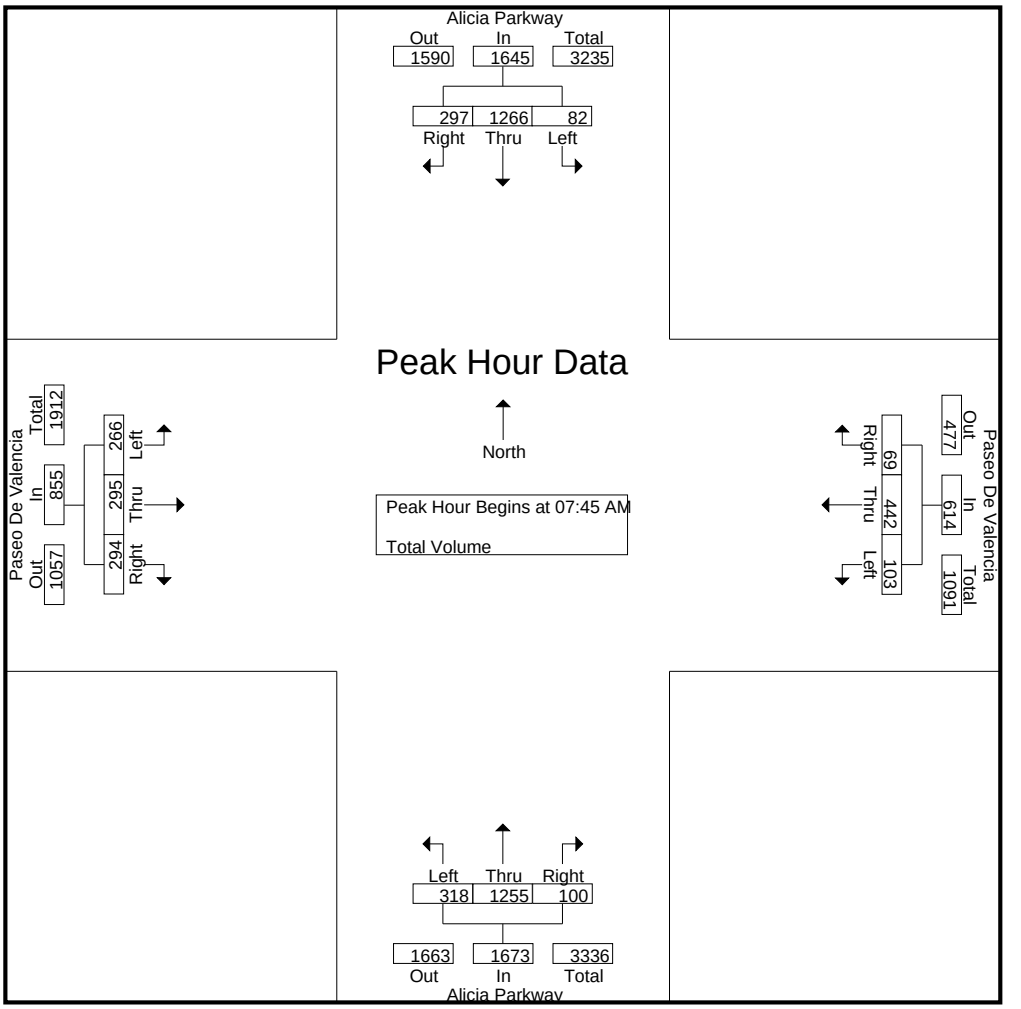
City of Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia
Weather: Clear

File Name : 435_LHS_Alicia_PdVal AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	20	**330**	60	410	16	92	17	125	**106**	**369**	31	**506**	47	**106**	75	228
+15 mins.	20	316	81	417	**36**	123	**23**	**182**	60	263	14	337	74	62	68	204
+30 mins.	**27**	314	**92**	**433**	27	**139**	15	181	88	333	**33**	454	**82**	88	**83**	**253**
+45 mins.	15	306	64	385	24	88	14	126	64	290	22	376	59	86	66	211
Total Volume	82	1266	297	1645	103	442	69	614	318	1255	100	1673	262	342	292	896
% App. Total	5	77	18.1		16.8	72	11.2		19	75	6		29.2	38.2	32.6	
PHF	.759	.959	.807	.950	.715	.795	.750	.843	.750	.850	.758	.827	.799	.807	.880	.885

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City of Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia
Weather: Clear

File Name : 435_LHS_Alicia_PdVal PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Paseo De Valencia Westbound				Alicia Parkway Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	35	237	44	316	19	91	18	128	90	357	13	460	74	137	140	351	1255
04:15 PM	37	272	59	368	23	78	18	119	108	326	19	453	46	100	121	267	1207
04:30 PM	50	291	75	416	20	57	20	97	68	273	27	368	61	110	127	298	1179
04:45 PM	28	255	62	345	21	79	15	115	93	281	25	399	62	125	119	306	1165
Total	150	1055	240	1445	83	305	71	459	359	1237	84	1680	243	472	507	1222	4806
05:00 PM	43	299	68	410	16	54	21	91	83	361	28	472	63	119	105	287	1260
05:15 PM	25	278	67	370	24	94	27	145	93	290	25	408	67	142	113	322	1245
05:30 PM	27	312	65	404	21	85	29	135	101	306	32	439	56	94	103	253	1231
05:45 PM	37	262	58	357	32	87	27	146	80	249	15	344	76	105	100	281	1128
Total	132	1151	258	1541	93	320	104	517	357	1206	100	1663	262	460	421	1143	4864
Grand Total	282	2206	498	2986	176	625	175	976	716	2443	184	3343	505	932	928	2365	9670
Apprch %	9.4	73.9	16.7		18	64	17.9		21.4	73.1	5.5		21.4	39.4	39.2		
Total %	2.9	22.8	5.1	30.9	1.8	6.5	1.8	10.1	7.4	25.3	1.9	34.6	5.2	9.6	9.6	24.5	

	Alicia Parkway Southbound				Paseo De Valencia Westbound				Alicia Parkway Northbound				Paseo De Valencia Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	28	255	62	345	21	79	15	115	93	281	25	399	62	125	**119**	306	1165
05:00 PM	**43**	299	**68**	**410**	16	54	21	91	83	**361**	28	**472**	63	119	105	287	**1260**
05:15 PM	25	278	67	370	**24**	**94**	27	**145**	93	290	25	408	**67**	**142**	113	**322**	1245
05:30 PM	27	**312**	65	404	21	85	**29**	135	**101**	306	**32**	439	56	94	103	253	1231
Total Volume	123	1144	262	1529	82	312	92	486	370	1238	110	1718	248	480	440	1168	4901
% App. Total	8	74.8	17.1		16.9	64.2	18.9		21.5	72.1	6.4		21.2	41.1	37.7		
PHF	.715	.917	.963	.932	.854	.830	.793	.838	.916	.857	.859	.910	.925	.845	.924	.907	.972

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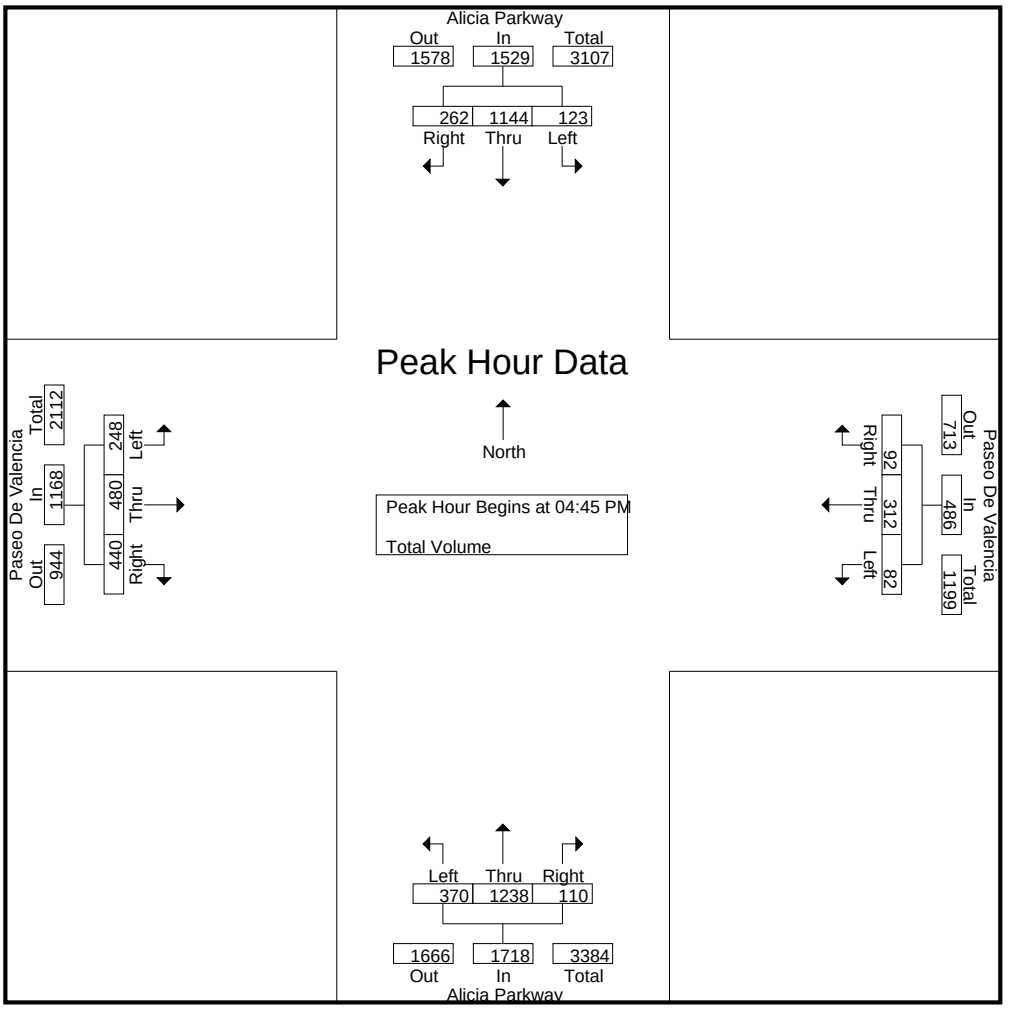
City of Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia
Weather: Clear

File Name : 435_LHS_Alicia_PdVal PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:45 PM				04:00 PM			
+0 mins.	**50**	291	**75**	**416**	16	54	21	91	93	281	25	399	**74**	**137**	**140**	**351**
+15 mins.	28	255	62	345	24	**94**	27	145	83	**361**	28	**472**	46	100	121	267
+30 mins.	43	**299**	68	410	21	85	**29**	135	93	290	25	408	61	110	127	298
+45 mins.	25	278	67	370	**32**	87	27	**146**	**101**	306	**32**	439	62	125	119	306
Total Volume	146	1123	272	1541	93	320	104	517	370	1238	110	1718	243	472	507	1222
% App. Total	9.5	72.9	17.7		18	61.9	20.1		21.5	72.1	6.4		19.9	38.6	41.5	
PHF	.730	.939	.907	.926	.727	.851	.897	.885	.916	.857	.859	.910	.821	.861	.905	.870

Location: Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia

ITAM: 435
Date: 2/13/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alicia Parkway	East Leg Paseo De Valencia	South Leg Alicia Parkway	West Leg Paseo De Valencia	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	1	0	0	0	1
7:30 AM	1	0	1	1	3
7:45 AM	2	0	1	2	5
8:00 AM	0	0	2	1	3
8:15 AM	4	3	0	4	11
8:30 AM	1	1	0	1	3
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	9	4	4	11	28

	North Leg Alicia Parkway	East Leg Paseo De Valencia	South Leg Alicia Parkway	West Leg Paseo De Valencia	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	4	2	4	0	10
4:15 PM	2	1	0	3	6
4:30 PM	2	2	1	3	8
4:45 PM	1	0	4	6	11
5:00 PM	0	0	2	6	8
5:15 PM	2	1	3	6	12
5:30 PM	0	0	0	1	1
5:45 PM	1	1	3	4	9
TOTAL VOLUMES:	12	7	17	29	65

Location: Laguna Hills
N/S: Alicia Parkway
E/W: Paseo De Valencia

ITAM: 435
Date: 2/13/2024
Day: Tuesday

BICYCLES

	Southbound Alicia Parkway			Westbound Paseo De Valencia			Northbound Alicia Parkway			Eastbound Paseo De Valencia			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	1	0	0	0	0	0	0	0	4

	Southbound Alicia Parkway			Westbound Paseo De Valencia			Northbound Alicia Parkway			Eastbound Paseo De Valencia			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	0	0	0	1	1	3

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City of Laguna Hills
N/S: Alicia Parkway
E/W: Moulton Parkway
Weather: Clear

File Name : 436_LHS_Alicia_Moul AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Moulton Parkway Westbound				Alicia Parkway Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	28	206	22	256	1	81	61	143	38	214	13	265	19	72	36	127	791
07:15 AM	33	228	11	272	5	141	70	216	45	215	15	275	26	114	38	178	941
07:30 AM	65	269	33	367	6	159	76	241	61	248	28	337	28	138	46	212	1157
07:45 AM	57	296	26	379	9	247	89	345	103	291	35	429	36	157	55	248	1401
Total	183	999	92	1274	21	628	296	945	247	968	91	1306	109	481	175	765	4290
08:00 AM	57	285	29	371	15	206	86	307	102	245	11	358	26	119	56	201	1237
08:15 AM	63	308	38	409	11	258	101	370	89	267	14	370	30	123	60	213	1362
08:30 AM	75	274	30	379	11	230	71	312	73	282	13	368	14	173	78	265	1324
08:45 AM	65	256	29	350	3	194	89	286	79	228	23	330	21	134	54	209	1175
Total	260	1123	126	1509	40	888	347	1275	343	1022	61	1426	91	549	248	888	5098
Grand Total	443	2122	218	2783	61	1516	643	2220	590	1990	152	2732	200	1030	423	1653	9388
Apprch %	15.9	76.2	7.8		2.7	68.3	29		21.6	72.8	5.6		12.1	62.3	25.6		
Total %	4.7	22.6	2.3	29.6	0.6	16.1	6.8	23.6	6.3	21.2	1.6	29.1	2.1	11	4.5	17.6	

	Alicia Parkway Southbound				Moulton Parkway Westbound				Alicia Parkway Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	57	296	26	379	9	247	89	345	**103**	**291**	**35**	**429**	**36**	157	55	248	**1401**
08:00 AM	57	285	29	371	**15**	206	86	307	102	245	11	358	26	119	56	201	1237
08:15 AM	63	**308**	**38**	**409**	11	**258**	**101**	**370**	89	267	14	370	30	123	60	213	1362
08:30 AM	**75**	274	30	379	11	230	71	312	73	282	13	368	14	**173**	**78**	**265**	1324
Total Volume	252	1163	123	1538	46	941	347	1334	367	1085	73	1525	106	572	249	927	5324
% App. Total	16.4	75.6	8		3.4	70.5	26		24.1	71.1	4.8		11.4	61.7	26.9		
PHF	.840	.944	.809	.940	.767	.912	.859	.901	.891	.932	.521	.889	.736	.827	.798	.875	.950

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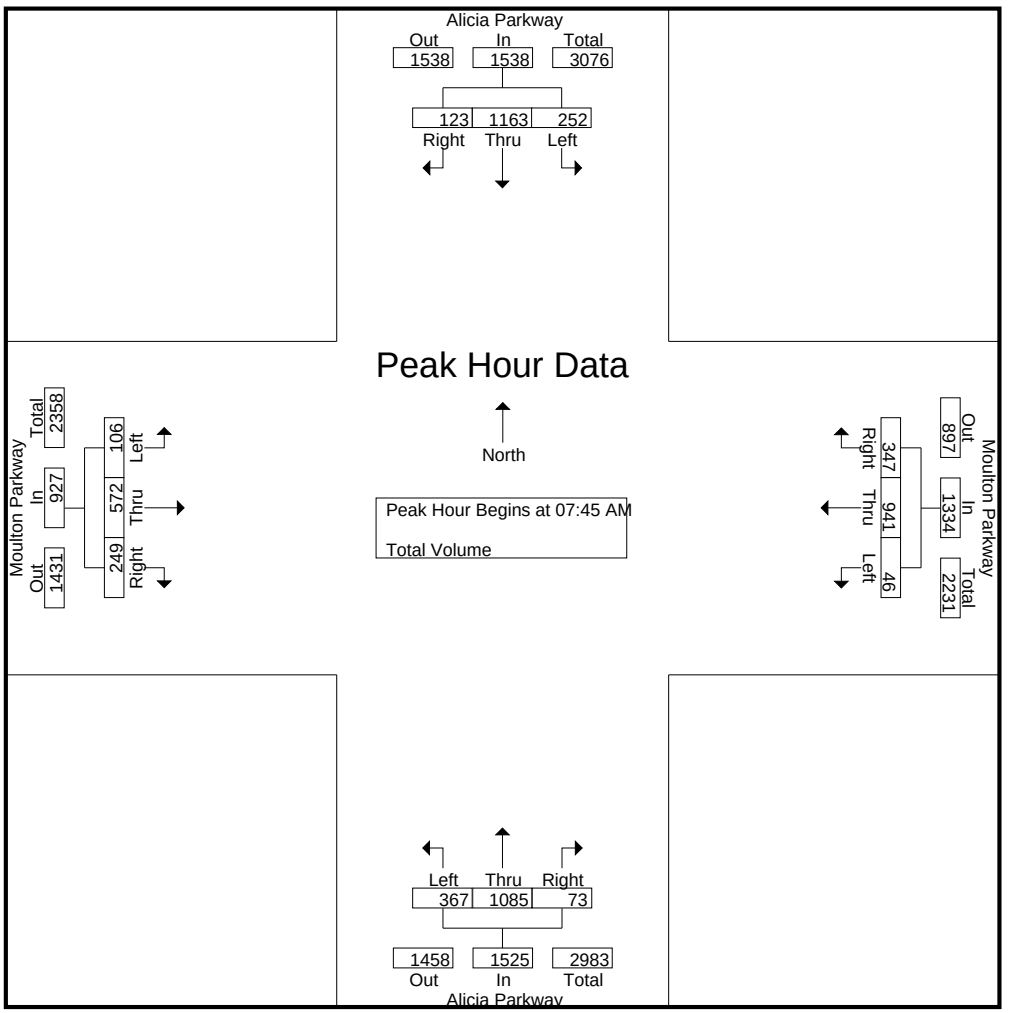
City of Laguna Hills
N/S: Alicia Parkway
E/W: Moulton Parkway
Weather: Clear

File Name : 436_LHS_Alicia_Moul AM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	57	296	26	379	9	247	89	345	**103**	**291**	**35**	**429**	**36**	157	55	248
+15 mins.	57	285	29	371	**15**	206	86	307	102	245	11	358	26	119	56	201
+30 mins.	63	**308**	**38**	**409**	11	**258**	**101**	**370**	89	267	14	370	30	123	60	213
+45 mins.	**75**	274	30	379	11	230	71	312	73	282	13	368	14	**173**	**78**	**265**
Total Volume	252	1163	123	1538	46	941	347	1334	367	1085	73	1525	106	572	249	927
% App. Total	16.4	75.6	8		3.4	70.5	26		24.1	71.1	4.8		11.4	61.7	26.9	
PHF	.840	.944	.809	.940	.767	.912	.859	.901	.891	.932	.521	.889	.736	.827	.798	.875

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Corona, CA 92878
(951) 268-6268

City of Laguna Hills
N/S: Alicia Parkway
E/W: Moulton Parkway
Weather: Clear

File Name : 436_LHS_Alicia_Moul PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Alicia Parkway Southbound				Moulton Parkway Westbound				Alicia Parkway Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	74	258	24	356	6	163	74	243	112	315	25	452	32	199	97	328	1379
04:15 PM	70	311	25	406	9	149	66	224	75	258	29	362	32	186	121	339	1331
04:30 PM	73	297	31	401	16	161	58	235	76	302	11	389	35	215	143	393	1418
04:45 PM	91	244	23	358	19	169	85	273	82	256	22	360	23	190	136	349	1340
Total	308	1110	103	1521	50	642	283	975	345	1131	87	1563	122	790	497	1409	5468
05:00 PM	82	278	19	379	23	143	129	295	103	279	19	401	34	245	140	419	1494
05:15 PM	84	251	29	364	19	163	99	281	75	303	20	398	30	234	148	412	1455
05:30 PM	87	285	30	402	14	153	93	260	86	264	14	364	27	228	92	347	1373
05:45 PM	84	247	34	365	8	160	97	265	90	248	15	353	38	183	110	331	1314
Total	337	1061	112	1510	64	619	418	1101	354	1094	68	1516	129	890	490	1509	5636
Grand Total	645	2171	215	3031	114	1261	701	2076	699	2225	155	3079	251	1680	987	2918	11104
Apprch %	21.3	71.6	7.1		5.5	60.7	33.8		22.7	72.3	5		8.6	57.6	33.8		
Total %	5.8	19.6	1.9	27.3	1	11.4	6.3	18.7	6.3	20	1.4	27.7	2.3	15.1	8.9	26.3	

	Alicia Parkway Southbound				Moulton Parkway Westbound				Alicia Parkway Northbound				Moulton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	73	**297**	**31**	**401**	16	161	58	235	76	302	11	389	**35**	215	143	393	1418
04:45 PM	**91**	244	23	358	19	**169**	85	273	82	256	**22**	360	23	190	136	349	1340
05:00 PM	82	278	19	379	**23**	143	**129**	**295**	**103**	279	19	**401**	34	**245**	140	**419**	**1494**
05:15 PM	84	251	29	364	19	163	99	281	75	**303**	20	398	30	234	**148**	412	1455
Total Volume	330	1070	102	1502	77	636	371	1084	336	1140	72	1548	122	884	567	1573	5707
% App. Total	22	71.2	6.8		7.1	58.7	34.2		21.7	73.6	4.7		7.8	56.2	36		
PHF	.907	.901	.823	.936	.837	.941	.719	.919	.816	.941	.818	.965	.871	.902	.958	.939	.955

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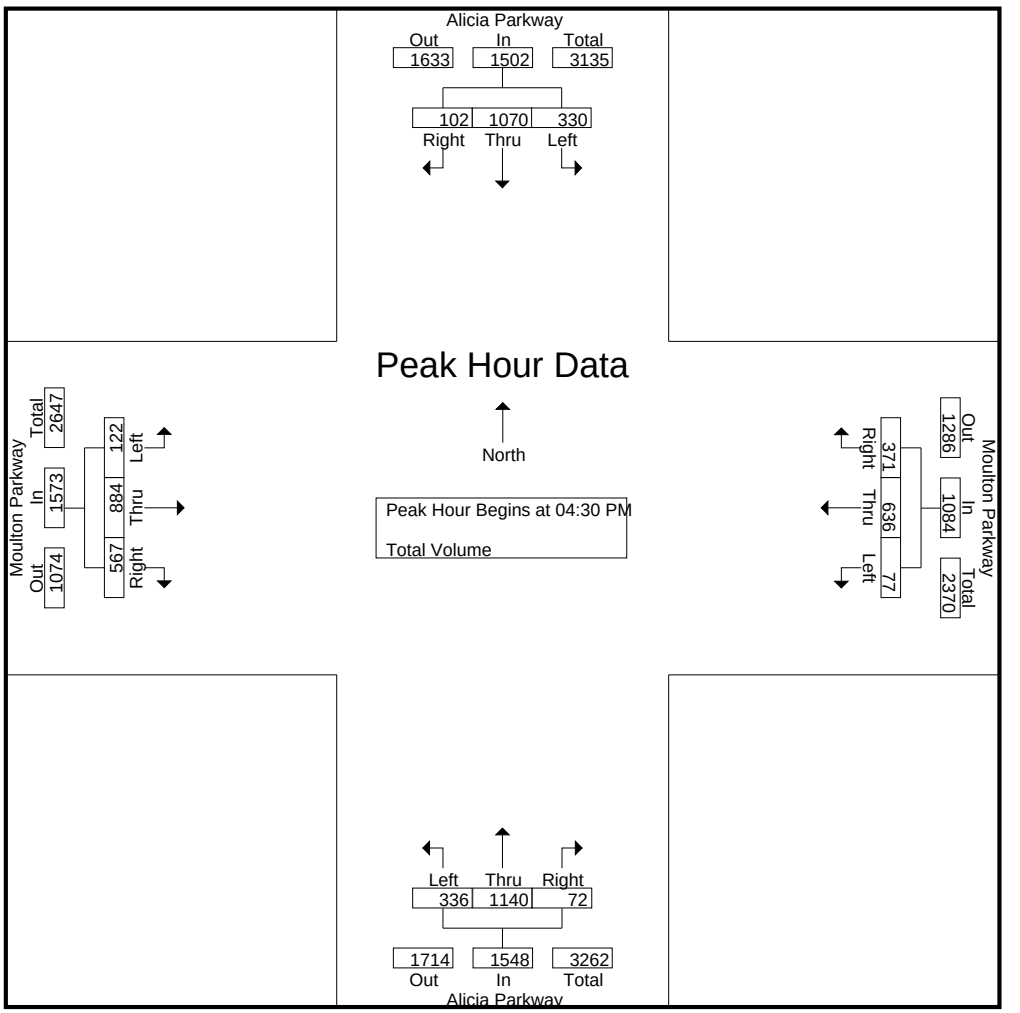
File Name : 436_LHS_Alicia_Moul PM3
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				04:00 PM				04:30 PM			
+0 mins.	70	**311**	25	**406**	19	**169**	85	273	**112**	**315**	25	**452**	**35**	215	143	393
+15 mins.	73	297	**31**	401	**23**	143	**129**	**295**	75	258	**29**	362	23	190	136	349
+30 mins.	**91**	244	23	358	19	163	99	281	76	302	11	389	34	**245**	140	**419**
+45 mins.	82	278	19	379	14	153	93	260	82	256	22	360	30	234	**148**	412
Total Volume	316	1130	98	1544	75	628	406	1109	345	1131	87	1563	122	884	567	1573
% App. Total	20.5	73.2	6.3		6.8	56.6	36.6		22.1	72.4	5.6		7.8	56.2	36	
PHF	.868	.908	.790	.951	.815	.929	.787	.940	.770	.898	.750	.864	.871	.902	.958	.939

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City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	48	10	65	0	7	0	7	1	91	4	96	1	2	0	3	171
07:15 AM	1	53	9	63	1	9	2	12	4	121	4	129	1	2	1	4	208
07:30 AM	1	81	9	91	2	7	1	10	1	113	12	126	1	2	0	3	230
07:45 AM	1	111	14	126	6	10	2	18	3	185	18	206	5	0	2	7	357
Total	10	293	42	345	9	33	5	47	9	510	38	557	8	6	3	17	966
08:00 AM	3	113	18	134	5	18	1	24	2	170	18	190	0	1	1	2	350
08:15 AM	4	100	19	123	4	8	4	16	4	181	23	208	3	7	0	10	357
08:30 AM	5	95	20	120	10	4	2	16	4	179	19	202	3	4	1	8	346
08:45 AM	2	84	13	99	7	12	1	20	5	156	11	172	1	4	0	5	296
Total	14	392	70	476	26	42	8	76	15	686	71	772	7	16	2	25	1349
Grand Total	24	685	112	821	35	75	13	123	24	1196	109	1329	15	22	5	42	2315
Apprch %	2.9	83.4	13.6		28.5	61	10.6		1.8	90	8.2		35.7	52.4	11.9		
Total %	1	29.6	4.8	35.5	1.5	3.2	0.6	5.3	1	51.7	4.7	57.4	0.6	1	0.2	1.8	

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	1	111	14	126	6	10	2	18	3	**185**	18	206	**5**	0	**2**	7	**357**
08:00 AM	3	**113**	18	**134**	5	**18**	1	**24**	2	170	18	190	0	1	1	2	350
08:15 AM	4	100	19	123	4	8	**4**	16	**4**	181	**23**	**208**	3	**7**	0	**10**	357
08:30 AM	**5**	95	**20**	120	**10**	4	2	16	4	179	19	202	3	4	1	8	346
Total Volume	13	419	71	503	25	40	9	74	13	715	78	806	11	12	4	27	1410
% App. Total	2.6	83.3	14.1		33.8	54.1	12.2		1.6	88.7	9.7		40.7	44.4	14.8		
PHF	.650	.927	.888	.938	.625	.556	.563	.771	.813	.966	.848	.969	.550	.429	.500	.675	.987

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City of Irvine
N/S: Irvine Center Drive
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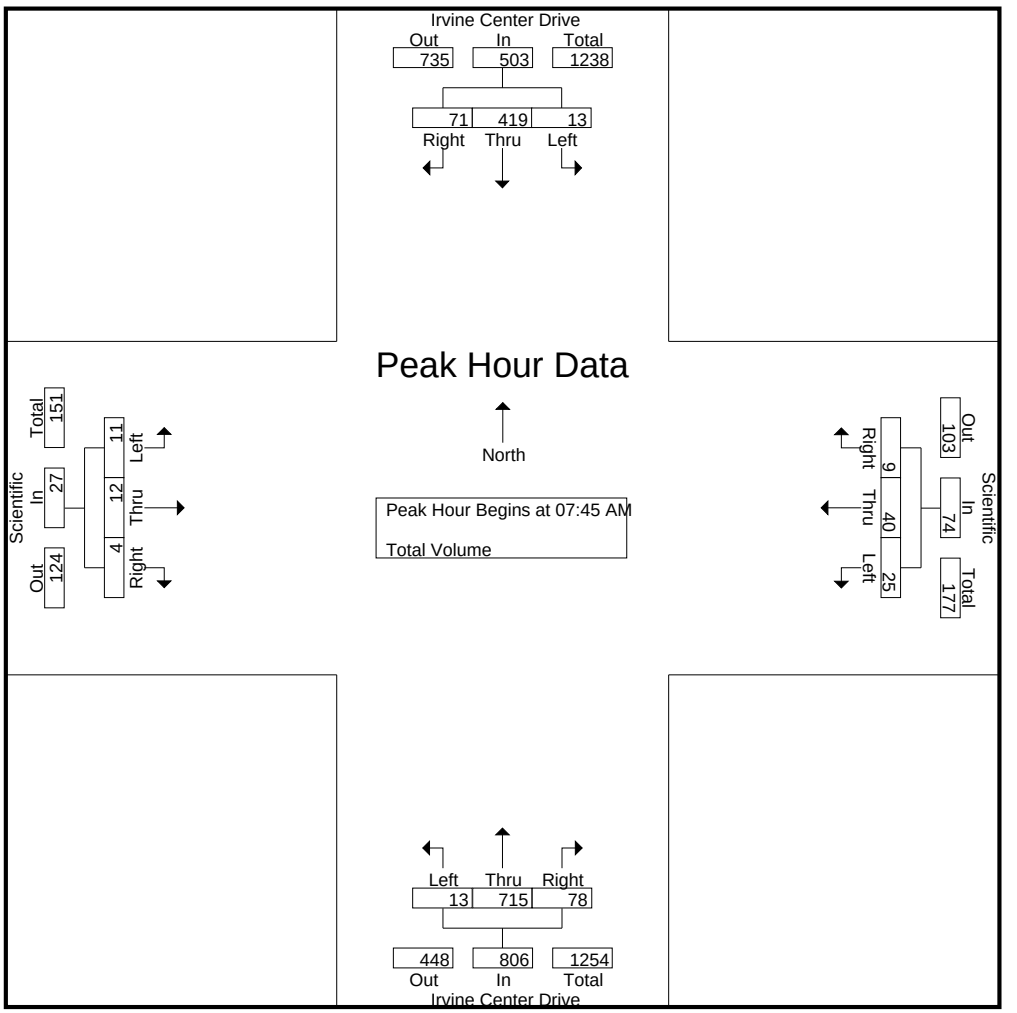
Weather: Clear

File Name : 437_IRV_ICD_Sci Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	1	111	14	126	5	**18**	1	**24**	3	**185**	18	206	**5**	0	**2**	7
+15 mins.	3	**113**	18	**134**	4	8	**4**	16	2	170	18	190	0	1	1	2
+30 mins.	4	100	19	123	**10**	4	2	16	**4**	181	**23**	**208**	3	**7**	0	**10**
+45 mins.	**5**	95	**20**	120	7	12	1	20	4	179	19	202	3	4	1	8
Total Volume	13	419	71	503	26	42	8	76	13	715	78	806	11	12	4	27
% App. Total	2.6	83.3	14.1		34.2	55.3	10.5		1.6	88.7	9.7		40.7	44.4	14.8	
PHF	.650	.927	.888	.938	.650	.583	.500	.792	.813	.966	.848	.969	.550	.429	.500	.675

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City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	4	154	4	162	9	5	1	15	0	148	11	159	5	7	3	15	351
04:15 PM	2	170	2	174	11	3	0	14	0	145	14	159	12	6	5	23	370
04:30 PM	3	179	5	187	13	5	1	19	4	136	16	156	5	4	6	15	377
04:45 PM	2	172	2	176	12	4	2	18	2	130	9	141	7	1	3	11	346
Total	11	675	13	699	45	17	4	66	6	559	50	615	29	18	17	64	1444
05:00 PM	3	200	0	203	10	9	9	28	4	176	16	196	16	14	9	39	466
05:15 PM	4	192	6	202	14	4	6	24	0	142	6	148	4	12	3	19	393
05:30 PM	2	207	0	209	12	5	3	20	0	162	12	174	6	3	6	15	418
05:45 PM	0	170	1	171	14	4	5	23	1	105	9	115	4	2	6	12	321
Total	9	769	7	785	50	22	23	95	5	585	43	633	30	31	24	85	1598
06:00 PM	2	135	1	138	6	4	3	13	2	110	4	116	3	6	0	9	276
06:15 PM	0	160	2	162	3	3	1	7	1	78	6	85	1	2	1	4	258
Grand Total	22	1739	23	1784	104	46	31	181	14	1332	103	1449	63	57	42	162	3576
Apprch %	1.2	97.5	1.3		57.5	25.4	17.1		1	91.9	7.1		38.9	35.2	25.9		
Total %	0.6	48.6	0.6	49.9	2.9	1.3	0.9	5.1	0.4	37.2	2.9	40.5	1.8	1.6	1.2	4.5	

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	2	172	2	176	12	4	2	18	2	130	9	141	7	1	3	11	346
05:00 PM	3	200	0	203	10	**9**	**9**	**28**	**4**	**176**	**16**	**196**	**16**	**14**	**9**	**39**	**466**
05:15 PM	**4**	192	**6**	202	**14**	4	6	24	0	142	6	148	4	12	3	19	393
05:30 PM	2	**207**	0	**209**	12	5	3	20	0	162	12	174	6	3	6	15	418
Total Volume	11	771	8	790	48	22	20	90	6	610	43	659	33	30	21	84	1623
% App. Total	1.4	97.6	1		53.3	24.4	22.2		0.9	92.6	6.5		39.3	35.7	25		
PHF	.688	.931	.333	.945	.857	.611	.556	.804	.375	.866	.672	.841	.516	.536	.583	.538	.871

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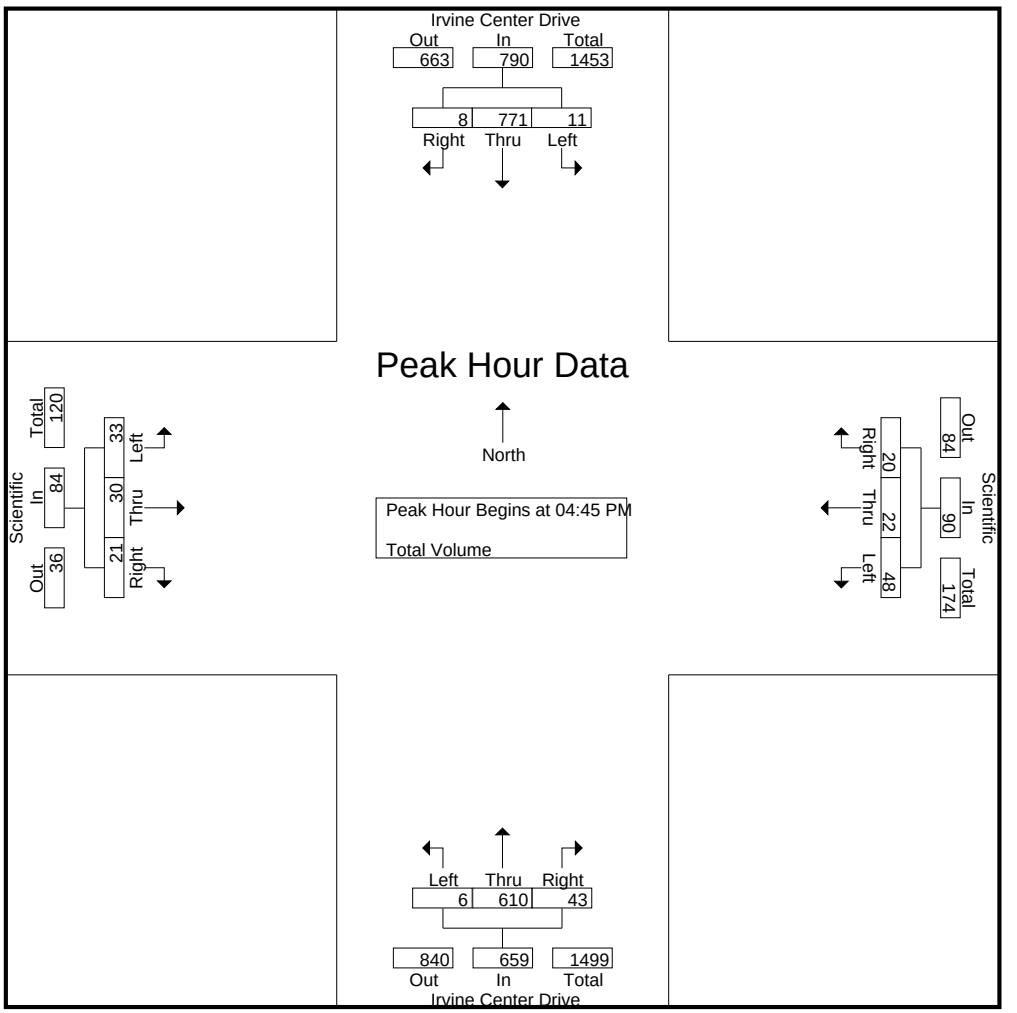
City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				04:45 PM				04:15 PM			
+0 mins.	2	172	2	176	10	**9**	**9**	**28**	2	130	9	141	12	6	5	23
+15 mins.	3	200	0	203	**14**	4	6	24	**4**	**176**	**16**	**196**	5	4	6	15
+30 mins.	**4**	192	**6**	202	12	5	3	20	0	142	6	148	7	1	3	11
+45 mins.	2	**207**	0	**209**	14	4	5	23	0	162	12	174	**16**	**14**	**9**	**39**
Total Volume	11	771	8	790	50	22	23	95	6	610	43	659	40	25	23	88
% App. Total	1.4	97.6	1		52.6	23.2	24.2		0.9	92.6	6.5		45.5	28.4	26.1	
PHF	.688	.931	.333	.945	.893	.611	.639	.848	.375	.866	.672	.841	.625	.446	.639	.564

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City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	56	12	72	1	4	2	7	1	65	1	67	1	2	1	4	150
07:15 AM	1	58	12	71	0	9	1	10	3	107	7	117	2	2	0	4	202
07:30 AM	1	84	12	97	4	5	0	9	1	122	14	137	1	5	0	6	249
07:45 AM	4	94	15	113	3	9	0	12	6	169	18	193	4	3	4	11	329
Total	10	292	51	353	8	27	3	38	11	463	40	514	8	12	5	25	930
08:00 AM	0	110	17	127	8	7	0	15	2	146	21	169	3	0	0	3	314
08:15 AM	5	90	20	115	2	12	1	15	4	179	20	203	7	3	0	10	343
08:30 AM	4	93	10	107	3	6	3	12	2	164	14	180	4	3	2	9	308
08:45 AM	3	87	14	104	4	13	0	17	2	156	7	165	4	3	0	7	293
Total	12	380	61	453	17	38	4	59	10	645	62	717	18	9	2	29	1258
Grand Total	22	672	112	806	25	65	7	97	21	1108	102	1231	26	21	7	54	2188
Apprch %	2.7	83.4	13.9		25.8	67	7.2		1.7	90	8.3		48.1	38.9	13		
Total %	1	30.7	5.1	36.8	1.1	3	0.3	4.4	1	50.6	4.7	56.3	1.2	1	0.3	2.5	

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	4	94	15	113	3	9	0	12	**6**	169	18	193	4	**3**	**4**	**11**	329
08:00 AM	0	**110**	17	**127**	**8**	7	0	**15**	2	146	**21**	169	3	0	0	3	314
08:15 AM	**5**	90	**20**	115	2	**12**	1	15	4	**179**	20	**203**	**7**	3	0	10	**343**
08:30 AM	4	93	10	107	3	6	**3**	12	2	164	14	180	4	3	2	9	308
Total Volume	13	387	62	462	16	34	4	54	14	658	73	745	18	9	6	33	1294
% App. Total	2.8	83.8	13.4		29.6	63	7.4		1.9	88.3	9.8		54.5	27.3	18.2		
PHF	.650	.880	.775	.909	.500	.708	.333	.900	.583	.919	.869	.917	.643	.750	.375	.750	.943

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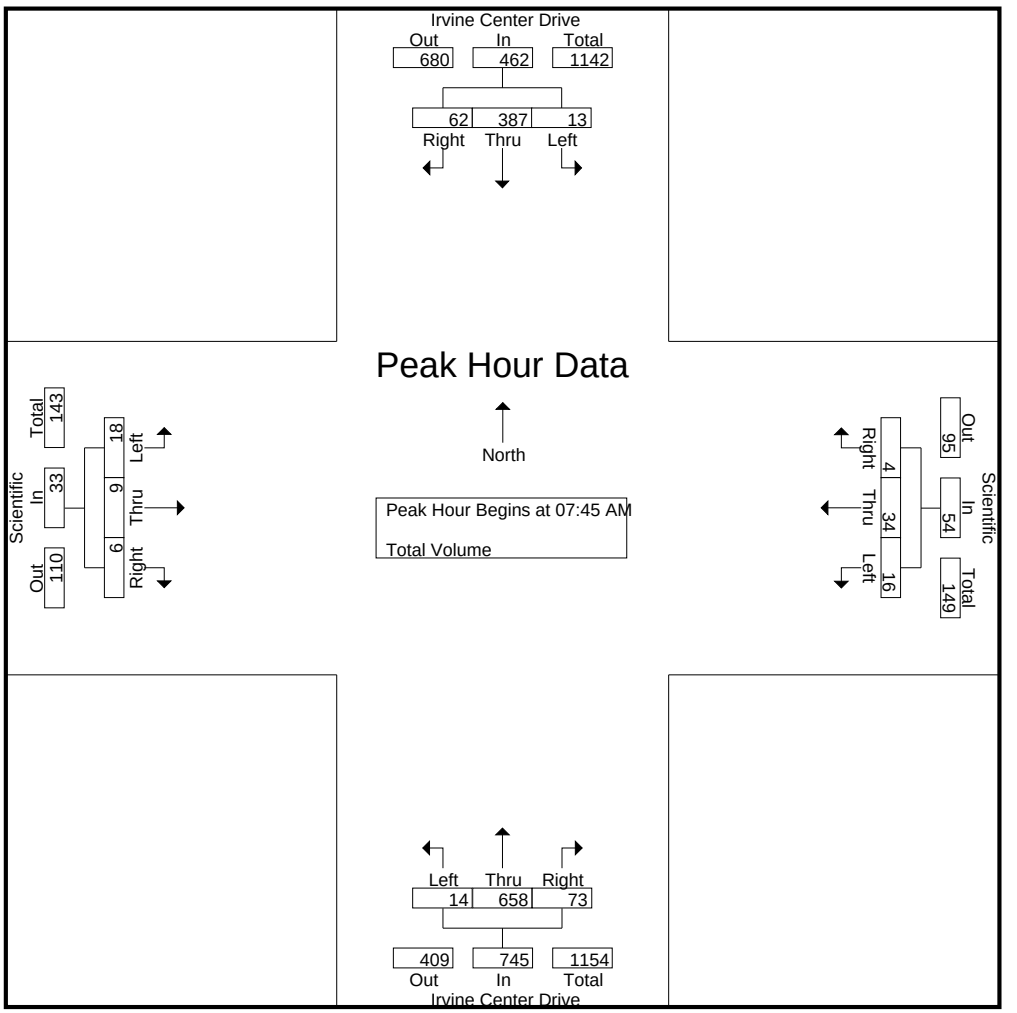
File Name : 437_IRV_ICD_Sci Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	4	94	15	113	**8**	7	0	15	**6**	169	18	193	4	**3**	**4**	**11**
+15 mins.	0	**110**	17	**127**	2	12	1	15	2	146	**21**	169	3	0	0	3
+30 mins.	**5**	90	**20**	115	3	6	**3**	12	4	**179**	20	**203**	**7**	3	0	10
+45 mins.	4	93	10	107	4	**13**	0	**17**	2	164	14	180	4	3	2	9
Total Volume	13	387	62	462	17	38	4	59	14	658	73	745	18	9	6	33
% App. Total	2.8	83.8	13.4		28.8	64.4	6.8		1.9	88.3	9.8		54.5	27.3	18.2	
PHF	.650	.880	.775	.909	.531	.731	.333	.868	.583	.919	.869	.917	.643	.750	.375	.750

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City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	170	3	173	5	6	1	12	8	151	23	182	11	9	7	27	394
04:15 PM	0	164	5	169	9	4	1	14	0	122	6	128	8	6	6	20	331
04:30 PM	3	177	1	181	8	4	1	13	2	134	14	150	10	3	3	16	360
04:45 PM	2	201	3	206	10	6	1	17	1	148	15	164	2	2	2	6	393
Total	5	712	12	729	32	20	4	56	11	555	58	624	31	20	18	69	1478
05:00 PM	3	166	1	170	12	0	7	19	2	165	23	190	10	16	6	32	411
05:15 PM	0	203	6	209	14	3	3	20	3	173	12	188	4	5	3	12	429
05:30 PM	4	176	5	185	12	0	3	15	0	143	17	160	4	5	6	15	375
05:45 PM	0	172	0	172	7	2	3	12	1	112	3	116	3	1	1	5	305
Total	7	717	12	736	45	5	16	66	6	593	55	654	21	27	16	64	1520
06:00 PM	2	128	4	134	11	7	0	18	1	99	8	108	2	5	1	8	268
06:15 PM	0	120	3	123	5	0	0	5	0	80	14	94	2	1	5	8	230
Grand Total	14	1677	31	1722	93	32	20	145	18	1327	135	1480	56	53	40	149	3496
Apprch %	0.8	97.4	1.8		64.1	22.1	13.8		1.2	89.7	9.1		37.6	35.6	26.8		
Total %	0.4	48	0.9	49.3	2.7	0.9	0.6	4.1	0.5	38	3.9	42.3	1.6	1.5	1.1	4.3	

	Irvine Center Drive Southbound				Scientific Westbound				Irvine Center Drive Northbound				Scientific Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	2	201	3	206	10	**6**	1	17	1	148	15	164	2	2	2	6	393
05:00 PM	3	166	1	170	12	0	**7**	19	2	165	**23**	**190**	**10**	**16**	**6**	**32**	411
05:15 PM	0	**203**	**6**	**209**	**14**	3	3	**20**	**3**	**173**	12	188	4	5	3	12	**429**
05:30 PM	**4**	176	5	185	12	0	3	15	0	143	17	160	4	5	6	15	375
Total Volume	9	746	15	770	48	9	14	71	6	629	67	702	20	28	17	65	1608
% App. Total	1.2	96.9	1.9		67.6	12.7	19.7		0.9	89.6	9.5		30.8	43.1	26.2		
PHF	.563	.919	.625	.921	.857	.375	.500	.888	.500	.909	.728	.924	.500	.438	.708	.508	.937

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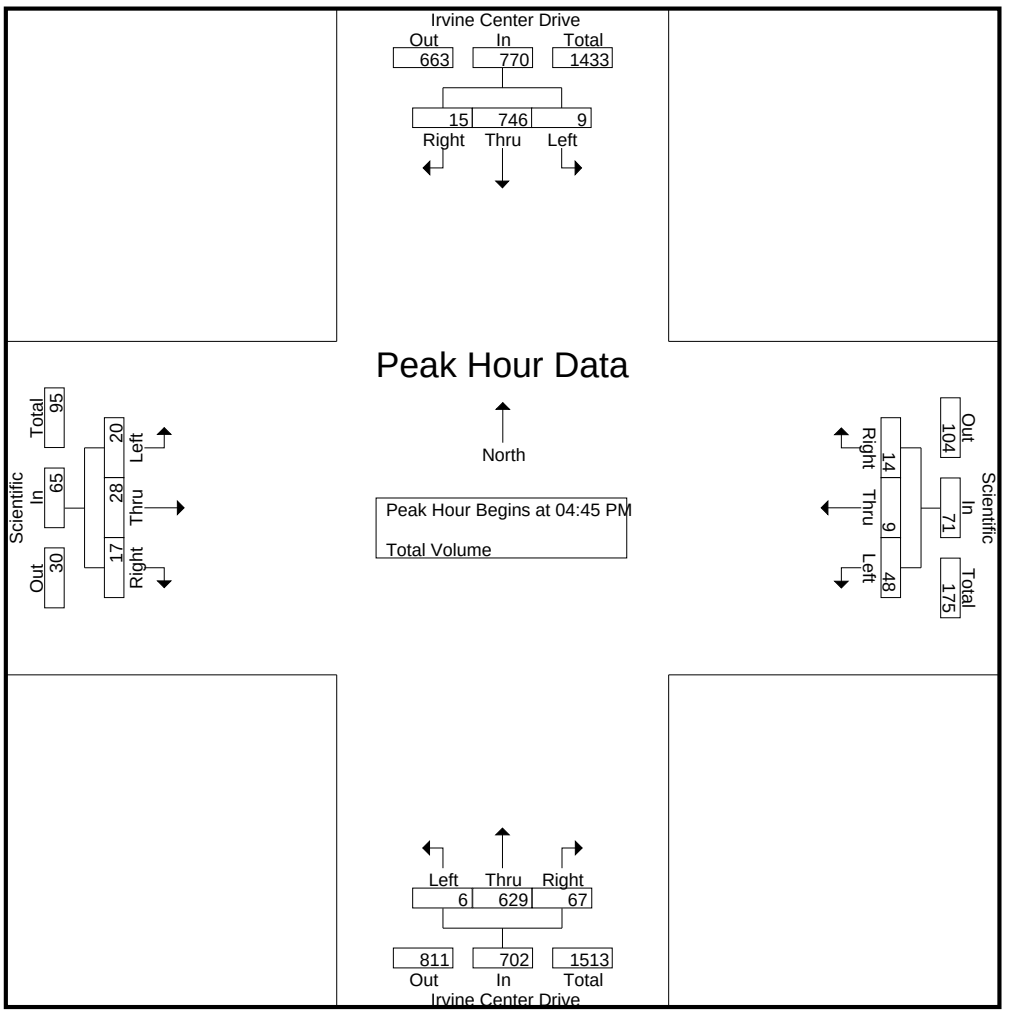
City of Irvine
N/S: Irvine Center Drive
E/W: Scientific
Weather: Clear

File Name : 437_IRV_ICD_Sci Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:15 PM			
+0 mins.	2	201	3	206	10	**6**	1	17	1	148	15	164	8	6	**6**	20
+15 mins.	3	166	1	170	12	0	**7**	19	2	165	**23**	**190**	**10**	3	3	16
+30 mins.	0	**203**	**6**	**209**	**14**	3	3	**20**	**3**	**173**	12	188	2	2	2	6
+45 mins.	**4**	176	5	185	12	0	3	15	0	143	17	160	10	**16**	6	**32**
Total Volume	9	746	15	770	48	9	14	71	6	629	67	702	30	27	17	74
% App. Total	1.2	96.9	1.9		67.6	12.7	19.7		0.9	89.6	9.5		40.5	36.5	23	
PHF	.563	.919	.625	.921	.857	.375	.500	.888	.500	.909	.728	.924	.750	.422	.708	.578

Location: Irvine
N/S: Irvine Center Drive
E/W: Scientific

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Scientific	South Leg Irvine Center Drive	West Leg Scientific	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	0	0	1
7:30 AM	0	3	0	0	3
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	0	0	0	0	0
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	5	0	1	6

	North Leg Irvine Center Drive	East Leg Scientific	South Leg Irvine Center Drive	West Leg Scientific	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	1	0	1	2
4:45 PM	0	1	0	1	2
5:00 PM	0	1	0	1	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	1	1
6:15 PM	0	0	0	2	2
TOTAL VOLUMES:	0	3	0	7	10

Location: Irvine
N/S: Irvine Center Drive
E/W: Scientific

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Center Drive			Westbound Scientific			Northbound Irvine Center Drive			Eastbound Scientific			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	1	0	0	0	0	2	0	0	0	0	3

	Southbound Irvine Center Drive			Westbound Scientific			Northbound Irvine Center Drive			Eastbound Scientific			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	1	1	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	1	0	0	0	0	1	1	0	0	2	6

Location: Irvine
N/S: Irvine Center Drive
E/W: Scientific

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Center Drive	East Leg Scientific	South Leg Irvine Center Drive	West Leg Scientific	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	0	0	0	1	1

	North Leg Irvine Center Drive	East Leg Scientific	South Leg Irvine Center Drive	West Leg Scientific	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	2	0	0	0	2
5:00 PM	0	0	0	1	1
5:15 PM	0	0	0	1	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	2	0	0	2	4

Location: Irvine
N/S: Irvine Center Drive
E/W: Scientific

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Center Drive			Westbound Scientific			Northbound Irvine Center Drive			Eastbound Scientific			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	0	0	0	0	0	0	0	2

	Southbound Irvine Center Drive			Westbound Scientific			Northbound Irvine Center Drive			Eastbound Scientific			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	1	0	0	0	1

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City of Irvine
N/S: Park Avenue
E/W: Jamboree Road Ramps
Weather: Clear

File Name : 441_IRV_PARK_JAMBR AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Park Avenue Southbound			Jamboree Road Ramps Westbound			Park Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	4	18	22	46	4	50	11	4	15	87
07:15 AM	7	14	21	58	3	61	8	4	12	94
07:30 AM	22	22	44	62	6	68	9	11	20	132
07:45 AM	15	16	31	93	2	95	4	2	6	132
Total	48	70	118	259	15	274	32	21	53	445
08:00 AM	8	16	24	98	7	105	11	4	15	144
08:15 AM	9	22	31	107	8	115	8	8	16	162
08:30 AM	10	21	31	97	4	101	8	5	13	145
08:45 AM	0	0	0	0	0	0	0	0	0	0
Total	27	59	86	302	19	321	27	17	44	451
Grand Total	75	129	204	561	34	595	59	38	97	896
Apprch %	36.8	63.2		94.3	5.7		60.8	39.2		
Total %	8.4	14.4	22.8	62.6	3.8	66.4	6.6	4.2	10.8	

	Park Avenue Southbound			Jamboree Road Ramps Westbound			Park Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	15	16	31	93	2	95	4	2	6	132
08:00 AM	8	16	24	98	7	105	11	4	15	144
08:15 AM	9	22	31	107	8	115	8	8	16	162
08:30 AM	10	21	31	97	4	101	8	5	13	145
Total Volume	42	75	117	395	21	416	31	19	50	583
% App. Total	35.9	64.1		95	5		62	38		
PHF	.700	.852	.944	.923	.656	.904	.705	.594	.781	.900

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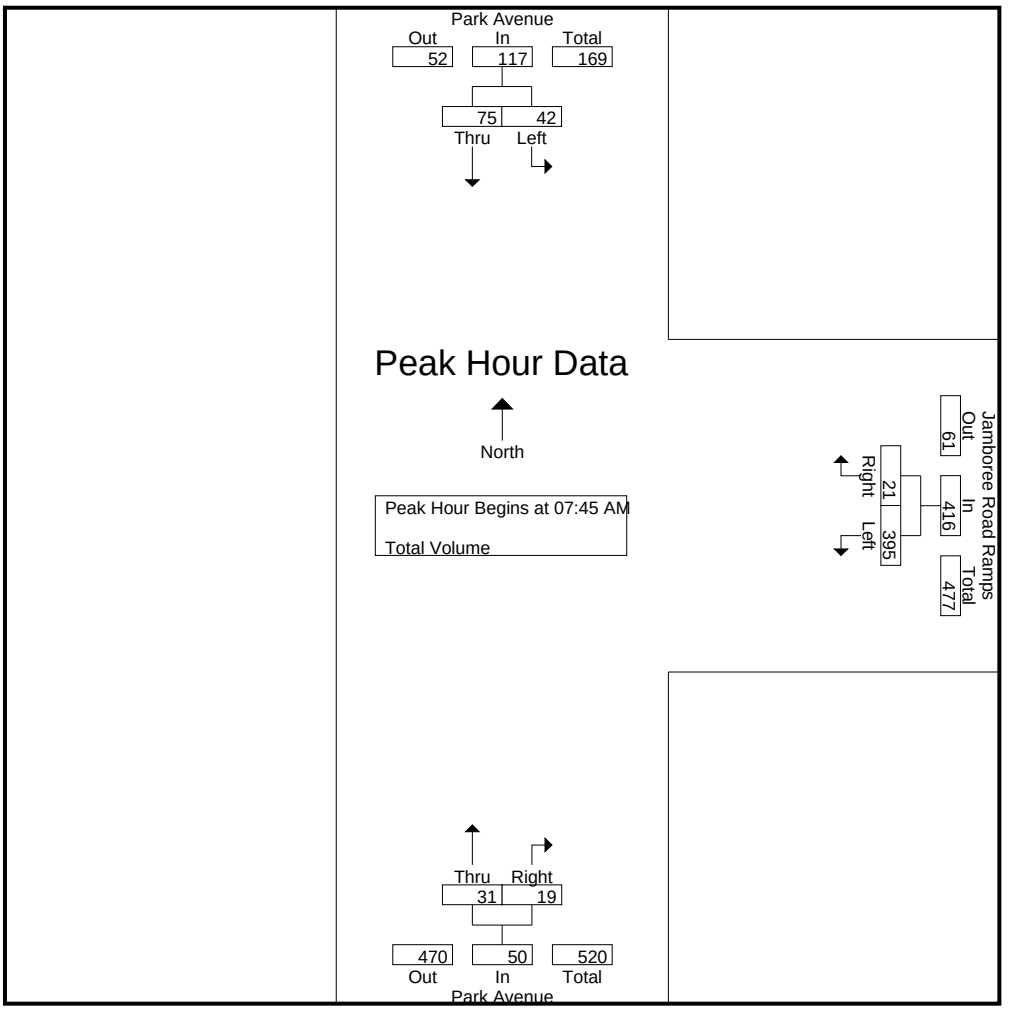
City of Irvine
N/S: Park Avenue
E/W: Jamboree Road Ramps
Weather: Clear

File Name : 441_IRV_PARK_JAMBR AM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:45 AM			07:30 AM		
+0 mins.	22	22	44	93	2	95	9	11	20
+15 mins.	15	16	31	98	7	105	4	2	6
+30 mins.	8	16	24	107	8	115	11	4	15
+45 mins.	9	22	31	97	4	101	8	8	16
Total Volume	54	76	130	395	21	416	32	25	57
% App. Total	41.5	58.5		95	5		56.1	43.9	
PHF	.614	.864	.739	.923	.656	.904	.727	.568	.713

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City of Irvine
N/S: Park Avenue
E/W: Jamboree Road Ramps
Weather: Clear

File Name : 441_IRV_PARK_JAMBR PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 1

Groups Printed- Total Volume

	Park Avenue Southbound			Jamboree Road Ramps Westbound			Park Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	9	12	21	103	5	108	5	5	10	139
04:15 PM	2	17	19	89	8	97	20	10	30	146
04:30 PM	9	17	26	106	10	116	32	16	48	190
04:45 PM	6	21	27	78	9	87	31	13	44	158
Total	26	67	93	376	32	408	88	44	132	633
05:00 PM	6	21	27	106	6	112	23	13	36	175
05:15 PM	1	18	19	106	6	112	31	11	42	173
05:30 PM	6	17	23	100	9	109	28	14	42	174
05:45 PM	4	19	23	102	7	109	33	13	46	178
Total	17	75	92	414	28	442	115	51	166	700
Grand Total	43	142	185	790	60	850	203	95	298	1333
Apprch %	23.2	76.8		92.9	7.1		68.1	31.9		
Total %	3.2	10.7	13.9	59.3	4.5	63.8	15.2	7.1	22.4	

	Park Avenue Southbound			Jamboree Road Ramps Westbound			Park Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	6	21	27	106	6	112	23	13	36	175
05:15 PM	1	18	19	106	6	112	31	11	42	173
05:30 PM	6	17	23	100	9	109	28	14	42	174
05:45 PM	4	19	23	102	7	109	33	13	46	178
Total Volume	17	75	92	414	28	442	115	51	166	700
% App. Total	18.5	81.5		93.7	6.3		69.3	30.7		
PHF	.708	.893	.852	.976	.778	.987	.871	.911	.902	.983

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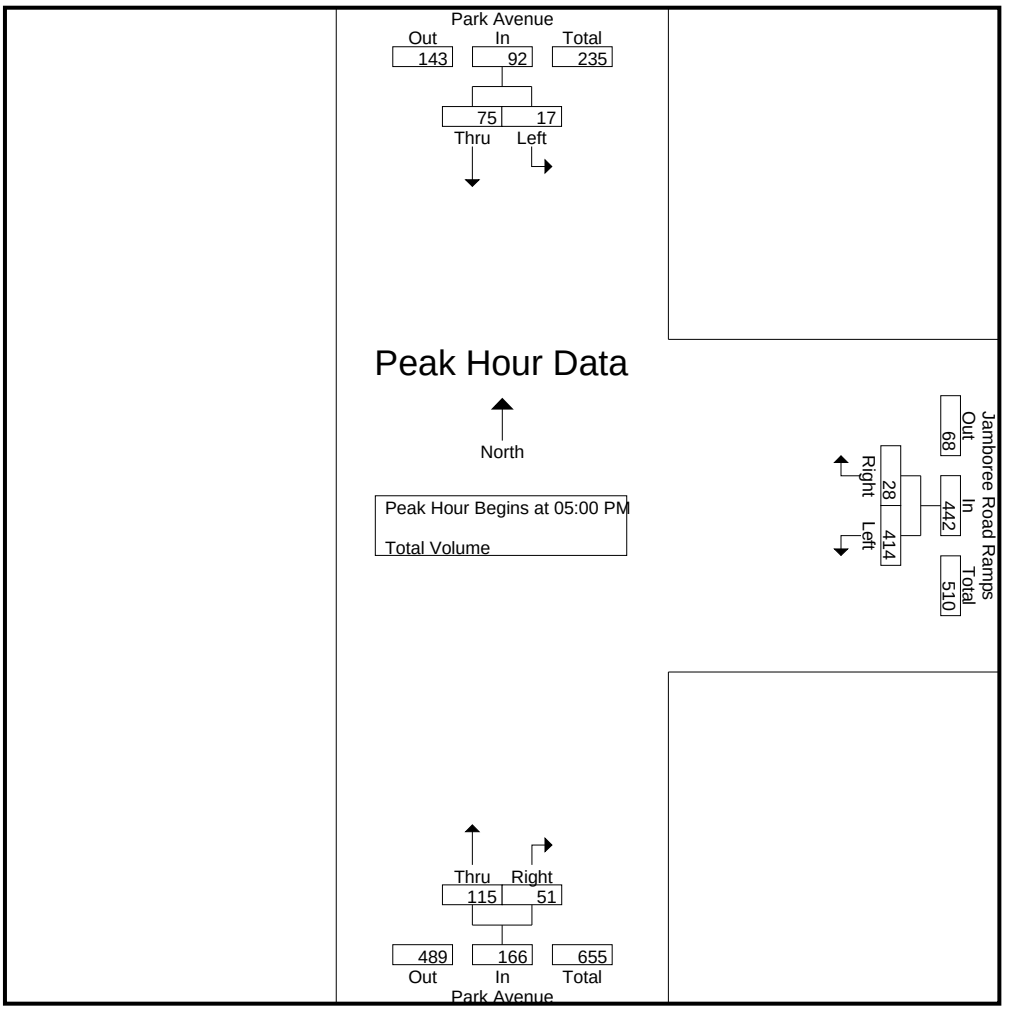
City of Irvine
N/S: Park Avenue
E/W: Jamboree Road Ramps
Weather: Clear

File Name : 441_IRV_PARK_JAMBR PM
Site Code : 05124139
Start Date : 2/13/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM			05:00 PM			04:30 PM		
+0 mins.	2	17	19	106	6	112	32	16	48
+15 mins.	9	17	26	106	6	112	31	13	44
+30 mins.	6	21	27	100	9	109	23	13	36
+45 mins.	6	21	27	102	7	109	31	11	42
Total Volume	23	76	99	414	28	442	117	53	170
% App. Total	23.2	76.8		93.7	6.3		68.8	31.2	
PHF	.639	.905	.917	.976	.778	.987	.914	.828	.885

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Progress/Burt Road
Weather: Clear

File Name : 444_IRV_SCYN_BURT AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Burt Road Westbound				Sand Canyon Avenue Northbound				Progress Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	17	399	7	423	7	0	5	12	3	77	9	89	3	1	4	8	532
07:15 AM	14	366	7	387	7	0	10	17	6	98	5	109	1	0	4	5	518
07:30 AM	10	537	5	552	14	0	6	20	8	154	7	169	0	0	1	1	742
07:45 AM	16	544	9	569	13	1	8	22	9	90	7	106	1	0	1	2	699
Total	57	1846	28	1931	41	1	29	71	26	419	28	473	5	1	10	16	2491
08:00 AM	9	585	4	598	7	1	11	19	3	124	12	139	3	0	2	5	761
08:15 AM	24	650	11	685	11	1	9	21	5	117	19	141	0	0	4	4	851
08:30 AM	26	600	12	638	10	3	15	28	9	151	16	176	4	0	1	5	847
08:45 AM	23	625	10	658	14	1	13	28	9	134	6	149	3	0	1	4	839
Total	82	2460	37	2579	42	6	48	96	26	526	53	605	10	0	8	18	3298
Grand Total	139	4306	65	4510	83	7	77	167	52	945	81	1078	15	1	18	34	5789
Apprch %	3.1	95.5	1.4		49.7	4.2	46.1		4.8	87.7	7.5		44.1	2.9	52.9		
Total %	2.4	74.4	1.1	77.9	1.4	0.1	1.3	2.9	0.9	16.3	1.4	18.6	0.3	0	0.3	0.6	

	Sand Canyon Avenue Southbound				Burt Road Westbound				Sand Canyon Avenue Northbound				Progress Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	585	4	598	7	1	11	19	3	124	12	139	3	0	2	5	761
08:15 AM	24	650	11	685	11	1	9	21	5	117	19	141	0	0	4	4	851
08:30 AM	26	600	12	638	10	3	15	28	9	151	16	176	4	0	1	5	847
08:45 AM	23	625	10	658	14	1	13	28	9	134	6	149	3	0	1	4	839
Total Volume	82	2460	37	2579	42	6	48	96	26	526	53	605	10	0	8	18	3298
% App. Total	3.2	95.4	1.4		43.8	6.2	50		4.3	86.9	8.8		55.6	0	44.4		
PHF	.788	.946	.771	.941	.750	.500	.800	.857	.722	.871	.697	.859	.625	.000	.500	.900	.969

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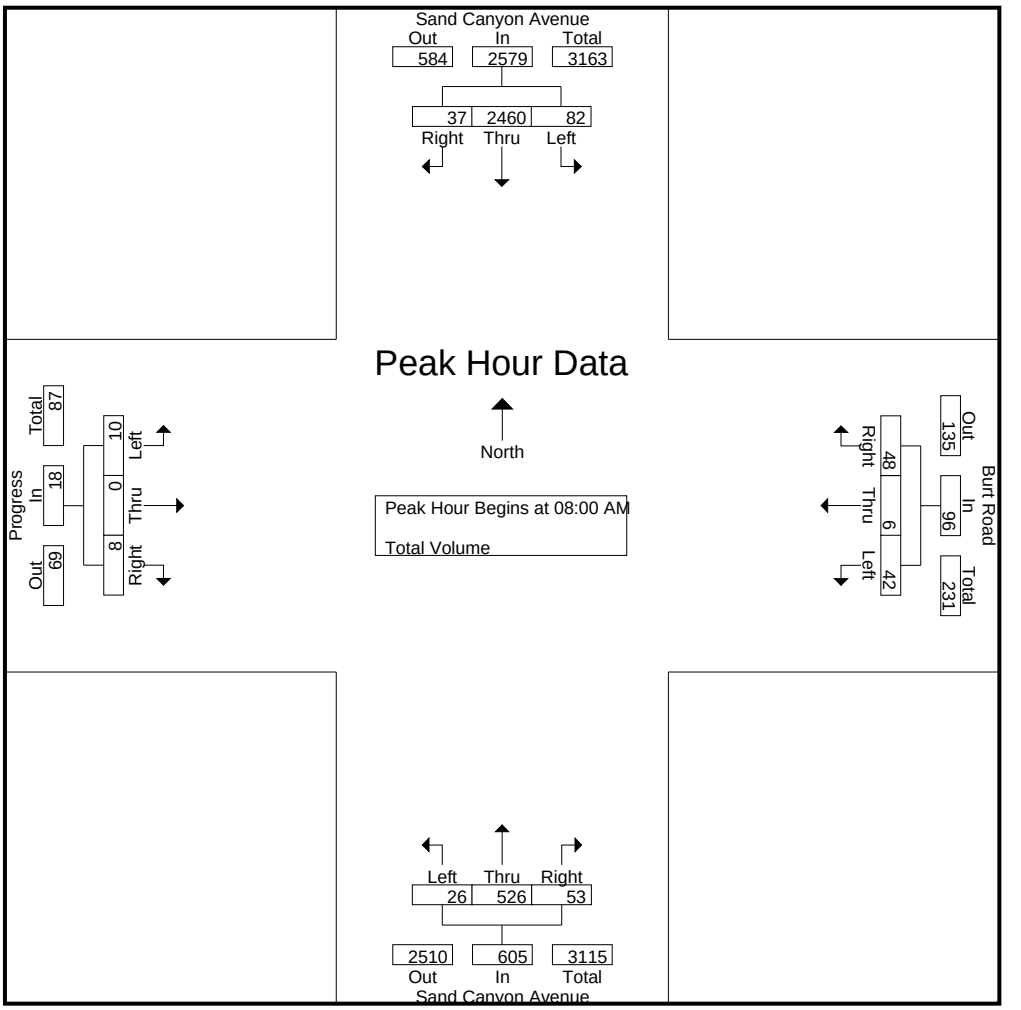
City of Irvine
N/S: Sand Canyon Avenue
E/W: Progress/Burt Road
Weather: Clear

File Name : 444_IRV_SCYN_BURT AM
Site Code : 05124139
Start Date : 2/8/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	9	585	4	598	7	1	11	19	3	124	12	139	3	0	2	5
+15 mins.	24	650	11	685	11	1	9	21	5	117	19	141	0	0	4	4
+30 mins.	26	600	12	638	10	3	15	28	9	151	16	176	4	0	1	5
+45 mins.	23	625	10	658	14	1	13	28	9	134	6	149	3	0	1	4
Total Volume	82	2460	37	2579	42	6	48	96	26	526	53	605	10	0	8	18
% App. Total	3.2	95.4	1.4		43.8	6.2	50		4.3	86.9	8.8		55.6	0	44.4	
PHF	.788	.946	.771	.941	.750	.500	.800	.857	.722	.871	.697	.859	.625	.000	.500	.900

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Progress/Burt Road
Weather: Clear

File Name : 444_IRV_SCYN_BURT PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Burt Road Westbound				Sand Canyon Avenue Northbound				Progress Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	27	251	1	279	12	0	35	47	3	464	14	481	13	0	13	26	833
04:15 PM	22	282	5	309	8	0	20	28	4	435	17	456	12	0	9	21	814
04:30 PM	26	272	5	303	9	0	19	28	2	424	12	438	12	2	8	22	791
04:45 PM	48	288	3	339	17	2	29	48	2	407	25	434	7	3	8	18	839
Total	123	1093	14	1230	46	2	103	151	11	1730	68	1809	44	5	38	87	3277
05:00 PM	29	222	8	259	21	0	50	71	2	425	9	436	31	1	13	45	811
05:15 PM	25	244	1	270	3	0	28	31	2	403	12	417	18	0	9	27	745
05:30 PM	24	269	2	295	12	0	18	30	3	427	16	446	20	0	6	26	797
05:45 PM	37	231	7	275	16	0	40	56	4	374	23	401	10	2	9	21	753
Total	115	966	18	1099	52	0	136	188	11	1629	60	1700	79	3	37	119	3106
Grand Total	238	2059	32	2329	98	2	239	339	22	3359	128	3509	123	8	75	206	6383
Apprch %	10.2	88.4	1.4		28.9	0.6	70.5		0.6	95.7	3.6		59.7	3.9	36.4		
Total %	3.7	32.3	0.5	36.5	1.5	0	3.7	5.3	0.3	52.6	2	55	1.9	0.1	1.2	3.2	

	Sand Canyon Avenue Southbound				Burt Road Westbound				Sand Canyon Avenue Northbound				Progress Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	27	251	1	279	12	0	35	47	3	464	14	481	13	0	13	26	833
04:15 PM	22	282	5	309	8	0	20	28	4	435	17	456	12	0	9	21	814
04:30 PM	26	272	5	303	9	0	19	28	2	424	12	438	12	2	8	22	791
04:45 PM	48	288	3	339	17	2	29	48	2	407	25	434	7	3	8	18	839
Total Volume	123	1093	14	1230	46	2	103	151	11	1730	68	1809	44	5	38	87	3277
% App. Total	10	88.9	1.1		30.5	1.3	68.2		0.6	95.6	3.8		50.6	5.7	43.7		
PHF	.641	.949	.700	.907	.676	.250	.736	.786	.688	.932	.680	.940	.846	.417	.731	.837	.976

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City of Irvine
N/S: Sand Canyon Avenue
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File Name : 444_IRV_SCYN_BURT PM
Site Code : 05124139
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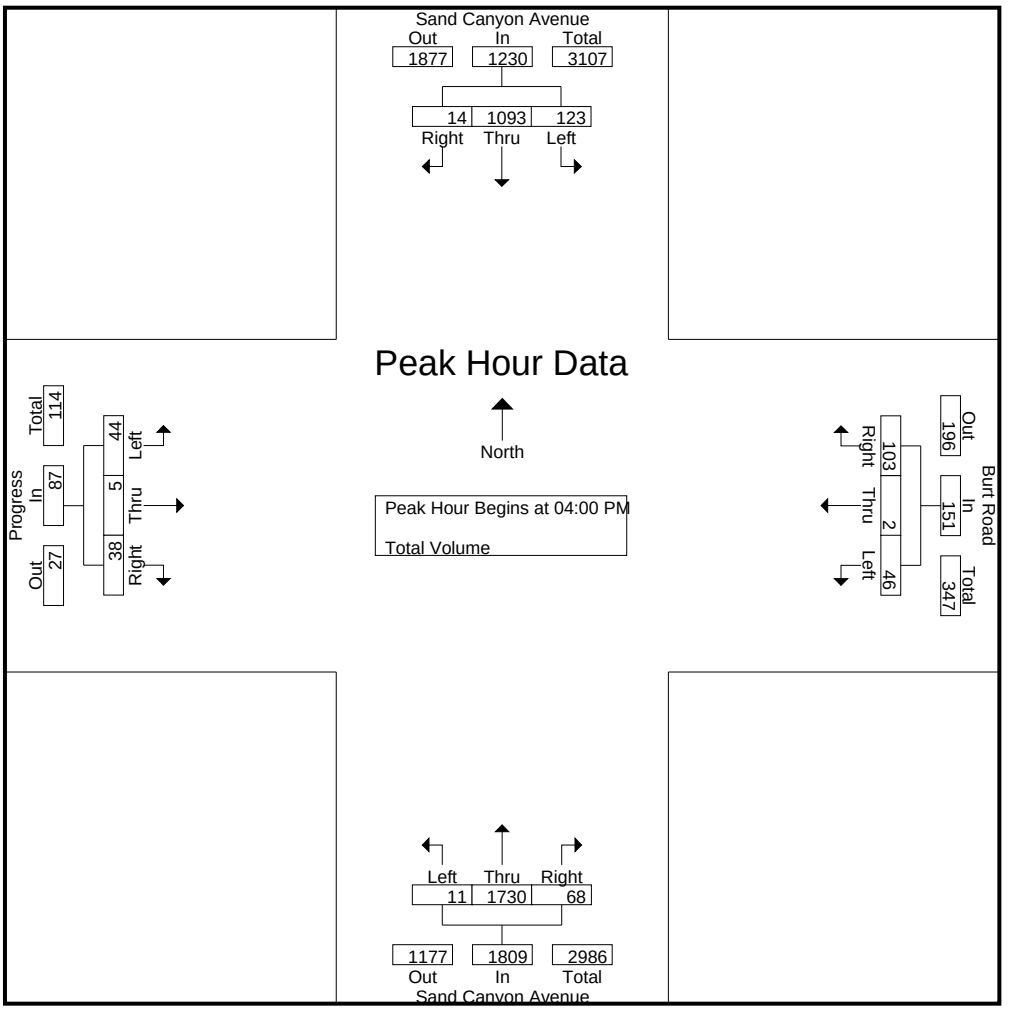

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:00 PM				05:00 PM			
+0 mins.	27	251	1	279	21	0	50	71	3	464	14	481	31	1	13	45
+15 mins.	22	282	5	309	3	0	28	31	4	435	17	456	18	0	9	27
+30 mins.	26	272	5	303	12	0	18	30	2	424	12	438	20	0	6	26
+45 mins.	48	288	3	339	16	0	40	56	2	407	25	434	10	2	9	21
Total Volume	123	1093	14	1230	52	0	136	188	11	1730	68	1809	79	3	37	119
% App. Total	10	88.9	1.1		27.7	0	72.3		0.6	95.6	3.8		66.4	2.5	31.1	
PHF	.641	.949	.700	.907	.619	.000	.680	.662	.688	.932	.680	.940	.637	.375	.712	.661

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City of Orange
N/S: Jamboree Road
E/W: Santiago Canyon Road
Weather: Clear

File Name : 452_ORN_Jam_San Cyn AM8
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound			Jamboree Road Northbound			Santiago Canyon Road Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	2	2	4	52	9	61	4	281	285	350
07:15 AM	1	1	2	63	8	71	5	335	340	413
07:30 AM	1	2	3	91	13	104	5	367	372	479
07:45 AM	7	1	8	91	19	110	8	349	357	475
Total	11	6	17	297	49	346	22	1332	1354	1717
08:00 AM	7	7	14	101	7	108	6	337	343	465
08:15 AM	2	2	4	117	12	129	9	330	339	472
08:30 AM	3	0	3	83	12	95	7	319	326	424
08:45 AM	5	2	7	95	9	104	9	239	248	359
Total	17	11	28	396	40	436	31	1225	1256	1720
Grand Total	28	17	45	693	89	782	53	2557	2610	3437
Apprch %	62.2	37.8		88.6	11.4		2	98		
Total %	0.8	0.5	1.3	20.2	2.6	22.8	1.5	74.4	75.9	

	Jamboree Road Southbound			Jamboree Road Northbound			Santiago Canyon Road Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	1	2	3	91	13	104	5	**367**	**372**	**479**
07:45 AM	**7**	1	8	91	**19**	110	8	349	357	475
08:00 AM	7	**7**	**14**	101	7	108	6	337	343	465
08:15 AM	2	2	4	**117**	12	**129**	**9**	330	339	472
Total Volume	17	12	29	400	51	451	28	1383	1411	1891
% App. Total	58.6	41.4		88.7	11.3		2	98		
PHF	.607	.429	.518	.855	.671	.874	.778	.942	.948	.987

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File Name : 452_ORN_Jam_San Cyn AM8
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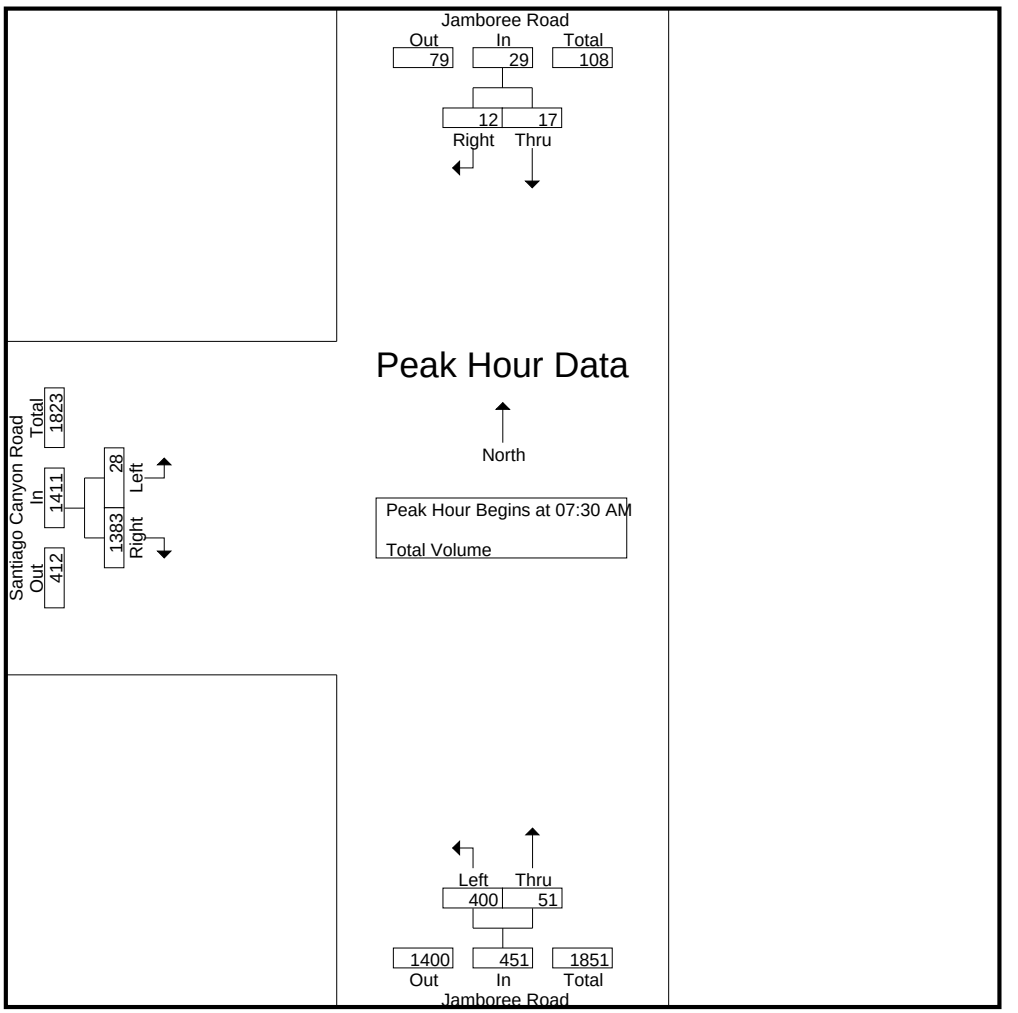

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:30 AM			07:15 AM		
+0 mins.	1	2	3	91	13	104	5	335	340
+15 mins.	**7**	1	8	91	**19**	110	5	**367**	**372**
+30 mins.	7	**7**	**14**	101	7	108	**8**	349	357
+45 mins.	2	2	4	**117**	12	**129**	6	337	343
Total Volume	17	12	29	400	51	451	24	1388	1412
% App. Total	58.6	41.4		88.7	11.3		1.7	98.3	
PHF	.607	.429	.518	.855	.671	.874	.750	.946	.949

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City of Orange
N/S: Jamboree Road
E/W: Santiago Canyon Road
Weather: Clear

File Name : 452_ORN_Jam_San Cyn PM8
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Jamboree Road Southbound			Jamboree Road Northbound			Santiago Canyon Road Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	20	16	36	332	13	345	11	81	92	473
04:15 PM	13	16	29	341	7	348	11	101	112	489
04:30 PM	16	12	28	454	9	463	7	124	131	622
04:45 PM	12	7	19	446	11	457	3	130	133	609
Total	61	51	112	1573	40	1613	32	436	468	2193
05:00 PM	15	14	29	455	3	458	7	144	151	638
05:15 PM	24	6	30	428	9	437	4	136	140	607
05:30 PM	11	17	28	478	9	487	2	131	133	648
05:45 PM	16	3	19	400	7	407	1	123	124	550
Total	66	40	106	1761	28	1789	14	534	548	2443
Grand Total	127	91	218	3334	68	3402	46	970	1016	4636
Apprch %	58.3	41.7		98	2		4.5	95.5		
Total %	2.7	2	4.7	71.9	1.5	73.4	1	20.9	21.9	

	Jamboree Road Southbound			Jamboree Road Northbound			Santiago Canyon Road Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	12	7	19	446	**11**	457	3	130	133	609
05:00 PM	15	14	29	455	3	458	**7**	**144**	**151**	638
05:15 PM	**24**	6	**30**	428	9	437	4	136	140	607
05:30 PM	11	**17**	28	**478**	9	**487**	2	131	133	**648**
Total Volume	62	44	106	1807	32	1839	16	541	557	2502
% App. Total	58.5	41.5		98.3	1.7		2.9	97.1		
PHF	.646	.647	.883	.945	.727	.944	.571	.939	.922	.965

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City of Orange
N/S: Jamboree Road
E/W: Santiago Canyon Road
Weather: Clear

File Name : 452_ORN_Jam_San Cyn PM8
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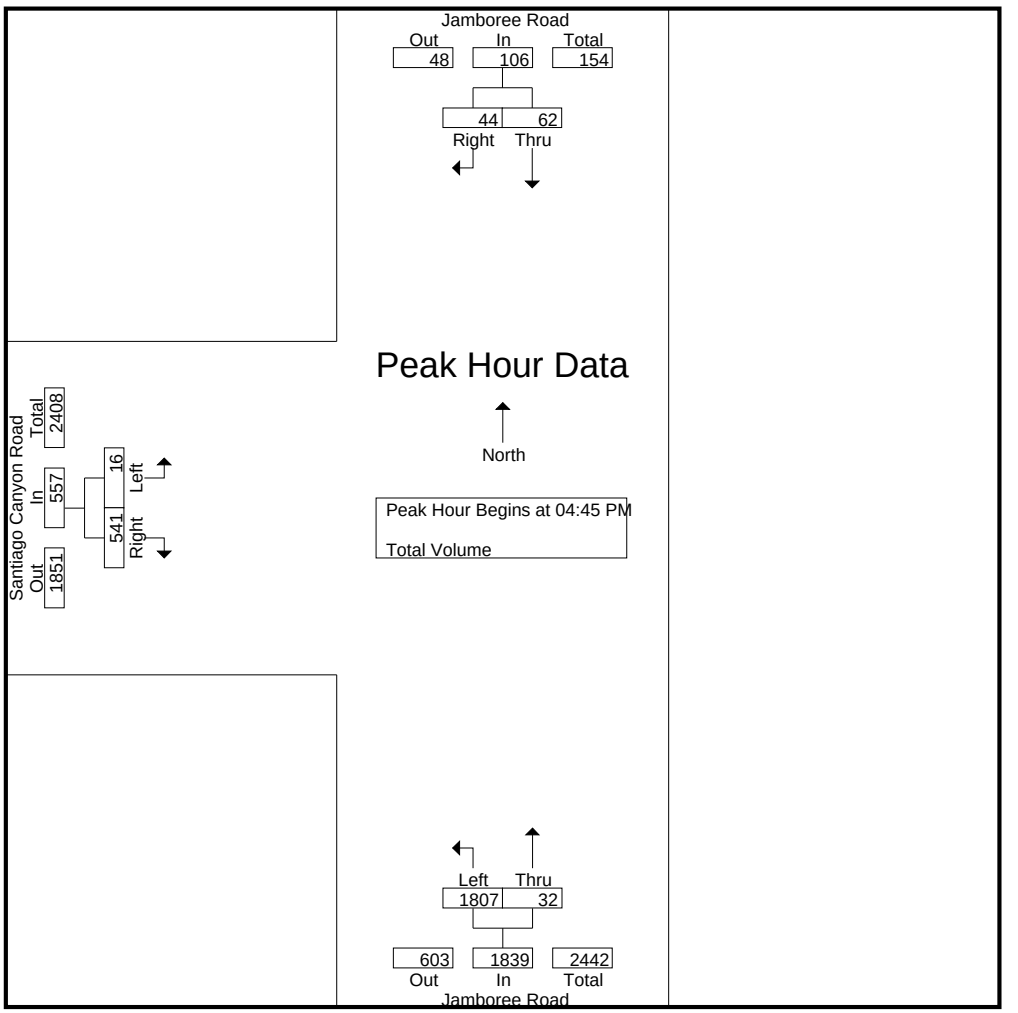

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:45 PM			04:45 PM		
+0 mins.	**20**	**16**	**36**	446	**11**	457	3	130	133
+15 mins.	13	16	29	455	3	458	**7**	**144**	**151**
+30 mins.	16	12	28	428	9	437	4	136	140
+45 mins.	12	7	19	**478**	9	**487**	2	131	133
Total Volume	61	51	112	1807	32	1839	16	541	557
% App. Total	54.5	45.5		98.3	1.7		2.9	97.1	
PHF	.763	.797	.778	.945	.727	.944	.571	.939	.922

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City of Orange
N/S: Jamboree Road
E/W: Chapman Ave/Santiago Cyn Rd
Weather: Clear

File Name : 463_ORC_JAM_CHAP AM
Site Code : 05124139
Start Date : 2/8/2024
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Groups Printed- Total Volume

	Jamboree Road Southbound				Santiago Canyon Road Westbound				Jamboree Road Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	88	156	2	246	55	41	40	136	10	16	34	60	4	85	25	114	556
07:15 AM	125	210	1	336	44	48	32	124	14	28	45	87	9	95	21	125	672
07:30 AM	150	200	4	354	48	71	53	172	18	46	36	100	8	136	34	178	804
07:45 AM	184	201	3	388	44	94	49	187	30	41	54	125	11	124	26	161	861
Total	547	767	10	1324	191	254	174	619	72	131	169	372	32	440	106	578	2893
08:00 AM	128	166	9	303	45	83	53	181	23	53	48	124	5	138	21	164	772
08:15 AM	164	164	1	329	40	88	81	209	27	39	46	112	5	159	25	189	839
08:30 AM	151	168	3	322	39	74	45	158	25	40	47	112	9	136	23	168	760
08:45 AM	109	152	7	268	36	61	63	160	27	35	38	100	5	110	19	134	662
Total	552	650	20	1222	160	306	242	708	102	167	179	448	24	543	88	655	3033
Grand Total	1099	1417	30	2546	351	560	416	1327	174	298	348	820	56	983	194	1233	5926
Apprch %	43.2	55.7	1.2		26.5	42.2	31.3		21.2	36.3	42.4		4.5	79.7	15.7		
Total %	18.5	23.9	0.5	43	5.9	9.4	7	22.4	2.9	5	5.9	13.8	0.9	16.6	3.3	20.8	

	Jamboree Road Southbound				Santiago Canyon Road Westbound				Jamboree Road Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	150	200	4	354	48	71	53	172	18	46	36	100	8	136	34	178	804
07:45 AM	184	201	3	388	44	94	49	187	30	41	54	125	11	124	26	161	861
08:00 AM	128	166	9	303	45	83	53	181	23	53	48	124	5	138	21	164	772
08:15 AM	164	164	1	329	40	88	81	209	27	39	46	112	5	159	25	189	839
Total Volume	626	731	17	1374	177	336	236	749	98	179	184	461	29	557	106	692	3276
% App. Total	45.6	53.2	1.2		23.6	44.9	31.5		21.3	38.8	39.9		4.2	80.5	15.3		
PHF	.851	.909	.472	.885	.922	.894	.728	.896	.817	.844	.852	.922	.659	.876	.779	.915	.951

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City of Orange
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File Name : 463_ORC_JAM_CHAP AM
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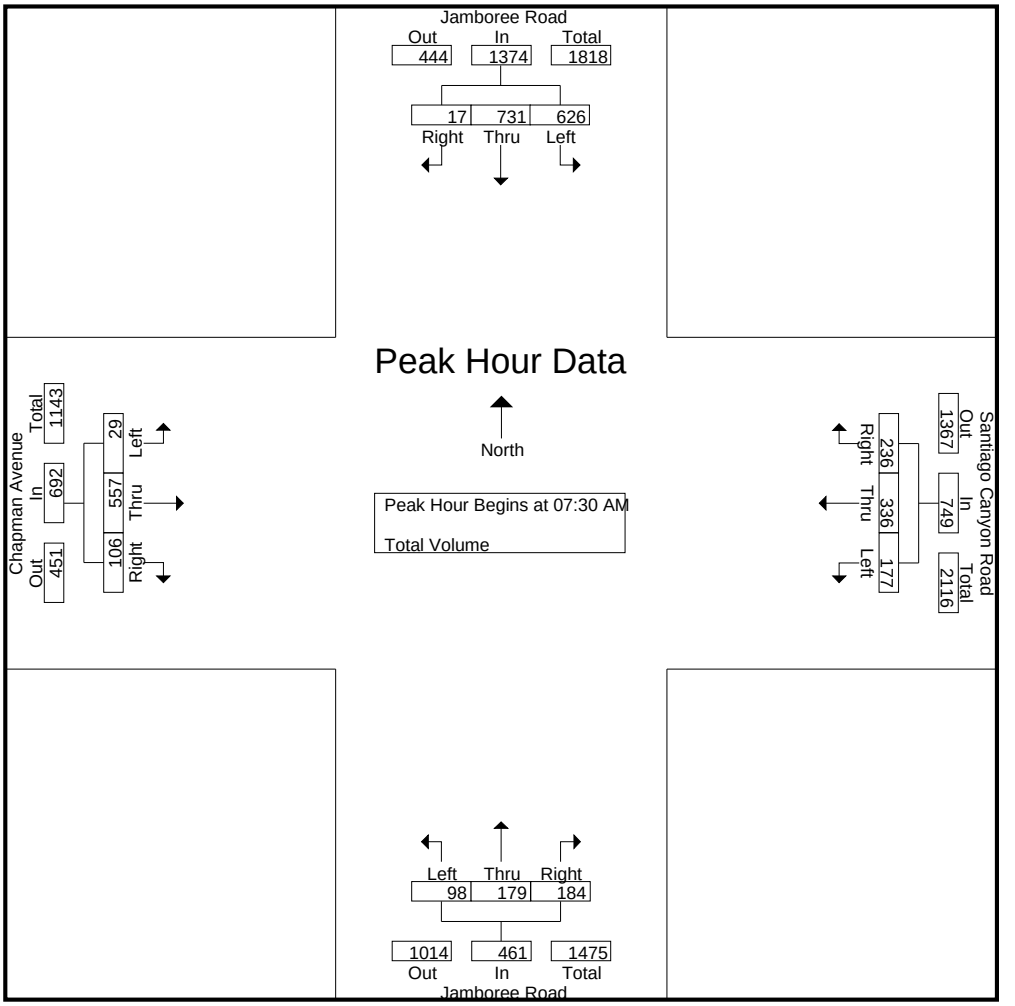

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	125	210	1	336	48	71	53	172	30	41	54	125	8	136	34	178
+15 mins.	150	200	4	354	44	94	49	187	23	53	48	124	11	124	26	161
+30 mins.	184	201	3	388	45	83	53	181	27	39	46	112	5	138	21	164
+45 mins.	128	166	9	303	40	88	81	209	25	40	47	112	5	159	25	189
Total Volume	587	777	17	1381	177	336	236	749	105	173	195	473	29	557	106	692
% App. Total	42.5	56.3	1.2		23.6	44.9	31.5		22.2	36.6	41.2		4.2	80.5	15.3	
PHF	.798	.925	.472	.890	.922	.894	.728	.896	.875	.816	.903	.946	.659	.876	.779	.915

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City of Orange
N/S: Jamboree Road
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Weather: Clear

File Name : 463_ORC_JAM_CHAP PM
Site Code : 05124139
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Groups Printed- Total Volume

	Jamboree Road Southbound				Santiago Canyon Road Westbound				Jamboree Road Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	36	50	4	90	39	150	138	327	53	211	26	290	9	76	23	108	815
04:15 PM	47	62	8	117	38	180	153	371	57	168	34	259	4	76	20	100	847
04:30 PM	73	64	12	149	39	191	216	446	58	262	37	357	6	73	21	100	1052
04:45 PM	66	69	8	143	36	170	215	421	62	230	20	312	8	59	13	80	956
Total	222	245	32	499	152	691	722	1565	230	871	117	1218	27	284	77	388	3670
05:00 PM	61	66	6	133	51	199	196	446	51	244	49	344	5	83	11	99	1022
05:15 PM	84	83	12	179	45	205	192	442	52	252	33	337	5	90	11	106	1064
05:30 PM	69	70	7	146	51	223	220	494	55	245	32	332	7	90	22	119	1091
05:45 PM	58	70	7	135	49	139	169	357	53	230	32	315	4	74	21	99	906
Total	272	289	32	593	196	766	777	1739	211	971	146	1328	21	337	65	423	4083
Grand Total	494	534	64	1092	348	1457	1499	3304	441	1842	263	2546	48	621	142	811	7753
Apprch %	45.2	48.9	5.9		10.5	44.1	45.4		17.3	72.3	10.3		5.9	76.6	17.5		
Total %	6.4	6.9	0.8	14.1	4.5	18.8	19.3	42.6	5.7	23.8	3.4	32.8	0.6	8	1.8	10.5	

	Jamboree Road Southbound				Santiago Canyon Road Westbound				Jamboree Road Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	66	69	8	143	36	170	215	421	62	230	20	312	8	59	13	80	956
05:00 PM	61	66	6	133	51	199	196	446	51	244	49	344	5	83	11	99	1022
05:15 PM	84	83	12	179	45	205	192	442	52	252	33	337	5	90	11	106	1064
05:30 PM	69	70	7	146	51	223	220	494	55	245	32	332	7	90	22	119	1091
Total Volume	280	288	33	601	183	797	823	1803	220	971	134	1325	25	322	57	404	4133
% App. Total	46.6	47.9	5.5		10.1	44.2	45.6		16.6	73.3	10.1		6.2	79.7	14.1		
PHF	.833	.867	.688	.839	.897	.893	.935	.912	.887	.963	.684	.963	.781	.894	.648	.849	.947

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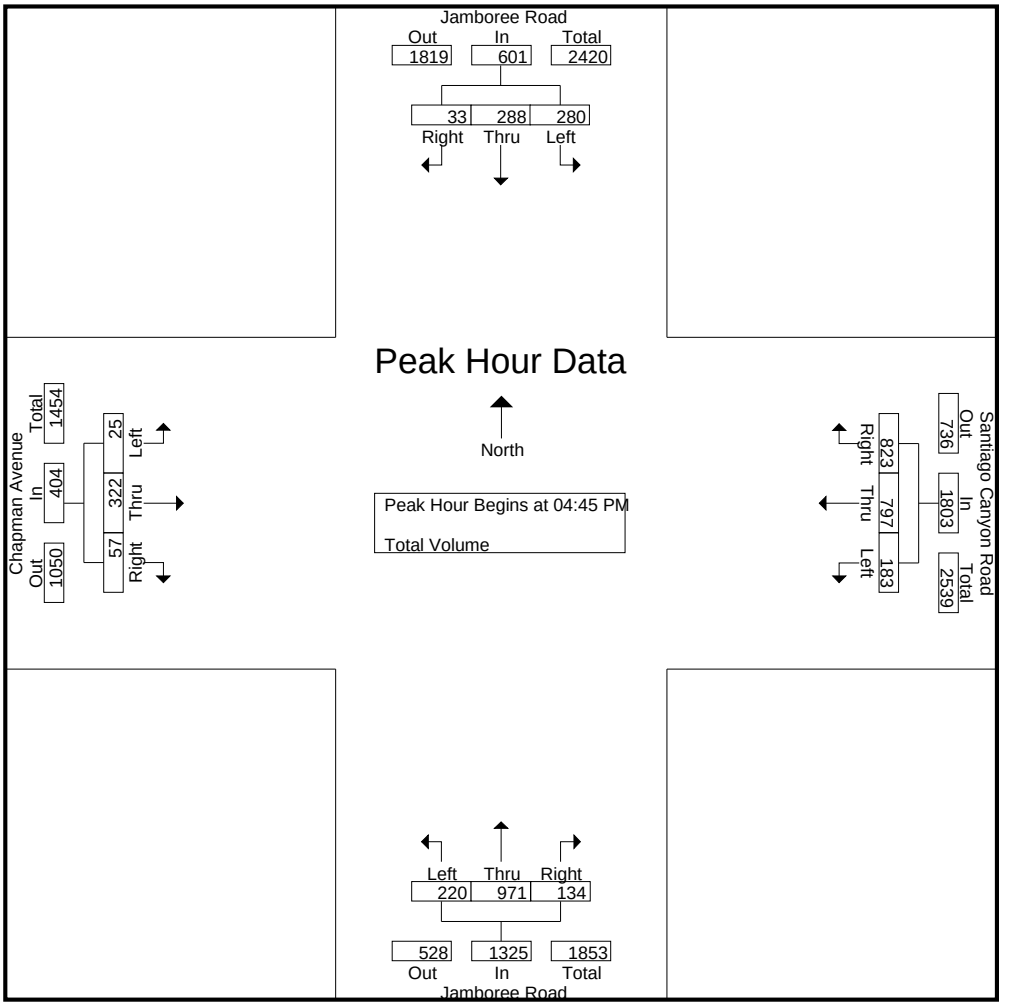

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				04:30 PM				05:00 PM			
+0 mins.	73	64	12	149	36	170	215	421	58	262	37	357	5	83	11	99
+15 mins.	66	69	8	143	51	199	196	446	62	230	20	312	5	90	11	106
+30 mins.	61	66	6	133	45	205	192	442	51	244	49	344	7	90	22	119
+45 mins.	84	83	12	179	51	223	220	494	52	252	33	337	4	74	21	99
Total Volume	284	282	38	604	183	797	823	1803	223	988	139	1350	21	337	65	423
% App. Total	47	46.7	6.3		10.1	44.2	45.6		16.5	73.2	10.3		5	79.7	15.4	
PHF	.845	.849	.792	.844	.897	.893	.935	.912	.899	.943	.709	.945	.750	.936	.739	.889

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Orange
N/S: SR-241/SR261 SB Ramps
E/W: Santiago Canyon Road
Weather: Clear

File Name : 464_ORC_241-261S_SCR AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	SR-241 Southbound Off Ramp Southbound				Santiago Canyon Road Westbound				SR-261 Southbound On Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	0	52	65	6	78	0	84	0	0	0	0	0	178	23	201	350
07:15 AM	9	0	51	60	12	80	0	92	0	0	0	0	0	219	43	262	414
07:30 AM	16	1	66	83	11	136	0	147	0	0	0	0	0	255	45	300	530
07:45 AM	10	0	52	62	14	125	0	139	0	0	0	0	0	295	63	358	559
Total	48	1	221	270	43	419	0	462	0	0	0	0	0	947	174	1121	1853
08:00 AM	14	0	60	74	12	140	0	152	0	0	0	0	0	265	75	340	566
08:15 AM	9	0	58	67	17	133	0	150	0	0	0	0	0	296	66	362	579
08:30 AM	10	1	48	59	16	122	0	138	0	0	0	0	0	252	76	328	525
08:45 AM	19	1	45	65	10	111	0	121	0	0	0	0	0	212	45	257	443
Total	52	2	211	265	55	506	0	561	0	0	0	0	0	1025	262	1287	2113
Grand Total	100	3	432	535	98	925	0	1023	0	0	0	0	0	1972	436	2408	3966
Apprch %	18.7	0.6	80.7		9.6	90.4	0		0	0	0		0	81.9	18.1		
Total %	2.5	0.1	10.9	13.5	2.5	23.3	0	25.8	0	0	0	0	0	49.7	11	60.7	

	SR-241 Southbound Off Ramp Southbound				Santiago Canyon Road Westbound				SR-261 Southbound On Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	16	1	66	83	11	136	0	147	0	0	0	0	0	255	45	300	530
07:45 AM	10	0	52	62	14	125	0	139	0	0	0	0	0	295	63	358	559
08:00 AM	14	0	60	74	12	140	0	152	0	0	0	0	0	265	75	340	566
08:15 AM	9	0	58	67	17	133	0	150	0	0	0	0	0	296	66	362	579
Total Volume	49	1	236	286	54	534	0	588	0	0	0	0	0	1111	249	1360	2234
% App. Total	17.1	0.3	82.5		9.2	90.8	0		0	0	0		0	81.7	18.3		
PHF	.766	.250	.894	.861	.794	.954	.000	.967	.000	.000	.000	.000	.000	.938	.830	.939	.965

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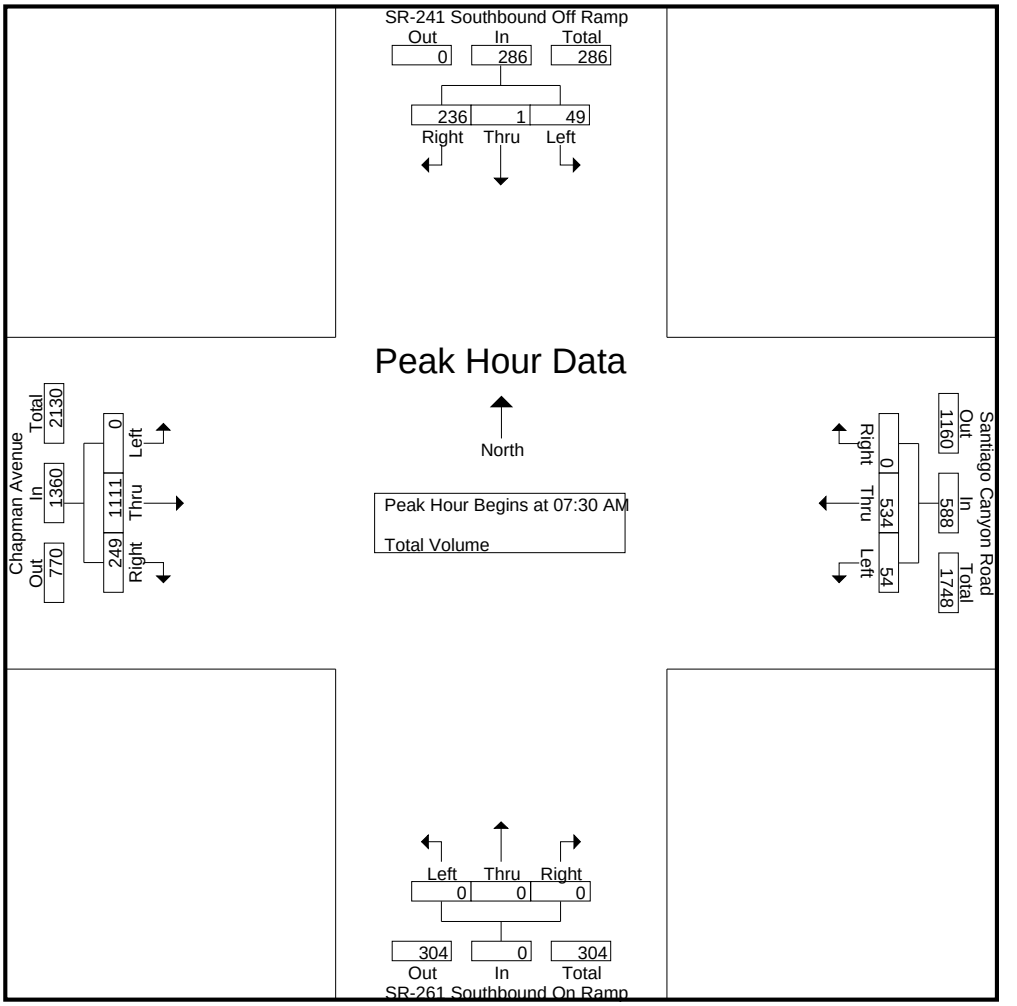
City of Orange
N/S: SR-241/SR261 SB Ramps
E/W: Santiago Canyon Road
Weather: Clear

File Name : 464_ORC_241-261S_SCR AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:00 AM				07:45 AM			
+0 mins.	16	1	66	83	11	136	0	147	0	0	0	0	0	295	63	358
+15 mins.	10	0	52	62	14	125	0	139	0	0	0	0	0	265	75	340
+30 mins.	14	0	60	74	12	140	0	152	0	0	0	0	0	296	66	362
+45 mins.	9	0	58	67	17	133	0	150	0	0	0	0	0	252	76	328
Total Volume	49	1	236	286	54	534	0	588	0	0	0	0	0	1108	280	1388
% App. Total	17.1	0.3	82.5		9.2	90.8	0		0	0	0		0	79.8	20.2	
PHF	.766	.250	.894	.861	.794	.954	.000	.967	.000	.000	.000	.000	.000	.936	.921	.959

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City of Orange
N/S: SR-241/SR261 SB Ramps
E/W: Santiago Canyon Road
Weather: Clear

File Name : 464_ORC_241-261S_SCR PM
Site Code : 05124139
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Groups Printed- Total Volume

	SR-241 Southbound Off Ramp Southbound				Santiago Canyon Road Westbound				SR-261 Southbound On Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	12	1	26	39	10	314	0	324	0	0	0	0	0	139	8	147	510
04:15 PM	10	0	19	29	6	387	0	393	0	0	0	0	0	137	6	143	565
04:30 PM	11	1	22	34	6	411	0	417	0	0	0	0	0	163	11	174	625
04:45 PM	7	0	36	43	4	426	0	430	0	0	0	0	0	148	10	158	631
Total	40	2	103	145	26	1538	0	1564	0	0	0	0	0	587	35	622	2331
05:00 PM	7	0	24	31	9	386	0	395	0	0	0	0	0	179	7	186	612
05:15 PM	15	0	21	36	6	469	0	475	0	0	0	0	0	199	10	209	720
05:30 PM	13	0	25	38	6	441	0	447	0	0	0	0	0	170	8	178	663
05:45 PM	7	0	24	31	8	336	0	344	0	0	0	0	0	166	8	174	549
Total	42	0	94	136	29	1632	0	1661	0	0	0	0	0	714	33	747	2544
Grand Total	82	2	197	281	55	3170	0	3225	0	0	0	0	0	1301	68	1369	4875
Apprch %	29.2	0.7	70.1		1.7	98.3	0		0	0	0		0	95	5		
Total %	1.7	0	4	5.8	1.1	65	0	66.2	0	0	0	0	0	26.7	1.4	28.1	

	SR-241 Southbound Off Ramp Southbound				Santiago Canyon Road Westbound				SR-261 Southbound On Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	7	0	36	43	4	426	0	430	0	0	0	0	0	148	10	158	631
05:00 PM	7	0	24	31	9	386	0	395	0	0	0	0	0	179	7	186	612
05:15 PM	15	0	21	36	6	469	0	475	0	0	0	0	0	199	10	209	720
05:30 PM	13	0	25	38	6	441	0	447	0	0	0	0	0	170	8	178	663
Total Volume	42	0	106	148	25	1722	0	1747	0	0	0	0	0	696	35	731	2626
% App. Total	28.4	0	71.6		1.4	98.6	0		0	0	0		0	95.2	4.8		
PHF	.700	.000	.736	.860	.694	.918	.000	.919	.000	.000	.000	.000	.000	.874	.875	.874	.912

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City of Orange
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File Name : 464_ORC_241-261S_SCR PM
Site Code : 05124139
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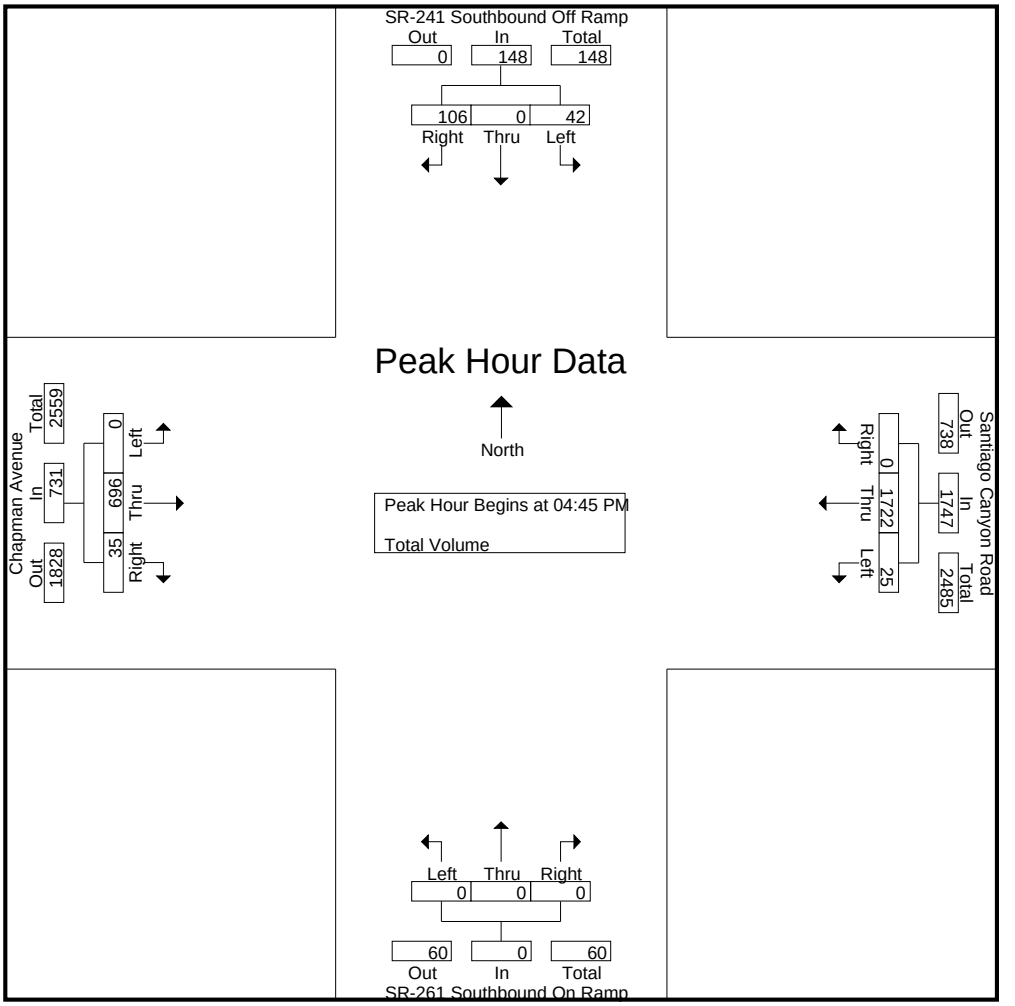

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	7	0	36	43	4	426	0	430	0	0	0	0	0	179	7	186
+15 mins.	7	0	24	31	9	386	0	395	0	0	0	0	0	199	10	209
+30 mins.	15	0	21	36	6	469	0	475	0	0	0	0	0	170	8	178
+45 mins.	13	0	25	38	6	441	0	447	0	0	0	0	0	166	8	174
Total Volume	42	0	106	148	25	1722	0	1747	0	0	0	0	0	714	33	747
% App. Total	28.4	0	71.6		1.4	98.6	0		0	0	0		0	95.6	4.4	
PHF	.700	.000	.736	.860	.694	.918	.000	.919	.000	.000	.000	.000	.000	.897	.825	.894

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City of Orange
N/S: SR-241/SR261 NB Ramps
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File Name : 465_ORC_241-261N_SCR AM
Site Code : 05124139
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Groups Printed- Total Volume

	SR-241 Northbound OnRamp Southbound				Santiago Canyon Road Westbound				SR-261 Northbound Off Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	83	7	90	4	0	0	4	14	186	0	200	294
07:15 AM	0	0	0	0	0	90	13	103	4	0	0	4	16	214	0	230	337
07:30 AM	0	0	0	0	0	141	10	151	10	1	0	11	26	236	0	262	424
07:45 AM	0	0	0	0	0	133	5	138	6	0	0	6	25	275	0	300	444
Total	0	0	0	0	0	447	35	482	24	1	0	25	81	911	0	992	1499
08:00 AM	0	0	0	0	0	148	12	160	4	0	3	7	25	249	0	274	441
08:15 AM	0	0	0	0	0	144	8	152	8	0	1	9	29	280	0	309	470
08:30 AM	0	0	0	0	0	133	8	141	2	1	3	6	24	245	0	269	416
08:45 AM	0	0	0	0	0	122	6	128	5	1	3	9	19	220	0	239	376
Total	0	0	0	0	0	547	34	581	19	2	10	31	97	994	0	1091	1703
Grand Total	0	0	0	0	0	994	69	1063	43	3	10	56	178	1905	0	2083	3202
Apprch %	0	0	0		0	93.5	6.5		76.8	5.4	17.9		8.5	91.5	0		
Total %	0	0	0	0	0	31	2.2	33.2	1.3	0.1	0.3	1.7	5.6	59.5	0	65.1	

	SR-241 Northbound OnRamp Southbound				Santiago Canyon Road Westbound				SR-261 Northbound Off Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	141	10	151	10	1	0	11	26	236	0	262	424
07:45 AM	0	0	0	0	0	133	5	138	6	0	0	6	25	275	0	300	444
08:00 AM	0	0	0	0	0	148	12	160	4	0	3	7	25	249	0	274	441
08:15 AM	0	0	0	0	0	144	8	152	8	0	1	9	29	280	0	309	470
Total Volume	0	0	0	0	0	566	35	601	28	1	4	33	105	1040	0	1145	1779
% App. Total	0	0	0		0	94.2	5.8		84.8	3	12.1		9.2	90.8	0		
PHF	.000	.000	.000	.000	.000	.956	.729	.939	.700	.250	.333	.750	.905	.929	.000	.926	.946

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City of Orange
N/S: SR-241/SR261 NB Ramps
E/W: Santiago Canyon Road
Weather: Clear

File Name : 465_ORC_241-261N_SCR AM
Site Code : 05124139
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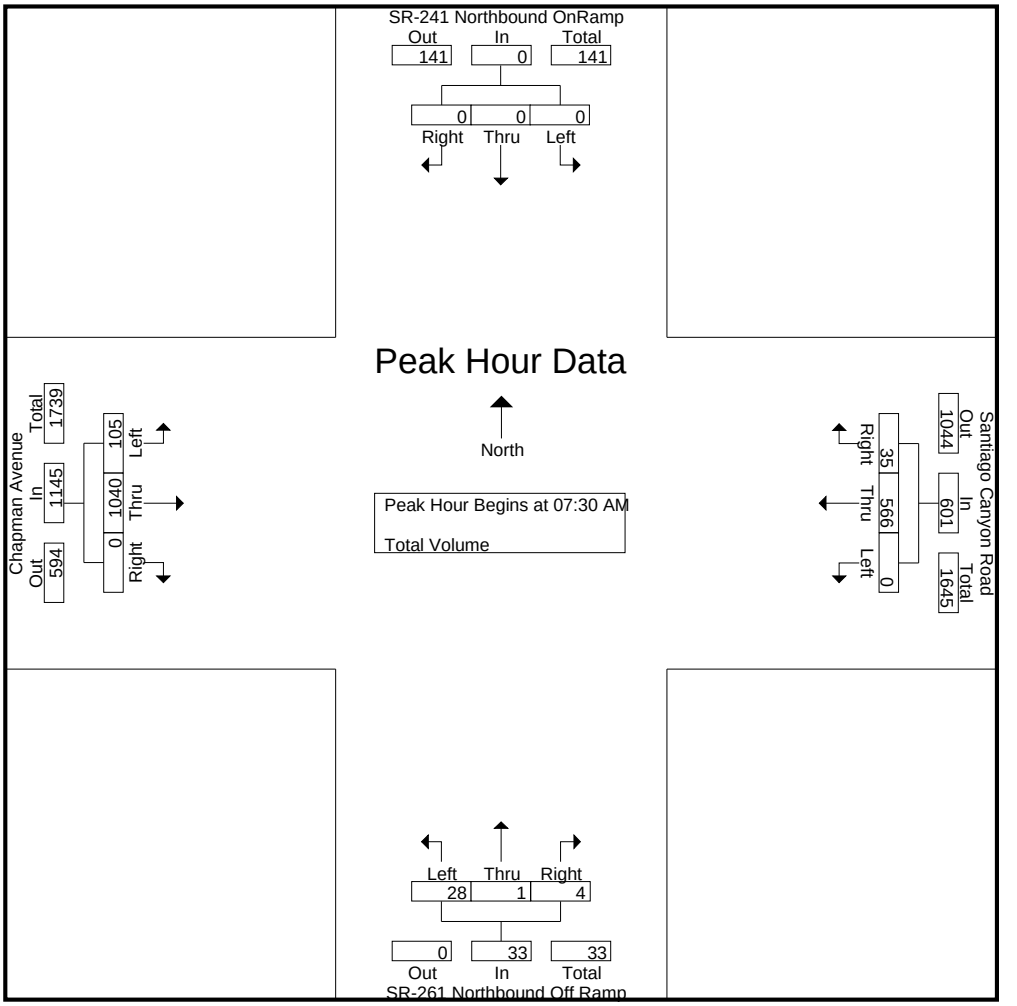

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				07:30 AM				07:45 AM			
+0 mins.	0	0	0	0	0	141	10	151	10	1	0	11	25	275	0	300
+15 mins.	0	0	0	0	0	133	5	138	6	0	0	6	25	249	0	274
+30 mins.	0	0	0	0	0	148	12	160	4	0	3	7	29	280	0	309
+45 mins.	0	0	0	0	0	144	8	152	8	0	1	9	24	245	0	269
Total Volume	0	0	0	0	0	566	35	601	28	1	4	33	103	1049	0	1152
% App. Total	0	0	0		0	94.2	5.8		84.8	3	12.1		8.9	91.1	0	
PHF	.000	.000	.000	.000	.000	.956	.729	.939	.700	.250	.333	.750	.888	.937	.000	.932

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City of Orange
N/S: SR-241/SR261 NB Ramps
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Weather: Clear

File Name : 465_ORC_241-261N_SCR PM
Site Code : 05124139
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Groups Printed- Total Volume

	SR-241 Northbound OnRamp Southbound				Santiago Canyon Road Westbound				SR-261 Northbound Off Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	263	10	273	58	1	4	63	39	111	0	150	486
04:15 PM	0	0	0	0	0	345	10	355	49	1	3	53	33	131	0	164	572
04:30 PM	0	0	0	0	0	353	10	363	65	3	3	71	28	141	0	169	603
04:45 PM	0	0	0	0	0	363	6	369	67	2	3	72	16	143	0	159	600
Total	0	0	0	0	0	1324	36	1360	239	7	13	259	116	526	0	642	2261
05:00 PM	0	0	0	0	0	330	16	346	74	1	11	86	47	149	0	196	628
05:15 PM	0	0	0	0	0	410	10	420	65	3	4	72	50	161	0	211	703
05:30 PM	0	0	0	0	0	367	11	378	86	0	1	87	28	164	0	192	657
05:45 PM	0	0	0	0	0	275	11	286	62	1	5	68	33	134	0	167	521
Total	0	0	0	0	0	1382	48	1430	287	5	21	313	158	608	0	766	2509
Grand Total	0	0	0	0	0	2706	84	2790	526	12	34	572	274	1134	0	1408	4770
Apprch %	0	0	0		0	97	3		92	2.1	5.9		19.5	80.5	0		
Total %	0	0	0	0	0	56.7	1.8	58.5	11	0.3	0.7	12	5.7	23.8	0	29.5	

	SR-241 Northbound OnRamp Southbound				Santiago Canyon Road Westbound				SR-261 Northbound Off Ramp Northbound				Chapman Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	363	6	369	67	2	3	72	16	143	0	159	600
05:00 PM	0	0	0	0	0	330	16	346	74	1	11	86	47	149	0	196	628
05:15 PM	0	0	0	0	0	410	10	420	65	3	4	72	50	161	0	211	703
05:30 PM	0	0	0	0	0	367	11	378	86	0	1	87	28	164	0	192	657
Total Volume	0	0	0	0	0	1470	43	1513	292	6	19	317	141	617	0	758	2588
% App. Total	0	0	0		0	97.2	2.8		92.1	1.9	6		18.6	81.4	0		
PHF	.000	.000	.000	.000	.000	.896	.672	.901	.849	.500	.432	.911	.705	.941	.000	.898	.920

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City of Orange
N/S: SR-241/SR261 NB Ramps
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File Name : 465_ORC_241-261N_SCR PM
Site Code : 05124139
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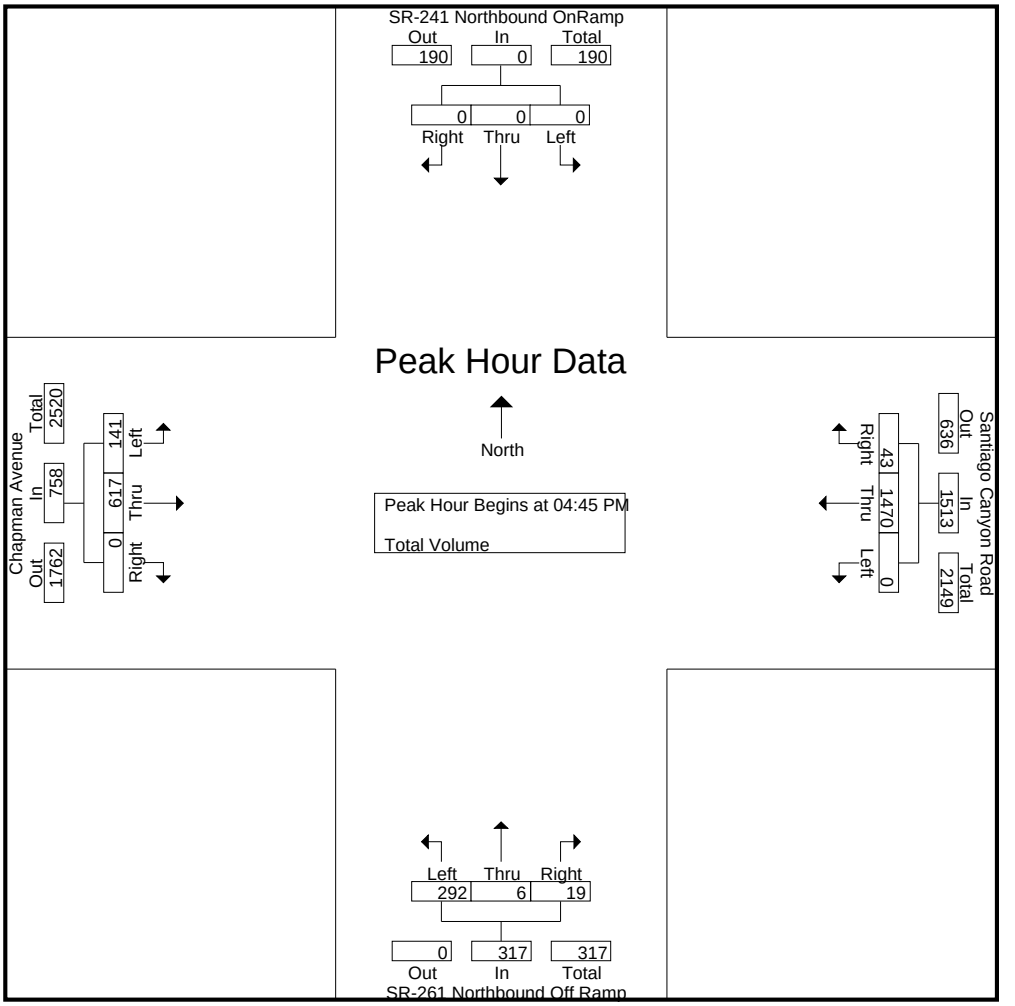

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:45 PM				05:00 PM			
+0 mins.	0	0	0	0	0	363	6	369	67	2	3	72	47	149	0	196
+15 mins.	0	0	0	0	0	330	16	346	74	1	11	86	50	161	0	211
+30 mins.	0	0	0	0	0	410	10	420	65	3	4	72	28	164	0	192
+45 mins.	0	0	0	0	0	367	11	378	86	0	1	87	33	134	0	167
Total Volume	0	0	0	0	0	1470	43	1513	292	6	19	317	158	608	0	766
% App. Total	0	0	0		0	97.2	2.8		92.1	1.9	6		20.6	79.4	0	
PHF	.000	.000	.000	.000	.000	.896	.672	.901	.849	.500	.432	.911	.790	.927	.000	.908

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City of Orange
N/S: SR-241 Northbound Off Ramp
E/W: Santiago Canyon Road
Weather: Clear

File Name : 466_ORC_241N OFF_SCR AM
Site Code : 05124139
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Groups Printed- Total Volume

	Santiago Canyon Road Westbound			SR-241 Northbound Off Ramp Northbound			Chapman Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	60	60	28	0	28	111	0	111	199
07:15 AM	0	75	75	32	1	33	93	0	93	201
07:30 AM	0	106	106	45	0	45	125	0	125	276
07:45 AM	0	83	83	51	1	52	112	0	112	247
Total	0	324	324	156	2	158	441	0	441	923
08:00 AM	0	86	86	73	2	75	105	0	105	266
08:15 AM	0	84	84	69	3	72	113	0	113	269
08:30 AM	0	79	79	65	2	67	112	0	112	258
08:45 AM	0	71	71	54	0	54	105	0	105	230
Total	0	320	320	261	7	268	435	0	435	1023
Grand Total	0	644	644	417	9	426	876	0	876	1946
Apprch %	0	100		97.9	2.1		100	0		
Total %	0	33.1	33.1	21.4	0.5	21.9	45	0	45	

	Santiago Canyon Road Westbound			SR-241 Northbound Off Ramp Northbound			Chapman Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	106	106	45	0	45	125	0	125	276
07:45 AM	0	83	83	51	1	52	112	0	112	247
08:00 AM	0	86	86	73	2	75	105	0	105	266
08:15 AM	0	84	84	69	3	72	113	0	113	269
Total Volume	0	359	359	238	6	244	455	0	455	1058
% App. Total	0	100		97.5	2.5		100	0		
PHF	.000	.847	.847	.815	.500	.813	.910	.000	.910	.958

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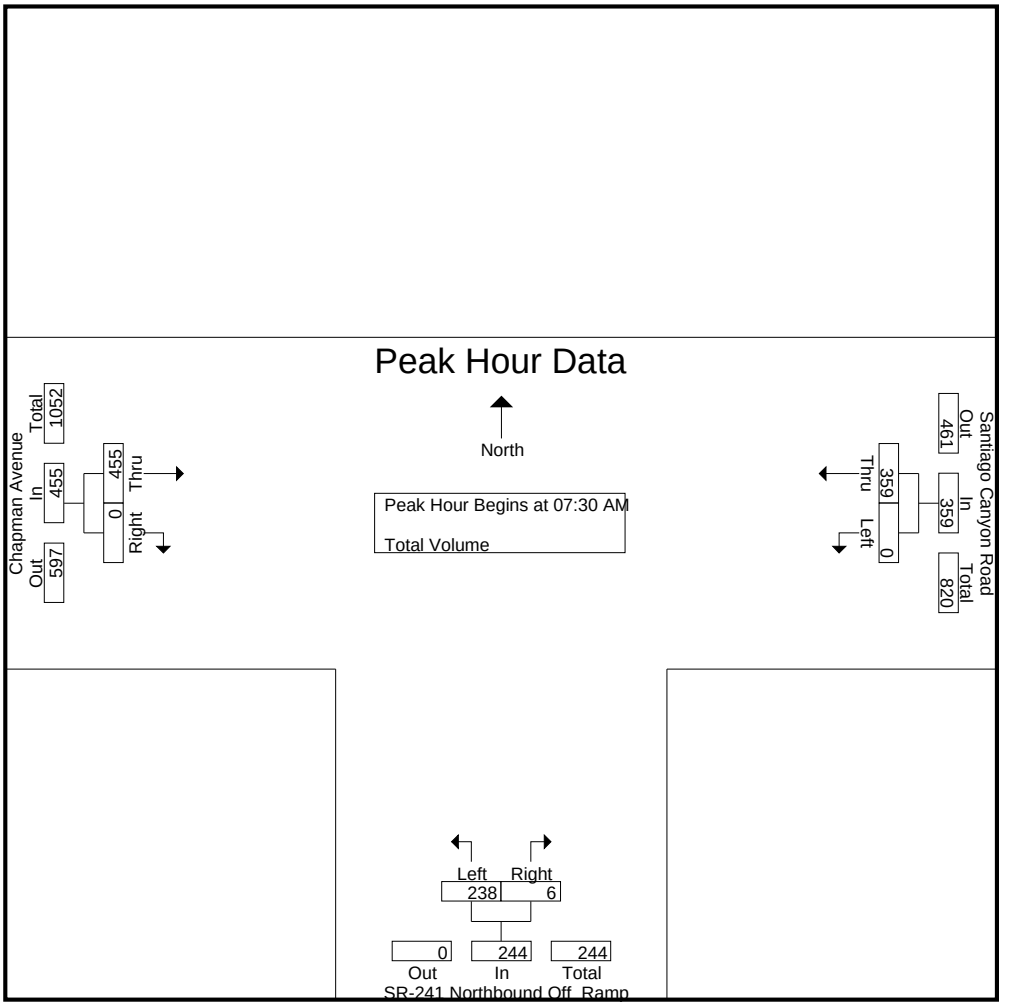
City of Orange
N/S: SR-241 Northbound Off Ramp
E/W: Santiago Canyon Road
Weather: Clear

File Name : 466_ORC_241N OFF_SCR AM
Site Code : 05124139
Start Date : 2/8/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			08:00 AM			07:30 AM		
+0 mins.	0	106	106	73	2	75	125	0	125
+15 mins.	0	83	83	69	3	72	112	0	112
+30 mins.	0	86	86	65	2	67	105	0	105
+45 mins.	0	84	84	54	0	54	113	0	113
Total Volume	0	359	359	261	7	268	455	0	455
% App. Total	0	100		97.4	2.6		100	0	
PHF	.000	.847	.847	.894	.583	.893	.910	.000	.910

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City of Orange
N/S: SR-241 Northbound Off Ramp
E/W: Santiago Canyon Road
Weather: Clear

File Name : 466_ORC_241N OFF_SCR PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Santiago Canyon Road Westbound			SR-241 Northbound Off Ramp Northbound			Chapman Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	138	138	140	2	142	57	0	57	337
04:15 PM	0	174	174	197	3	200	86	0	86	460
04:30 PM	0	151	151	194	0	194	92	0	92	437
04:45 PM	0	160	160	216	0	216	85	0	85	461
Total	0	623	623	747	5	752	320	0	320	1695
05:00 PM	0	143	143	212	1	213	86	0	86	442
05:15 PM	0	169	169	262	1	263	100	0	100	532
05:30 PM	0	156	156	187	2	189	97	0	97	442
05:45 PM	0	125	125	170	1	171	74	0	74	370
Total	0	593	593	831	5	836	357	0	357	1786
Grand Total	0	1216	1216	1578	10	1588	677	0	677	3481
Apprch %	0	100		99.4	0.6		100	0		
Total %	0	34.9	34.9	45.3	0.3	45.6	19.4	0	19.4	

	Santiago Canyon Road Westbound			SR-241 Northbound Off Ramp Northbound			Chapman Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	0	160	160	216	0	216	85	0	85	461
05:00 PM	0	143	143	212	1	213	86	0	86	442
05:15 PM	0	169	169	262	1	263	100	0	100	532
05:30 PM	0	156	156	187	2	189	97	0	97	442
Total Volume	0	628	628	877	4	881	368	0	368	1877
% App. Total	0	100		99.5	0.5		100	0		
PHF	.000	.929	.929	.837	.500	.837	.920	.000	.920	.882

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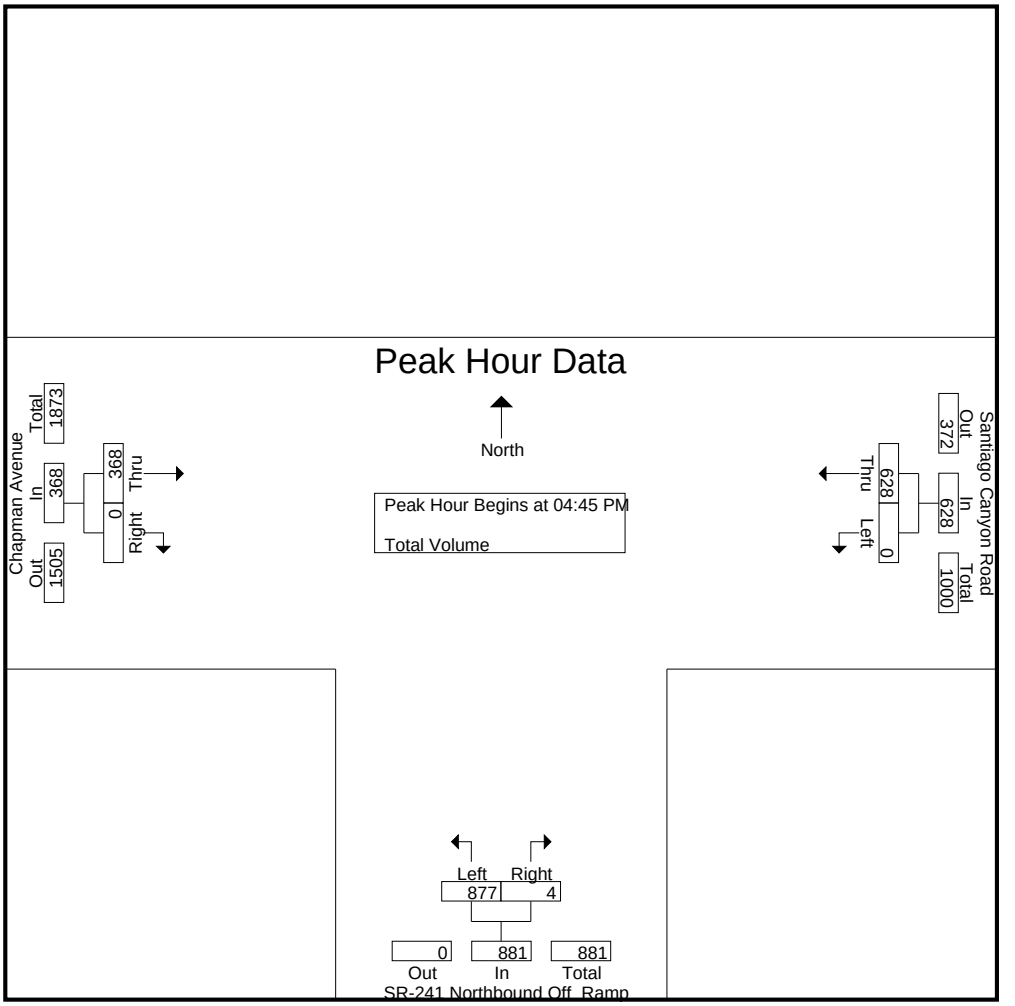
City of Orange
N/S: SR-241 Northbound Off Ramp
E/W: Santiago Canyon Road
Weather: Clear

File Name : 466_ORC_241N OFF_SCR PM
Site Code : 05124139
Start Date : 2/8/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM			04:30 PM			04:45 PM		
+0 mins.	0	174	174	194	0	194	85	0	85
+15 mins.	0	151	151	216	0	216	86	0	86
+30 mins.	0	160	160	212	1	213	100	0	100
+45 mins.	0	143	143	262	1	263	97	0	97
Total Volume	0	628	628	884	2	886	368	0	368
% App. Total	0	100		99.8	0.2		100	0	
PHF	.000	.902	.902	.844	.500	.842	.920	.000	.920

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City of Orange
N/S: Jamboree Road
E/W: Canyon View Avenue
Weather: Clear

File Name : 468_ORC_JAM_CYN V AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound			Jamboree Road Northbound			Canyon View Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	242	5	247	15	36	51	11	57	68	366
07:15 AM	279	2	281	19	54	73	15	87	102	456
07:30 AM	269	5	274	13	75	88	13	133	146	508
07:45 AM	272	15	287	28	80	108	15	117	132	527
Total	1062	27	1089	75	245	320	54	394	448	1857
08:00 AM	220	5	225	29	82	111	19	145	164	500
08:15 AM	236	10	246	44	95	139	10	109	119	504
08:30 AM	220	4	224	22	61	83	14	97	111	418
08:45 AM	189	15	204	22	62	84	14	52	66	354
Total	865	34	899	117	300	417	57	403	460	1776
Grand Total	1927	61	1988	192	545	737	111	797	908	3633
Apprch %	96.9	3.1		26.1	73.9		12.2	87.8		
Total %	53	1.7	54.7	5.3	15	20.3	3.1	21.9	25	

	Jamboree Road Southbound			Jamboree Road Northbound			Canyon View Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	269	5	274	13	75	88	13	133	146	508
07:45 AM	272	15	287	28	80	108	15	117	132	527
08:00 AM	220	5	225	29	82	111	19	145	164	500
08:15 AM	236	10	246	44	95	139	10	109	119	504
Total Volume	997	35	1032	114	332	446	57	504	561	2039
% App. Total	96.6	3.4		25.6	74.4		10.2	89.8		
PHF	.916	.583	.899	.648	.874	.802	.750	.869	.855	.967

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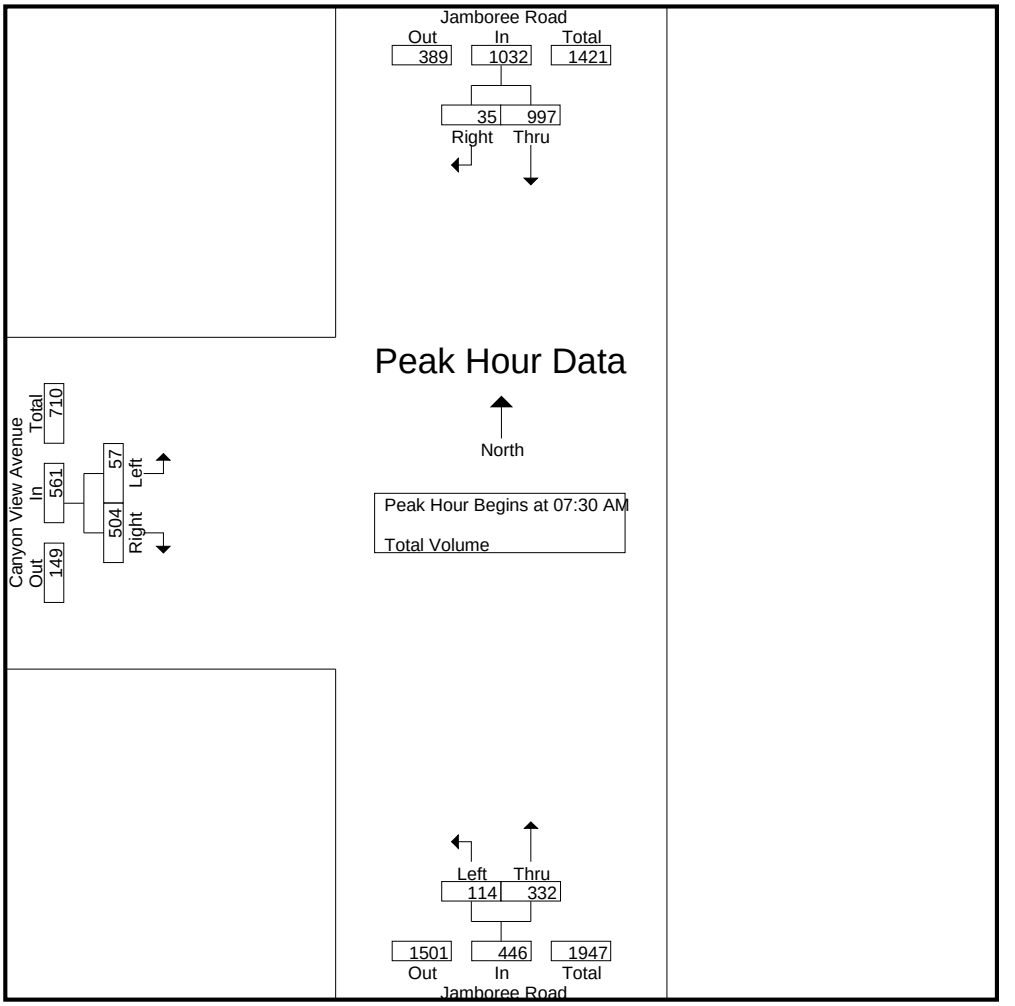
City of Orange
N/S: Jamboree Road
E/W: Canyon View Avenue
Weather: Clear

File Name : 468_ORC_JAM_CYN V AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:30 AM			07:30 AM		
+0 mins.	242	5	247	13	75	88	13	133	146
+15 mins.	279	2	281	28	80	108	15	117	132
+30 mins.	269	5	274	29	82	111	19	145	164
+45 mins.	272	15	287	44	95	139	10	109	119
Total Volume	1062	27	1089	114	332	446	57	504	561
% App. Total	97.5	2.5		25.6	74.4		10.2	89.8	
PHF	.952	.450	.949	.648	.874	.802	.750	.869	.855

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City of Orange
N/S: Jamboree Road
E/W: Canyon View Avenue
Weather: Clear

File Name : 468_ORC_JAM_CYN V PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Jamboree Road Southbound			Jamboree Road Northbound			Canyon View Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	74	18	92	72	269	341	4	30	34	467
04:15 PM	67	19	86	78	258	336	6	53	59	481
04:30 PM	85	21	106	85	349	434	16	29	45	585
04:45 PM	86	20	106	96	298	394	6	46	52	552
Total	312	78	390	331	1174	1505	32	158	190	2085
05:00 PM	95	19	114	101	340	441	6	37	43	598
05:15 PM	93	25	118	95	312	407	3	57	60	585
05:30 PM	112	14	126	98	335	433	7	28	35	594
05:45 PM	107	21	128	73	273	346	7	24	31	505
Total	407	79	486	367	1260	1627	23	146	169	2282
Grand Total	719	157	876	698	2434	3132	55	304	359	4367
Apprch %	82.1	17.9		22.3	77.7		15.3	84.7		
Total %	16.5	3.6	20.1	16	55.7	71.7	1.3	7	8.2	

	Jamboree Road Southbound			Jamboree Road Northbound			Canyon View Avenue Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	86	20	106	96	298	394	6	46	52	552
05:00 PM	95	19	114	101	340	441	6	37	43	598
05:15 PM	93	25	118	95	312	407	3	57	60	585
05:30 PM	112	14	126	98	335	433	7	28	35	594
Total Volume	386	78	464	390	1285	1675	22	168	190	2329
% App. Total	83.2	16.8		23.3	76.7		11.6	88.4		
PHF	.862	.780	.921	.965	.945	.950	.786	.737	.792	.974

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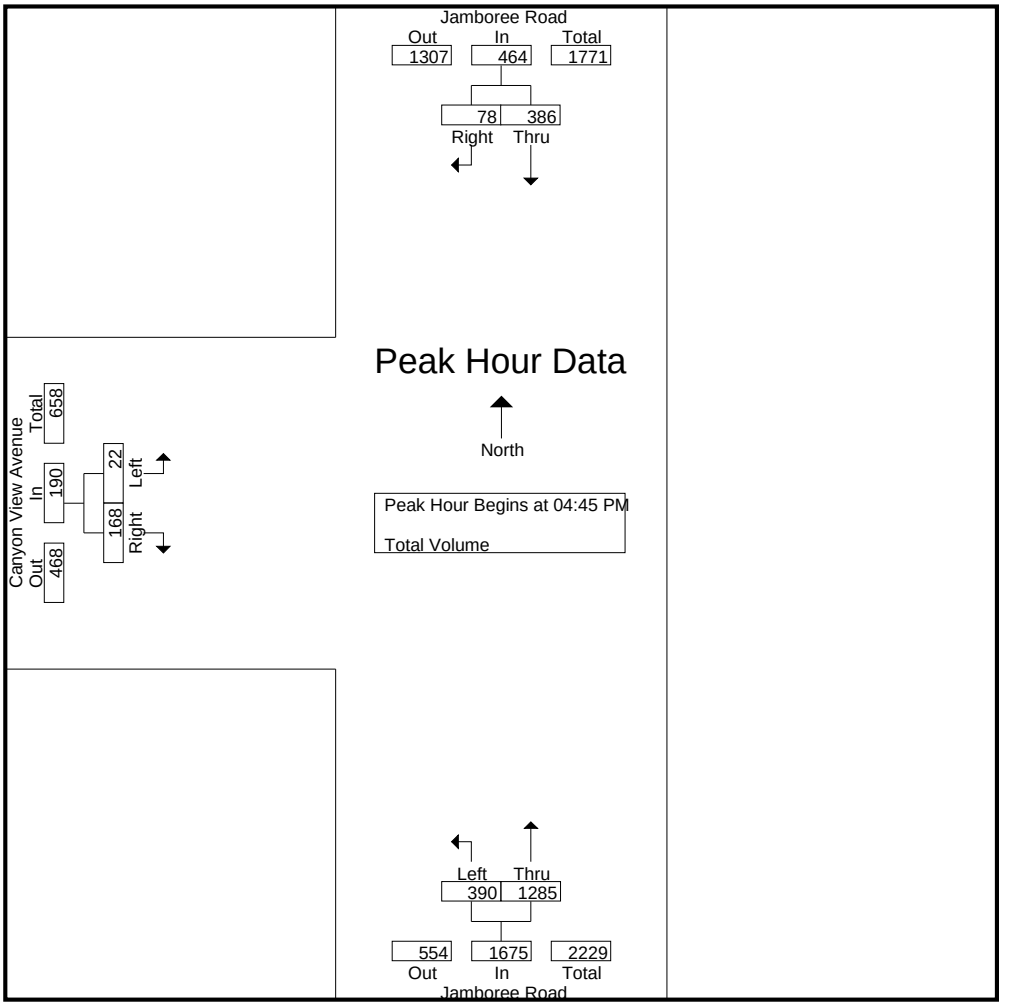
City of Orange
N/S: Jamboree Road
E/W: Canyon View Avenue
Weather: Clear

File Name : 468_ORC_JAM_CYN V PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			04:30 PM		
+0 mins.	95	19	114	85	349	434	16	29	45
+15 mins.	93	25	118	96	298	394	6	46	52
+30 mins.	112	14	126	101	340	441	6	37	43
+45 mins.	107	21	128	95	312	407	3	57	60
Total Volume	407	79	486	377	1299	1676	31	169	200
% App. Total	83.7	16.3		22.5	77.5		15.5	84.5	
PHF	.908	.790	.949	.933	.931	.950	.484	.741	.833

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City of Irvine
N/S: El Camino Real N
E/W: Bryan Avenue
Weather: Clear

File Name : 477_IRV_ECR_Bryan AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Bryan Avenue Westbound			El Camino Real N Northbound			Bryan Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	30	35	65	12	17	29	86	41	127	221
07:15 AM	34	81	115	106	49	155	180	86	266	536
07:30 AM	22	54	76	29	29	58	88	36	124	258
07:45 AM	37	106	143	9	34	43	110	36	146	332
Total	123	276	399	156	129	285	464	199	663	1347
08:00 AM	57	123	180	24	35	59	137	44	181	420
08:15 AM	49	135	184	58	44	102	150	103	253	539
08:30 AM	49	113	162	42	45	87	116	36	152	401
08:45 AM	41	74	115	5	26	31	95	17	112	258
Total	196	445	641	129	150	279	498	200	698	1618
Grand Total	319	721	1040	285	279	564	962	399	1361	2965
Apprch %	30.7	69.3		50.5	49.5		70.7	29.3		
Total %	10.8	24.3	35.1	9.6	9.4	19	32.4	13.5	45.9	

	Bryan Avenue Westbound			El Camino Real N Northbound			Bryan Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	37	106	143	9	34	43	110	36	146	332
08:00 AM	**57**	123	180	24	35	59	137	44	181	420
08:15 AM	49	**135**	**184**	**58**	44	**102**	**150**	**103**	**253**	**539**
08:30 AM	49	113	162	42	**45**	87	116	36	152	401
Total Volume	192	477	669	133	158	291	513	219	732	1692
% App. Total	28.7	71.3		45.7	54.3		70.1	29.9		
PHF	.842	.883	.909	.573	.878	.713	.855	.532	.723	.785

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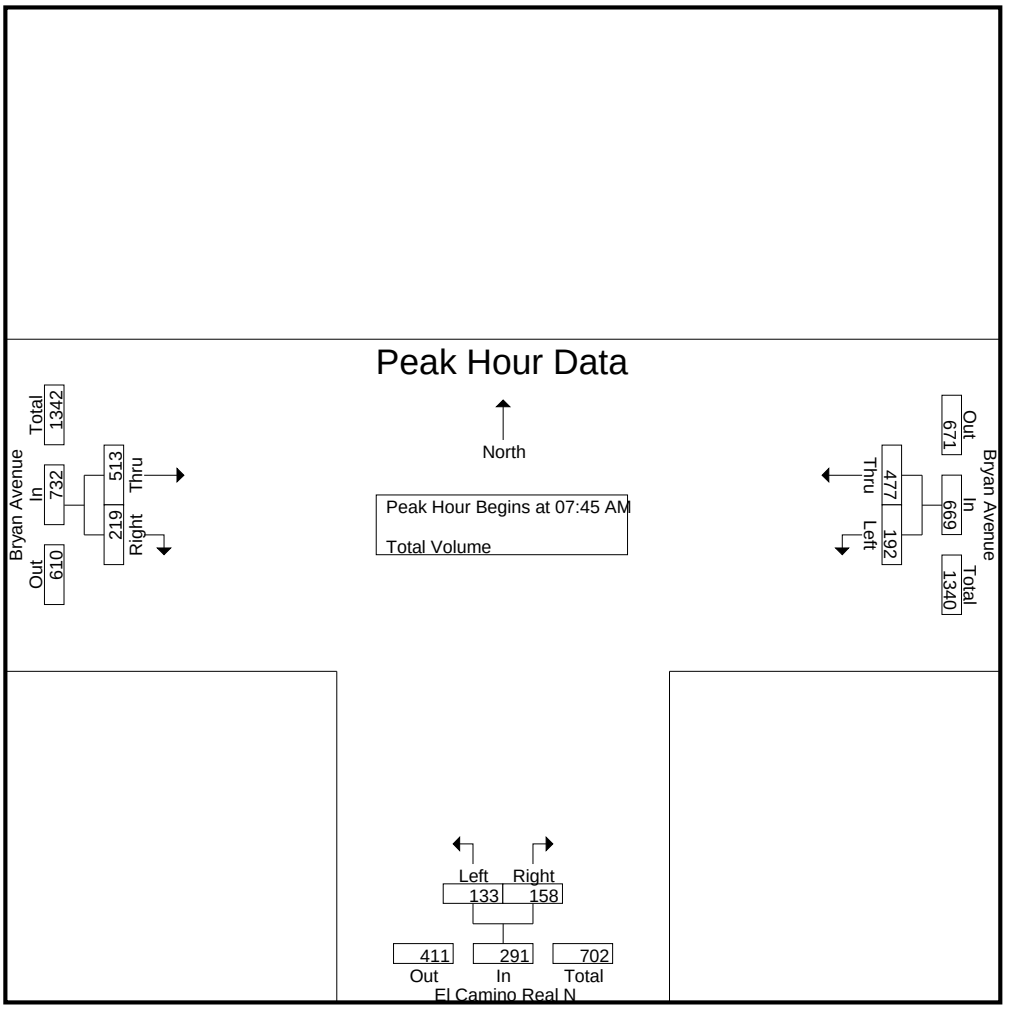
City of Irvine
N/S: El Camino Real N
E/W: Bryan Avenue
Weather: Clear

File Name : 477_IRV_ECR_Bryan AM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:45 AM			07:15 AM			07:45 AM		
+0 mins.	37	106	143	**106**	**49**	**155**	110	36	146
+15 mins.	**57**	123	180	29	29	58	137	44	181
+30 mins.	49	**135**	**184**	9	34	43	**150**	**103**	**253**
+45 mins.	49	113	162	24	35	59	116	36	152
Total Volume	192	477	669	168	147	315	513	219	732
% App. Total	28.7	71.3		53.3	46.7		70.1	29.9	
PHF	.842	.883	.909	.396	.750	.508	.855	.532	.723

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City of Irvine
N/S: El Camino Real N
E/W: Bryan Avenue
Weather: Clear

File Name : 477_IRV_ECR_Bryan PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 1

Groups Printed- Total Volume

	Bryan Avenue Westbound			El Camino Real N Northbound			Bryan Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	22	163	185	25	58	83	136	5	141	409
04:15 PM	23	161	184	15	60	75	132	4	136	395
04:30 PM	24	180	204	10	76	86	134	9	143	433
04:45 PM	27	193	220	12	74	86	154	7	161	467
Total	96	697	793	62	268	330	556	25	581	1704
05:00 PM	26	195	221	25	98	123	160	18	178	522
05:15 PM	33	196	229	26	108	134	158	5	163	526
05:30 PM	23	199	222	11	80	91	128	8	136	449
05:45 PM	27	183	210	8	73	81	139	17	156	447
Total	109	773	882	70	359	429	585	48	633	1944
Grand Total	205	1470	1675	132	627	759	1141	73	1214	3648
Apprch %	12.2	87.8		17.4	82.6		94	6		
Total %	5.6	40.3	45.9	3.6	17.2	20.8	31.3	2	33.3	

	Bryan Avenue Westbound			El Camino Real N Northbound			Bryan Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	27	193	220	12	74	86	154	7	161	467
05:00 PM	26	195	221	25	98	123	**160**	**18**	**178**	522
05:15 PM	**33**	196	**229**	**26**	**108**	**134**	158	5	163	**526**
05:30 PM	23	**199**	222	11	80	91	128	8	136	449
Total Volume	109	783	892	74	360	434	600	38	638	1964
% App. Total	12.2	87.8		17.1	82.9		94	6		
PHF	.826	.984	.974	.712	.833	.810	.938	.528	.896	.933

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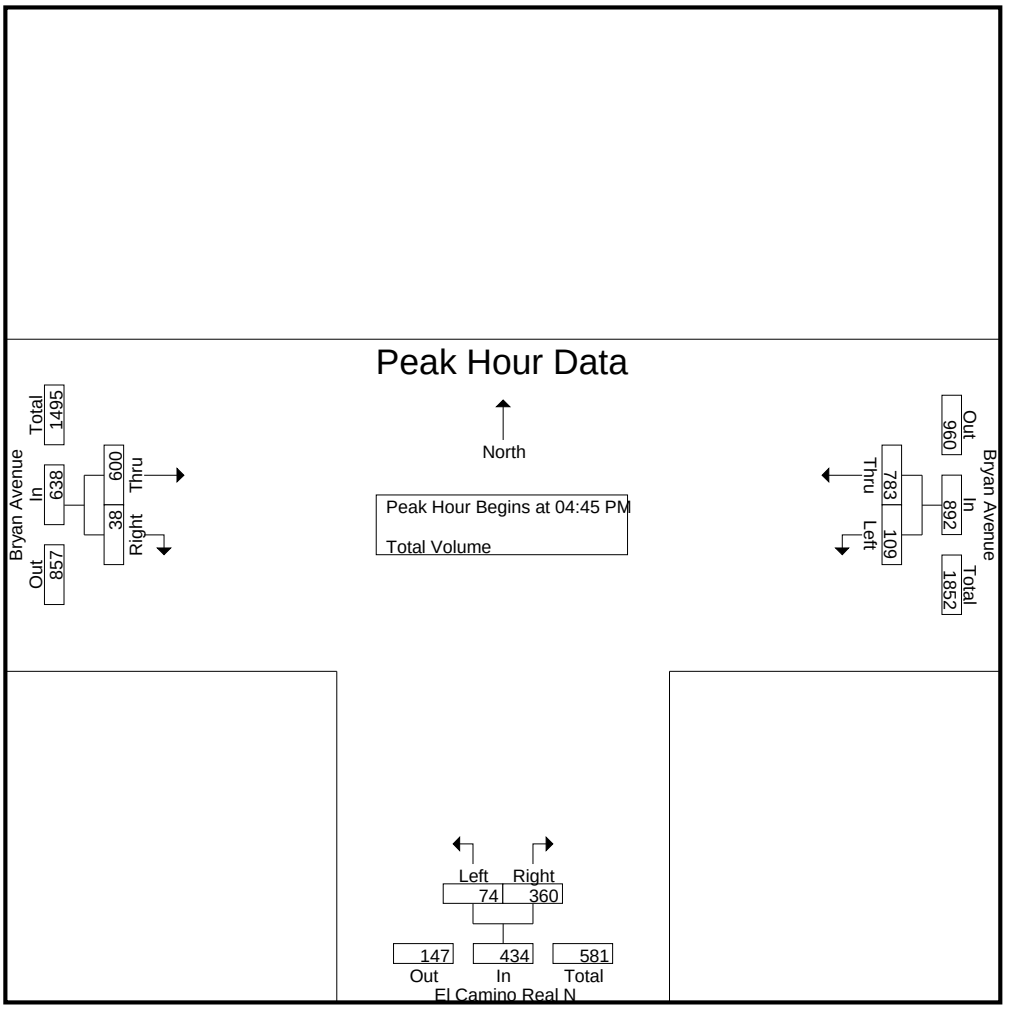
City of Irvine
N/S: El Camino Real N
E/W: Bryan Avenue
Weather: Clear

File Name : 477_IRV_ECR_Bryan PM
Site Code : 05124139
Start Date : 4/30/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			04:45 PM			04:30 PM		
+0 mins.	27	193	220	12	74	86	134	9	143
+15 mins.	26	195	221	25	98	123	154	7	161
+30 mins.	**33**	196	**229**	**26**	**108**	**134**	**160**	**18**	**178**
+45 mins.	23	**199**	222	11	80	91	158	5	163
Total Volume	109	783	892	74	360	434	606	39	645
% App. Total	12.2	87.8		17.1	82.9		94	6	
PHF	.826	.984	.974	.712	.833	.810	.947	.542	.906

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City of Irvine
N/S: Technology Drive
E/W: Laguna Canyon Road
Weather: Clear

File Name : 481_IRV_LAGCYN_TECH AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Technology Drive Southbound				Laguna Canyon Road Westbound				Technology Drive Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	5	3	14	22	2	21	5	28	1	0	0	1	41	38	9	88	139
07:15 AM	1	1	16	18	5	13	5	23	2	0	0	2	60	36	14	110	153
07:30 AM	6	7	18	31	1	16	7	24	2	1	0	3	55	50	11	116	174
07:45 AM	1	8	18	27	6	26	8	40	2	2	0	4	69	54	17	140	211
Total	13	19	66	98	14	76	25	115	7	3	0	10	225	178	51	454	677
08:00 AM	3	3	28	34	5	15	10	30	0	1	0	1	65	67	17	149	214
08:15 AM	2	1	31	34	8	16	9	33	2	2	0	4	76	68	23	167	238
08:30 AM	4	8	19	31	6	17	14	37	2	1	0	3	103	68	21	192	263
08:45 AM	3	7	28	38	8	22	16	46	0	1	4	5	118	94	18	230	319
Total	12	19	106	137	27	70	49	146	4	5	4	13	362	297	79	738	1034
Grand Total	25	38	172	235	41	146	74	261	11	8	4	23	587	475	130	1192	1711
Apprch %	10.6	16.2	73.2		15.7	55.9	28.4		47.8	34.8	17.4		49.2	39.8	10.9		
Total %	1.5	2.2	10.1	13.7	2.4	8.5	4.3	15.3	0.6	0.5	0.2	1.3	34.3	27.8	7.6	69.7	

	Technology Drive Southbound				Laguna Canyon Road Westbound				Technology Drive Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	3	3	28	34	5	15	10	30	0	1	0	1	65	67	17	149	214
08:15 AM	2	1	31	34	8	16	9	33	2	2	0	4	76	68	23	167	238
08:30 AM	4	8	19	31	6	17	14	37	2	1	0	3	103	68	21	192	263
08:45 AM	3	7	28	38	8	22	16	46	0	1	4	5	118	94	18	230	319
Total Volume	12	19	106	137	27	70	49	146	4	5	4	13	362	297	79	738	1034
% App. Total	8.8	13.9	77.4		18.5	47.9	33.6		30.8	38.5	30.8		49.1	40.2	10.7		
PHF	.750	.594	.855	.901	.844	.795	.766	.793	.500	.625	.250	.650	.767	.790	.859	.802	.810

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City of Irvine
N/S: Technology Drive
E/W: Laguna Canyon Road
Weather: Clear

File Name : 481_IRV_LAGCYN_TECH AM
Site Code : 05124139
Start Date : 2/8/2024
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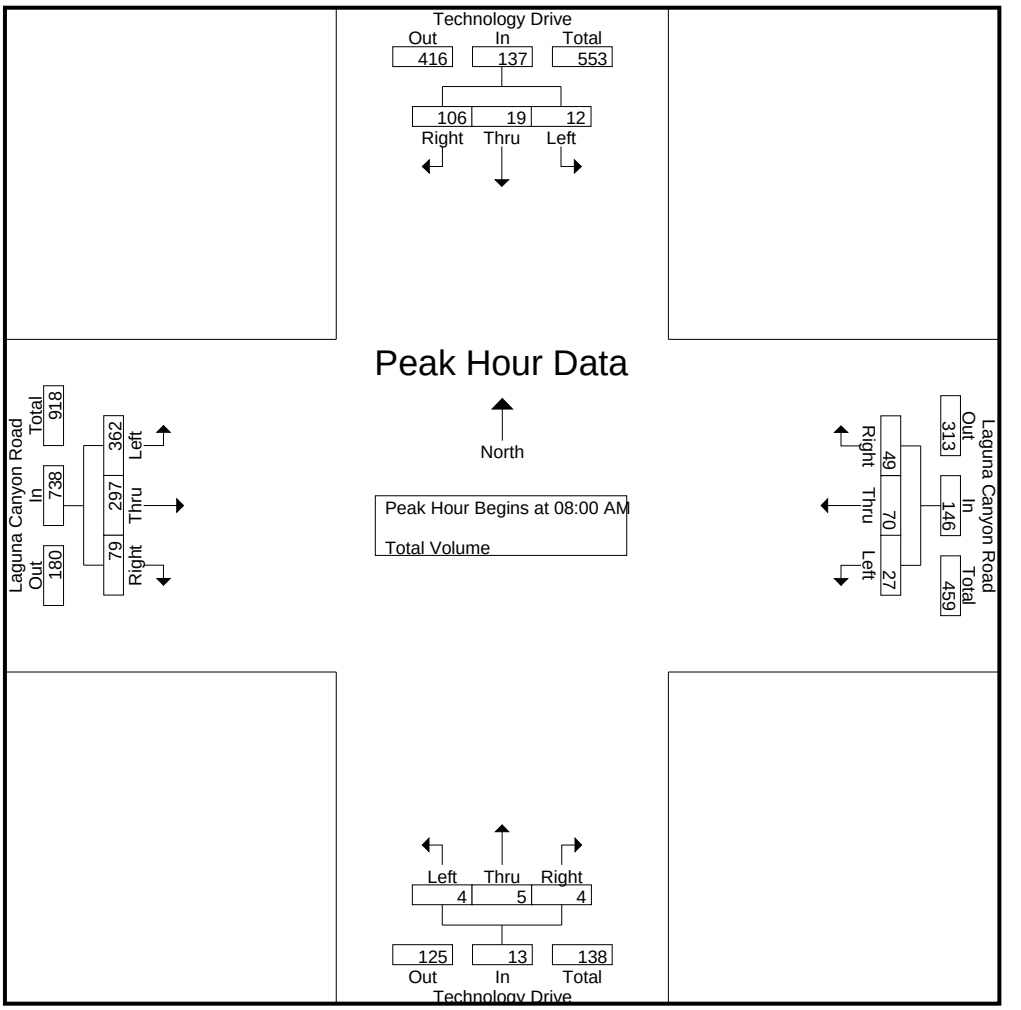

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	3	3	28	34	5	15	10	30	0	1	0	1	65	67	17	149
+15 mins.	2	1	31	34	8	16	9	33	2	2	0	4	76	68	23	167
+30 mins.	4	8	19	31	6	17	14	37	2	1	0	3	103	68	21	192
+45 mins.	3	7	28	38	8	22	16	46	0	1	4	5	118	94	18	230
Total Volume	12	19	106	137	27	70	49	146	4	5	4	13	362	297	79	738
% App. Total	8.8	13.9	77.4		18.5	47.9	33.6		30.8	38.5	30.8		49.1	40.2	10.7	
PHF	.750	.594	.855	.901	.844	.795	.766	.793	.500	.625	.250	.650	.767	.790	.859	.802

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Groups Printed- Total Volume

	Technology Drive Southbound				Laguna Canyon Road Westbound				Technology Drive Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	4	2	91	97	0	72	5	77	16	3	3	22	58	24	4	86	282
04:15 PM	0	0	80	80	0	62	5	67	13	9	1	23	42	24	1	67	237
04:30 PM	2	3	97	102	0	65	3	68	17	9	3	29	46	15	3	64	263
04:45 PM	5	2	94	101	2	69	10	81	15	4	3	22	54	18	1	73	277
Total	11	7	362	380	2	268	23	293	61	25	10	96	200	81	9	290	1059
05:00 PM	9	1	123	133	0	92	7	99	16	9	6	31	53	14	0	67	330
05:15 PM	8	0	82	90	0	61	4	65	20	5	2	27	40	25	1	66	248
05:30 PM	4	0	92	96	0	53	5	58	11	6	4	21	40	22	2	64	239
05:45 PM	1	0	78	79	0	66	3	69	8	4	2	14	46	19	3	68	230
Total	22	1	375	398	0	272	19	291	55	24	14	93	179	80	6	265	1047
Grand Total	33	8	737	778	2	540	42	584	116	49	24	189	379	161	15	555	2106
Apprch %	4.2	1	94.7		0.3	92.5	7.2		61.4	25.9	12.7		68.3	29	2.7		
Total %	1.6	0.4	35	36.9	0.1	25.6	2	27.7	5.5	2.3	1.1	9	18	7.6	0.7	26.4	

	Technology Drive Southbound				Laguna Canyon Road Westbound				Technology Drive Northbound				Laguna Canyon Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	3	97	102	0	65	3	68	17	9	3	29	46	15	3	64	263
04:45 PM	5	2	94	101	2	69	10	81	15	4	3	22	54	18	1	73	277
05:00 PM	9	1	123	133	0	92	7	99	16	9	6	31	53	14	0	67	330
05:15 PM	8	0	82	90	0	61	4	65	20	5	2	27	40	25	1	66	248
Total Volume	24	6	396	426	2	287	24	313	68	27	14	109	193	72	5	270	1118
% App. Total	5.6	1.4	93		0.6	91.7	7.7		62.4	24.8	12.8		71.5	26.7	1.9		
PHF	.667	.500	.805	.801	.250	.780	.600	.790	.850	.750	.583	.879	.894	.720	.417	.925	.847

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Site Code : 05124139
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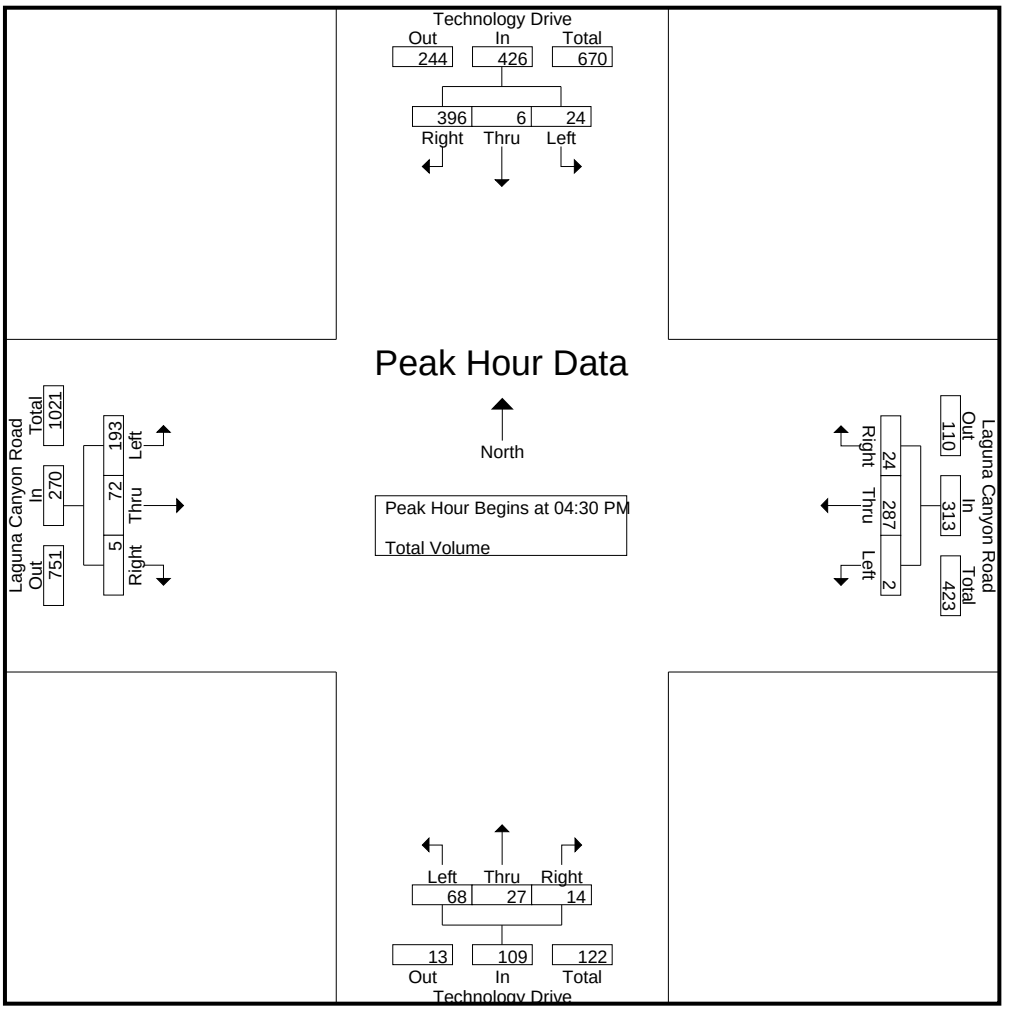

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:15 PM				04:30 PM				04:00 PM			
+0 mins.	2	3	97	102	0	62	5	67	17	9	3	29	58	24	4	86
+15 mins.	5	2	94	101	0	65	3	68	15	4	3	22	42	24	1	67
+30 mins.	9	1	123	133	2	69	10	81	16	9	6	31	46	15	3	64
+45 mins.	8	0	82	90	0	92	7	99	20	5	2	27	54	18	1	73
Total Volume	24	6	396	426	2	288	25	315	68	27	14	109	200	81	9	290
% App. Total	5.6	1.4	93		0.6	91.4	7.9		62.4	24.8	12.8		69	27.9	3.1	
PHF	.667	.500	.805	.801	.250	.783	.625	.795	.850	.750	.583	.879	.862	.844	.563	.843

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Groups Printed- Total Volume

	Visions Southbound				Trabuco Road Westbound				Visions Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	0	1	7	48	1	56	1	0	2	3	2	31	4	37	97
07:15 AM	2	1	3	6	32	64	7	103	1	1	13	15	9	45	3	57	181
07:30 AM	4	0	2	6	8	79	1	88	0	0	7	7	4	46	13	63	164
07:45 AM	1	0	3	4	10	163	10	183	3	1	5	9	8	56	12	76	272
Total	8	1	8	17	57	354	19	430	5	2	27	34	23	178	32	233	714
08:00 AM	3	0	5	8	28	159	12	199	3	1	8	12	7	90	7	104	323
08:15 AM	10	3	13	26	70	150	20	240	0	3	19	22	17	85	25	127	415
08:30 AM	24	12	11	47	102	147	71	320	1	0	22	23	11	95	29	135	525
08:45 AM	31	6	24	61	47	140	21	208	2	2	33	37	17	100	26	143	449
Total	68	21	53	142	247	596	124	967	6	6	82	94	52	370	87	509	1712
Grand Total	76	22	61	159	304	950	143	1397	11	8	109	128	75	548	119	742	2426
Apprch %	47.8	13.8	38.4		21.8	68	10.2		8.6	6.2	85.2		10.1	73.9	16		
Total %	3.1	0.9	2.5	6.6	12.5	39.2	5.9	57.6	0.5	0.3	4.5	5.3	3.1	22.6	4.9	30.6	

	Visions Southbound				Trabuco Road Westbound				Visions Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	3	0	5	8	28	159	12	199	3	1	8	12	7	90	7	104	323
08:15 AM	10	3	13	26	70	150	20	240	0	3	19	22	17	85	25	127	415
08:30 AM	24	12	11	47	102	147	71	320	1	0	22	23	11	95	29	135	525
08:45 AM	31	6	24	61	47	140	21	208	2	2	33	37	17	100	26	143	449
Total Volume	68	21	53	142	247	596	124	967	6	6	82	94	52	370	87	509	1712
% App. Total	47.9	14.8	37.3		25.5	61.6	12.8		6.4	6.4	87.2		10.2	72.7	17.1		
PHF	.548	.438	.552	.582	.605	.937	.437	.755	.500	.500	.621	.635	.765	.925	.750	.890	.815

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File Name : 482_IRV_VIS_TRA AM
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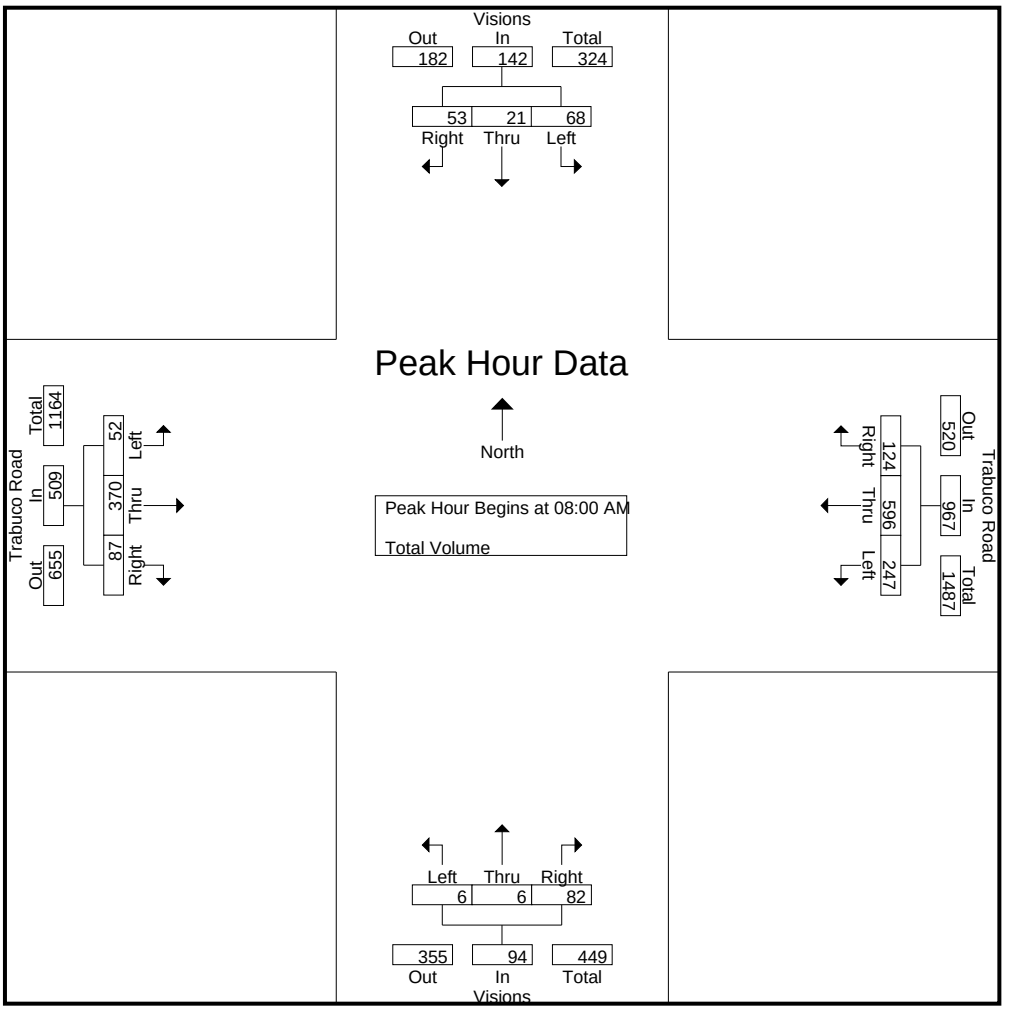

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	3	0	5	8	28	159	12	199	3	1	8	12	7	90	7	104
+15 mins.	10	3	13	26	70	150	20	240	0	3	19	22	17	85	25	127
+30 mins.	24	12	11	47	102	147	71	320	1	0	22	23	11	95	29	135
+45 mins.	31	6	24	61	47	140	21	208	2	2	33	37	17	100	26	143
Total Volume	68	21	53	142	247	596	124	967	6	6	82	94	52	370	87	509
% App. Total	47.9	14.8	37.3		25.5	61.6	12.8		6.4	6.4	87.2		10.2	72.7	17.1	
PHF	.548	.438	.552	.582	.605	.937	.437	.755	.500	.500	.621	.635	.765	.925	.750	.890

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Groups Printed- Total Volume

	Visions Southbound				Trabuco Road Westbound				Visions Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	1	4	7	10	133	7	150	3	1	3	7	9	135	8	152	316
04:15 PM	7	1	13	21	10	125	2	137	6	1	6	13	4	139	3	146	317
04:30 PM	3	0	6	9	4	136	4	144	2	3	6	11	8	134	5	147	311
04:45 PM	4	0	3	7	4	126	8	138	2	0	6	8	2	141	2	145	298
Total	16	2	26	44	28	520	21	569	13	5	21	39	23	549	18	590	1242
05:00 PM	8	0	5	13	7	137	2	146	2	0	12	14	13	156	1	170	343
05:15 PM	5	0	10	15	4	163	5	172	1	3	11	15	14	175	4	193	395
05:30 PM	9	1	11	21	6	110	6	122	4	2	8	14	8	191	1	200	357
05:45 PM	9	2	12	23	2	136	7	145	1	1	7	9	2	172	1	175	352
Total	31	3	38	72	19	546	20	585	8	6	38	52	37	694	7	738	1447
Grand Total	47	5	64	116	47	1066	41	1154	21	11	59	91	60	1243	25	1328	2689
Apprch %	40.5	4.3	55.2		4.1	92.4	3.6		23.1	12.1	64.8		4.5	93.6	1.9		
Total %	1.7	0.2	2.4	4.3	1.7	39.6	1.5	42.9	0.8	0.4	2.2	3.4	2.2	46.2	0.9	49.4	

	Visions Southbound				Trabuco Road Westbound				Visions Northbound				Trabuco Road Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	8	0	5	13	7	137	2	146	2	0	12	14	13	156	1	170	343
05:15 PM	5	0	10	15	4	163	5	172	1	3	11	15	14	175	4	193	395
05:30 PM	9	1	11	21	6	110	6	122	4	2	8	14	8	191	1	200	357
05:45 PM	9	2	12	23	2	136	7	145	1	1	7	9	2	172	1	175	352
Total Volume	31	3	38	72	19	546	20	585	8	6	38	52	37	694	7	738	1447
% App. Total	43.1	4.2	52.8		3.2	93.3	3.4		15.4	11.5	73.1		5	94	0.9		
PHF	.861	.375	.792	.783	.679	.837	.714	.850	.500	.500	.792	.867	.661	.908	.438	.923	.916

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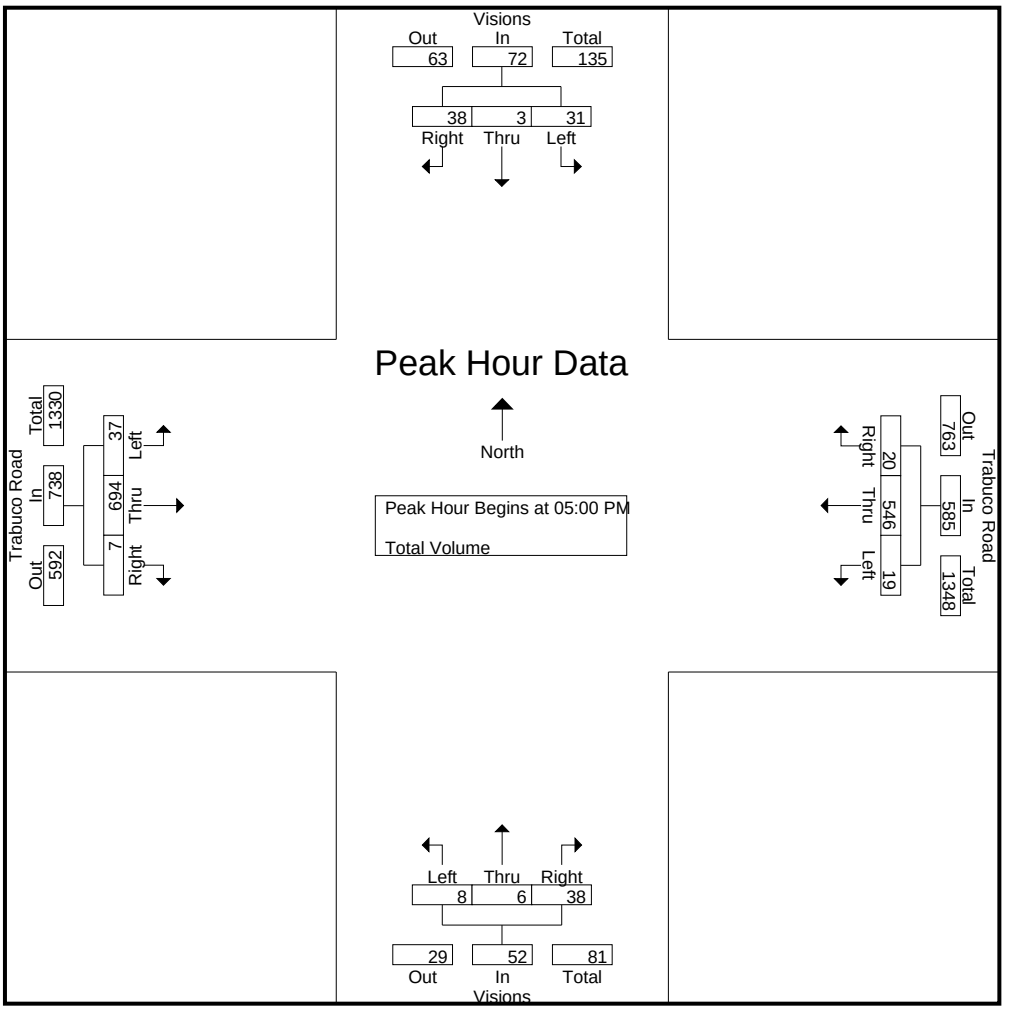

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	8	0	5	13	4	136	4	144	2	0	12	14	13	156	1	170
+15 mins.	5	0	10	15	4	126	8	138	1	3	11	15	14	175	4	193
+30 mins.	9	1	11	21	7	137	2	146	4	2	8	14	8	191	1	200
+45 mins.	9	2	12	23	4	163	5	172	1	1	7	9	2	172	1	175
Total Volume	31	3	38	72	19	562	19	600	8	6	38	52	37	694	7	738
% App. Total	43.1	4.2	52.8		3.2	93.7	3.2		15.4	11.5	73.1		5	94	0.9	
PHF	.861	.375	.792	.783	.679	.862	.594	.872	.500	.500	.792	.867	.661	.908	.438	.923

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Weather: Clear

File Name : 484_IRV_SANDCYN_ROO AM
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Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Roosevelt Westbound				Sand Canyon Avenue Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	308	5	315	2	0	3	5	4	141	3	148	4	1	14	19	487
07:15 AM	1	376	3	380	2	1	1	4	4	178	2	184	8	2	23	33	601
07:30 AM	1	435	2	438	2	2	5	9	9	211	6	226	12	0	25	37	710
07:45 AM	4	475	12	491	5	8	6	19	8	174	4	186	10	2	30	42	738
Total	8	1594	22	1624	11	11	15	37	25	704	15	744	34	5	92	131	2536
08:00 AM	1	448	9	458	5	10	9	24	4	175	7	186	19	1	30	50	718
08:15 AM	3	485	10	498	5	1	3	9	6	174	6	186	23	7	41	71	764
08:30 AM	3	465	8	476	3	3	1	7	5	171	5	181	12	3	34	49	713
08:45 AM	5	512	4	521	5	3	14	22	13	167	6	186	11	1	39	51	780
Total	12	1910	31	1953	18	17	27	62	28	687	24	739	65	12	144	221	2975
Grand Total	20	3504	53	3577	29	28	42	99	53	1391	39	1483	99	17	236	352	5511
Apprch %	0.6	98	1.5		29.3	28.3	42.4		3.6	93.8	2.6		28.1	4.8	67		
Total %	0.4	63.6	1	64.9	0.5	0.5	0.8	1.8	1	25.2	0.7	26.9	1.8	0.3	4.3	6.4	

	Sand Canyon Avenue Southbound				Roosevelt Westbound				Sand Canyon Avenue Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	448	9	458	5	10	9	24	4	175	7	186	19	1	30	50	718
08:15 AM	3	485	10	498	5	1	3	9	6	174	6	186	23	7	41	71	764
08:30 AM	3	465	8	476	3	3	1	7	5	171	5	181	12	3	34	49	713
08:45 AM	5	512	4	521	5	3	14	22	13	167	6	186	11	1	39	51	780
Total Volume	12	1910	31	1953	18	17	27	62	28	687	24	739	65	12	144	221	2975
% App. Total	0.6	97.8	1.6		29	27.4	43.5		3.8	93	3.2		29.4	5.4	65.2		
PHF	.600	.933	.775	.937	.900	.425	.482	.646	.538	.981	.857	.993	.707	.429	.878	.778	.954

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File Name : 484_IRV_SANDCYN_ROO AM
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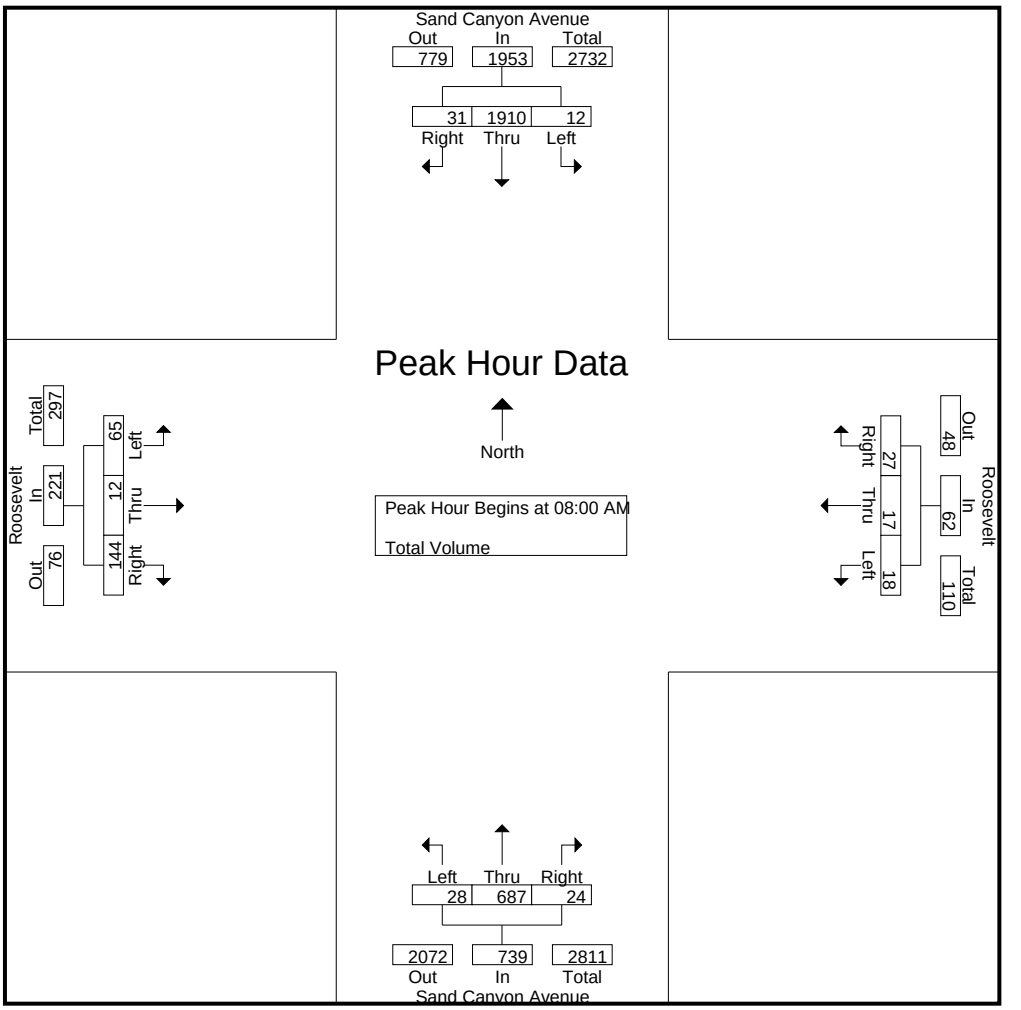

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:30 AM				08:00 AM			
+0 mins.	1	448	9	458	5	10	9	24	9	211	6	226	19	1	30	50
+15 mins.	3	485	10	498	5	1	3	9	8	174	4	186	23	7	41	71
+30 mins.	3	465	8	476	3	3	1	7	4	175	7	186	12	3	34	49
+45 mins.	5	512	4	521	5	3	14	22	6	174	6	186	11	1	39	51
Total Volume	12	1910	31	1953	18	17	27	62	27	734	23	784	65	12	144	221
% App. Total	0.6	97.8	1.6		29	27.4	43.5		3.4	93.6	2.9		29.4	5.4	65.2	
PHF	.600	.933	.775	.937	.900	.425	.482	.646	.750	.870	.821	.867	.707	.429	.878	.778

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N/S: Sand Canyon Avenue
E/W: Roosevelt
Weather: Clear

File Name : 484_IRV_SANDCYN_ROO PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Roosevelt Westbound				Sand Canyon Avenue Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	4	250	11	265	2	1	3	6	28	451	6	485	14	4	17	35	791
04:15 PM	3	245	7	255	4	1	5	10	18	446	8	472	12	2	25	39	776
04:30 PM	6	225	10	241	1	0	3	4	21	443	7	471	19	2	15	36	752
04:45 PM	5	208	8	221	5	1	6	12	16	487	6	509	14	1	15	30	772
Total	18	928	36	982	12	3	17	32	83	1827	27	1937	59	9	72	140	3091
05:00 PM	3	184	16	203	4	1	2	7	30	458	16	504	24	2	15	41	755
05:15 PM	10	210	8	228	5	2	8	15	23	476	4	503	22	1	15	38	784
05:30 PM	6	218	16	240	3	2	6	11	21	532	9	562	29	2	23	54	867
05:45 PM	6	250	8	264	2	0	3	5	14	454	17	485	30	3	13	46	800
Total	25	862	48	935	14	5	19	38	88	1920	46	2054	105	8	66	179	3206
Grand Total	43	1790	84	1917	26	8	36	70	171	3747	73	3991	164	17	138	319	6297
Apprch %	2.2	93.4	4.4		37.1	11.4	51.4		4.3	93.9	1.8		51.4	5.3	43.3		
Total %	0.7	28.4	1.3	30.4	0.4	0.1	0.6	1.1	2.7	59.5	1.2	63.4	2.6	0.3	2.2	5.1	

	Sand Canyon Avenue Southbound				Roosevelt Westbound				Sand Canyon Avenue Northbound				Roosevelt Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	3	184	16	203	4	1	2	7	30	458	16	504	24	2	15	41	755
05:15 PM	10	210	8	228	5	2	8	15	23	476	4	503	22	1	15	38	784
05:30 PM	6	218	16	240	3	2	6	11	21	532	9	562	29	2	23	54	867
05:45 PM	6	250	8	264	2	0	3	5	14	454	17	485	30	3	13	46	800
Total Volume	25	862	48	935	14	5	19	38	88	1920	46	2054	105	8	66	179	3206
% App. Total	2.7	92.2	5.1		36.8	13.2	50		4.3	93.5	2.2		58.7	4.5	36.9		
PHF	.625	.862	.750	.885	.700	.625	.594	.633	.733	.902	.676	.914	.875	.667	.717	.829	.924

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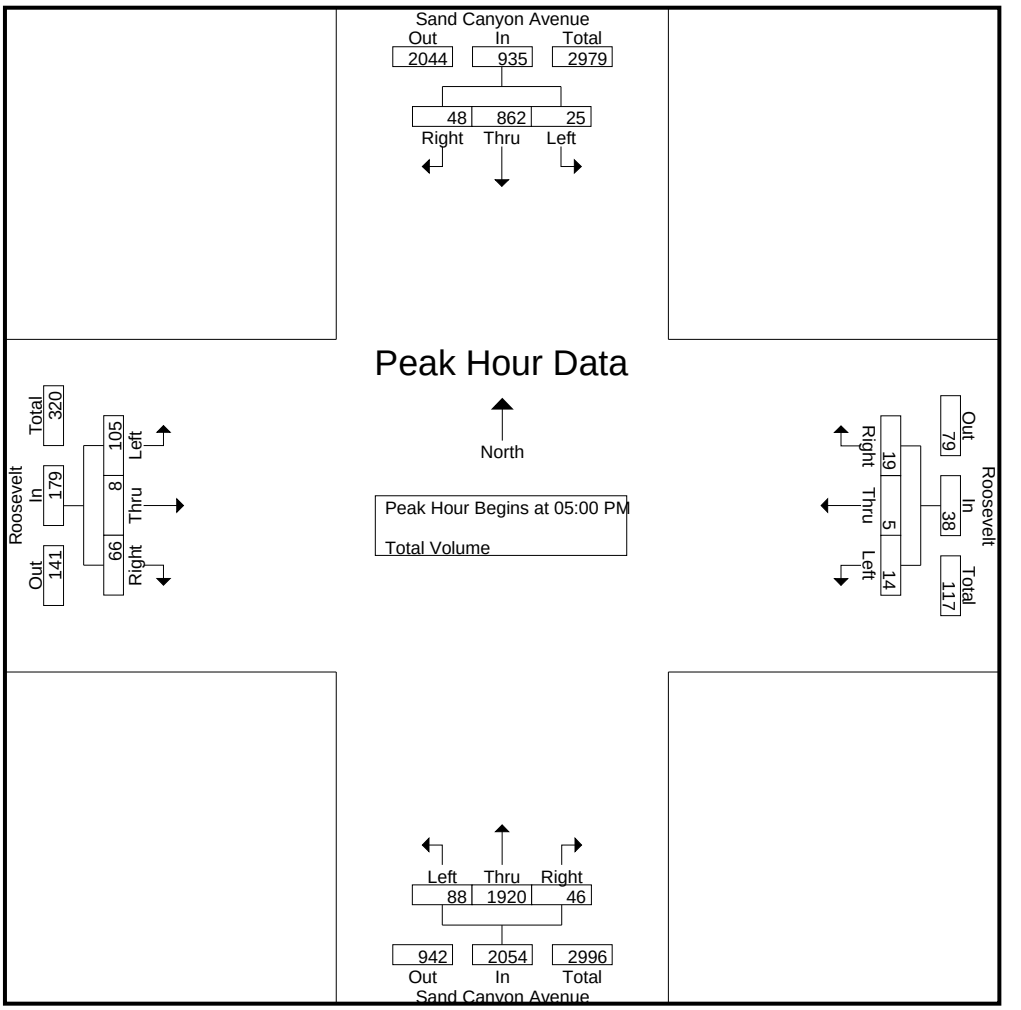
City of Irvine
N/S: Sand Canyon Avenue
E/W: Roosevelt
Weather: Clear

File Name : 484_IRV_SANDCYN_ROO PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:45 PM				05:00 PM			
+0 mins.	4	250	11	265	5	1	6	12	16	487	6	509	24	2	15	41
+15 mins.	3	245	7	255	4	1	2	7	30	458	16	504	22	1	15	38
+30 mins.	6	225	10	241	5	2	8	15	23	476	4	503	29	2	23	54
+45 mins.	5	208	8	221	3	2	6	11	21	532	9	562	30	3	13	46
Total Volume	18	928	36	982	17	6	22	45	90	1953	35	2078	105	8	66	179
% App. Total	1.8	94.5	3.7		37.8	13.3	48.9		4.3	94	1.7		58.7	4.5	36.9	
PHF	.750	.928	.818	.926	.850	.750	.688	.750	.750	.918	.547	.924	.875	.667	.717	.829

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Nightmist
Weather: Clear

File Name : 485_IRV_SANDCYN_NM AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Nightmist Westbound				Sand Canyon Avenue Northbound				Nightmist Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	309	2	313	19	1	16	36	6	129	4	139	1	0	34	35	523
07:15 AM	3	386	1	390	19	2	5	26	11	185	7	203	0	2	44	46	665
07:30 AM	5	450	5	460	39	5	6	50	14	205	6	225	2	1	61	64	799
07:45 AM	5	476	6	487	34	11	4	49	29	179	5	213	6	3	74	83	832
Total	15	1621	14	1650	111	19	31	161	60	698	22	780	9	6	213	228	2819
08:00 AM	2	453	3	458	28	14	5	47	31	187	10	228	10	7	82	99	832
08:15 AM	7	501	1	509	29	4	1	34	13	176	6	195	12	8	66	86	824
08:30 AM	4	491	3	498	27	4	3	34	13	160	12	185	1	0	69	70	787
08:45 AM	12	462	2	476	25	1	5	31	21	185	9	215	3	5	77	85	807
Total	25	1907	9	1941	109	23	14	146	78	708	37	823	26	20	294	340	3250
Grand Total	40	3528	23	3591	220	42	45	307	138	1406	59	1603	35	26	507	568	6069
Apprch %	1.1	98.2	0.6		71.7	13.7	14.7		8.6	87.7	3.7		6.2	4.6	89.3		
Total %	0.7	58.1	0.4	59.2	3.6	0.7	0.7	5.1	2.3	23.2	1	26.4	0.6	0.4	8.4	9.4	

	Sand Canyon Avenue Southbound				Nightmist Westbound				Sand Canyon Avenue Northbound				Nightmist Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	5	450	5	460	39	5	6	50	14	205	6	225	2	1	61	64	799
07:45 AM	5	476	6	487	34	11	4	49	29	179	5	213	6	3	74	83	832
08:00 AM	2	453	3	458	28	14	5	47	31	187	10	228	10	7	82	99	832
08:15 AM	7	501	1	509	29	4	1	34	13	176	6	195	12	8	66	86	824
Total Volume	19	1880	15	1914	130	34	16	180	87	747	27	861	30	19	283	332	3287
% App. Total	1	98.2	0.8		72.2	18.9	8.9		10.1	86.8	3.1		9	5.7	85.2		
PHF	.679	.938	.625	.940	.833	.607	.667	.900	.702	.911	.675	.944	.625	.594	.863	.838	.988

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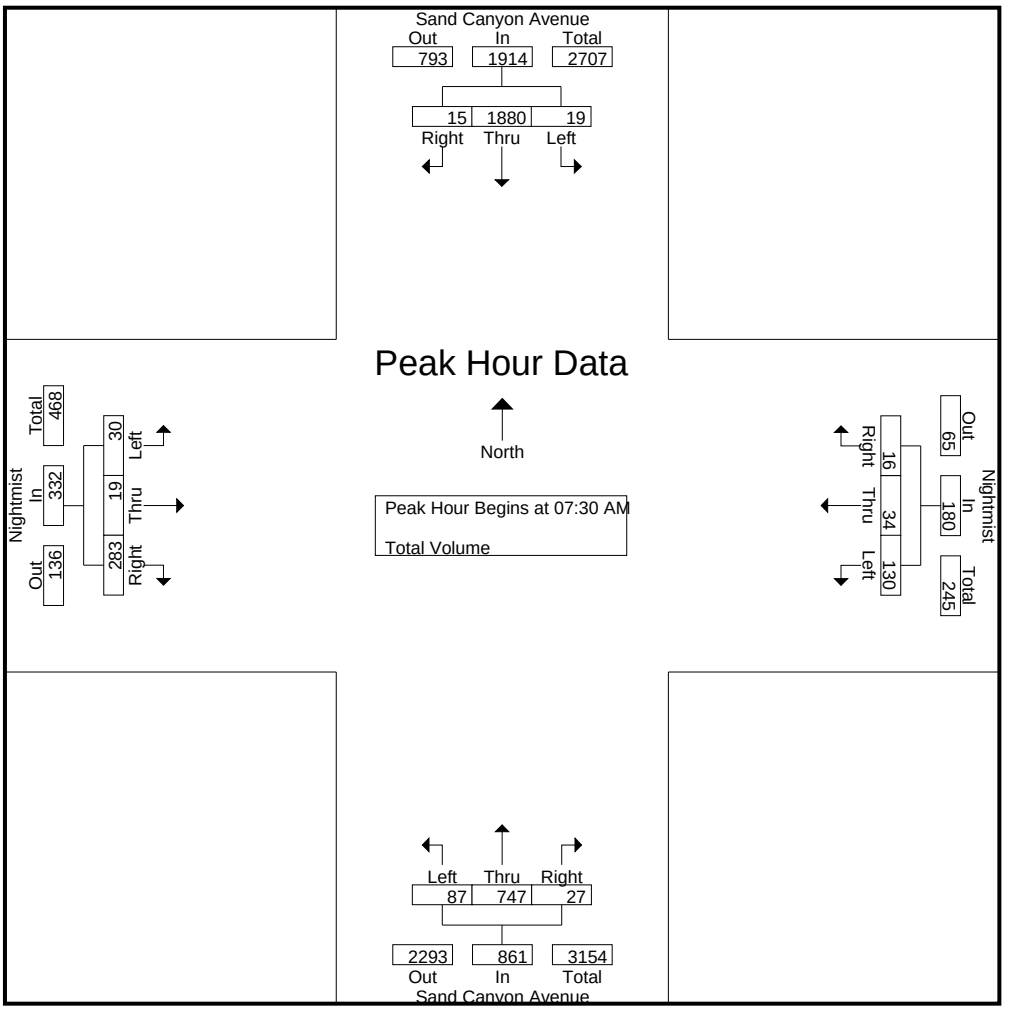
City of Irvine
N/S: Sand Canyon Avenue
E/W: Nightmist
Weather: Clear

File Name : 485_IRV_SANDCYN_NM AM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:15 AM				08:00 AM			
+0 mins.	5	476	6	487	39	5	6	50	11	185	7	203	10	7	82	99
+15 mins.	2	453	3	458	34	11	4	49	14	205	6	225	12	8	66	86
+30 mins.	7	501	1	509	28	14	5	47	29	179	5	213	1	0	69	70
+45 mins.	4	491	3	498	29	4	1	34	31	187	10	228	3	5	77	85
Total Volume	18	1921	13	1952	130	34	16	180	85	756	28	869	26	20	294	340
% App. Total	0.9	98.4	0.7		72.2	18.9	8.9		9.8	87	3.2		7.6	5.9	86.5	
PHF	.643	.959	.542	.959	.833	.607	.667	.900	.685	.922	.700	.953	.542	.625	.896	.859

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City of Irvine
N/S: Sand Canyon Avenue
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File Name : 485_IRV_SANDCYN_NM PM
Site Code : 05124139
Start Date : 2/8/2024
Page No : 1

Groups Printed- Total Volume

	Sand Canyon Avenue Southbound				Nightmist Westbound				Sand Canyon Avenue Northbound				Nightmist Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	245	6	258	12	0	8	20	40	475	13	528	2	5	24	31	837
04:15 PM	5	269	8	282	21	0	3	24	31	487	6	524	1	4	25	30	860
04:30 PM	4	224	6	234	12	1	7	20	50	483	11	544	0	7	21	28	826
04:45 PM	3	219	3	225	8	1	4	13	42	454	15	511	1	4	29	34	783
Total	19	957	23	999	53	2	22	77	163	1899	45	2107	4	20	99	123	3306
05:00 PM	1	206	7	214	12	0	3	15	43	498	14	555	1	3	28	32	816
05:15 PM	1	235	7	243	13	0	3	16	49	524	14	587	1	1	26	28	874
05:30 PM	4	230	6	240	12	0	0	12	52	550	19	621	0	10	28	38	911
05:45 PM	1	260	8	269	10	0	2	12	44	483	16	543	0	1	28	29	853
Total	7	931	28	966	47	0	8	55	188	2055	63	2306	2	15	110	127	3454
Grand Total	26	1888	51	1965	100	2	30	132	351	3954	108	4413	6	35	209	250	6760
Apprch %	1.3	96.1	2.6		75.8	1.5	22.7		8	89.6	2.4		2.4	14	83.6		
Total %	0.4	27.9	0.8	29.1	1.5	0	0.4	2	5.2	58.5	1.6	65.3	0.1	0.5	3.1	3.7	

	Sand Canyon Avenue Southbound				Nightmist Westbound				Sand Canyon Avenue Northbound				Nightmist Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	206	7	214	12	0	3	15	43	498	14	555	1	3	28	32	816
05:15 PM	1	235	7	243	13	0	3	16	49	524	14	587	1	1	26	28	874
05:30 PM	4	230	6	240	12	0	0	12	52	550	19	621	0	10	28	38	911
05:45 PM	1	260	8	269	10	0	2	12	44	483	16	543	0	1	28	29	853
Total Volume	7	931	28	966	47	0	8	55	188	2055	63	2306	2	15	110	127	3454
% App. Total	0.7	96.4	2.9		85.5	0	14.5		8.2	89.1	2.7		1.6	11.8	86.6		
PHF	.438	.895	.875	.898	.904	.000	.667	.859	.904	.934	.829	.928	.500	.375	.982	.836	.948

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City of Irvine
N/S: Sand Canyon Avenue
E/W: Nightmist
Weather: Clear

File Name : 485_IRV_SANDCYN_NM PM
Site Code : 05124139
Start Date : 2/8/2024
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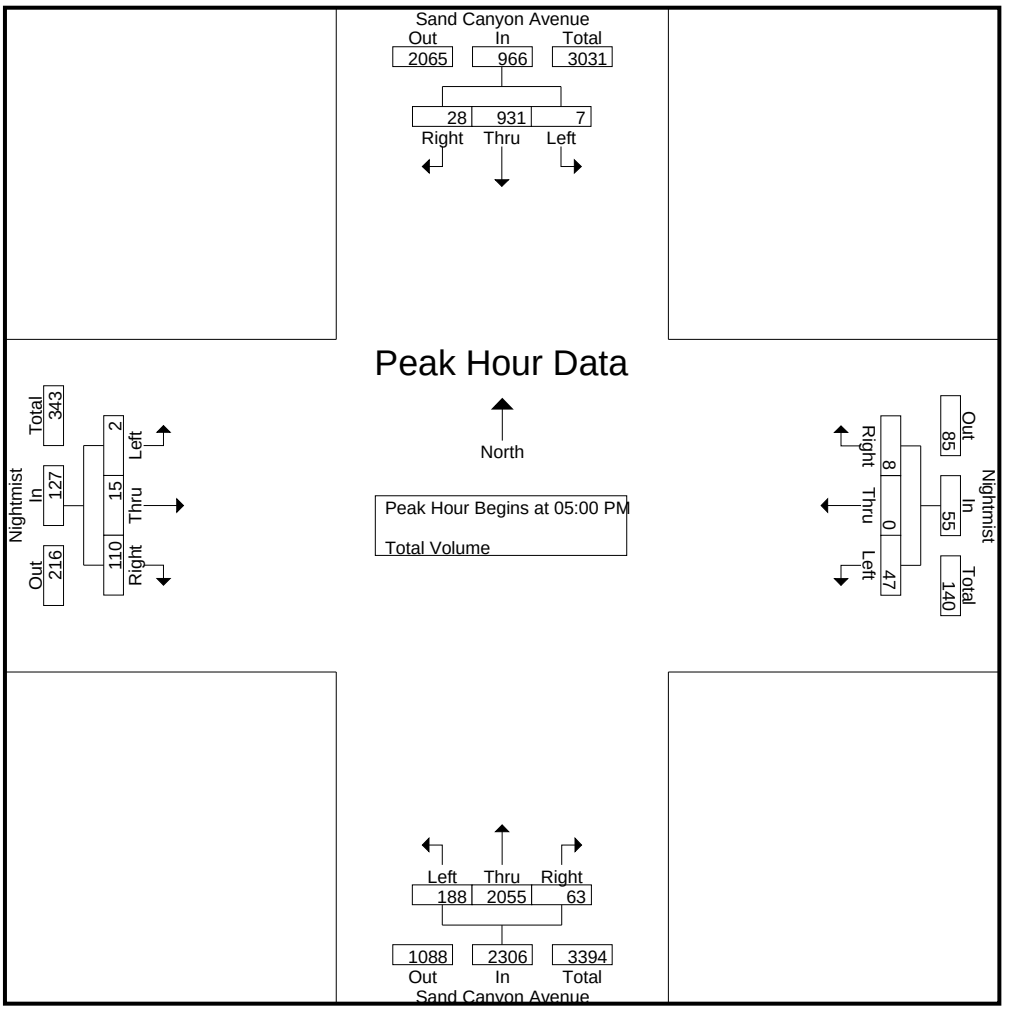

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				05:00 PM				04:45 PM			
+0 mins.	7	245	6	258	12	0	8	20	43	498	14	555	1	4	29	34
+15 mins.	5	269	8	282	21	0	3	24	49	524	14	587	1	3	28	32
+30 mins.	4	224	6	234	12	1	7	20	52	550	19	621	1	1	26	28
+45 mins.	3	219	3	225	8	1	4	13	44	483	16	543	0	10	28	38
Total Volume	19	957	23	999	53	2	22	77	188	2055	63	2306	3	18	111	132
% App. Total	1.9	95.8	2.3		68.8	2.6	28.6		8.2	89.1	2.7		2.3	13.6	84.1	
PHF	.679	.889	.719	.886	.631	.500	.688	.802	.904	.934	.829	.928	.750	.450	.957	.868

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City of Lake Forest
N/S: Alton Parkway
E/W: Town Centre Dr S/Rancho Pkwy S
Weather: Clear

File Name : 514_LKF_ALTON_RAS AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Rancho Parkway S Westbound				Alton Parkway Northbound				Town Centre Drive S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	19	73	14	106	18	5	3	26	14	121	8	143	4	4	30	38	313
07:15 AM	14	85	23	122	24	6	6	36	11	168	4	183	4	1	37	42	383
07:30 AM	17	114	32	163	44	4	6	54	11	159	3	173	6	14	50	70	460
07:45 AM	19	169	43	231	37	6	7	50	19	220	14	253	11	4	43	58	592
Total	69	441	112	622	123	21	22	166	55	668	29	752	25	23	160	208	1748
08:00 AM	15	119	37	171	48	4	8	60	24	236	14	274	8	7	48	63	568
08:15 AM	18	111	27	156	50	8	10	68	34	236	7	277	4	7	39	50	551
08:30 AM	17	117	39	173	38	9	7	54	31	207	9	247	2	9	28	39	513
08:45 AM	17	105	34	156	33	4	8	45	42	182	12	236	6	7	21	34	471
Total	67	452	137	656	169	25	33	227	131	861	42	1034	20	30	136	186	2103
Grand Total	136	893	249	1278	292	46	55	393	186	1529	71	1786	45	53	296	394	3851
Apprch %	10.6	69.9	19.5		74.3	11.7	14		10.4	85.6	4		11.4	13.5	75.1		
Total %	3.5	23.2	6.5	33.2	7.6	1.2	1.4	10.2	4.8	39.7	1.8	46.4	1.2	1.4	7.7	10.2	

	Alton Parkway Southbound				Rancho Parkway S Westbound				Alton Parkway Northbound				Town Centre Drive S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	19	169	43	231	37	6	7	50	19	220	14	253	11	4	43	58	592
08:00 AM	15	119	37	171	48	4	8	60	24	236	14	274	8	7	48	63	568
08:15 AM	18	111	27	156	50	8	10	68	34	236	7	277	4	7	39	50	551
08:30 AM	17	117	39	173	38	9	7	54	31	207	9	247	2	9	28	39	513
Total Volume	69	516	146	731	173	27	32	232	108	899	44	1051	25	27	158	210	2224
% App. Total	9.4	70.6	20		74.6	11.6	13.8		10.3	85.5	4.2		11.9	12.9	75.2		
PHF	.908	.763	.849	.791	.865	.750	.800	.853	.794	.952	.786	.949	.568	.750	.823	.833	.939

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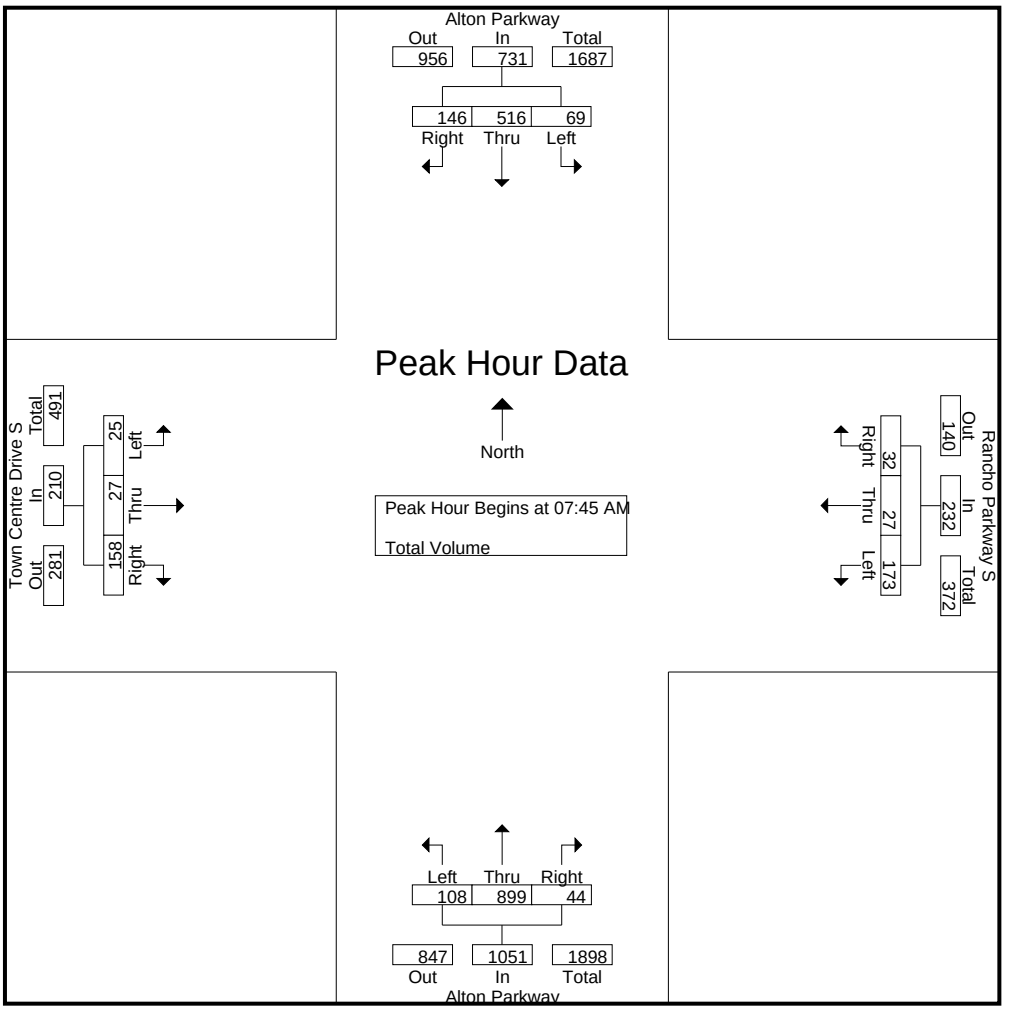
City of Lake Forest
N/S: Alton Parkway
E/W: Town Centre Dr S/Rancho Pkwy S
Weather: Clear

File Name : 514_LKF_ALTON_RAS AM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	19	169	43	231	44	4	6	54	19	220	14	253	6	14	50	70
+15 mins.	15	119	37	171	37	6	7	50	24	236	14	274	11	4	43	58
+30 mins.	18	111	27	156	48	4	8	60	34	236	7	277	8	7	48	63
+45 mins.	17	117	39	173	50	8	10	68	31	207	9	247	4	7	39	50
Total Volume	69	516	146	731	179	22	31	232	108	899	44	1051	29	32	180	241
% App. Total	9.4	70.6	20		77.2	9.5	13.4		10.3	85.5	4.2		12	13.3	74.7	
PHF	.908	.763	.849	.791	.895	.688	.775	.853	.794	.952	.786	.949	.659	.571	.900	.861

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City of Lake Forest
N/S: Alton Parkway
E/W: Town Centre Dr S/Rancho Pkwy S
Weather: Clear

File Name : 514_LKF_ALTON_RAS PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Rancho Parkway S Westbound				Alton Parkway Northbound				Town Centre Drive S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	29	212	23	264	32	5	20	57	8	113	5	126	3	10	47	60	507
04:15 PM	26	189	19	234	33	7	15	55	7	146	3	156	1	11	21	33	478
04:30 PM	29	197	25	251	31	5	13	49	7	123	5	135	3	5	41	49	484
04:45 PM	22	232	19	273	29	6	15	50	13	128	8	149	3	1	28	32	504
Total	106	830	86	1022	125	23	63	211	35	510	21	566	10	27	137	174	1973
05:00 PM	27	251	21	299	58	8	22	88	8	155	8	171	3	10	44	57	615
05:15 PM	32	237	37	306	41	5	27	73	6	138	4	148	2	6	27	35	562
05:30 PM	33	251	26	310	51	15	10	76	3	133	5	141	4	4	28	36	563
05:45 PM	30	234	26	290	31	4	18	53	4	155	3	162	1	5	18	24	529
Total	122	973	110	1205	181	32	77	290	21	581	20	622	10	25	117	152	2269
Grand Total	228	1803	196	2227	306	55	140	501	56	1091	41	1188	20	52	254	326	4242
Apprch %	10.2	81	8.8		61.1	11	27.9		4.7	91.8	3.5		6.1	16	77.9		
Total %	5.4	42.5	4.6	52.5	7.2	1.3	3.3	11.8	1.3	25.7	1	28	0.5	1.2	6	7.7	

	Alton Parkway Southbound				Rancho Parkway S Westbound				Alton Parkway Northbound				Town Centre Drive S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	27	251	21	299	58	8	22	88	8	155	8	171	3	10	44	57	615
05:15 PM	32	237	37	306	41	5	27	73	6	138	4	148	2	6	27	35	562
05:30 PM	33	251	26	310	51	15	10	76	3	133	5	141	4	4	28	36	563
05:45 PM	30	234	26	290	31	4	18	53	4	155	3	162	1	5	18	24	529
Total Volume	122	973	110	1205	181	32	77	290	21	581	20	622	10	25	117	152	2269
% App. Total	10.1	80.7	9.1		62.4	11	26.6		3.4	93.4	3.2		6.6	16.4	77		
PHF	.924	.969	.743	.972	.780	.533	.713	.824	.656	.937	.625	.909	.625	.625	.665	.667	.922

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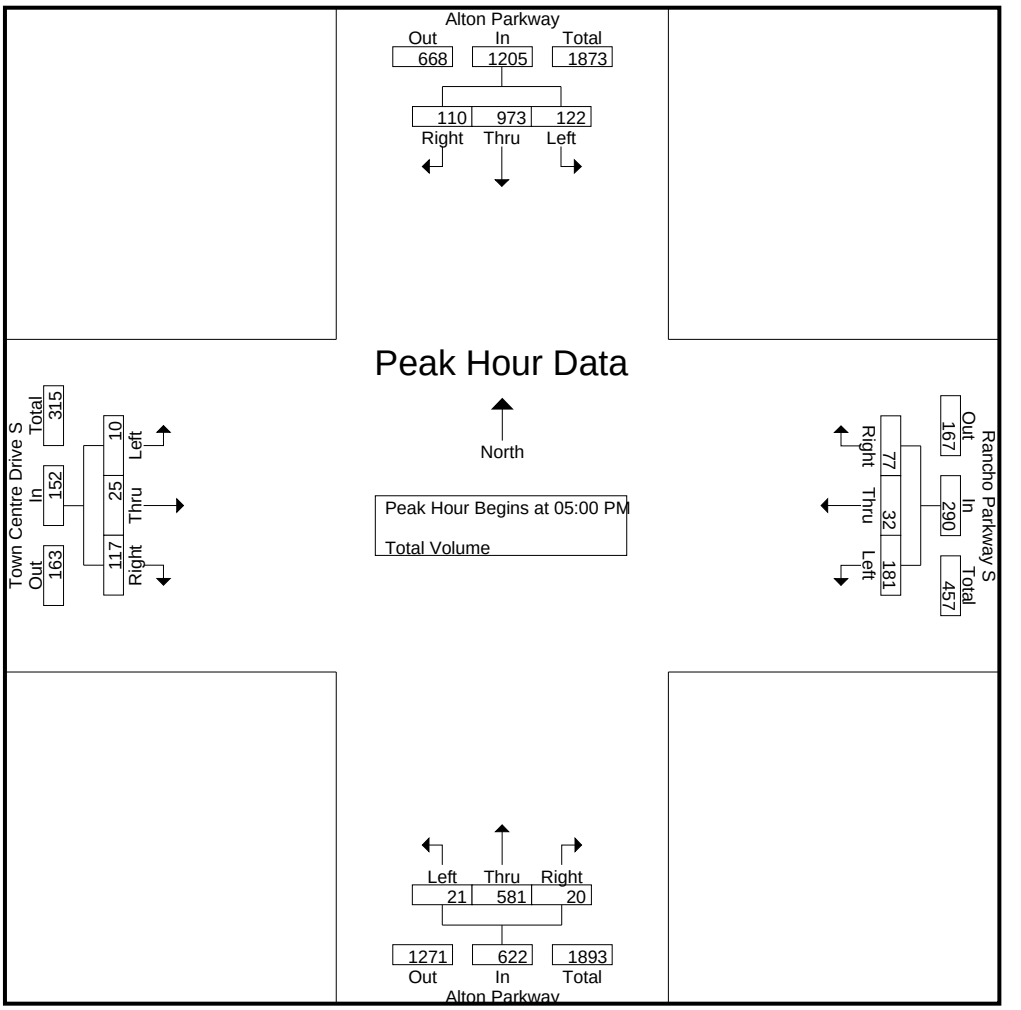
City of Lake Forest
N/S: Alton Parkway
E/W: Town Centre Dr S/Rancho Pkwy S
Weather: Clear

File Name : 514_LKF_ALTON_RAS PM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				04:00 PM			
+0 mins.	27	251	21	299	58	8	22	88	8	155	8	171	3	10	47	60
+15 mins.	32	237	37	306	41	5	27	73	6	138	4	148	1	11	21	33
+30 mins.	33	251	26	310	51	15	10	76	3	133	5	141	3	5	41	49
+45 mins.	30	234	26	290	31	4	18	53	4	155	3	162	3	1	28	32
Total Volume	122	973	110	1205	181	32	77	290	21	581	20	622	10	27	137	174
% App. Total	10.1	80.7	9.1		62.4	11	26.6		3.4	93.4	3.2		5.7	15.5	78.7	
PHF	.924	.969	.743	.972	.780	.533	.713	.824	.656	.937	.625	.909	.833	.614	.729	.725

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City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Parkway N
Weather: Clear

File Name : 515_LKF_BAKE_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound			Rancho Parkway N Westbound			Bake Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	8	86	94	45	14	59	90	50	140	293
07:15 AM	11	134	145	68	11	79	82	47	129	353
07:30 AM	11	122	133	70	19	89	121	55	176	398
07:45 AM	13	175	188	98	20	118	140	84	224	530
Total	43	517	560	281	64	345	433	236	669	1574
08:00 AM	15	197	212	72	15	87	153	67	220	519
08:15 AM	17	170	187	106	20	126	119	50	169	482
08:30 AM	28	152	180	94	26	120	112	69	181	481
08:45 AM	23	122	145	82	30	112	119	63	182	439
Total	83	641	724	354	91	445	503	249	752	1921
Grand Total	126	1158	1284	635	155	790	936	485	1421	3495
Apprch %	9.8	90.2		80.4	19.6		65.9	34.1		
Total %	3.6	33.1	36.7	18.2	4.4	22.6	26.8	13.9	40.7	

	Bake Parkway Southbound			Rancho Parkway N Westbound			Bake Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	13	175	188	98	20	118	140	84	224	530
08:00 AM	15	197	212	72	15	87	153	67	220	519
08:15 AM	17	170	187	106	20	126	119	50	169	482
08:30 AM	28	152	180	94	26	120	112	69	181	481
Total Volume	73	694	767	370	81	451	524	270	794	2012
% App. Total	9.5	90.5		82	18		66	34		
PHF	.652	.881	.904	.873	.779	.895	.856	.804	.886	.949

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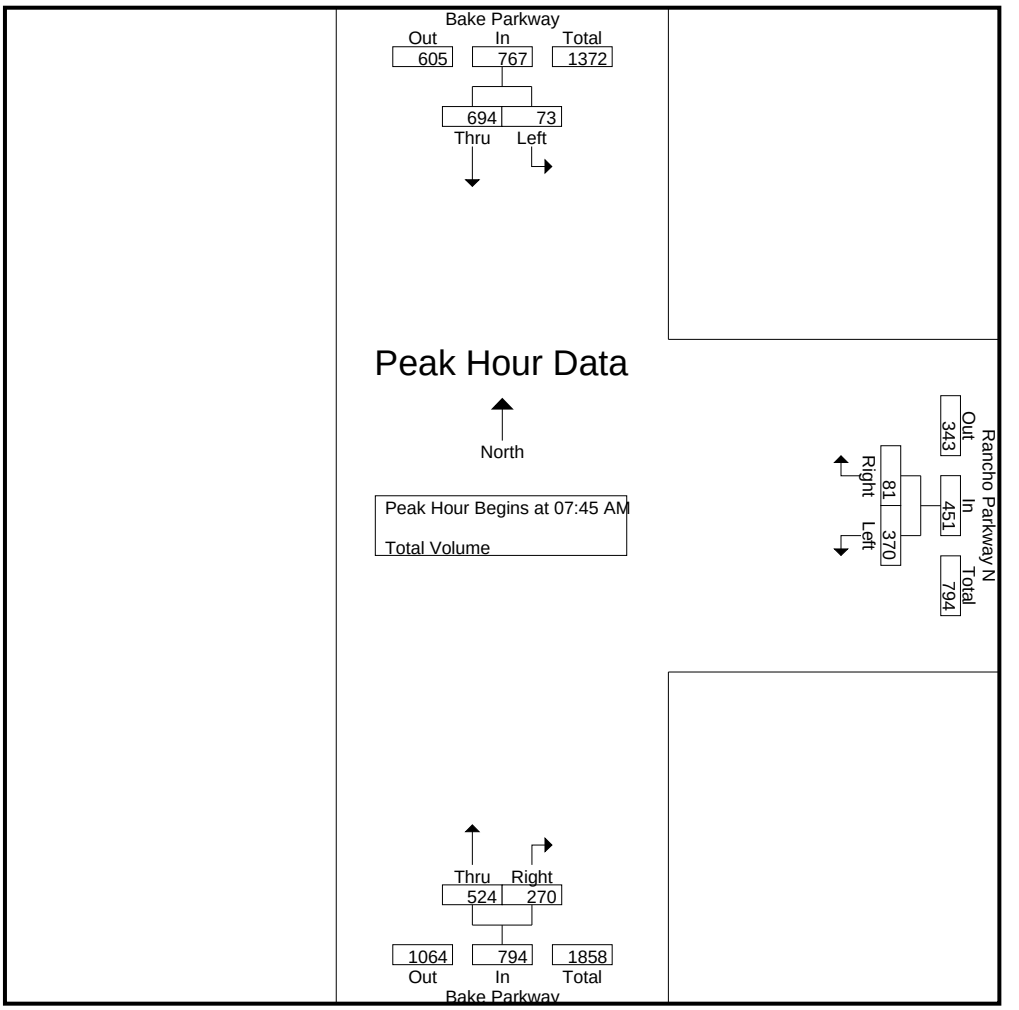
City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Parkway N
Weather: Clear

File Name : 515_LKF_BAKE_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:45 AM		
+0 mins.	13	175	188	98	20	118	140	84	224
+15 mins.	15	197	212	72	15	87	153	67	220
+30 mins.	17	170	187	106	20	126	119	50	169
+45 mins.	28	152	180	94	26	120	112	69	181
Total Volume	73	694	767	370	81	451	524	270	794
% App. Total	9.5	90.5		82	18		66	34	
PHF	.652	.881	.904	.873	.779	.895	.856	.804	.886

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City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Parkway N
Weather: Clear

File Name : 515_LKF_BAKE_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound			Rancho Parkway N Westbound			Bake Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	55	152	207	57	37	94	195	88	283	584
04:15 PM	48	135	183	62	28	90	168	93	261	534
04:30 PM	56	147	203	78	41	119	189	99	288	610
04:45 PM	58	136	194	64	38	102	187	93	280	576
Total	217	570	787	261	144	405	739	373	1112	2304
05:00 PM	55	159	214	67	43	110	197	127	324	648
05:15 PM	68	164	232	73	45	118	178	137	315	665
05:30 PM	59	156	215	66	51	117	222	118	340	672
05:45 PM	49	137	186	57	51	108	187	90	277	571
Total	231	616	847	263	190	453	784	472	1256	2556
Grand Total	448	1186	1634	524	334	858	1523	845	2368	4860
Apprch %	27.4	72.6		61.1	38.9		64.3	35.7		
Total %	9.2	24.4	33.6	10.8	6.9	17.7	31.3	17.4	48.7	

	Bake Parkway Southbound			Rancho Parkway N Westbound			Bake Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	58	136	194	64	38	102	187	93	280	576
05:00 PM	55	159	214	67	43	110	197	127	324	648
05:15 PM	68	164	232	73	45	118	178	137	315	665
05:30 PM	59	156	215	66	51	117	222	118	340	672
Total Volume	240	615	855	270	177	447	784	475	1259	2561
% App. Total	28.1	71.9		60.4	39.6		62.3	37.7		
PHF	.882	.938	.921	.925	.868	.947	.883	.867	.926	.953

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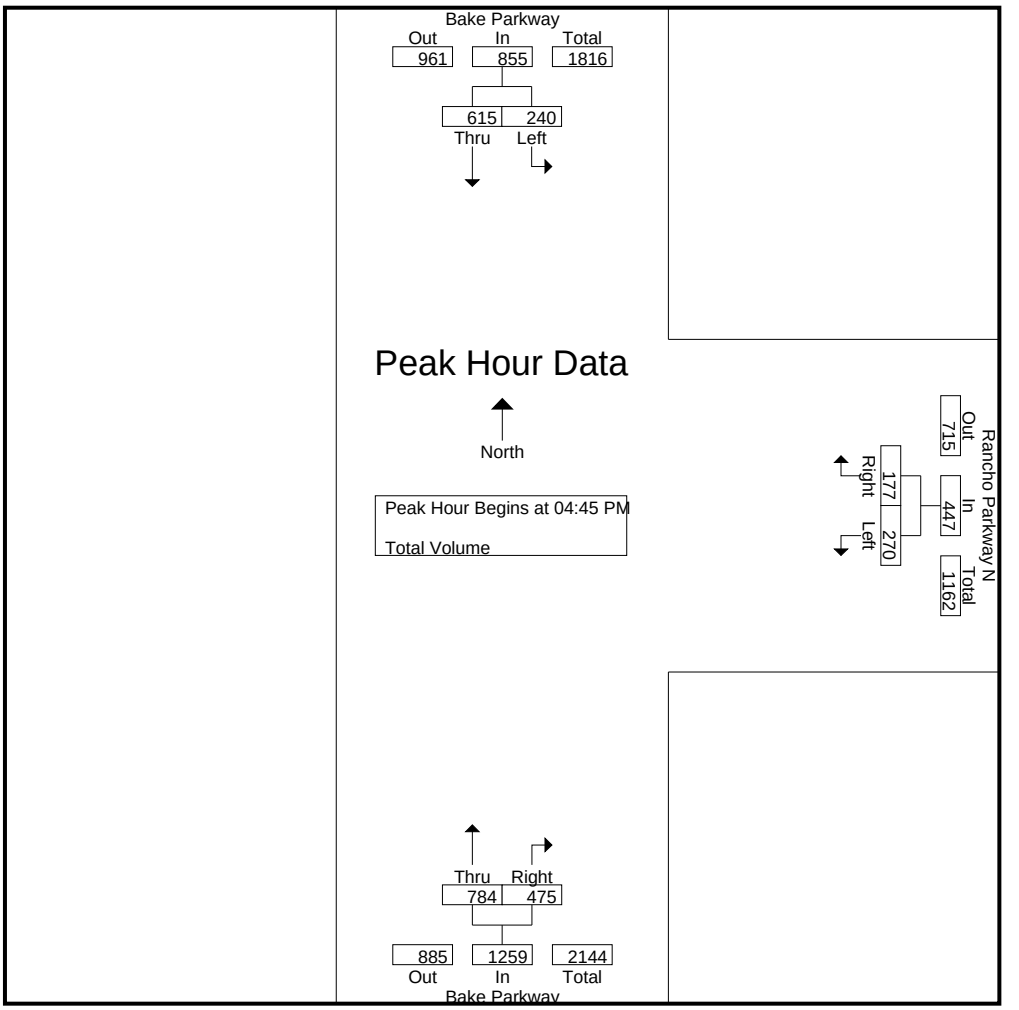
City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Parkway N
Weather: Clear

File Name : 515_LKF_BAKE_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			05:00 PM			04:45 PM		
+0 mins.	58	136	194	67	43	110	187	93	280
+15 mins.	55	159	214	73	45	118	197	127	324
+30 mins.	68	164	232	66	51	117	178	137	315
+45 mins.	59	156	215	57	51	108	222	118	340
Total Volume	240	615	855	263	190	453	784	475	1259
% App. Total	28.1	71.9		58.1	41.9		62.3	37.7	
PHF	.882	.938	.921	.901	.931	.960	.883	.867	.926

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Rancho Parkway N
Weather: Clear

File Name : 516_LKF_LAFO_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Rancho Parkway N Westbound				Lake Forest Drive Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	20	56	11	87	24	45	1	70	21	59	18	98	3	55	3	61	316
07:15 AM	9	86	5	100	37	71	9	117	15	81	22	118	8	43	11	62	397
07:30 AM	14	103	10	127	31	70	6	107	16	83	26	125	6	67	11	84	443
07:45 AM	27	124	16	167	42	101	12	155	18	97	31	146	9	89	14	112	580
Total	70	369	42	481	134	287	28	449	70	320	97	487	26	254	39	319	1736
08:00 AM	25	127	8	160	51	91	15	157	18	97	35	150	5	68	16	89	556
08:15 AM	27	111	20	158	51	98	8	157	30	130	35	195	9	56	9	74	584
08:30 AM	28	92	12	132	43	111	12	166	31	116	31	178	5	67	14	86	562
08:45 AM	29	93	13	135	38	90	18	146	35	78	30	143	5	64	9	78	502
Total	109	423	53	585	183	390	53	626	114	421	131	666	24	255	48	327	2204
Grand Total	179	792	95	1066	317	677	81	1075	184	741	228	1153	50	509	87	646	3940
Apprch %	16.8	74.3	8.9		29.5	63	7.5		16	64.3	19.8		7.7	78.8	13.5		
Total %	4.5	20.1	2.4	27.1	8	17.2	2.1	27.3	4.7	18.8	5.8	29.3	1.3	12.9	2.2	16.4	

	Lake Forest Drive Southbound				Rancho Parkway N Westbound				Lake Forest Drive Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	27	124	16	167	42	101	12	155	18	97	31	146	9	89	14	112	580
08:00 AM	25	127	8	160	51	91	15	157	18	97	35	150	5	68	16	89	556
08:15 AM	27	111	20	158	51	98	8	157	30	130	35	195	9	56	9	74	584
08:30 AM	28	92	12	132	43	111	12	166	31	116	31	178	5	67	14	86	562
Total Volume	107	454	56	617	187	401	47	635	97	440	132	669	28	280	53	361	2282
% App. Total	17.3	73.6	9.1		29.4	63.1	7.4		14.5	65.8	19.7		7.8	77.6	14.7		
PHF	.955	.894	.700	.924	.917	.903	.783	.956	.782	.846	.943	.858	.778	.787	.828	.806	.977

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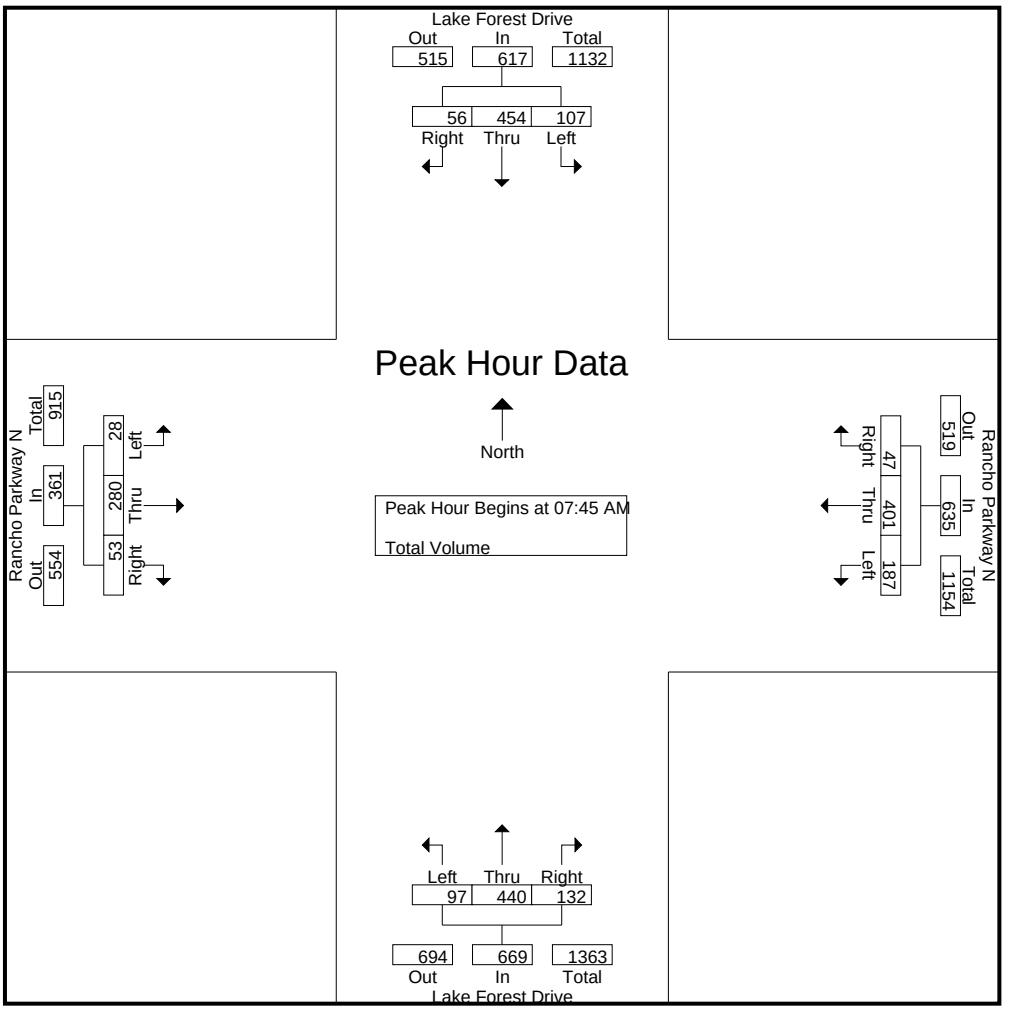
City of Lake Forest
N/S: Lake Forest Drive
E/W: Rancho Parkway N
Weather: Clear

File Name : 516_LKF_LAFO_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	27	124	16	167	42	101	12	155	18	97	31	146	9	89	14	112
+15 mins.	25	127	8	160	51	91	15	157	18	97	35	150	5	68	16	89
+30 mins.	27	111	20	158	51	98	8	157	30	130	35	195	9	56	9	74
+45 mins.	28	92	12	132	43	111	12	166	31	116	31	178	5	67	14	86
Total Volume	107	454	56	617	187	401	47	635	97	440	132	669	28	280	53	361
% App. Total	17.3	73.6	9.1		29.4	63.1	7.4		14.5	65.8	19.7		7.8	77.6	14.7	
PHF	.955	.894	.700	.924	.917	.903	.783	.956	.782	.846	.943	.858	.778	.787	.828	.806

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City of Lake Forest
N/S: Lake Forest Drive
E/W: Rancho Parkway N
Weather: Clear

File Name : 516_LKF_LAFO_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Lake Forest Drive Southbound				Rancho Parkway N Westbound				Lake Forest Drive Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	35	118	9	162	28	72	18	118	36	124	60	220	15	110	23	148	648
04:15 PM	26	112	13	151	41	73	23	137	32	123	54	209	8	91	26	125	622
04:30 PM	28	116	12	156	30	81	11	122	34	116	61	211	11	129	36	176	665
04:45 PM	23	127	5	155	32	91	19	142	38	140	51	229	12	112	22	146	672
Total	112	473	39	624	131	317	71	519	140	503	226	869	46	442	107	595	2607
05:00 PM	35	118	9	162	27	88	22	137	32	146	81	259	8	145	34	187	745
05:15 PM	46	116	16	178	38	103	23	164	37	154	59	250	8	150	21	179	771
05:30 PM	54	104	11	169	40	101	32	173	35	129	61	225	7	145	27	179	746
05:45 PM	30	112	11	153	29	82	21	132	31	125	81	237	11	114	28	153	675
Total	165	450	47	662	134	374	98	606	135	554	282	971	34	554	110	698	2937
Grand Total	277	923	86	1286	265	691	169	1125	275	1057	508	1840	80	996	217	1293	5544
Apprch %	21.5	71.8	6.7		23.6	61.4	15		14.9	57.4	27.6		6.2	77	16.8		
Total %	5	16.6	1.6	23.2	4.8	12.5	3	20.3	5	19.1	9.2	33.2	1.4	18	3.9	23.3	

	Lake Forest Drive Southbound				Rancho Parkway N Westbound				Lake Forest Drive Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	35	118	9	162	27	88	22	137	32	146	81	259	8	145	34	187	745
05:15 PM	46	116	16	178	38	103	23	164	37	154	59	250	8	150	21	179	771
05:30 PM	54	104	11	169	40	101	32	173	35	129	61	225	7	145	27	179	746
05:45 PM	30	112	11	153	29	82	21	132	31	125	81	237	11	114	28	153	675
Total Volume	165	450	47	662	134	374	98	606	135	554	282	971	34	554	110	698	2937
% App. Total	24.9	68	7.1		22.1	61.7	16.2		13.9	57.1	29		4.9	79.4	15.8		
PHF	.764	.953	.734	.930	.838	.908	.766	.876	.912	.899	.870	.937	.773	.923	.809	.933	.952

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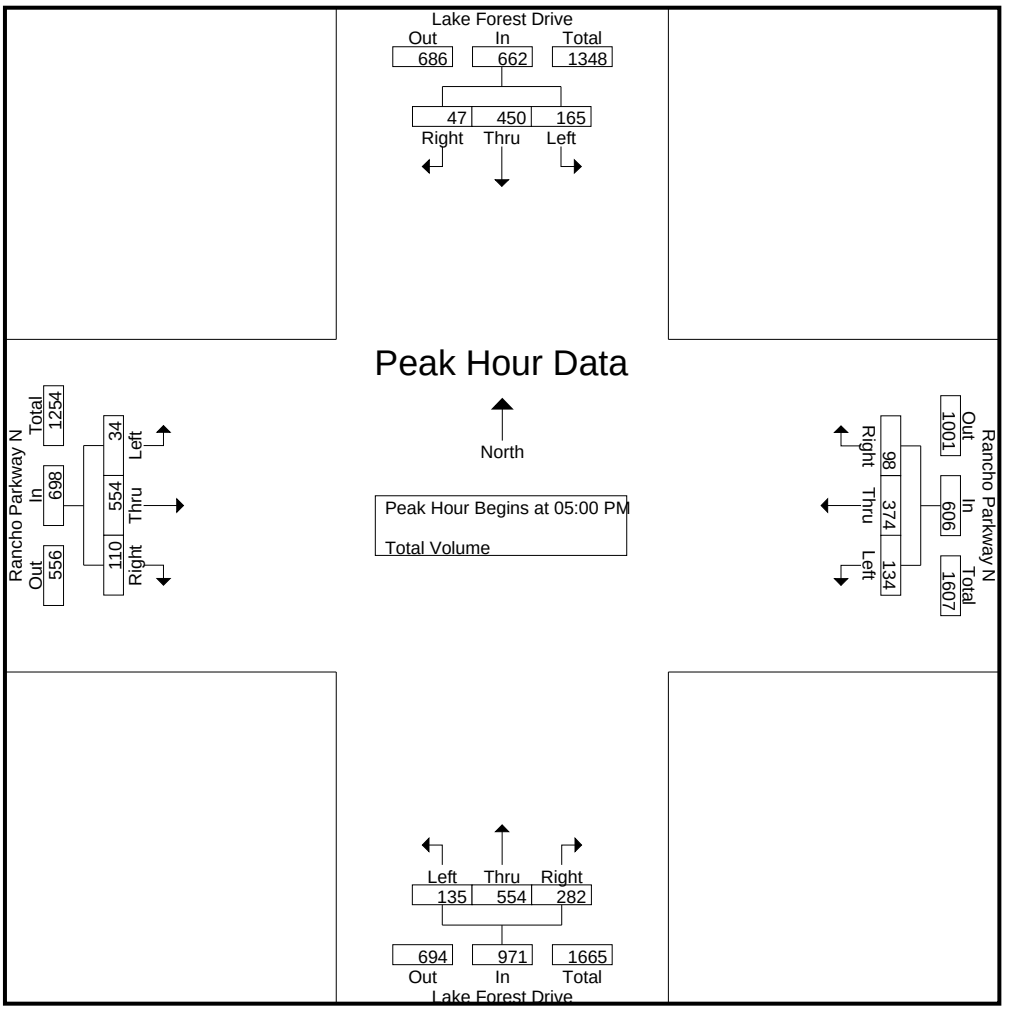
City of Lake Forest
N/S: Lake Forest Drive
E/W: Rancho Parkway N
Weather: Clear

File Name : 516_LKF_LAFO_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	23	127	5	155	32	91	19	142	32	146	81	259	8	145	34	187
+15 mins.	35	118	9	162	27	88	22	137	37	154	59	250	8	150	21	179
+30 mins.	46	116	16	178	38	103	23	164	35	129	61	225	7	145	27	179
+45 mins.	54	104	11	169	40	101	32	173	31	125	81	237	11	114	28	153
Total Volume	158	465	41	664	137	383	96	616	135	554	282	971	34	554	110	698
% App. Total	23.8	70	6.2		22.2	62.2	15.6		13.9	57.1	29		4.9	79.4	15.8	
PHF	.731	.915	.641	.933	.856	.930	.750	.890	.912	.899	.870	.937	.773	.923	.809	.933

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City of Lake Forest
N/S: Portola Parkway
E/W: Rancho Parkway N/Purpose Drive
Weather: Clear

File Name : 517_LKF_PORT_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				Purpose Drive Westbound				Portola Parkway Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	169	13	183	0	1	2	3	75	163	0	238	8	3	61	72	496
07:15 AM	1	116	20	137	0	1	0	1	95	236	1	332	12	1	65	78	548
07:30 AM	1	171	29	201	0	2	3	5	88	240	1	329	24	1	82	107	642
07:45 AM	1	193	32	226	0	1	1	2	159	246	2	407	26	5	108	139	774
Total	4	649	94	747	0	5	6	11	417	885	4	1306	70	10	316	396	2460
08:00 AM	5	276	29	310	1	4	2	7	151	229	1	381	21	5	81	107	805
08:15 AM	1	230	28	259	2	4	0	6	127	308	0	435	24	2	92	118	818
08:30 AM	1	194	24	219	0	1	1	2	158	263	2	423	12	2	94	108	752
08:45 AM	4	141	30	175	0	2	0	2	135	195	0	330	11	3	92	106	613
Total	11	841	111	963	3	11	3	17	571	995	3	1569	68	12	359	439	2988
Grand Total	15	1490	205	1710	3	16	9	28	988	1880	7	2875	138	22	675	835	5448
Apprch %	0.9	87.1	12		10.7	57.1	32.1		34.4	65.4	0.2		16.5	2.6	80.8		
Total %	0.3	27.3	3.8	31.4	0.1	0.3	0.2	0.5	18.1	34.5	0.1	52.8	2.5	0.4	12.4	15.3	

	Portola Parkway Southbound				Purpose Drive Westbound				Portola Parkway Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	1	193	32	226	0	1	1	2	159	246	2	407	26	5	108	139	774
08:00 AM	5	276	29	310	1	4	2	7	151	229	1	381	21	5	81	107	805
08:15 AM	1	230	28	259	2	4	0	6	127	308	0	435	24	2	92	118	818
08:30 AM	1	194	24	219	0	1	1	2	158	263	2	423	12	2	94	108	752
Total Volume	8	893	113	1014	3	10	4	17	595	1046	5	1646	83	14	375	472	3149
% App. Total	0.8	88.1	11.1		17.6	58.8	23.5		36.1	63.5	0.3		17.6	3	79.4		
PHF	.400	.809	.883	.818	.375	.625	.500	.607	.936	.849	.625	.946	.798	.700	.868	.849	.962

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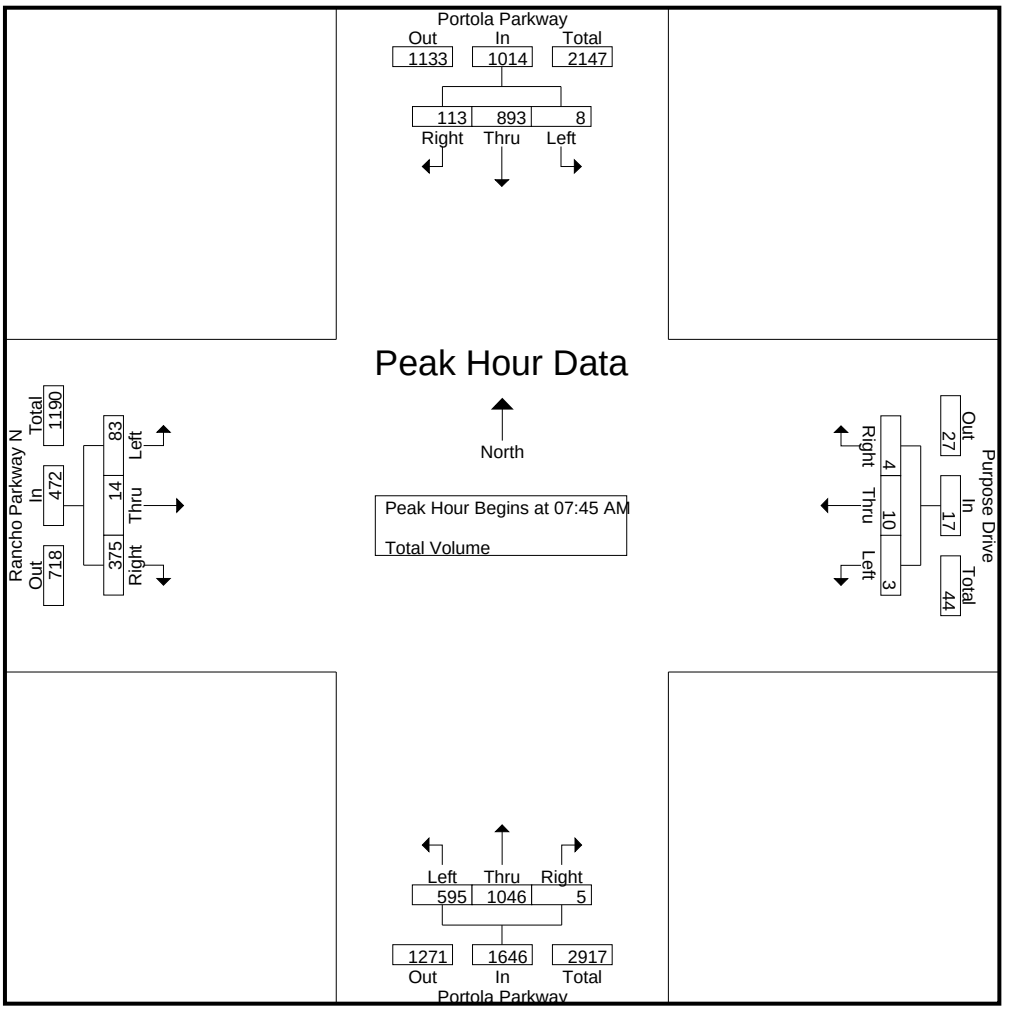
City of Lake Forest
N/S: Portola Parkway
E/W: Rancho Parkway N/Purpose Drive
Weather: Clear

File Name : 517_LKF_PORT_RANP N AM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	1	193	32	226	0	2	3	5	159	246	2	407	26	5	108	139
+15 mins.	5	276	29	310	0	1	1	2	151	229	1	381	21	5	81	107
+30 mins.	1	230	28	259	1	4	2	7	127	308	0	435	24	2	92	118
+45 mins.	1	194	24	219	2	4	0	6	158	263	2	423	12	2	94	108
Total Volume	8	893	113	1014	3	11	6	20	595	1046	5	1646	83	14	375	472
% App. Total	0.8	88.1	11.1		15	55	30		36.1	63.5	0.3		17.6	3	79.4	
PHF	.400	.809	.883	.818	.375	.688	.500	.714	.936	.849	.625	.946	.798	.700	.868	.849

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City of Lake Forest
N/S: Portola Parkway
E/W: Rancho Parkway N/Purpose Drive
Weather: Clear

File Name : 517_LKF_PORT_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Portola Parkway Southbound				Purpose Drive Westbound				Portola Parkway Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	232	26	260	2	2	0	4	91	189	1	281	30	1	191	222	767
04:15 PM	2	229	23	254	0	6	3	9	108	188	0	296	37	7	135	179	738
04:30 PM	0	266	28	294	0	2	2	4	117	189	1	307	28	3	177	208	813
04:45 PM	3	236	25	264	0	3	3	6	137	192	1	330	36	3	176	215	815
Total	7	963	102	1072	2	13	8	23	453	758	3	1214	131	14	679	824	3133
05:00 PM	6	279	26	311	3	5	4	12	111	181	0	292	39	5	225	269	884
05:15 PM	13	254	29	296	3	8	5	16	140	180	0	320	30	14	197	241	873
05:30 PM	2	241	34	277	2	10	12	24	171	244	1	416	31	9	187	227	944
05:45 PM	2	236	31	269	1	1	2	4	127	219	1	347	48	8	198	254	874
Total	23	1010	120	1153	9	24	23	56	549	824	2	1375	148	36	807	991	3575
Grand Total	30	1973	222	2225	11	37	31	79	1002	1582	5	2589	279	50	1486	1815	6708
Apprch %	1.3	88.7	10		13.9	46.8	39.2		38.7	61.1	0.2		15.4	2.8	81.9		
Total %	0.4	29.4	3.3	33.2	0.2	0.6	0.5	1.2	14.9	23.6	0.1	38.6	4.2	0.7	22.2	27.1	

	Portola Parkway Southbound				Purpose Drive Westbound				Portola Parkway Northbound				Rancho Parkway N Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	6	279	26	311	3	5	4	12	111	181	0	292	39	5	225	269	884
05:15 PM	13	254	29	296	3	8	5	16	140	180	0	320	30	14	197	241	873
05:30 PM	2	241	34	277	2	10	12	24	171	244	1	416	31	9	187	227	944
05:45 PM	2	236	31	269	1	1	2	4	127	219	1	347	48	8	198	254	874
Total Volume	23	1010	120	1153	9	24	23	56	549	824	2	1375	148	36	807	991	3575
% App. Total	2	87.6	10.4		16.1	42.9	41.1		39.9	59.9	0.1		14.9	3.6	81.4		
PHF	.442	.905	.882	.927	.750	.600	.479	.583	.803	.844	.500	.826	.771	.643	.897	.921	.947

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City of Lake Forest
N/S: Portola Parkway
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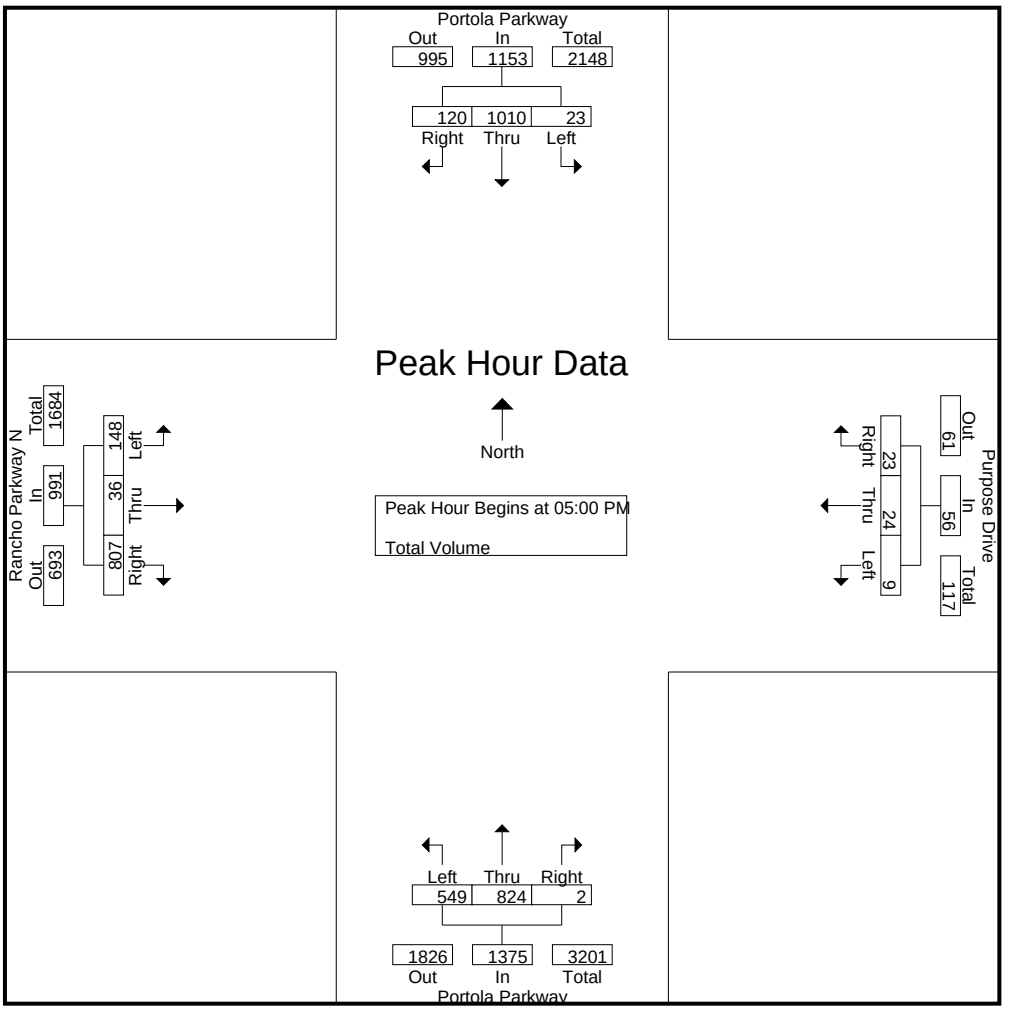
Weather: Clear

File Name : 517_LKF_PORT_RANP N PM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	0	266	28	294	0	3	3	6	111	181	0	292	39	5	225	269
+15 mins.	3	236	25	264	3	5	4	12	140	180	0	320	30	14	197	241
+30 mins.	6	279	26	311	3	8	5	16	171	244	1	416	31	9	187	227
+45 mins.	13	254	29	296	2	10	12	24	127	219	1	347	48	8	198	254
Total Volume	22	1035	108	1165	8	26	24	58	549	824	2	1375	148	36	807	991
% App. Total	1.9	88.8	9.3		13.8	44.8	41.4		39.9	59.9	0.1		14.9	3.6	81.4	
PHF	.423	.927	.931	.936	.667	.650	.500	.604	.803	.844	.500	.826	.771	.643	.897	.921

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City of Irvine
N/S: Alton Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 518_IRV_ALTON_CC AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound			Commercentre Drive Westbound			Alton Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	14	197	211	28	9	37	80	35	115	363
07:15 AM	14	244	258	41	8	49	101	35	136	443
07:30 AM	16	288	304	53	9	62	106	37	143	509
07:45 AM	21	331	352	61	13	74	110	58	168	594
Total	65	1060	1125	183	39	222	397	165	562	1909
08:00 AM	29	332	361	63	8	71	117	59	176	608
08:15 AM	17	306	323	46	11	57	129	44	173	553
08:30 AM	20	255	275	57	11	68	178	69	247	590
08:45 AM	18	235	253	46	12	58	122	68	190	501
Total	84	1128	1212	212	42	254	546	240	786	2252
Grand Total	149	2188	2337	395	81	476	943	405	1348	4161
Apprch %	6.4	93.6		83	17		70	30		
Total %	3.6	52.6	56.2	9.5	1.9	11.4	22.7	9.7	32.4	

	Alton Parkway Southbound			Commercentre Drive Westbound			Alton Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	21	331	352	61	13	74	110	58	168	594
08:00 AM	29	332	361	63	8	71	117	59	176	608
08:15 AM	17	306	323	46	11	57	129	44	173	553
08:30 AM	20	255	275	57	11	68	178	69	247	590
Total Volume	87	1224	1311	227	43	270	534	230	764	2345
% App. Total	6.6	93.4		84.1	15.9		69.9	30.1		
PHF	.750	.922	.908	.901	.827	.912	.750	.833	.773	.964

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City of Irvine
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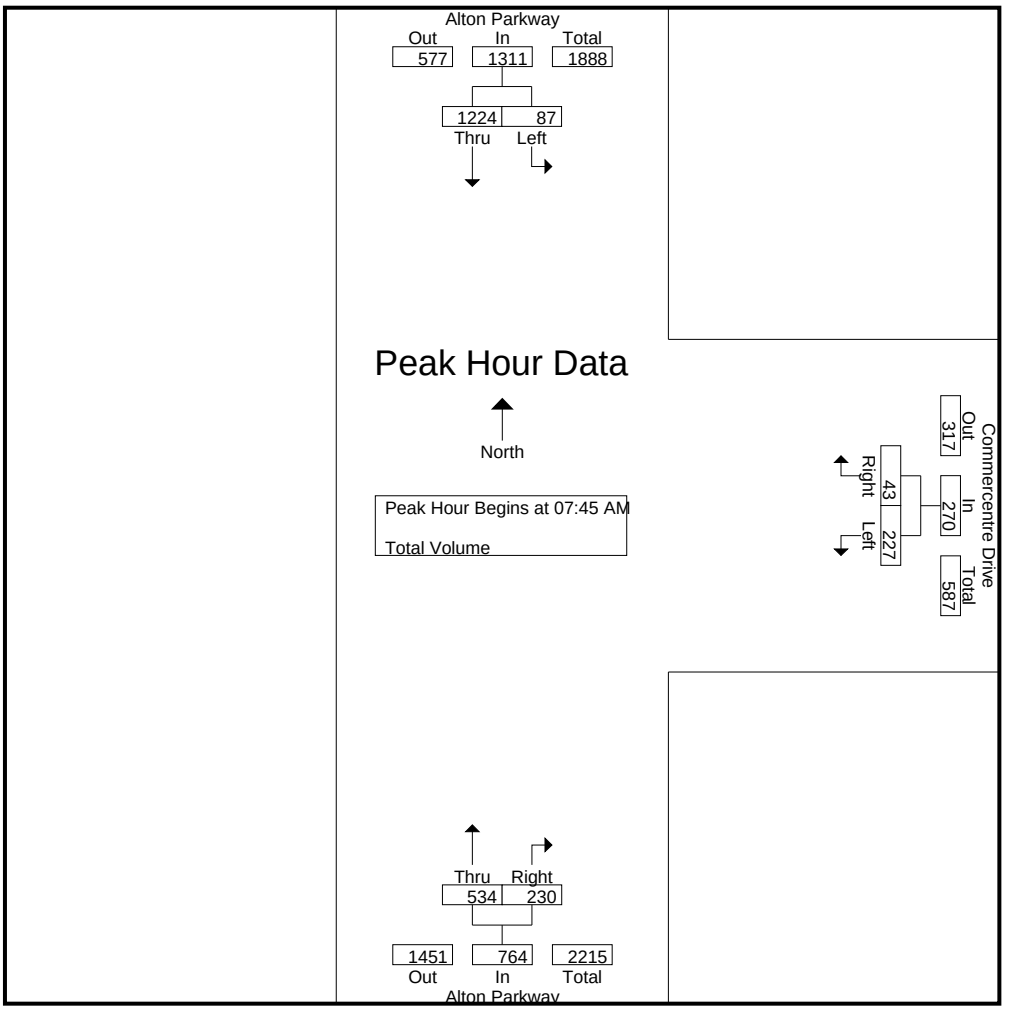
File Name : 518_IRV_ALTON_CC AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:45 AM			08:00 AM		
+0 mins.	16	288	304	61	13	74	117	59	176
+15 mins.	21	331	352	63	8	71	129	44	173
+30 mins.	29	332	361	46	11	57	178	69	247
+45 mins.	17	306	323	57	11	68	122	68	190
Total Volume	83	1257	1340	227	43	270	546	240	786
% App. Total	6.2	93.8		84.1	15.9		69.5	30.5	
PHF	.716	.947	.928	.901	.827	.912	.767	.870	.796

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City of Irvine
N/S: Alton Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 518_IRV_ALTON_CC PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound			Commercentre Drive Westbound			Alton Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	12	187	199	86	16	102	244	57	301	602
04:15 PM	3	185	188	85	24	109	231	41	272	569
04:30 PM	14	185	199	95	29	124	223	45	268	591
04:45 PM	8	156	164	79	16	95	256	66	322	581
Total	37	713	750	345	85	430	954	209	1163	2343
05:00 PM	5	221	226	121	42	163	259	54	313	702
05:15 PM	7	185	192	79	19	98	318	81	399	689
05:30 PM	7	227	234	96	26	122	311	37	348	704
05:45 PM	11	165	176	63	26	89	312	58	370	635
Total	30	798	828	359	113	472	1200	230	1430	2730
Grand Total	67	1511	1578	704	198	902	2154	439	2593	5073
Apprch %	4.2	95.8		78	22		83.1	16.9		
Total %	1.3	29.8	31.1	13.9	3.9	17.8	42.5	8.7	51.1	

	Alton Parkway Southbound			Commercentre Drive Westbound			Alton Parkway Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	5	221	226	121	42	163	259	54	313	702
05:15 PM	7	185	192	79	19	98	318	81	399	689
05:30 PM	7	227	234	96	26	122	311	37	348	704
05:45 PM	11	165	176	63	26	89	312	58	370	635
Total Volume	30	798	828	359	113	472	1200	230	1430	2730
% App. Total	3.6	96.4		76.1	23.9		83.9	16.1		
PHF	.682	.879	.885	.742	.673	.724	.943	.710	.896	.969

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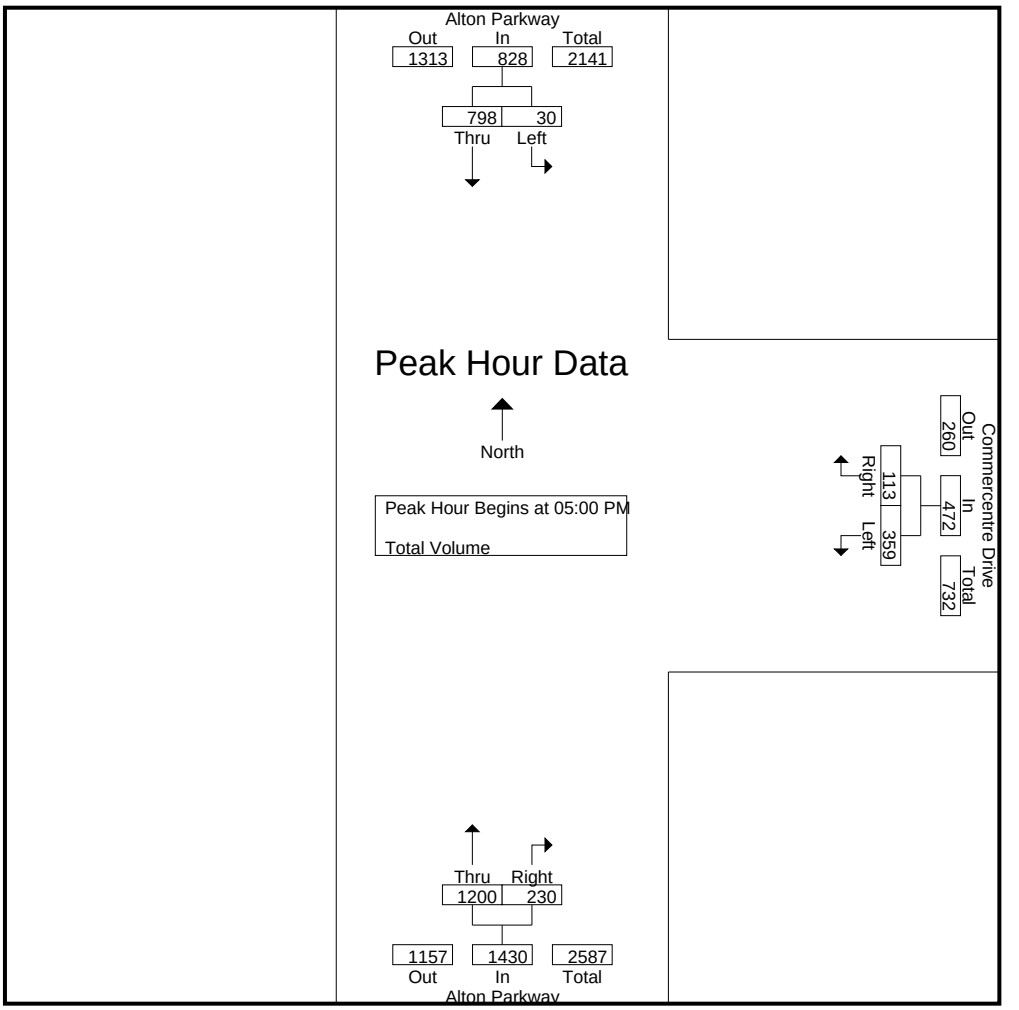
City of Irvine
N/S: Alton Parkway
E/W: Commercentre Drive
Weather: Clear

File Name : 518_IRV_ALTON_CC PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:15 PM			05:00 PM		
+0 mins.	5	221	226	85	24	109	259	54	313
+15 mins.	7	185	192	95	29	124	318	81	399
+30 mins.	7	227	234	79	16	95	311	37	348
+45 mins.	11	165	176	121	42	163	312	58	370
Total Volume	30	798	828	380	111	491	1200	230	1430
% App. Total	3.6	96.4		77.4	22.6		83.9	16.1	
PHF	.682	.879	.885	.785	.661	.753	.943	.710	.896

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City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Pkwy S/Emi Way
Weather: Clear

File Name : 555_LKF_BAKE_RANP S AM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Emi Way Westbound				Bake Parkway Northbound				Rancho Parkway S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	115	9	124	5	3	1	9	20	132	14	166	11	4	29	44	343
07:15 AM	3	169	29	201	11	7	3	21	20	102	6	128	21	6	23	50	400
07:30 AM	0	172	23	195	10	10	2	22	33	152	2	187	28	5	28	61	465
07:45 AM	2	203	55	260	24	10	1	35	38	168	4	210	60	5	27	92	597
Total	5	659	116	780	50	30	7	87	111	554	26	691	120	20	107	247	1805
08:00 AM	3	221	55	279	14	6	3	23	37	179	4	220	41	2	22	65	587
08:15 AM	2	208	45	255	10	6	1	17	51	128	5	184	38	5	25	68	524
08:30 AM	0	205	53	258	11	5	2	18	53	154	3	210	22	5	18	45	531
08:45 AM	3	144	46	193	15	3	0	18	54	158	5	217	33	7	22	62	490
Total	8	778	199	985	50	20	6	76	195	619	17	831	134	19	87	240	2132
Grand Total	13	1437	315	1765	100	50	13	163	306	1173	43	1522	254	39	194	487	3937
Apprch %	0.7	81.4	17.8		61.3	30.7	8		20.1	77.1	2.8		52.2	8	39.8		
Total %	0.3	36.5	8	44.8	2.5	1.3	0.3	4.1	7.8	29.8	1.1	38.7	6.5	1	4.9	12.4	

	Bake Parkway Southbound				Emi Way Westbound				Bake Parkway Northbound				Rancho Parkway S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	2	203	55	260	24	10	1	35	38	168	4	210	60	5	27	92	597
08:00 AM	3	221	55	279	14	6	3	23	37	179	4	220	41	2	22	65	587
08:15 AM	2	208	45	255	10	6	1	17	51	128	5	184	38	5	25	68	524
08:30 AM	0	205	53	258	11	5	2	18	53	154	3	210	22	5	18	45	531
Total Volume	7	837	208	1052	59	27	7	93	179	629	16	824	161	17	92	270	2239
% App. Total	0.7	79.6	19.8		63.4	29	7.5		21.7	76.3	1.9		59.6	6.3	34.1		
PHF	.583	.947	.945	.943	.615	.675	.583	.664	.844	.878	.800	.936	.671	.850	.852	.734	.938

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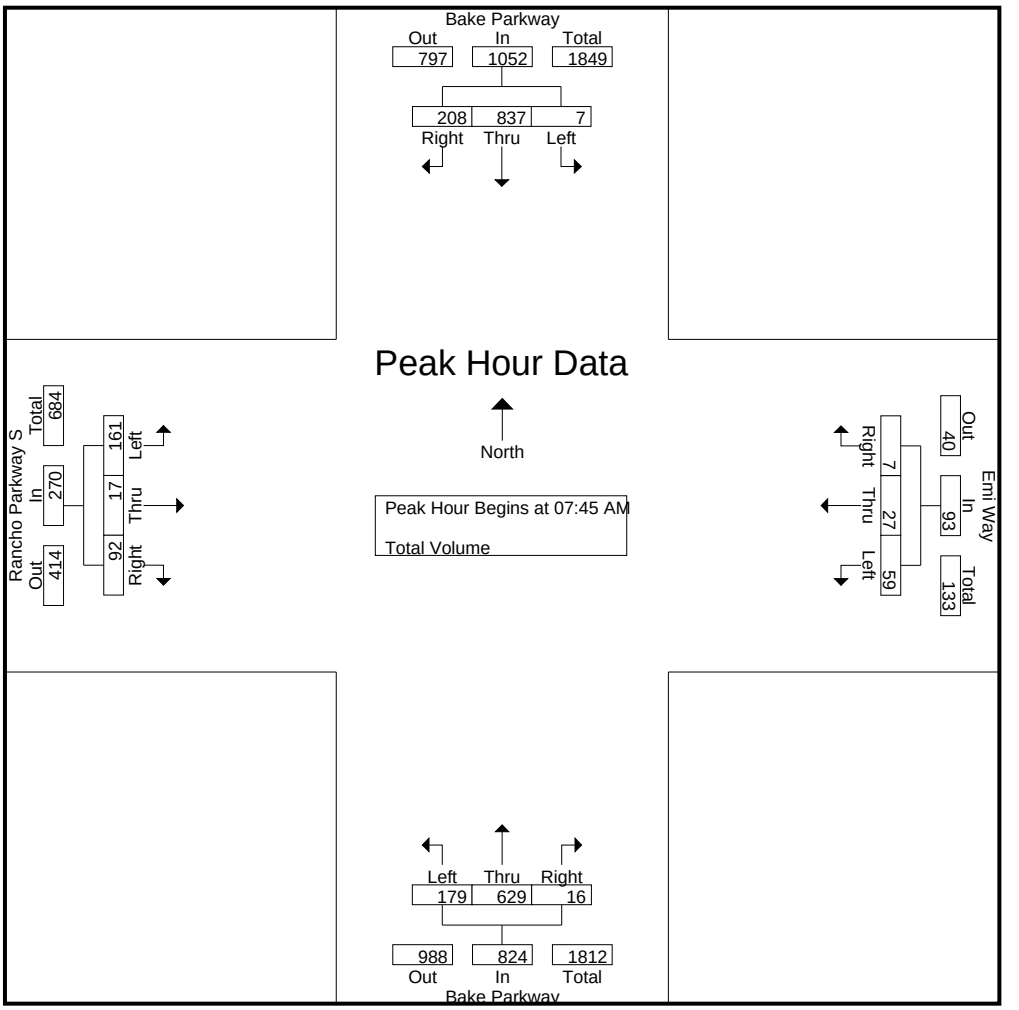
City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Pkwy S/Emi Way
Weather: Clear

File Name : 555_LKF_BAKE_RANP S AM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:15 AM				08:00 AM				07:30 AM			
+0 mins.	2	203	55	260	11	7	3	21	37	179	4	220	28	5	28	61
+15 mins.	3	221	55	279	10	10	2	22	51	128	5	184	60	5	27	92
+30 mins.	2	208	45	255	24	10	1	35	53	154	3	210	41	2	22	65
+45 mins.	0	205	53	258	14	6	3	23	54	158	5	217	38	5	25	68
Total Volume	7	837	208	1052	59	33	9	101	195	619	17	831	167	17	102	286
% App. Total	0.7	79.6	19.8		58.4	32.7	8.9		23.5	74.5	2		58.4	5.9	35.7	
PHF	.583	.947	.945	.943	.615	.825	.750	.721	.903	.865	.850	.944	.696	.850	.911	.777

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City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Pkwy S/Emi Way
Weather: Clear

File Name : 555_LKF_BAKE_RANP S PM
Site Code : 05124139
Start Date : 2/15/2024
Page No : 1

Groups Printed- Total Volume

	Bake Parkway Southbound				Emi Way Westbound				Bake Parkway Northbound				Rancho Parkway S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	3	197	23	223	15	5	2	22	25	236	6	267	43	9	39	91	603
04:15 PM	4	159	30	193	19	6	3	28	34	202	4	240	52	4	21	77	538
04:30 PM	1	193	29	223	13	6	0	19	21	247	9	277	43	5	25	73	592
04:45 PM	3	163	30	196	11	5	4	20	32	241	11	284	40	5	24	69	569
Total	11	712	112	835	58	22	9	89	112	926	30	1068	178	23	109	310	2302
05:00 PM	2	176	21	199	18	1	4	23	36	262	10	308	54	4	25	83	613
05:15 PM	1	209	25	235	13	6	3	22	28	253	9	290	52	8	18	78	625
05:30 PM	3	201	39	243	8	1	4	13	23	287	6	316	60	7	20	87	659
05:45 PM	6	146	38	190	12	2	1	15	21	243	5	269	30	8	32	70	544
Total	12	732	123	867	51	10	12	73	108	1045	30	1183	196	27	95	318	2441
Grand Total	23	1444	235	1702	109	32	21	162	220	1971	60	2251	374	50	204	628	4743
Apprch %	1.4	84.8	13.8		67.3	19.8	13		9.8	87.6	2.7		59.6	8	32.5		
Total %	0.5	30.4	5	35.9	2.3	0.7	0.4	3.4	4.6	41.6	1.3	47.5	7.9	1.1	4.3	13.2	

	Bake Parkway Southbound				Emi Way Westbound				Bake Parkway Northbound				Rancho Parkway S Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	3	163	30	196	11	5	4	20	32	241	11	284	40	5	24	69	569
05:00 PM	2	176	21	199	18	1	4	23	36	262	10	308	54	4	25	83	613
05:15 PM	1	209	25	235	13	6	3	22	28	253	9	290	52	8	18	78	625
05:30 PM	3	201	39	243	8	1	4	13	23	287	6	316	60	7	20	87	659
Total Volume	9	749	115	873	50	13	15	78	119	1043	36	1198	206	24	87	317	2466
% App. Total	1	85.8	13.2		64.1	16.7	19.2		9.9	87.1	3		65	7.6	27.4		
PHF	.750	.896	.737	.898	.694	.542	.938	.848	.826	.909	.818	.948	.858	.750	.870	.911	.936

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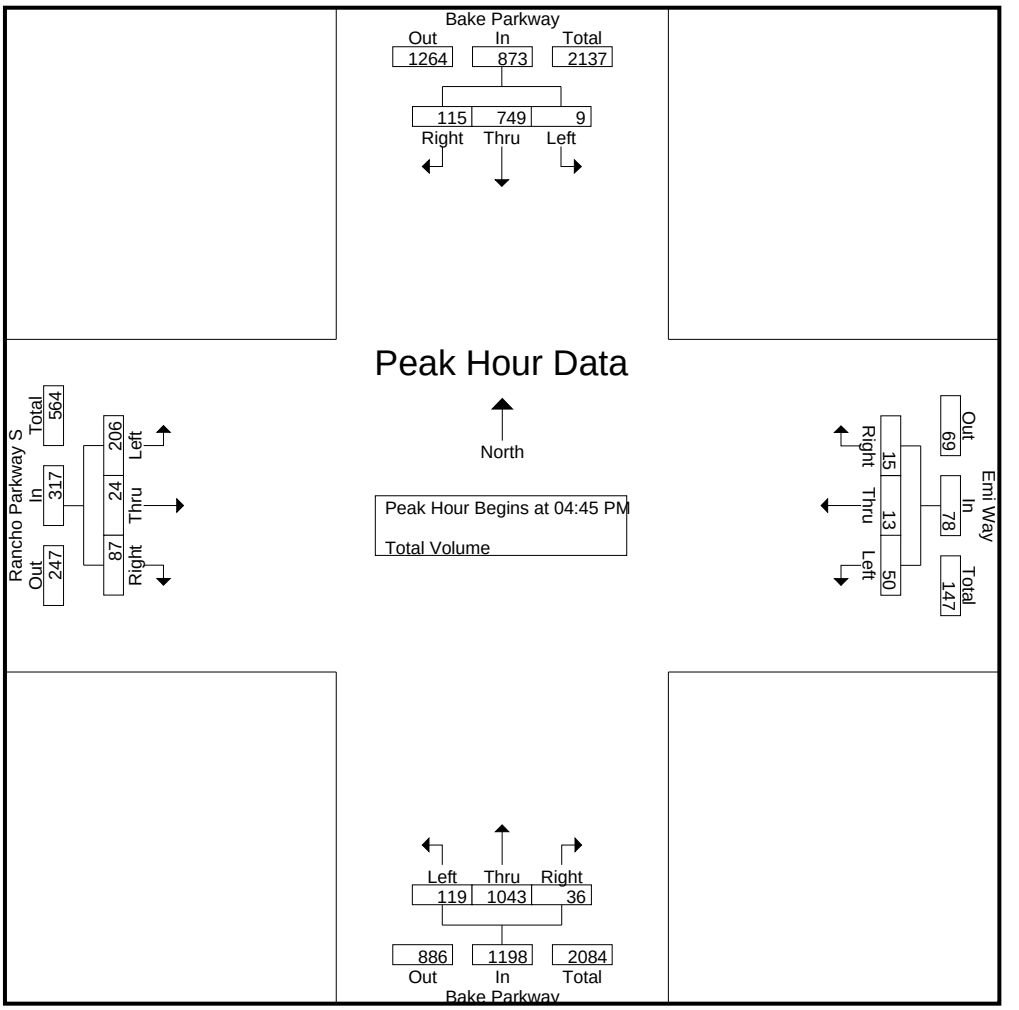
City of Lake Forest
N/S: Bake Parkway
E/W: Rancho Pkwy S/Emi Way
Weather: Clear

File Name : 555_LKF_BAKE_RANP S PM
Site Code : 05124139
Start Date : 2/15/2024



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:15 PM				04:45 PM				05:00 PM			
+0 mins.	3	163	30	196	19	6	3	28	32	241	11	284	54	4	25	83
+15 mins.	2	176	21	199	13	6	0	19	36	262	10	308	52	8	18	78
+30 mins.	1	209	25	235	11	5	4	20	28	253	9	290	60	7	20	87
+45 mins.	3	201	39	243	18	1	4	23	23	287	6	316	30	8	32	70
Total Volume	9	749	115	873	61	18	11	90	119	1043	36	1198	196	27	95	318
% App. Total	1	85.8	13.2		67.8	20	12.2		9.9	87.1	3		61.6	8.5	29.9	
PHF	.750	.896	.737	.898	.803	.750	.688	.804	.826	.909	.818	.948	.817	.844	.742	.914

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City of Irvine
N/S: Ridge Valley
E/W: Portola Parkway
Weather: Clear

File Name : 556_IRV_RV_Port Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	3	0	4	11	65	0	76	2	1	2	5	0	70	5	75	160
07:15 AM	5	8	2	15	16	89	5	110	10	2	5	17	3	87	8	98	240
07:30 AM	10	17	9	36	21	152	6	179	16	8	12	36	4	143	21	168	419
07:45 AM	37	22	8	67	33	153	7	193	20	3	17	40	2	168	32	202	502
Total	53	50	19	122	81	459	18	558	48	14	36	98	9	468	66	543	1321
08:00 AM	34	21	4	59	36	190	16	242	20	1	20	41	0	120	25	145	487
08:15 AM	12	28	2	42	34	167	22	223	13	5	12	30	4	130	29	163	458
08:30 AM	3	8	3	14	24	112	4	140	24	8	8	40	3	124	12	139	333
08:45 AM	5	6	2	13	18	115	1	134	7	2	10	19	2	99	12	113	279
Total	54	63	11	128	112	584	43	739	64	16	50	130	9	473	78	560	1557
Grand Total	107	113	30	250	193	1043	61	1297	112	30	86	228	18	941	144	1103	2878
Apprch %	42.8	45.2	12		14.9	80.4	4.7		49.1	13.2	37.7		1.6	85.3	13.1		
Total %	3.7	3.9	1	8.7	6.7	36.2	2.1	45.1	3.9	1	3	7.9	0.6	32.7	5	38.3	

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	10	17	**9**	36	21	152	6	179	16	**8**	12	36	**4**	143	21	168	419
07:45 AM	**37**	22	8	**67**	33	153	7	193	**20**	3	17	40	2	**168**	**32**	**202**	**502**
08:00 AM	34	21	4	59	**36**	**190**	16	**242**	20	1	**20**	**41**	0	120	25	145	487
08:15 AM	12	**28**	2	42	34	167	**22**	223	13	5	12	30	4	130	29	163	458
Total Volume	93	88	23	204	124	662	51	837	69	17	61	147	10	561	107	678	1866
% App. Total	45.6	43.1	11.3		14.8	79.1	6.1		46.9	11.6	41.5		1.5	82.7	15.8		
PHF	.628	.786	.639	.761	.861	.871	.580	.865	.863	.531	.763	.896	.625	.835	.836	.839	.929

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City of Irvine
N/S: Ridge Valley
E/W: Portola Parkway
Weather: Clear

File Name : 556_IRV_RV_Port Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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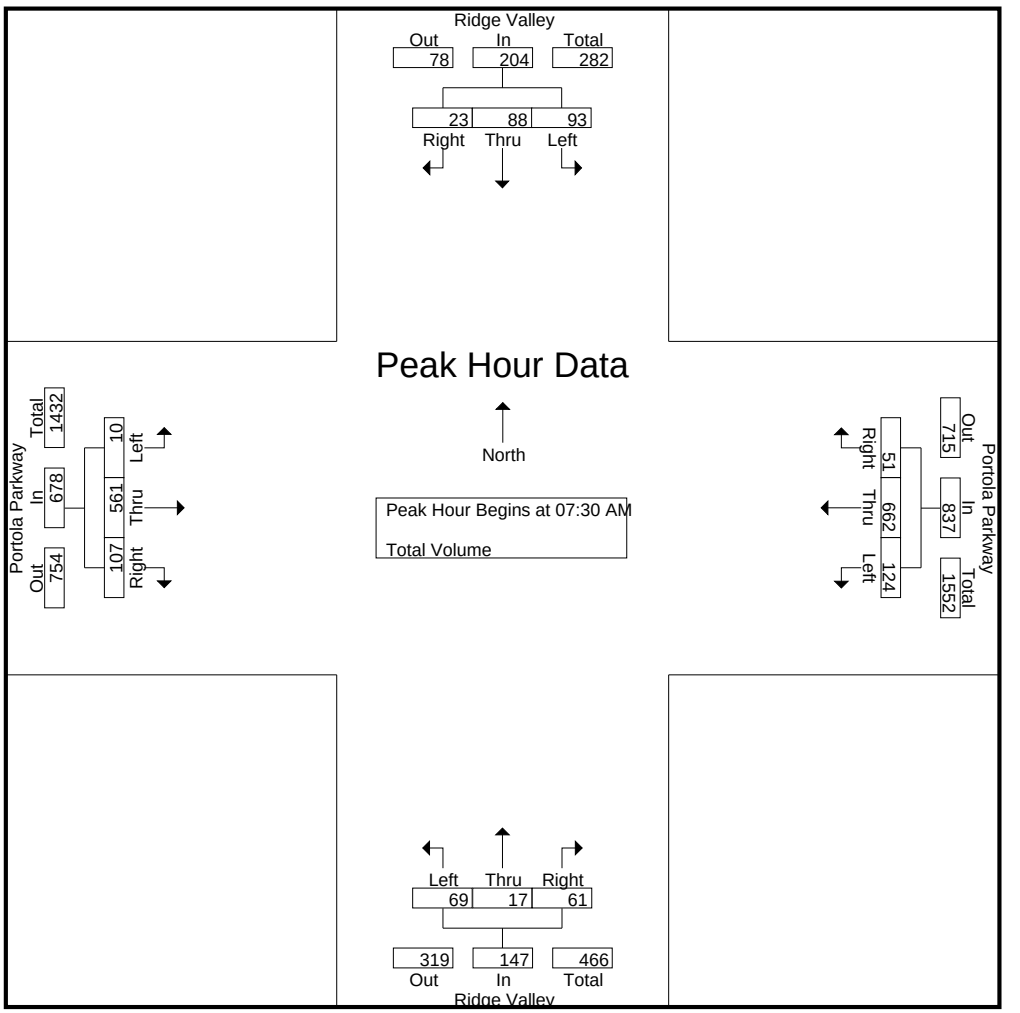

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	10	17	**9**	36	21	152	6	179	20	3	17	40	**4**	143	21	168
+15 mins.	**37**	22	8	**67**	33	153	7	193	20	1	**20**	**41**	2	**168**	**32**	**202**
+30 mins.	34	21	4	59	**36**	**190**	16	**242**	13	5	12	30	0	120	25	145
+45 mins.	12	**28**	2	42	34	167	**22**	223	**24**	**8**	8	40	4	130	29	163
Total Volume	93	88	23	204	124	662	51	837	77	17	57	151	10	561	107	678
% App. Total	45.6	43.1	11.3		14.8	79.1	6.1		51	11.3	37.7		1.5	82.7	15.8	
PHF	.628	.786	.639	.761	.861	.871	.580	.865	.802	.531	.713	.921	.625	.835	.836	.839

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City of Irvine
N/S: Ridge Valley
E/W: Portola Parkway
Weather: Clear

File Name : 556_IRV_RV_Port Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	6	9	23	16	110	11	137	14	9	10	33	3	112	15	130	323
04:15 PM	11	7	2	20	9	104	6	119	14	5	10	29	7	120	12	139	307
04:30 PM	4	1	1	6	16	102	7	125	14	4	19	37	2	136	12	150	318
04:45 PM	5	8	2	15	23	109	5	137	13	8	22	43	7	119	14	140	335
Total	28	22	14	64	64	425	29	518	55	26	61	142	19	487	53	559	1283
05:00 PM	2	10	6	18	13	133	8	154	17	11	28	56	3	133	10	146	374
05:15 PM	5	9	2	16	8	132	7	147	18	13	23	54	3	130	13	146	363
05:30 PM	8	6	5	19	20	138	7	165	10	10	17	37	5	178	17	200	421
05:45 PM	5	6	3	14	8	136	6	150	15	10	15	40	1	125	13	139	343
Total	20	31	16	67	49	539	28	616	60	44	83	187	12	566	53	631	1501
06:00 PM	1	3	2	6	11	113	8	132	14	5	17	36	4	108	15	127	301
06:15 PM	6	5	3	14	14	66	8	88	10	9	14	33	3	133	14	150	285
Grand Total	55	61	35	151	138	1143	73	1354	139	84	175	398	38	1294	135	1467	3370
Apprch %	36.4	40.4	23.2		10.2	84.4	5.4		34.9	21.1	44		2.6	88.2	9.2		
Total %	1.6	1.8	1	4.5	4.1	33.9	2.2	40.2	4.1	2.5	5.2	11.8	1.1	38.4	4	43.5	

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	2	**10**	**6**	18	13	133	**8**	154	17	11	**28**	**56**	3	133	10	146	374
05:15 PM	5	9	2	16	8	132	7	147	**18**	**13**	23	54	3	130	13	146	363
05:30 PM	**8**	6	5	**19**	**20**	**138**	7	**165**	10	10	17	37	**5**	**178**	**17**	**200**	**421**
05:45 PM	5	6	3	14	8	136	6	150	15	10	15	40	1	125	13	139	343
Total Volume	20	31	16	67	49	539	28	616	60	44	83	187	12	566	53	631	1501
% App. Total	29.9	46.3	23.9		8	87.5	4.5		32.1	23.5	44.4		1.9	89.7	8.4		
PHF	.625	.775	.667	.882	.613	.976	.875	.933	.833	.846	.741	.835	.600	.795	.779	.789	.891

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City of Irvine
N/S: Ridge Valley
E/W: Portola Parkway
Weather: Clear

File Name : 556_IRV_RV_Port Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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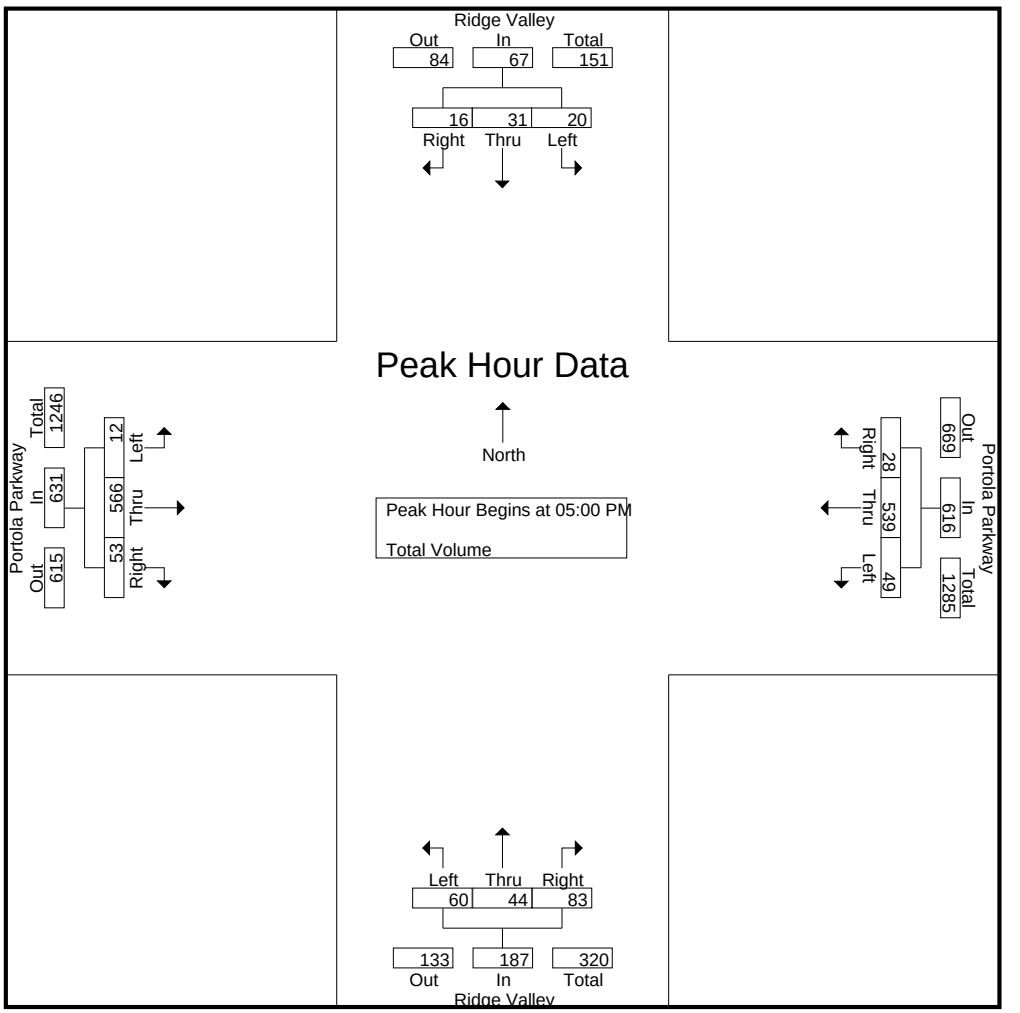

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				04:30 PM				04:45 PM			
+0 mins.	5	8	2	15	13	133	**8**	154	14	4	19	37	**7**	119	14	140
+15 mins.	2	**10**	**6**	18	8	132	7	147	13	8	22	43	3	133	10	146
+30 mins.	5	9	2	16	**20**	**138**	7	**165**	17	11	**28**	**56**	3	130	13	146
+45 mins.	**8**	6	5	**19**	8	136	6	150	**18**	**13**	23	54	5	**178**	**17**	**200**
Total Volume	20	33	15	68	49	539	28	616	62	36	92	190	18	560	54	632
% App. Total	29.4	48.5	22.1		8	87.5	4.5		32.6	18.9	48.4		2.8	88.6	8.5	
PHF	.625	.825	.625	.895	.613	.976	.875	.933	.861	.692	.821	.848	.643	.787	.794	.790

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City of Irvine
N/S: Ridge Valley
E/W: Portola Parkway
Weather: Clear

File Name : 556_IRV_RV_Port Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	2	1	4	7	62	2	71	1	1	6	8	0	56	5	61	144
07:15 AM	5	5	1	11	14	84	1	99	10	4	4	18	1	74	11	86	214
07:30 AM	9	28	12	49	22	146	7	175	16	8	8	32	4	150	16	170	426
07:45 AM	45	16	1	62	30	147	7	184	13	2	11	26	2	166	32	200	472
Total	60	51	15	126	73	439	17	529	40	15	29	84	7	446	64	517	1256
08:00 AM	33	44	2	79	46	193	12	251	25	3	16	44	3	128	35	166	540
08:15 AM	10	14	0	24	31	208	20	259	17	11	7	35	1	122	12	135	453
08:30 AM	9	12	6	27	27	115	9	151	11	5	14	30	5	134	13	152	360
08:45 AM	6	13	8	27	28	108	1	137	8	4	13	25	4	116	12	132	321
Total	58	83	16	157	132	624	42	798	61	23	50	134	13	500	72	585	1674
Grand Total	118	134	31	283	205	1063	59	1327	101	38	79	218	20	946	136	1102	2930
Apprch %	41.7	47.3	11		15.4	80.1	4.4		46.3	17.4	36.2		1.8	85.8	12.3		
Total %	4	4.6	1.1	9.7	7	36.3	2	45.3	3.4	1.3	2.7	7.4	0.7	32.3	4.6	37.6	

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	9	28	**12**	49	22	146	7	175	16	8	8	32	**4**	150	16	170	426
07:45 AM	**45**	16	1	62	30	147	7	184	13	2	11	26	2	**166**	32	**200**	472
08:00 AM	33	**44**	2	**79**	**46**	193	12	251	**25**	3	**16**	**44**	3	128	**35**	166	**540**
08:15 AM	10	14	0	24	31	**208**	**20**	**259**	17	**11**	7	35	1	122	12	135	453
Total Volume	97	102	15	214	129	694	46	869	71	24	42	137	10	566	95	671	1891
% App. Total	45.3	47.7	7		14.8	79.9	5.3		51.8	17.5	30.7		1.5	84.4	14.2		
PHF	.539	.580	.313	.677	.701	.834	.575	.839	.710	.545	.656	.778	.625	.852	.679	.839	.875

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City of Irvine
N/S: Ridge Valley
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Weather: Clear

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Site Code : 19224028
Start Date : 1/25/2024
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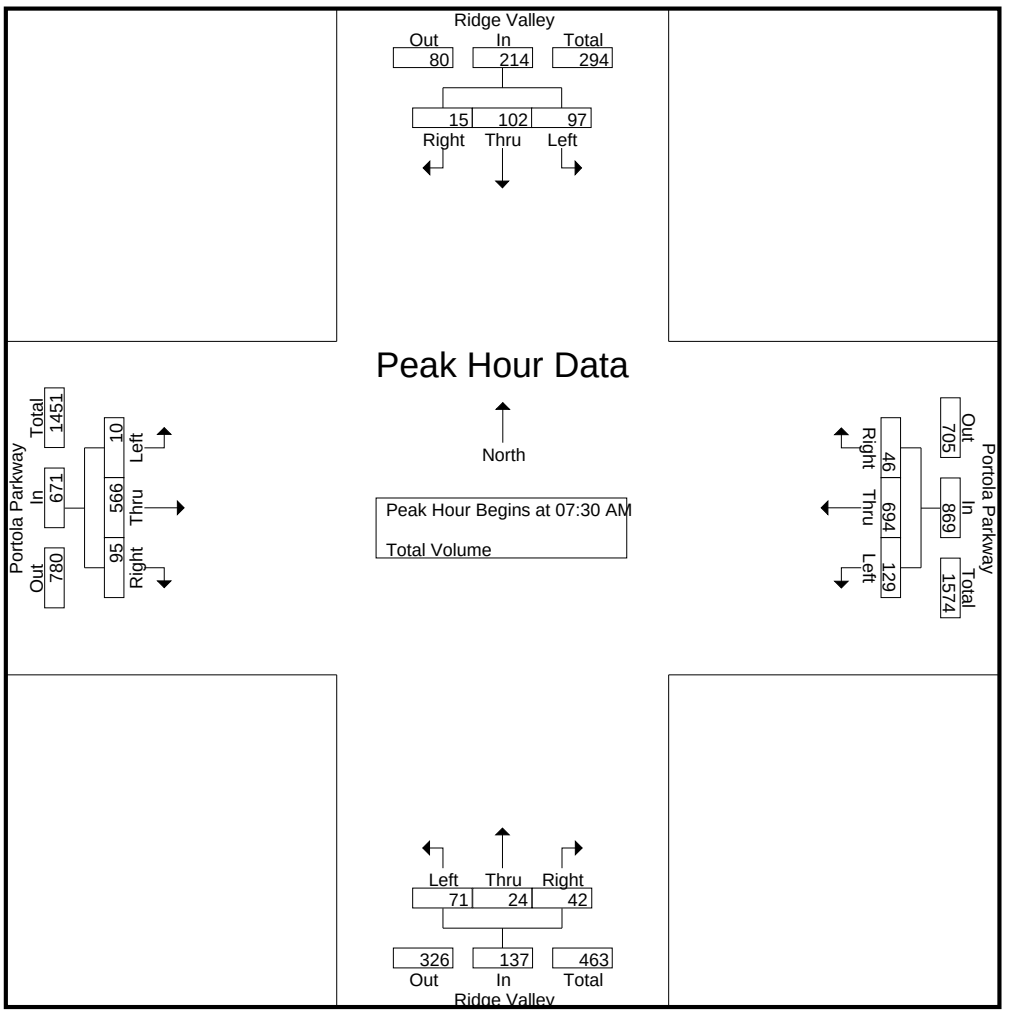

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	9	28	**12**	49	22	146	7	175	16	8	8	32	**4**	150	16	170
+15 mins.	**45**	16	1	62	30	147	7	184	13	2	11	26	2	**166**	32	**200**
+30 mins.	33	**44**	2	**79**	**46**	193	12	251	**25**	3	**16**	**44**	3	128	**35**	166
+45 mins.	10	14	0	24	31	**208**	**20**	**259**	17	**11**	7	35	1	122	12	135
Total Volume	97	102	15	214	129	694	46	869	71	24	42	137	10	566	95	671
% App. Total	45.3	47.7	7		14.8	79.9	5.3		51.8	17.5	30.7		1.5	84.4	14.2	
PHF	.539	.580	.313	.677	.701	.834	.575	.839	.710	.545	.656	.778	.625	.852	.679	.839

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City of Irvine
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File Name : 556_IRV_RV_Port Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	6	6	20	8	105	10	123	16	8	13	37	1	95	11	107	287
04:15 PM	6	8	1	15	9	108	6	123	9	5	15	29	4	132	8	144	311
04:30 PM	1	7	5	13	20	102	12	134	8	8	20	36	6	131	14	151	334
04:45 PM	8	5	3	16	13	115	5	133	9	6	16	31	6	151	6	163	343
Total	23	26	15	64	50	430	33	513	42	27	64	133	17	509	39	565	1275
05:00 PM	6	8	5	19	14	126	10	150	19	3	21	43	4	151	14	169	381
05:15 PM	5	4	3	12	17	177	5	199	18	5	27	50	4	150	11	165	426
05:30 PM	6	12	4	22	20	130	6	156	20	7	22	49	3	134	12	149	376
05:45 PM	3	9	3	15	18	110	8	136	11	7	17	35	5	137	15	157	343
Total	20	33	15	68	69	543	29	641	68	22	87	177	16	572	52	640	1526
06:00 PM	2	3	4	9	11	92	5	108	13	12	19	44	2	132	14	148	309
06:15 PM	7	10	2	19	8	93	4	105	11	7	18	36	6	76	6	88	248
Grand Total	52	72	36	160	138	1158	71	1367	134	68	188	390	41	1289	111	1441	3358
Apprch %	32.5	45	22.5		10.1	84.7	5.2		34.4	17.4	48.2		2.8	89.5	7.7		
Total %	1.5	2.1	1.1	4.8	4.1	34.5	2.1	40.7	4	2	5.6	11.6	1.2	38.4	3.3	42.9	

	Ridge Valley Southbound				Portola Parkway Westbound				Ridge Valley Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**8**	5	3	16	13	115	5	133	9	6	16	31	**6**	**151**	6	163	343
05:00 PM	6	8	**5**	19	14	126	**10**	150	19	3	21	43	4	151	**14**	**169**	381
05:15 PM	5	4	3	12	17	**177**	5	**199**	18	5	**27**	**50**	4	150	11	165	**426**
05:30 PM	6	**12**	4	**22**	**20**	130	6	156	**20**	**7**	22	49	3	134	12	149	376
Total Volume	25	29	15	69	64	548	26	638	66	21	86	173	17	586	43	646	1526
% App. Total	36.2	42	21.7		10	85.9	4.1		38.2	12.1	49.7		2.6	90.7	6.7		
PHF	.781	.604	.750	.784	.800	.774	.650	.802	.825	.750	.796	.865	.708	.970	.768	.956	.896

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City of Irvine
N/S: Ridge Valley
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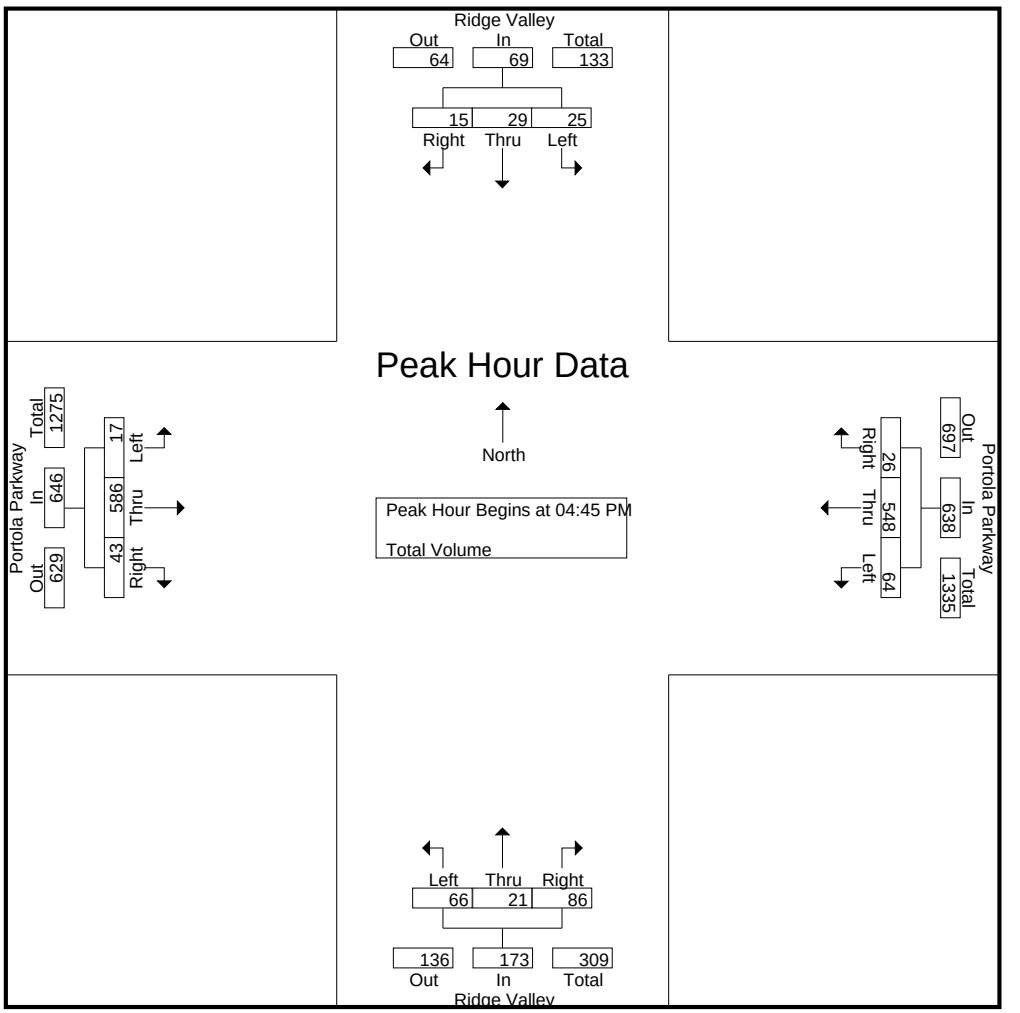
Weather: Clear

File Name : 556_IRV_RV_Port Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:15 PM				04:30 PM			
+0 mins.	**8**	5	3	16	14	126	**10**	150	18	5	**27**	**50**	**6**	131	**14**	151
+15 mins.	6	8	**5**	19	17	**177**	5	**199**	**20**	7	22	49	6	**151**	6	163
+30 mins.	5	4	3	12	**20**	130	6	156	11	7	17	35	4	151	14	**169**
+45 mins.	6	**12**	4	**22**	18	110	8	136	13	**12**	19	44	4	150	11	165
Total Volume	25	29	15	69	69	543	29	641	62	31	85	178	20	583	45	648
% App. Total	36.2	42	21.7		10.8	84.7	4.5		34.8	17.4	47.8		3.1	90	6.9	
PHF	.781	.604	.750	.784	.863	.767	.725	.805	.775	.646	.787	.890	.833	.965	.804	.959

Location: Irvine
N/S: Ridge Valley
E/W: Portola Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Portola Parkway	South Leg Ridge Valley	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	1	2
7:15 AM	0	1	1	0	2
7:30 AM	0	3	4	1	8
7:45 AM	2	1	10	4	17
8:00 AM	0	3	3	2	8
8:15 AM	1	5	2	2	10
8:30 AM	0	10	2	1	13
8:45 AM	0	2	1	4	7
TOTAL VOLUMES:	3	25	24	15	67

	North Leg Ridge Valley	East Leg Portola Parkway	South Leg Ridge Valley	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	4	5	0	9
4:15 PM	1	1	7	6	15
4:30 PM	1	2	3	7	13
4:45 PM	2	4	4	4	14
5:00 PM	4	4	6	2	16
5:15 PM	1	0	4	5	10
5:30 PM	0	3	7	0	10
5:45 PM	2	0	7	3	12
6:00 PM	0	3	4	1	8
6:15 PM	0	0	3	0	3
TOTAL VOLUMES:	11	21	50	28	110

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Location: Irvine
N/S: Ridge Valley
E/W: Portola Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Ridge Valley			Westbound Portola Parkway			Northbound Ridge Valley			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
TOTAL VOLUMES:	0	0	0	0	6	0	0	1	0	0	1	0	8

	Southbound Ridge Valley			Westbound Portola Parkway			Northbound Ridge Valley			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
4:15 PM	0	0	0	0	1	1	0	0	1	0	3	0	6
4:30 PM	0	0	0	0	0	0	0	0	0	0	7	0	7
4:45 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
5:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:15 PM	0	0	0	1	3	1	0	0	0	0	0	0	5
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	2	1	3
TOTAL VOLUMES:	0	0	0	1	7	2	0	1	1	0	18	1	31

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Location: Irvine
N/S: Ridge Valley
E/W: Portola Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Portola Parkway	South Leg Ridge Valley	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	2	1	4
7:30 AM	0	1	4	1	6
7:45 AM	0	1	3	0	4
8:00 AM	0	4	9	0	13
8:15 AM	1	4	6	2	13
8:30 AM	1	0	1	1	3
8:45 AM	3	6	1	1	11
TOTAL VOLUMES:	5	17	26	6	54

	North Leg Ridge Valley	East Leg Portola Parkway	South Leg Ridge Valley	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	7	2	0	9
4:15 PM	0	1	13	1	15
4:30 PM	1	4	10	0	15
4:45 PM	0	2	4	1	7
5:00 PM	1	0	0	1	2
5:15 PM	2	3	2	2	9
5:30 PM	1	1	3	0	5
5:45 PM	0	1	0	0	1
6:00 PM	0	1	2	0	3
6:15 PM	0	1	2	1	4
TOTAL VOLUMES:	5	21	38	6	70

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Location: Irvine
N/S: Ridge Valley
E/W: Portola Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Ridge Valley			Westbound Portola Parkway			Northbound Ridge Valley			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	0	0	0	0	0	0	0	1	0	2
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	0	0	0	2	0	0	0	0	0	3	0	6

	Southbound Ridge Valley			Westbound Portola Parkway			Northbound Ridge Valley			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	3	0	0	2	0	5
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	8	0	8
TOTAL VOLUMES:	0	0	0	0	4	0	0	3	0	0	14	0	21

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City of Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard
Weather: Clear

File Name : 558_IRV_RV_Irv Blvd Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	6	63	77	1	140	0	141	16	4	7	27	12	144	13	169	414
07:15 AM	7	8	99	114	5	251	13	269	34	7	9	50	11	190	10	211	644
07:30 AM	11	12	120	143	2	305	8	315	40	7	10	57	28	224	21	273	788
07:45 AM	46	35	146	227	6	340	12	358	46	12	9	67	28	231	31	290	942
Total	72	61	428	561	14	1036	33	1083	136	30	35	201	79	789	75	943	2788
08:00 AM	54	119	131	304	11	317	19	347	54	32	8	94	23	278	40	341	1086
08:15 AM	72	87	119	278	10	289	27	326	65	73	16	154	33	319	34	386	1144
08:30 AM	34	16	106	156	9	330	35	374	55	34	10	99	36	273	29	338	967
08:45 AM	11	13	99	123	13	267	19	299	43	5	6	54	43	210	24	277	753
Total	171	235	455	861	43	1203	100	1346	217	144	40	401	135	1080	127	1342	3950
Grand Total	243	296	883	1422	57	2239	133	2429	353	174	75	602	214	1869	202	2285	6738
Apprch %	17.1	20.8	62.1		2.3	92.2	5.5		58.6	28.9	12.5		9.4	81.8	8.8		
Total %	3.6	4.4	13.1	21.1	0.8	33.2	2	36	5.2	2.6	1.1	8.9	3.2	27.7	3	33.9	

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	46	35	**146**	227	6	**340**	12	358	46	12	9	67	28	231	31	290	942
08:00 AM	54	**119**	131	**304**	**11**	317	19	347	54	32	8	94	23	278	**40**	341	1086
08:15 AM	**72**	87	119	278	10	289	27	326	**65**	**73**	**16**	**154**	33	**319**	34	**386**	**1144**
08:30 AM	34	16	106	156	9	330	**35**	**374**	55	34	10	99	**36**	273	29	338	967
Total Volume	206	257	502	965	36	1276	93	1405	220	151	43	414	120	1101	134	1355	4139
% App. Total	21.3	26.6	52		2.6	90.8	6.6		53.1	36.5	10.4		8.9	81.3	9.9		
PHF	.715	.540	.860	.794	.818	.938	.664	.939	.846	.517	.672	.672	.833	.863	.838	.878	.905

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City of Irvine
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File Name : 558_IRV_RV_Irv Blvd Tue AM
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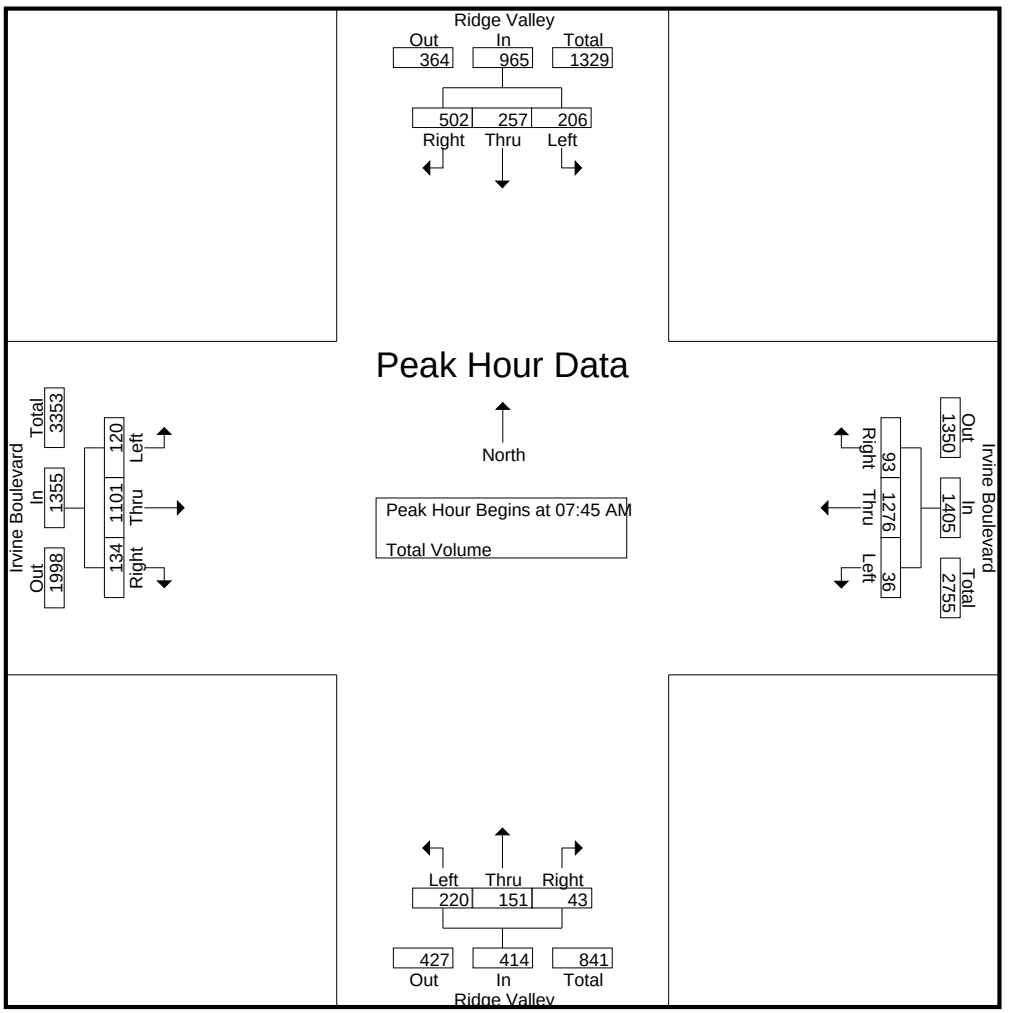

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	46	35	**146**	227	6	**340**	12	358	46	12	9	67	28	231	31	290
+15 mins.	54	**119**	131	**304**	**11**	317	19	347	54	32	8	94	23	278	**40**	341
+30 mins.	**72**	87	119	278	10	289	27	326	**65**	**73**	**16**	**154**	33	**319**	34	**386**
+45 mins.	34	16	106	156	9	330	**35**	**374**	55	34	10	99	**36**	273	29	338
Total Volume	206	257	502	965	36	1276	93	1405	220	151	43	414	120	1101	134	1355
% App. Total	21.3	26.6	52		2.6	90.8	6.6		53.1	36.5	10.4		8.9	81.3	9.9	
PHF	.715	.540	.860	.794	.818	.938	.664	.939	.846	.517	.672	.672	.833	.863	.838	.878

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City of Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard
Weather: Clear

File Name : 558_IRV_RV_Irv Blvd Tue PM
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Start Date : 1/23/2024
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Groups Printed- Total Volume

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	18	15	63	96	6	307	26	339	43	20	8	71	82	215	40	337	843
04:15 PM	12	11	59	82	5	367	21	393	34	18	5	57	70	254	54	378	910
04:30 PM	15	13	61	89	15	328	14	357	44	21	5	70	86	273	69	428	944
04:45 PM	18	17	72	107	3	310	13	326	49	21	7	77	86	288	62	436	946
Total	63	56	255	374	29	1312	74	1415	170	80	25	275	324	1030	225	1579	3643
05:00 PM	25	8	63	96	10	292	28	330	56	22	7	85	100	317	57	474	985
05:15 PM	18	9	72	99	8	364	26	398	49	22	14	85	113	265	67	445	1027
05:30 PM	17	13	69	99	13	291	15	319	54	16	4	74	113	286	65	464	956
05:45 PM	12	11	52	75	15	309	24	348	44	19	9	72	96	291	79	466	961
Total	72	41	256	369	46	1256	93	1395	203	79	34	316	422	1159	268	1849	3929
06:00 PM	15	12	53	80	7	258	20	285	54	29	4	87	87	269	60	416	868
06:15 PM	12	9	65	86	11	247	18	276	40	14	10	64	100	252	61	413	839
Grand Total	162	118	629	909	93	3073	205	3371	467	202	73	742	933	2710	614	4257	9279
Apprch %	17.8	13	69.2		2.8	91.2	6.1		62.9	27.2	9.8		21.9	63.7	14.4		
Total %	1.7	1.3	6.8	9.8	1	33.1	2.2	36.3	5	2.2	0.8	8	10.1	29.2	6.6	45.9	

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**25**	8	63	96	10	292	**28**	330	**56**	**22**	7	**85**	100	**317**	57	**474**	985
05:15 PM	18	9	**72**	**99**	8	**364**	26	**398**	49	22	**14**	85	**113**	265	67	445	**1027**
05:30 PM	17	**13**	69	99	13	291	15	319	54	16	4	74	113	286	65	464	956
05:45 PM	12	11	52	75	**15**	309	24	348	44	19	9	72	96	291	**79**	466	961
Total Volume	72	41	256	369	46	1256	93	1395	203	79	34	316	422	1159	268	1849	3929
% App. Total	19.5	11.1	69.4		3.3	90	6.7		64.2	25	10.8		22.8	62.7	14.5		
PHF	.720	.788	.889	.932	.767	.863	.830	.876	.906	.898	.607	.929	.934	.914	.848	.975	.956

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City of Irvine
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File Name : 558_IRV_RV_Irv Blvd Tue PM
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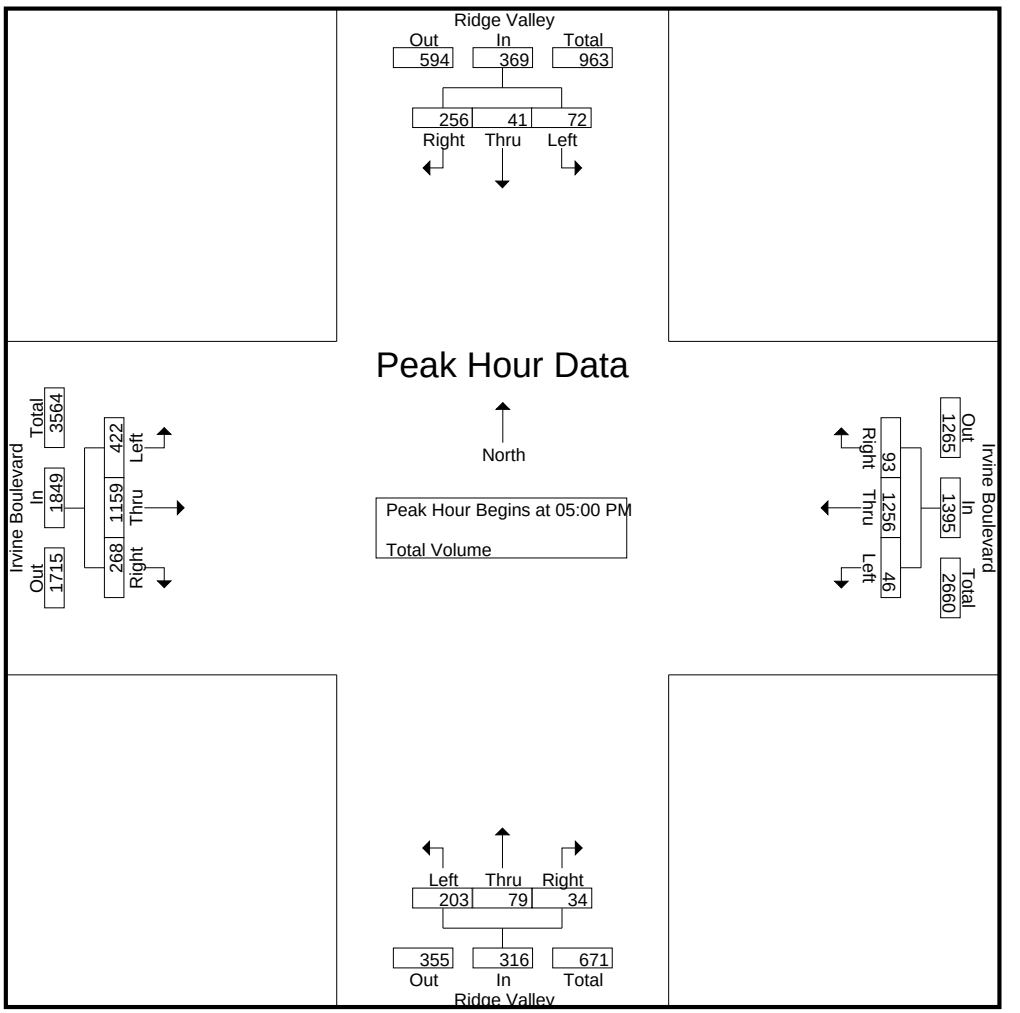

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	18	**17**	**72**	**107**	6	307	**26**	339	49	21	7	77	100	**317**	57	**474**
+15 mins.	**25**	8	63	96	5	**367**	21	**393**	**56**	**22**	7	**85**	**113**	265	67	445
+30 mins.	18	9	72	99	**15**	328	14	357	49	22	**14**	85	113	286	65	464
+45 mins.	17	13	69	99	3	310	13	326	54	16	4	74	96	291	**79**	466
Total Volume	78	47	276	401	29	1312	74	1415	208	81	32	321	422	1159	268	1849
% App. Total	19.5	11.7	68.8		2	92.7	5.2		64.8	25.2	10		22.8	62.7	14.5	
PHF	.780	.691	.958	.937	.483	.894	.712	.900	.929	.920	.571	.944	.934	.914	.848	.975

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City of Irvine
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Weather: Clear

File Name : 558_IRV_RV_Irv Blvd Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

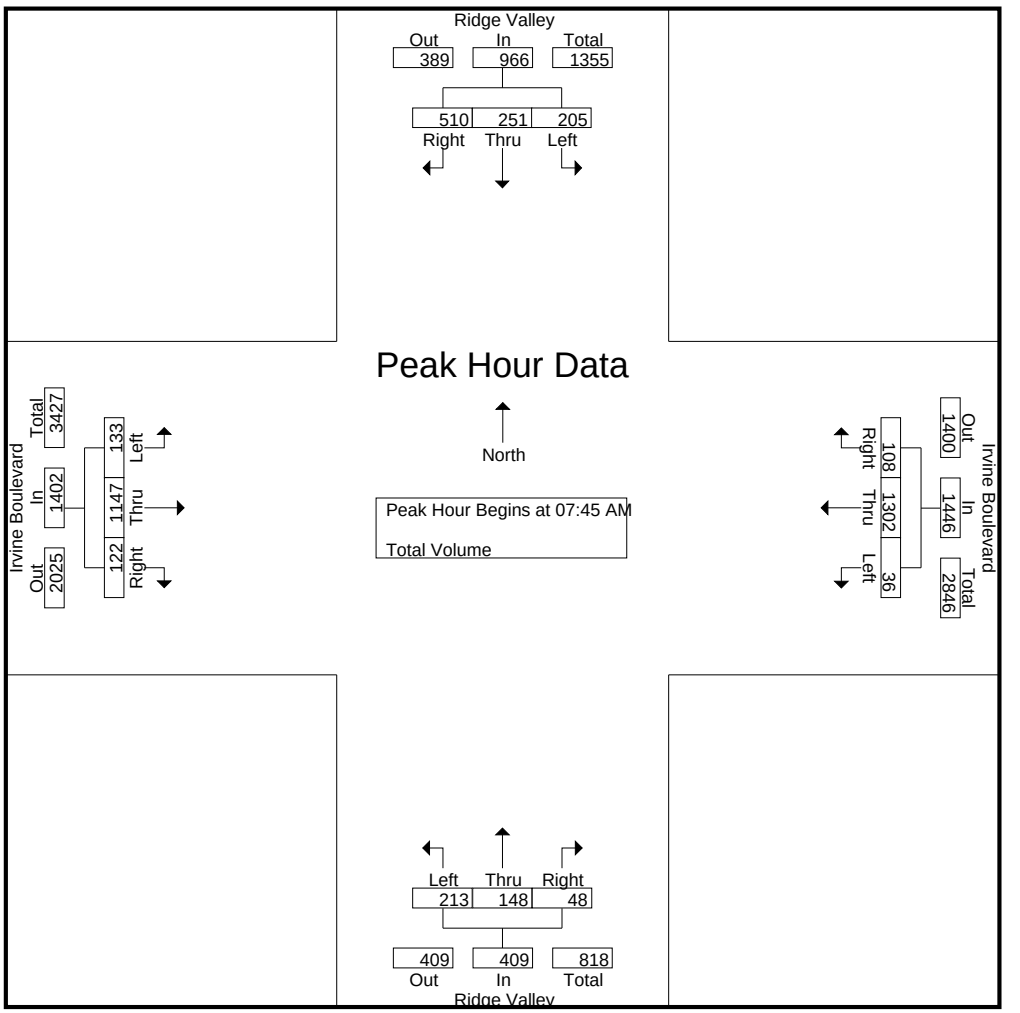
	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	3	56	66	17	144	1	162	16	5	11	32	15	136	0	151	411
07:15 AM	5	8	105	118	6	216	6	228	43	4	7	54	20	176	9	205	605
07:30 AM	16	11	109	136	11	306	8	325	43	11	8	62	14	240	18	272	795
07:45 AM	41	31	136	208	5	337	14	356	44	10	7	61	33	293	27	353	978
Total	69	53	406	528	39	1003	29	1071	146	30	33	209	82	845	54	981	2789
08:00 AM	103	117	117	337	11	307	26	344	66	20	14	100	35	339	39	413	1194
08:15 AM	45	87	140	272	11	310	31	352	58	80	13	151	28	255	28	311	1086
08:30 AM	16	16	117	149	9	348	37	394	45	38	14	97	37	260	28	325	965
08:45 AM	13	15	118	146	12	253	4	269	47	11	7	65	41	245	23	309	789
Total	177	235	492	904	43	1218	98	1359	216	149	48	413	141	1099	118	1358	4034
Grand Total	246	288	898	1432	82	2221	127	2430	362	179	81	622	223	1944	172	2339	6823
Apprch %	17.2	20.1	62.7		3.4	91.4	5.2		58.2	28.8	13		9.5	83.1	7.4		
Total %	3.6	4.2	13.2	21	1.2	32.6	1.9	35.6	5.3	2.6	1.2	9.1	3.3	28.5	2.5	34.3	

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	41	31	136	208	5	337	14	356	44	10	7	61	33	293	27	353	978
08:00 AM	**103**	**117**	117	**337**	**11**	307	26	344	**66**	20	**14**	100	35	**339**	**39**	**413**	**1194**
08:15 AM	45	87	**140**	272	11	310	31	352	58	**80**	13	**151**	28	255	28	311	1086
08:30 AM	16	16	117	149	9	**348**	**37**	**394**	45	38	14	97	**37**	260	28	325	965
Total Volume	205	251	510	966	36	1302	108	1446	213	148	48	409	133	1147	122	1402	4223
% App. Total	21.2	26	52.8		2.5	90	7.5		52.1	36.2	11.7		9.5	81.8	8.7		
PHF	.498	.536	.911	.717	.818	.935	.730	.918	.807	.463	.857	.677	.899	.846	.782	.849	.884

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard
Weather: Clear

File Name : 558_IRV_RV_Irv Blvd Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	41	31	136	208	5	337	14	356	**66**	20	**14**	100	33	293	27	353
+15 mins.	**103**	**117**	117	**337**	**11**	307	26	344	58	**80**	13	**151**	35	**339**	**39**	**413**
+30 mins.	45	87	**140**	272	11	310	31	352	45	38	14	97	28	255	28	311
+45 mins.	16	16	117	149	9	**348**	**37**	**394**	47	11	7	65	**37**	260	28	325
Total Volume	205	251	510	966	36	1302	108	1446	216	149	48	413	133	1147	122	1402
% App. Total	21.2	26	52.8		2.5	90	7.5		52.3	36.1	11.6		9.5	81.8	8.7	
PHF	.498	.536	.911	.717	.818	.935	.730	.918	.818	.466	.857	.684	.899	.846	.782	.849

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Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	10	53	74	7	366	20	393	47	19	10	76	63	236	37	336	879
04:15 PM	12	9	56	77	7	348	8	363	56	18	9	83	57	255	67	379	902
04:30 PM	17	14	70	101	10	294	24	328	37	12	7	56	89	270	61	420	905
04:45 PM	12	18	74	104	6	384	21	411	59	17	6	82	68	284	60	412	1009
Total	52	51	253	356	30	1392	73	1495	199	66	32	297	277	1045	225	1547	3695
05:00 PM	13	11	67	91	14	303	18	335	36	20	20	76	94	297	52	443	945
05:15 PM	16	8	67	91	10	374	29	413	44	23	6	73	113	322	64	499	1076
05:30 PM	19	19	77	115	7	301	22	330	56	28	11	95	101	269	68	438	978
05:45 PM	20	6	56	82	17	292	20	329	47	11	1	59	103	287	69	459	929
Total	68	44	267	379	48	1270	89	1407	183	82	38	303	411	1175	253	1839	3928
06:00 PM	12	9	53	74	12	288	13	313	49	15	8	72	95	259	62	416	875
06:15 PM	12	5	52	69	6	231	14	251	42	14	11	67	95	259	56	410	797
Grand Total	144	109	625	878	96	3181	189	3466	473	177	89	739	878	2738	596	4212	9295
Apprch %	16.4	12.4	71.2		2.8	91.8	5.5		64	24	12		20.8	65	14.2		
Total %	1.5	1.2	6.7	9.4	1	34.2	2	37.3	5.1	1.9	1	8	9.4	29.5	6.4	45.3	

	Ridge Valley Southbound				Irvine Boulevard Westbound				Ridge Valley Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	12	18	74	104	6	**384**	21	411	**59**	17	6	82	68	284	60	412	1009
05:00 PM	13	11	67	91	**14**	303	18	335	36	20	**20**	76	94	297	52	443	945
05:15 PM	16	8	67	91	10	374	**29**	**413**	44	23	6	73	**113**	**322**	64	**499**	**1076**
05:30 PM	**19**	**19**	**77**	**115**	7	301	22	330	56	**28**	11	**95**	101	269	**68**	438	978
Total Volume	60	56	285	401	37	1362	90	1489	195	88	43	326	376	1172	244	1792	4008
% App. Total	15	14	71.1		2.5	91.5	6		59.8	27	13.2		21	65.4	13.6		
PHF	.789	.737	.925	.872	.661	.887	.776	.901	.826	.786	.538	.858	.832	.910	.897	.898	.931

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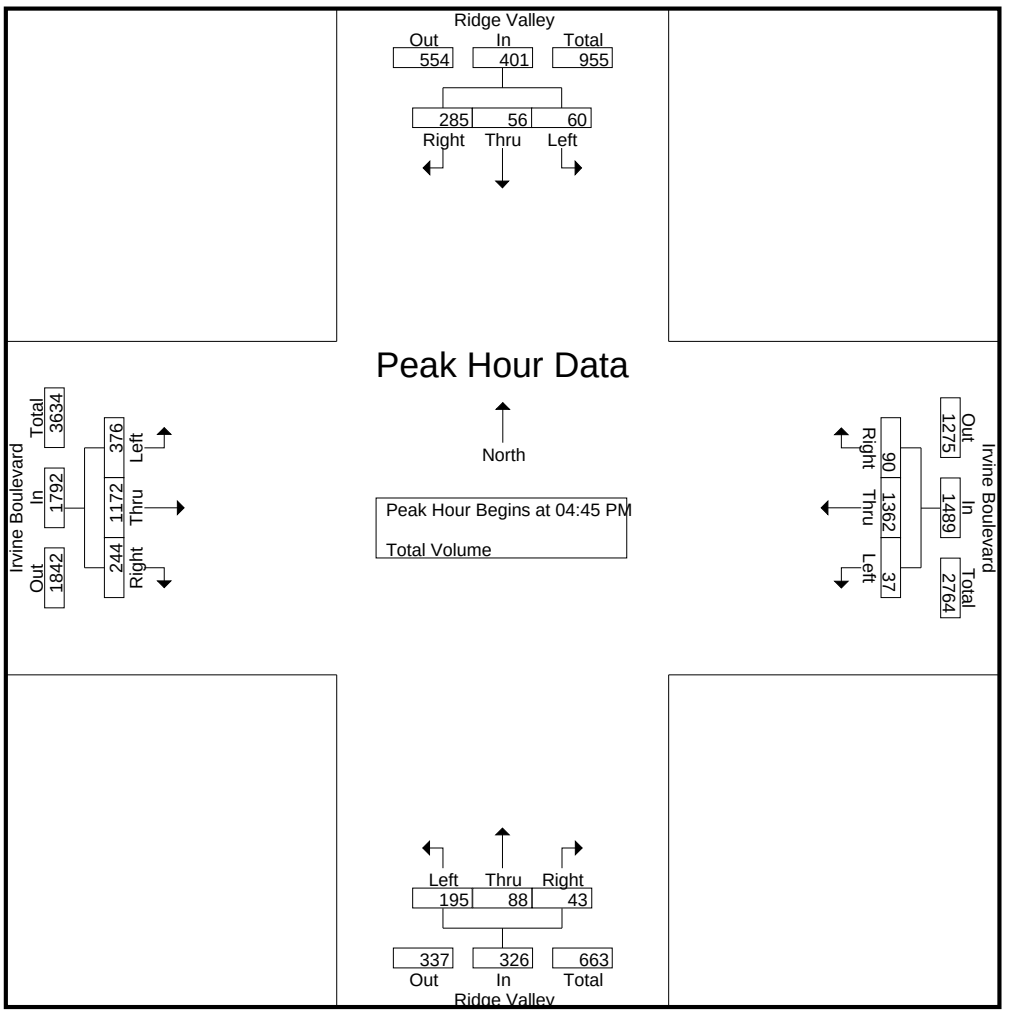

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	12	18	74	104	7	366	20	393	**59**	17	6	82	94	297	52	443
+15 mins.	13	11	67	91	7	348	8	363	36	20	**20**	76	**113**	**322**	64	**499**
+30 mins.	16	8	67	91	**10**	294	**24**	328	44	23	6	73	101	269	68	438
+45 mins.	**19**	**19**	**77**	**115**	6	**384**	21	**411**	56	**28**	11	**95**	103	287	**69**	459
Total Volume	60	56	285	401	30	1392	73	1495	195	88	43	326	411	1175	253	1839
% App. Total	15	14	71.1		2	93.1	4.9		59.8	27	13.2		22.3	63.9	13.8	
PHF	.789	.737	.925	.872	.750	.906	.760	.909	.826	.786	.538	.858	.909	.912	.917	.921

Location: Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Irvine Boulevard	South Leg Ridge Valley	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	1	2
7:15 AM	1	0	0	0	1
7:30 AM	1	0	1	0	2
7:45 AM	0	1	2	1	4
8:00 AM	1	0	7	0	8
8:15 AM	1	1	14	1	17
8:30 AM	1	0	11	1	13
8:45 AM	0	0	3	0	3
TOTAL VOLUMES:	6	2	38	4	50

	North Leg Ridge Valley	East Leg Irvine Boulevard	South Leg Ridge Valley	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	1	3	3	8
4:15 PM	2	0	3	2	7
4:30 PM	0	0	3	0	3
4:45 PM	0	0	5	2	7
5:00 PM	0	0	4	1	5
5:15 PM	0	0	2	1	3
5:30 PM	2	0	0	0	2
5:45 PM	0	0	0	0	0
6:00 PM	0	0	1	1	2
6:15 PM	1	1	2	2	6
TOTAL VOLUMES:	6	2	23	12	43

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Location: Irvine
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Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Ridge Valley			Westbound Irvine Boulevard			Northbound Ridge Valley			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:45 AM	0	0	3	0	0	0	0	0	0	0	1	0	4
8:00 AM	0	0	1	0	1	0	0	0	0	0	1	0	3
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	1	2
8:30 AM	0	0	1	0	2	0	0	0	0	0	1	0	4
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	5	0	5	0	0	0	0	0	6	1	17

	Southbound Ridge Valley			Westbound Irvine Boulevard			Northbound Ridge Valley			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	2	0	1	0	0	0	0	0	4
4:15 PM	0	0	0	0	0	1	0	0	0	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	1	1	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL VOLUMES:	0	1	0	0	6	2	1	0	0	0	3	1	14

Location: Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Irvine Boulevard	South Leg Ridge Valley	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	1	0	0	0	1
7:30 AM	0	1	1	0	2
7:45 AM	1	1	1	1	4
8:00 AM	3	0	6	2	11
8:15 AM	0	0	13	3	16
8:30 AM	1	0	3	1	5
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	6	2	24	8	40

	North Leg Ridge Valley	East Leg Irvine Boulevard	South Leg Ridge Valley	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	4	4	2	6	16
4:15 PM	0	1	0	0	1
4:30 PM	0	0	4	1	5
4:45 PM	0	1	4	4	9
5:00 PM	2	4	0	4	10
5:15 PM	0	0	1	1	2
5:30 PM	1	1	3	0	5
5:45 PM	3	1	0	1	5
6:00 PM	1	2	0	0	3
6:15 PM	1	0	1	0	2
TOTAL VOLUMES:	12	14	15	17	58

Location: Irvine
N/S: Ridge Valley
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Ridge Valley			Westbound Irvine Boulevard			Northbound Ridge Valley			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	10	0	10
8:15 AM	0	0	2	0	0	0	0	0	0	0	3	0	5
8:30 AM	0	2	0	0	0	0	0	0	0	0	1	0	3
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	2	0	1	0	0	0	0	0	18	0	23

	Southbound Ridge Valley			Westbound Irvine Boulevard			Northbound Ridge Valley			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	2	1	0	0	0	0	0	0	4
4:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
4:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	1	1	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	3	1	0	0	0	0	0	0	4
5:15 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
5:30 PM	0	0	0	0	1	0	1	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	1	0	13	3	1	1	0	0	1	0	21

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Weather: Clear

File Name : 559_IRV_RV_GP Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	10	66	76	7	25	0	32	8	14	2	24	17	36	6	59	191
07:15 AM	0	15	80	95	7	45	0	52	6	8	7	21	23	48	7	78	246
07:30 AM	2	20	122	144	10	70	0	80	23	10	5	38	25	53	9	87	349
07:45 AM	0	33	120	153	14	79	2	95	51	10	5	66	26	82	9	117	431
Total	2	78	388	468	38	219	2	259	88	42	19	149	91	219	31	341	1217
08:00 AM	0	35	161	196	27	98	1	126	44	9	3	56	41	115	28	184	562
08:15 AM	0	37	149	186	26	92	2	120	9	11	1	21	47	144	33	224	551
08:30 AM	1	41	147	189	27	101	1	129	10	5	1	16	49	72	14	135	469
08:45 AM	2	28	124	154	12	96	2	110	17	8	1	26	36	44	14	94	384
Total	3	141	581	725	92	387	6	485	80	33	6	119	173	375	89	637	1966
Grand Total	5	219	969	1193	130	606	8	744	168	75	25	268	264	594	120	978	3183
Apprch %	0.4	18.4	81.2		17.5	81.5	1.1		62.7	28	9.3		27	60.7	12.3		
Total %	0.2	6.9	30.4	37.5	4.1	19	0.3	23.4	5.3	2.4	0.8	8.4	8.3	18.7	3.8	30.7	

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	33	120	153	14	79	**2**	95	**51**	10	**5**	**66**	26	82	9	117	431
08:00 AM	0	35	**161**	**196**	**27**	98	1	126	44	9	3	56	41	115	28	184	**562**
08:15 AM	0	37	149	186	26	92	2	120	9	**11**	1	21	47	**144**	**33**	**224**	551
08:30 AM	**1**	**41**	147	189	27	**101**	1	**129**	10	5	1	16	**49**	72	14	135	469
Total Volume	1	146	577	724	94	370	6	470	114	35	10	159	163	413	84	660	2013
% App. Total	0.1	20.2	79.7		20	78.7	1.3		71.7	22	6.3		24.7	62.6	12.7		
PHF	.250	.890	.896	.923	.870	.916	.750	.911	.559	.795	.500	.602	.832	.717	.636	.737	.895

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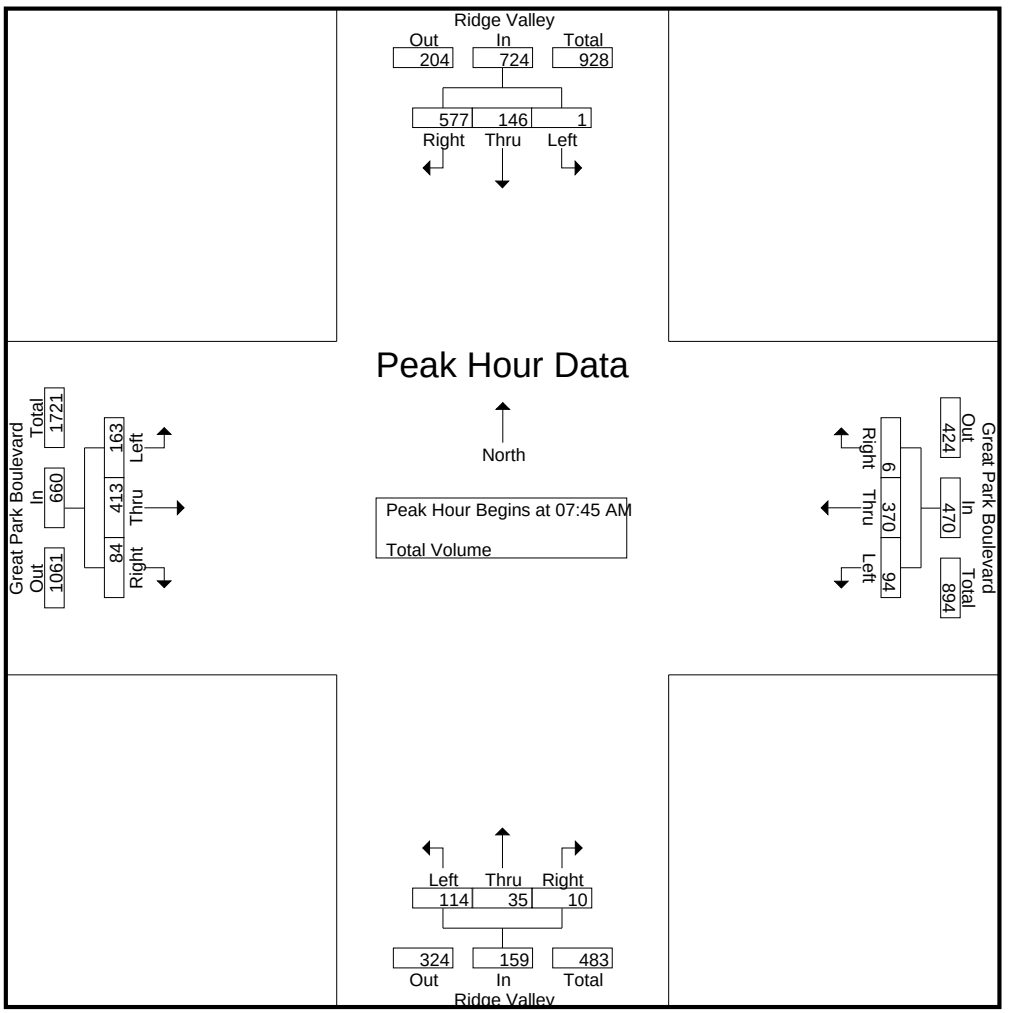

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				07:15 AM				07:45 AM			
+0 mins.	0	35	**161**	**196**	**27**	98	1	126	6	8	**7**	21	26	82	9	117
+15 mins.	0	37	149	186	26	92	**2**	120	23	**10**	5	38	41	115	28	184
+30 mins.	1	**41**	147	189	27	**101**	1	**129**	**51**	10	5	**66**	47	**144**	**33**	**224**
+45 mins.	**2**	28	124	154	12	96	2	110	44	9	3	56	**49**	72	14	135
Total Volume	3	141	581	725	92	387	6	485	124	37	20	181	163	413	84	660
% App. Total	0.4	19.4	80.1		19	79.8	1.2		68.5	20.4	11		24.7	62.6	12.7	
PHF	.375	.860	.902	.925	.852	.958	.750	.940	.608	.925	.714	.686	.832	.717	.636	.737

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Groups Printed- Total Volume

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	20	86	106	4	65	2	71	19	32	12	63	61	91	44	196	436
04:15 PM	1	18	99	118	4	69	0	73	27	16	22	65	75	102	38	215	471
04:30 PM	2	17	81	100	6	66	0	72	24	29	10	63	76	106	37	219	454
04:45 PM	1	19	84	104	6	67	2	75	22	40	6	68	77	120	32	229	476
Total	4	74	350	428	20	267	4	291	92	117	50	259	289	419	151	859	1837
05:00 PM	1	17	83	101	6	68	2	76	37	42	17	96	70	119	41	230	503
05:15 PM	2	6	86	94	10	63	2	75	32	26	23	81	64	134	18	216	466
05:30 PM	0	13	76	89	7	73	1	81	27	41	15	83	90	113	25	228	481
05:45 PM	2	20	80	102	11	46	3	60	47	33	21	101	122	115	36	273	536
Total	5	56	325	386	34	250	8	292	143	142	76	361	346	481	120	947	1986
06:00 PM	1	12	78	91	3	62	2	67	39	53	27	119	101	130	24	255	532
06:15 PM	3	14	73	90	6	57	0	63	45	42	26	113	90	114	26	230	496
Grand Total	13	156	826	995	63	636	14	713	319	354	179	852	826	1144	321	2291	4851
Apprch %	1.3	15.7	83		8.8	89.2	2		37.4	41.5	21		36.1	49.9	14		
Total %	0.3	3.2	17	20.5	1.3	13.1	0.3	14.7	6.6	7.3	3.7	17.6	17	23.6	6.6	47.2	

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:30 PM																	
05:30 PM	0	13	76	89	7	**73**	1	**81**	27	41	15	83	90	113	25	228	481
05:45 PM	2	**20**	**80**	**102**	**11**	46	**3**	60	**47**	33	21	101	**122**	115	**36**	**273**	**536**
06:00 PM	1	12	78	91	3	62	2	67	39	**53**	**27**	**119**	101	**130**	24	255	532
06:15 PM	**3**	14	73	90	6	57	0	63	45	42	26	113	90	114	26	230	496
Total Volume	6	59	307	372	27	238	6	271	158	169	89	416	403	472	111	986	2045
% App. Total	1.6	15.9	82.5		10	87.8	2.2		38	40.6	21.4		40.9	47.9	11.3		
PHF	.500	.738	.959	.912	.614	.815	.500	.836	.840	.797	.824	.874	.826	.908	.771	.903	.954

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City of Irvine
N/S: Ridge Valley
E/W: Great Park Boulevard
Weather: Clear

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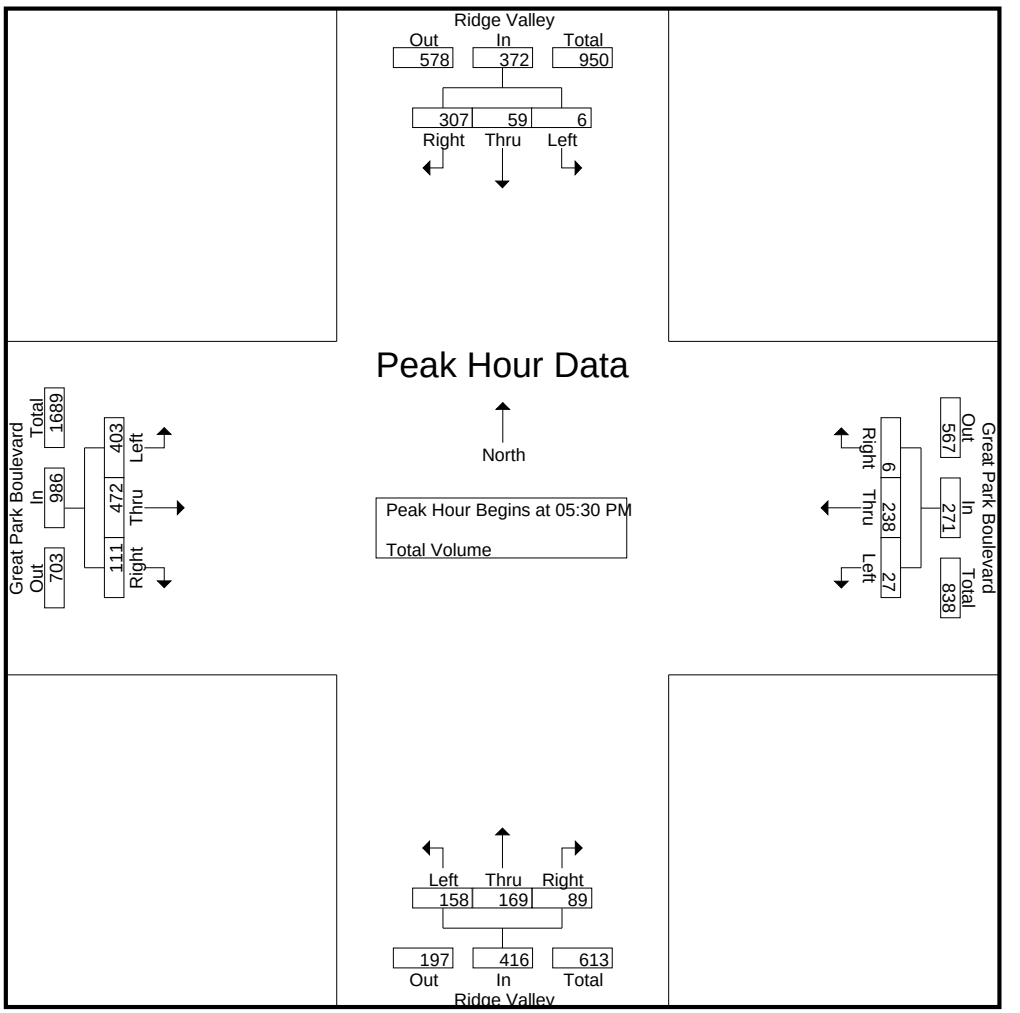

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				05:30 PM				05:30 PM			
+0 mins.	0	**20**	86	106	6	67	**2**	75	27	41	15	83	90	113	25	228
+15 mins.	1	18	**99**	**118**	6	68	2	76	**47**	33	21	101	**122**	115	**36**	**273**
+30 mins.	**2**	17	81	100	**10**	63	2	75	39	**53**	**27**	**119**	101	**130**	24	255
+45 mins.	1	19	84	104	7	**73**	1	**81**	45	42	26	113	90	114	26	230
Total Volume	4	74	350	428	29	271	7	307	158	169	89	416	403	472	111	986
% App. Total	0.9	17.3	81.8		9.4	88.3	2.3		38	40.6	21.4		40.9	47.9	11.3	
PHF	.500	.925	.884	.907	.725	.928	.875	.948	.840	.797	.824	.874	.826	.908	.771	.903

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Groups Printed- Total Volume

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	9	64	73	2	42	0	44	8	13	3	24	20	42	4	66	207
07:15 AM	0	10	88	98	10	48	0	58	8	6	5	19	20	48	7	75	250
07:30 AM	1	30	118	149	18	61	0	79	20	12	8	40	21	66	5	92	360
07:45 AM	0	22	119	141	16	83	0	99	46	5	7	58	29	107	9	145	443
Total	1	71	389	461	46	234	0	280	82	36	23	141	90	263	25	378	1260
08:00 AM	0	42	139	181	24	75	0	99	33	15	6	54	57	130	22	209	543
08:15 AM	1	33	156	190	19	110	2	131	14	13	3	30	29	85	25	139	490
08:30 AM	0	33	168	201	14	142	0	156	21	7	4	32	36	61	10	107	496
08:45 AM	1	40	99	140	12	63	0	75	15	4	6	25	48	65	20	133	373
Total	2	148	562	712	69	390	2	461	83	39	19	141	170	341	77	588	1902
Grand Total	3	219	951	1173	115	624	2	741	165	75	42	282	260	604	102	966	3162
Apprch %	0.3	18.7	81.1		15.5	84.2	0.3		58.5	26.6	14.9		26.9	62.5	10.6		
Total %	0.1	6.9	30.1	37.1	3.6	19.7	0.1	23.4	5.2	2.4	1.3	8.9	8.2	19.1	3.2	30.6	

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	22	119	141	16	83	0	99	**46**	5	**7**	**58**	29	107	9	145	443
08:00 AM	0	**42**	139	181	**24**	75	0	99	33	**15**	6	54	**57**	**130**	22	**209**	**543**
08:15 AM	**1**	33	156	190	19	110	**2**	131	14	13	3	30	29	85	**25**	139	490
08:30 AM	0	33	**168**	**201**	14	**142**	0	**156**	21	7	4	32	36	61	10	107	496
Total Volume	1	130	582	713	73	410	2	485	114	40	20	174	151	383	66	600	1972
% App. Total	0.1	18.2	81.6		15.1	84.5	0.4		65.5	23	11.5		25.2	63.8	11		
PHF	.250	.774	.866	.887	.760	.722	.250	.777	.620	.667	.714	.750	.662	.737	.660	.718	.908

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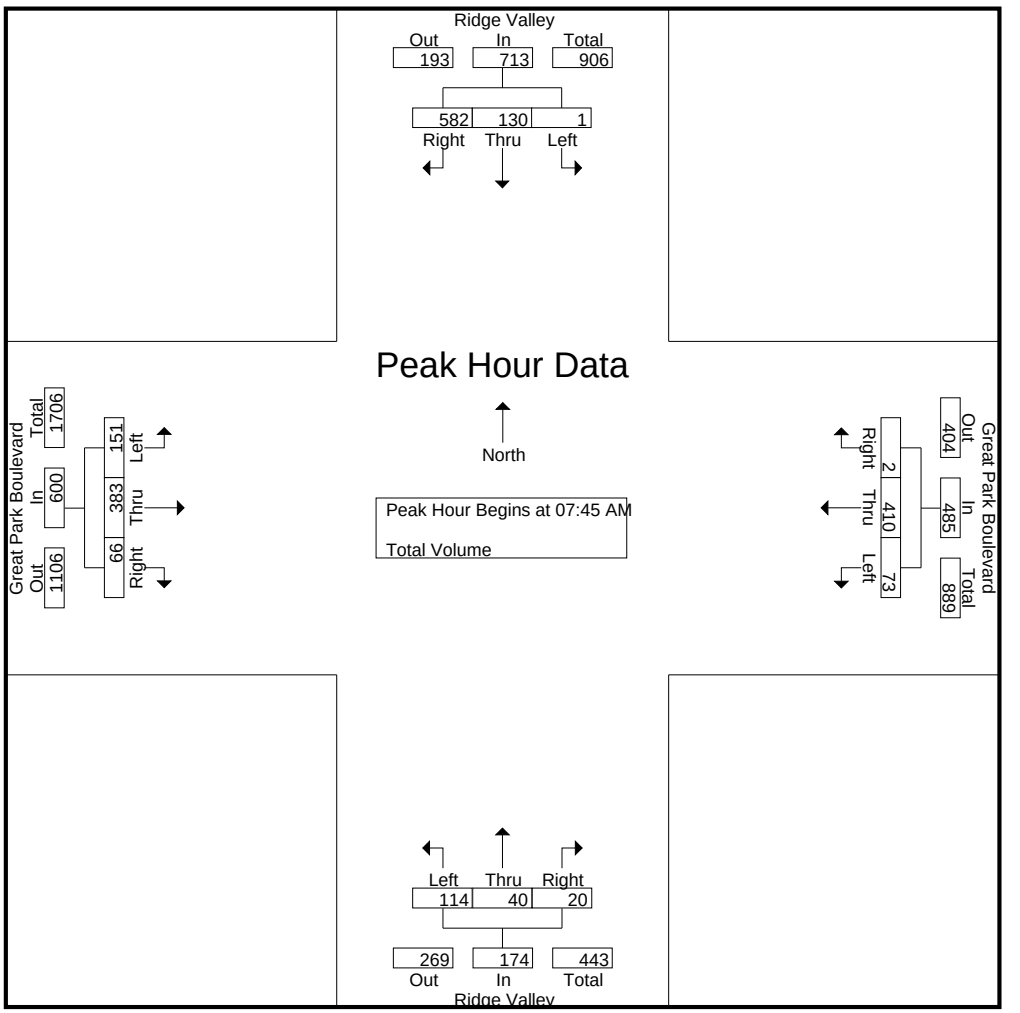

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:30 AM				07:45 AM			
+0 mins.	0	22	119	141	16	83	0	99	20	12	**8**	40	29	107	9	145
+15 mins.	0	**42**	139	181	**24**	75	0	99	**46**	5	7	**58**	**57**	**130**	22	**209**
+30 mins.	**1**	33	156	190	19	110	**2**	131	33	**15**	6	54	29	85	**25**	139
+45 mins.	0	33	**168**	**201**	14	**142**	0	**156**	14	13	3	30	36	61	10	107
Total Volume	1	130	582	713	73	410	2	485	113	45	24	182	151	383	66	600
% App. Total	0.1	18.2	81.6		15.1	84.5	0.4		62.1	24.7	13.2		25.2	63.8	11	
PHF	.250	.774	.866	.887	.760	.722	.250	.777	.614	.750	.750	.784	.662	.737	.660	.718

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City of Irvine
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Groups Printed- Total Volume

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	12	103	116	4	73	1	78	15	19	25	59	92	101	26	219	472
04:15 PM	4	13	70	87	5	74	0	79	27	24	16	67	79	111	48	238	471
04:30 PM	4	29	107	140	9	61	0	70	29	32	14	75	73	116	37	226	511
04:45 PM	3	20	100	123	3	56	2	61	34	34	14	82	84	122	28	234	500
Total	12	74	380	466	21	264	3	288	105	109	69	283	328	450	139	917	1954
05:00 PM	1	17	117	135	7	67	1	75	29	41	17	87	92	106	23	221	518
05:15 PM	3	10	126	139	10	49	1	60	36	32	24	92	68	123	33	224	515
05:30 PM	2	28	104	134	6	58	3	67	35	46	19	100	81	145	66	292	593
05:45 PM	2	31	81	114	2	51	1	54	24	34	26	84	123	129	56	308	560
Total	8	86	428	522	25	225	6	256	124	153	86	363	364	503	178	1045	2186
06:00 PM	2	13	100	115	5	64	5	74	48	38	24	110	119	102	36	257	556
06:15 PM	2	21	75	98	4	42	0	46	33	51	22	106	87	109	31	227	477
Grand Total	24	194	983	1201	55	595	14	664	310	351	201	862	898	1164	384	2446	5173
Apprch %	2	16.2	81.8		8.3	89.6	2.1		36	40.7	23.3		36.7	47.6	15.7		
Total %	0.5	3.8	19	23.2	1.1	11.5	0.3	12.8	6	6.8	3.9	16.7	17.4	22.5	7.4	47.3	

	Ridge Valley Southbound				Great Park Boulevard Westbound				Ridge Valley Northbound				Great Park Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:15 PM																	
05:15 PM	**3**	10	**126**	**139**	**10**	49	1	60	36	32	24	92	68	123	33	224	515
05:30 PM	2	28	104	134	6	58	3	67	35	**46**	19	100	81	**145**	**66**	292	**593**
05:45 PM	2	**31**	81	114	2	51	1	54	24	34	**26**	84	**123**	129	56	**308**	560
06:00 PM	2	13	100	115	5	**64**	**5**	**74**	**48**	38	24	**110**	119	102	36	257	556
Total Volume	9	82	411	502	23	222	10	255	143	150	93	386	391	499	191	1081	2224
% App. Total	1.8	16.3	81.9		9	87.1	3.9		37	38.9	24.1		36.2	46.2	17.7		
PHF	.750	.661	.815	.903	.575	.867	.500	.861	.745	.815	.894	.877	.795	.860	.723	.877	.938

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City of Irvine
N/S: Ridge Valley
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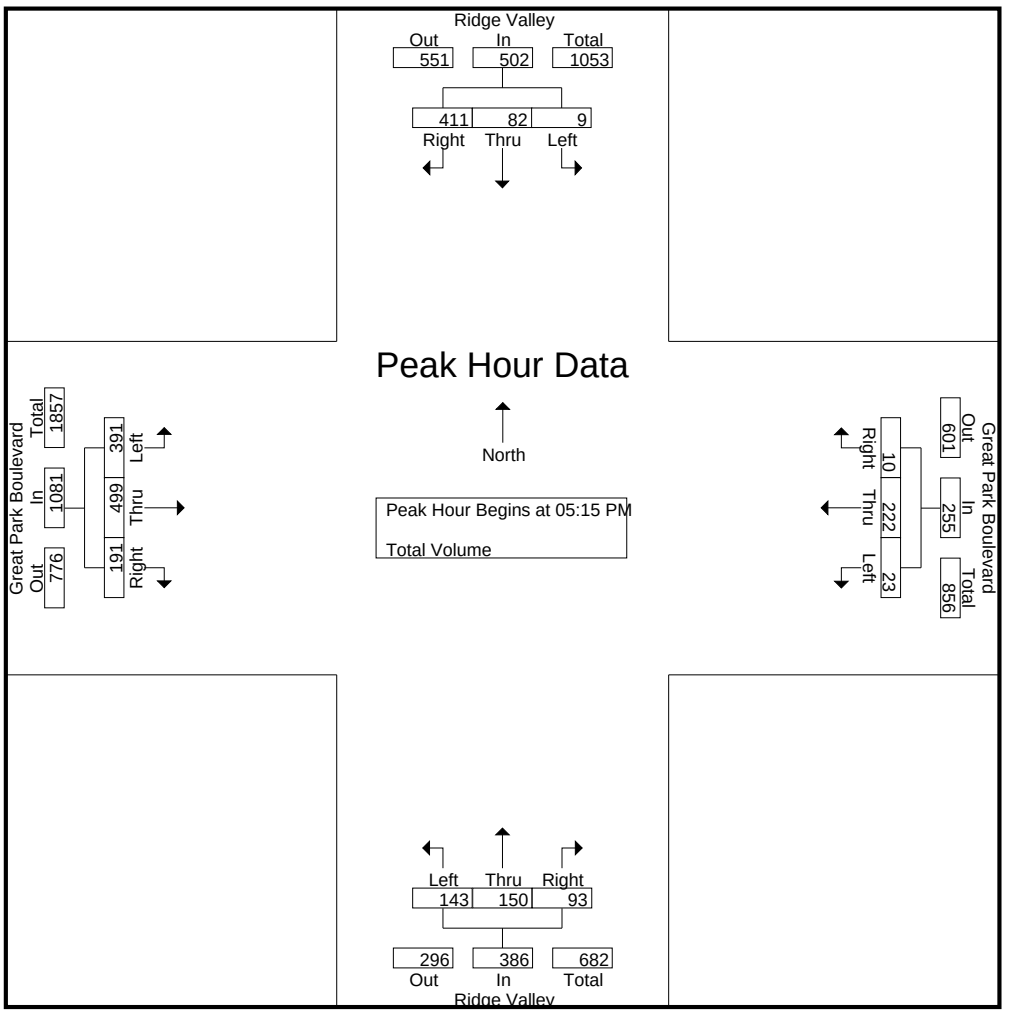

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:30 PM				05:30 PM			
+0 mins.	**4**	**29**	107	**140**	4	73	1	78	35	46	19	100	81	**145**	**66**	292
+15 mins.	3	20	100	123	5	**74**	0	**79**	24	34	**26**	84	**123**	129	56	**308**
+30 mins.	1	17	117	135	**9**	61	0	70	**48**	38	24	**110**	119	102	36	257
+45 mins.	3	10	**126**	139	3	56	**2**	61	33	**51**	22	106	87	109	31	227
Total Volume	11	76	450	537	21	264	3	288	140	169	91	400	410	485	189	1084
% App. Total	2	14.2	83.8		7.3	91.7	1		35	42.2	22.8		37.8	44.7	17.4	
PHF	.688	.655	.893	.959	.583	.892	.375	.911	.729	.828	.875	.909	.833	.836	.716	.880

Location: Irvine
N/S: Ridge Valley
E/W: Great Park Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Great Park Boulevard	South Leg Ridge Valley	West Leg Great Park Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	3	3
8:00 AM	1	0	1	3	5
8:15 AM	1	0	1	4	6
8:30 AM	0	0	0	1	1
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	2	0	2	13	17

	North Leg Ridge Valley	East Leg Great Park Boulevard	South Leg Ridge Valley	West Leg Great Park Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	1	1
4:30 PM	0	1	1	4	6
4:45 PM	0	1	1	2	4
5:00 PM	0	0	0	3	3
5:15 PM	0	0	0	1	1
5:30 PM	0	4	0	5	9
5:45 PM	2	0	0	3	5
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	3	6	2	19	30

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Location: Irvine
N/S: Ridge Valley
E/W: Great Park Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Ridge Valley			Westbound Great Park Boulevard			Northbound Ridge Valley			Eastbound Great Park Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	1	4	0	0	0	0	0	0	0	0	0	5
8:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	6	0	0	0	0	0	0	0	0	0	7

	Southbound Ridge Valley			Westbound Great Park Boulevard			Northbound Ridge Valley			Eastbound Great Park Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	6	0	0	0	0	0	1	7
4:45 PM	0	0	1	0	0	0	0	1	0	0	1	1	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	1	6	0	1	0	0	1	2	12

Location: Irvine
N/S: Ridge Valley
E/W: Great Park Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Great Park Boulevard	South Leg Ridge Valley	West Leg Great Park Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	1	0	1	2
7:30 AM	0	0	0	1	1
7:45 AM	1	0	2	2	5
8:00 AM	1	1	0	3	5
8:15 AM	0	0	0	2	2
8:30 AM	1	0	0	2	3
8:45 AM	1	0	0	2	3
TOTAL VOLUMES:	4	2	3	13	22

	North Leg Ridge Valley	East Leg Great Park Boulevard	South Leg Ridge Valley	West Leg Great Park Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	1	2
4:30 PM	0	0	0	1	1
4:45 PM	1	0	0	1	2
5:00 PM	2	0	0	0	2
5:15 PM	0	0	0	2	2
5:30 PM	0	0	0	2	2
5:45 PM	0	3	1	0	4
6:00 PM	1	0	0	0	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	4	3	2	7	16

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Location: Irvine
N/S: Ridge Valley
E/W: Great Park Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Ridge Valley			Westbound Great Park Boulevard			Northbound Ridge Valley			Eastbound Great Park Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	3	0	0	0	0	1	0	0	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	4	0	0	0	0	1	0	0	0	0	6

	Southbound Ridge Valley			Westbound Great Park Boulevard			Northbound Ridge Valley			Eastbound Great Park Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	2	0	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	1	0	1	0	0	0	1	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	2	0	2	0	1	0	0	1	1	0	1	0	8

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City of Irvine
N/S: Ridge Valley
E/W: Marine Way
Weather: Clear

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Groups Printed- Total Volume

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	0	52	52	29	7	36	31	25	56	144
07:15 AM	0	64	64	20	0	20	29	27	56	140
07:30 AM	2	99	101	18	1	19	30	28	58	178
07:45 AM	4	110	114	21	5	26	43	27	70	210
Total	6	325	331	88	13	101	133	107	240	672
08:00 AM	3	171	174	15	16	31	0	60	60	265
08:15 AM	0	133	133	21	14	35	0	70	70	238
08:30 AM	1	115	116	10	19	29	0	53	53	198
08:45 AM	1	109	110	17	16	33	0	66	66	209
Total	5	528	533	63	65	128	0	249	249	910
Grand Total	11	853	864	151	78	229	133	356	489	1582
Apprch %	1.3	98.7		65.9	34.1		27.2	72.8		
Total %	0.7	53.9	54.6	9.5	4.9	14.5	8.4	22.5	30.9	

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	**4**	110	114	**21**	5	26	**43**	27	**70**	210
08:00 AM	3	**171**	**174**	15	16	31	0	60	60	**265**
08:15 AM	0	133	133	21	14	**35**	0	**70**	70	238
08:30 AM	1	115	116	10	**19**	29	0	53	53	198
Total Volume	8	529	537	67	54	121	43	210	253	911
% App. Total	1.5	98.5		55.4	44.6		17	83		
PHF	.500	.773	.772	.798	.711	.864	.250	.750	.904	.859

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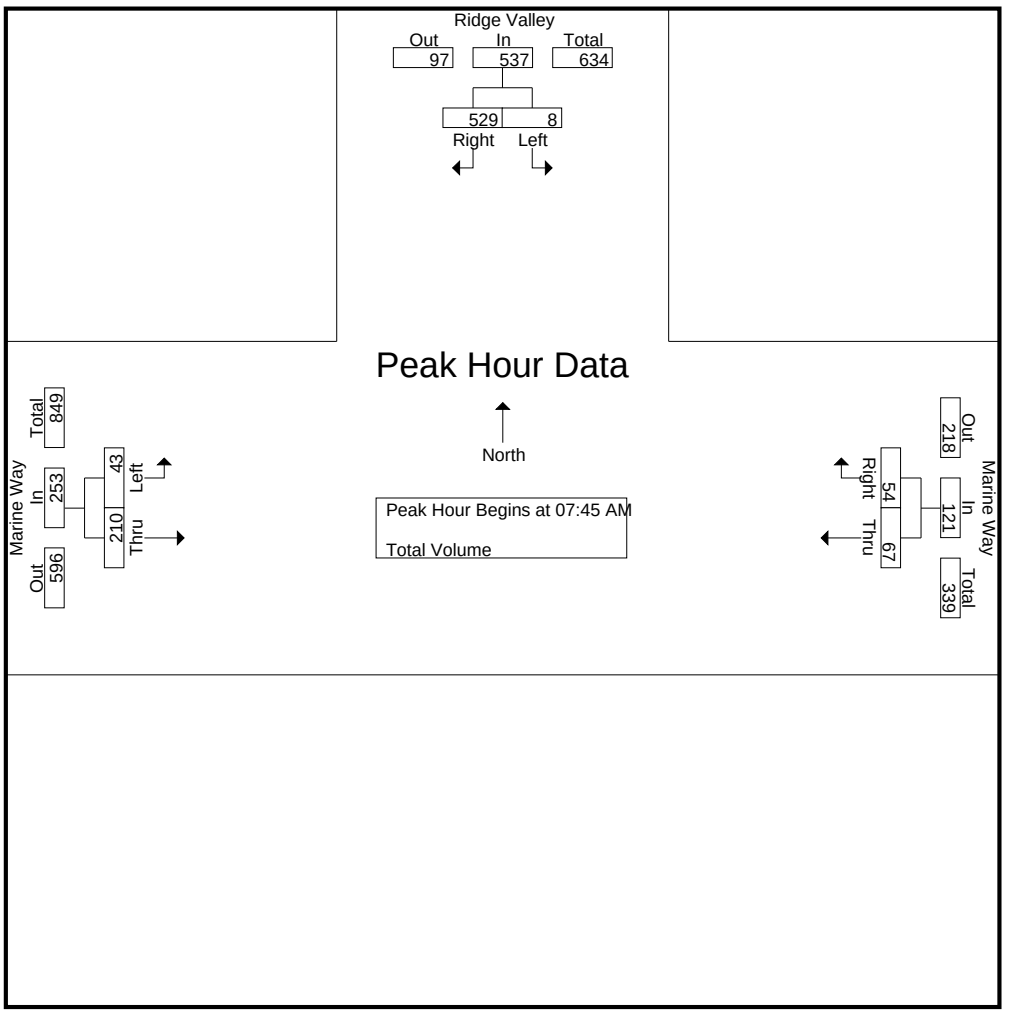

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			07:30 AM		
+0 mins.	**4**	110	114	15	16	31	30	28	58
+15 mins.	3	**171**	**174**	**21**	14	**35**	**43**	27	**70**
+30 mins.	0	133	133	10	**19**	29	0	60	60
+45 mins.	1	115	116	17	16	33	0	**70**	70
Total Volume	8	529	537	63	65	128	73	185	258
% App. Total	1.5	98.5		49.2	50.8		28.3	71.7	
PHF	.500	.773	.772	.750	.855	.914	.424	.661	.921

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City of Irvine
N/S: Ridge Valley
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	2	54	56	34	4	38	97	40	137	231
04:15 PM	14	56	70	51	15	66	112	96	208	344
04:30 PM	5	50	55	80	8	88	104	59	163	306
04:45 PM	4	65	69	39	6	45	125	32	157	271
Total	25	225	250	204	33	237	438	227	665	1152
05:00 PM	3	74	77	24	6	30	112	25	137	244
05:15 PM	4	74	78	21	4	25	116	33	149	252
05:30 PM	5	71	76	29	5	34	118	58	176	286
05:45 PM	17	70	87	29	25	54	130	83	213	354
Total	29	289	318	103	40	143	476	199	675	1136
06:00 PM	13	98	111	150	50	200	157	59	216	527
06:15 PM	5	64	69	42	16	58	143	22	165	292
Grand Total	72	676	748	499	139	638	1214	507	1721	3107
Apprch %	9.6	90.4		78.2	21.8		70.5	29.5		
Total %	2.3	21.8	24.1	16.1	4.5	20.5	39.1	16.3	55.4	

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:30 PM										
05:30 PM	5	71	76	29	5	34	118	58	176	286
05:45 PM	**17**	70	87	29	25	54	130	**83**	213	354
06:00 PM	13	**98**	**111**	**150**	**50**	**200**	**157**	59	**216**	**527**
06:15 PM	5	64	69	42	16	58	143	22	165	292
Total Volume	40	303	343	250	96	346	548	222	770	1459
% App. Total	11.7	88.3		72.3	27.7		71.2	28.8		
PHF	.588	.773	.773	.417	.480	.433	.873	.669	.891	.692

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City of Irvine
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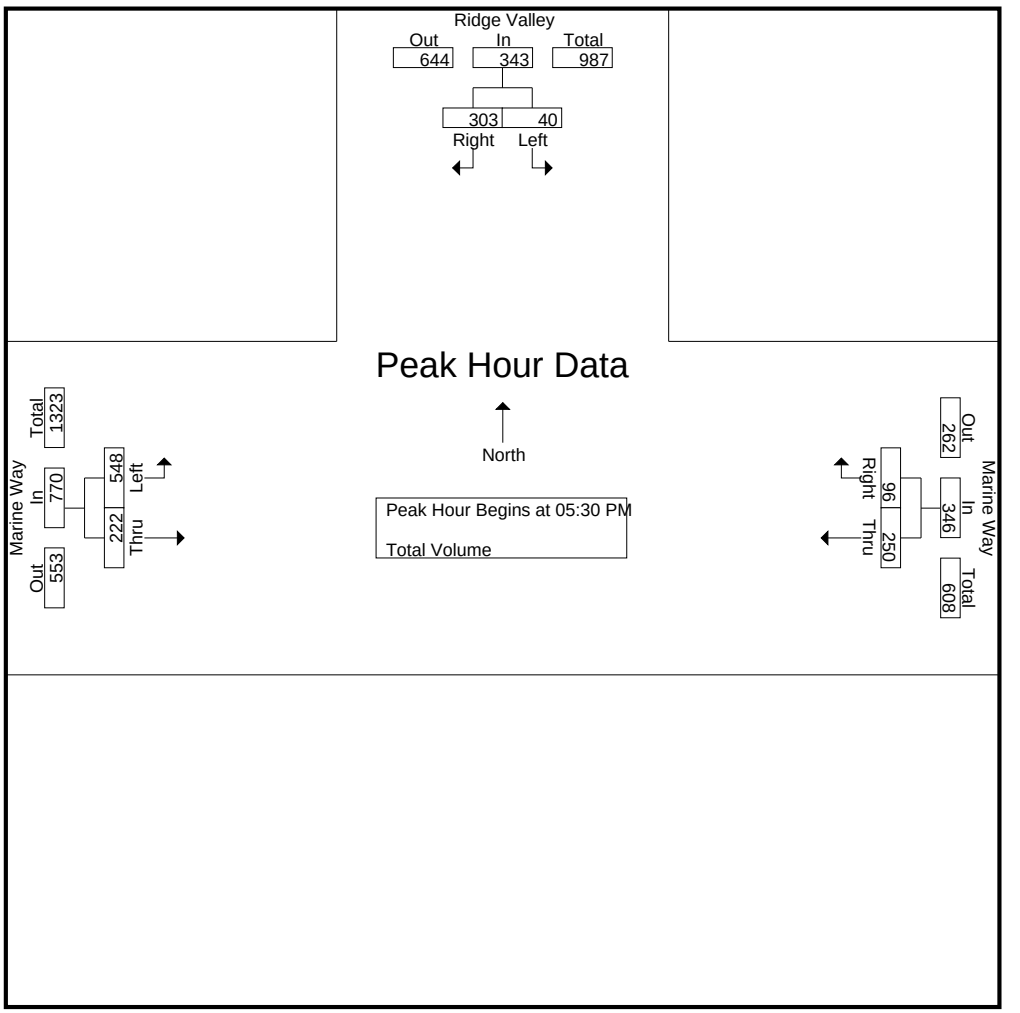
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:15 PM			05:30 PM			05:30 PM		
+0 mins.	4	74	78	29	5	34	118	58	176
+15 mins.	5	71	76	29	25	54	130	**83**	213
+30 mins.	**17**	70	87	**150**	**50**	**200**	**157**	59	**216**
+45 mins.	13	**98**	**111**	42	16	58	143	22	165
Total Volume	39	313	352	250	96	346	548	222	770
% App. Total	11.1	88.9		72.3	27.7		71.2	28.8	
PHF	.574	.798	.793	.417	.480	.433	.873	.669	.891

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City of Irvine
N/S: Ridge Valley
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	35	0	35	0	47	47	0	0	0	82
07:15 AM	33	0	33	0	60	60	0	0	0	93
07:30 AM	30	0	30	0	89	89	0	0	0	119
07:45 AM	35	0	35	0	100	100	0	0	0	135
Total	133	0	133	0	296	296	0	0	0	429
08:00 AM	40	0	40	0	142	142	0	0	0	182
08:15 AM	42	0	42	0	145	145	0	0	0	187
08:30 AM	33	0	33	0	104	104	0	0	0	137
08:45 AM	27	0	27	0	99	99	0	0	0	126
Total	142	0	142	0	490	490	0	0	0	632
Grand Total	275	0	275	0	786	786	0	0	0	1061
Apprch %	100	0		0	100		0	0		
Total %	25.9	0	25.9	0	74.1	74.1	0	0	0	

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	35	0	35	0	100	100	0	0	0	135
08:00 AM	40	0	40	0	142	142	0	0	0	182
08:15 AM	**42**	0	**42**	0	**145**	**145**	0	0	0	**187**
08:30 AM	33	0	33	0	104	104	0	0	0	137
Total Volume	150	0	150	0	491	491	0	0	0	641
% App. Total	100	0		0	100		0	0		
PHF	.893	.000	.893	.000	.847	.847	.000	.000	.000	.857

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City of Irvine
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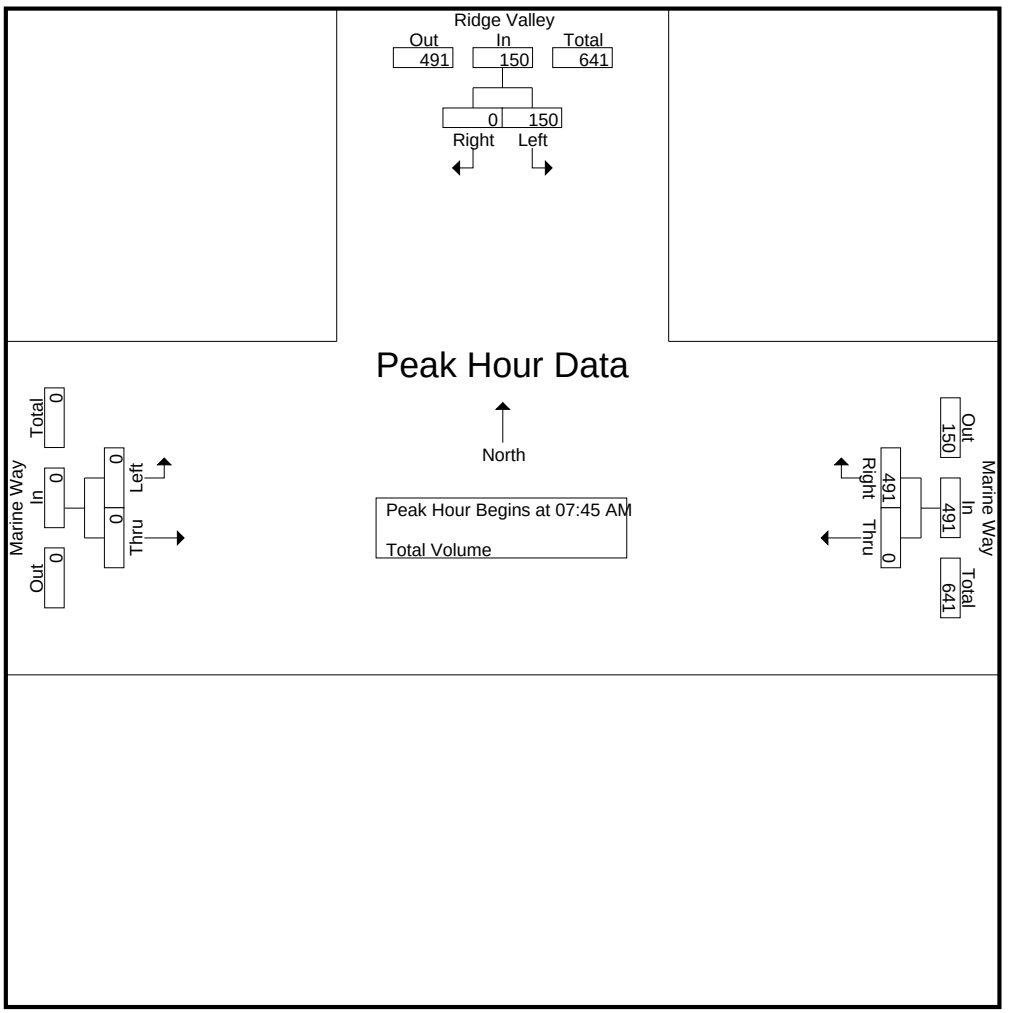
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:00 AM		
+0 mins.	35	0	35	0	100	100	0	0	0
+15 mins.	40	0	40	0	142	142	0	0	0
+30 mins.	**42**	0	**42**	0	**145**	**145**	0	0	0
+45 mins.	33	0	33	0	104	104	0	0	0
Total Volume	150	0	150	0	491	491	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.893	.000	.893	.000	.847	.847	.000	.000	.000

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City of Irvine
N/S: Ridge Valley
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	103	0	103	0	51	51	0	0	0	154
04:15 PM	131	0	131	0	51	51	0	0	0	182
04:30 PM	113	0	113	0	69	69	0	0	0	182
04:45 PM	133	0	133	0	64	64	0	0	0	197
Total	480	0	480	0	235	235	0	0	0	715
05:00 PM	117	0	117	0	63	63	0	0	0	180
05:15 PM	132	0	132	0	104	104	0	0	0	236
05:30 PM	161	0	161	0	73	73	0	0	0	234
05:45 PM	155	0	155	0	40	40	0	0	0	195
Total	565	0	565	0	280	280	0	0	0	845
06:00 PM	135	0	135	0	58	58	0	0	0	193
06:15 PM	153	0	153	0	99	99	0	0	0	252
Grand Total	1333	0	1333	0	672	672	0	0	0	2005
Apprch %	100	0		0	100		0	0		
Total %	66.5	0	66.5	0	33.5	33.5	0	0	0	

	Ridge Valley Southbound			Marine Way Westbound			Marine Way Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:30 PM										
05:30 PM	**161**	0	**161**	0	73	73	0	0	0	234
05:45 PM	155	0	155	0	40	40	0	0	0	195
06:00 PM	135	0	135	0	58	58	0	0	0	193
06:15 PM	153	0	153	0	**99**	**99**	0	0	0	**252**
Total Volume	604	0	604	0	270	270	0	0	0	874
% App. Total	100	0		0	100		0	0		
PHF	.938	.000	.938	.000	.682	.682	.000	.000	.000	.867

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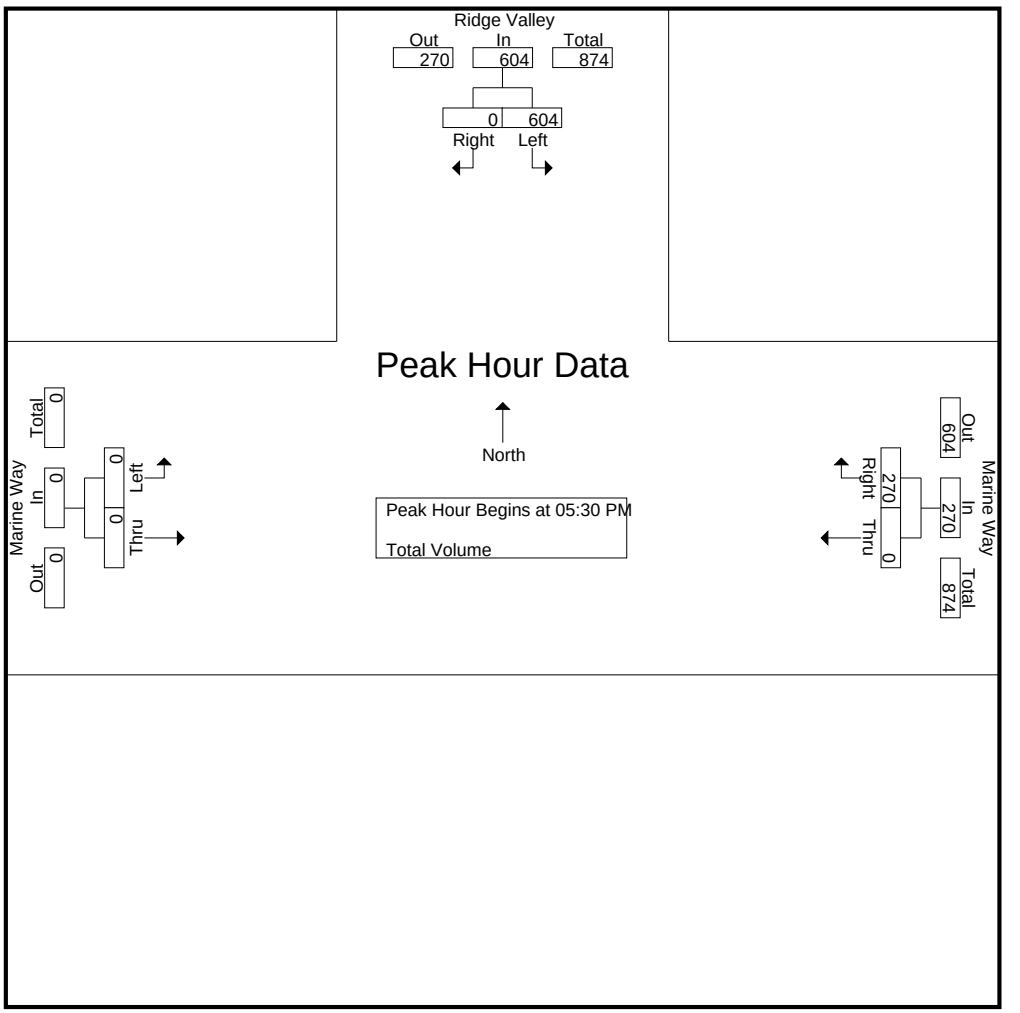
City of Irvine
N/S: Ridge Valley
E/W: Marine Way
Weather: Clear

File Name : 560_IRV_RV_Mar W Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:30 PM			04:45 PM			04:00 PM		
+0 mins.	**161**	0	**161**	0	64	64	0	0	0
+15 mins.	155	0	155	0	63	63	0	0	0
+30 mins.	135	0	135	0	**104**	**104**	0	0	0
+45 mins.	153	0	153	0	73	73	0	0	0
Total Volume	604	0	604	0	304	304	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.938	.000	.938	.000	.731	.731	.000	.000	.000

Location: Irvine
N/S: Ridge Valley
E/W: Marine Way

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Marine Way	South Leg Ridge Valley	West Leg Marine Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	1	0	0	0	1
7:45 AM	4	0	0	1	5
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	1	0	0	1	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	7	0	0	2	9

	North Leg Ridge Valley	East Leg Marine Way	South Leg Ridge Valley	West Leg Marine Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	1	1
4:30 PM	1	0	0	1	2
4:45 PM	2	0	0	0	2
5:00 PM	1	0	0	0	1
5:15 PM	2	0	0	0	2
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	7	0	0	2	9

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Location: Irvine
N/S: Ridge Valley
E/W: Marine Way

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Ridge Valley			Westbound Marine Way			Northbound Ridge Valley			Eastbound Marine Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	3	0	0	0	0	0	0	0	0	0	3

	Southbound Ridge Valley			Westbound Marine Way			Northbound Ridge Valley			Eastbound Marine Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	2	0	0	2
4:45 PM	0	0	1	0	1	0	0	0	0	1	0	0	3
5:00 PM	0	0	2	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	3	0	2	0	0	0	0	4	2	0	11

Location: Irvine
N/S: Ridge Valley
E/W: Marine Way

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Ridge Valley	East Leg Marine Way	South Leg Ridge Valley	West Leg Marine Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	2	0	0	3
7:45 AM	0	0	0	0	0
8:00 AM	0	1	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	2	0	0	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	5	0	0	6

	North Leg Ridge Valley	East Leg Marine Way	South Leg Ridge Valley	West Leg Marine Way	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	1	0	0	2
4:15 PM	2	2	0	0	4
4:30 PM	2	2	0	0	4
4:45 PM	1	0	0	0	1
5:00 PM	2	2	0	0	4
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	1	0	0	0	1
TOTAL VOLUMES:	9	7	0	0	16

Location: Irvine
N/S: Ridge Valley
E/W: Marine Way

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Ridge Valley			Westbound Marine Way			Northbound Ridge Valley			Eastbound Marine Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	2	0	0	0	0	0	0	3

	Southbound Ridge Valley			Westbound Marine Way			Northbound Ridge Valley			Eastbound Marine Way			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	4	0	0	0	4
4:15 PM	0	0	0	0	0	2	0	0	1	0	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	2	0	0	0	2
4:45 PM	2	0	0	0	0	0	0	1	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	10	0	0	0	0	0	0	10
TOTAL VOLUMES:	3	1	0	0	0	12	0	1	7	0	0	0	24

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City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	5	135	140	9	5	14	158	5	163	317
07:15 AM	5	256	261	17	11	28	177	11	188	477
07:30 AM	11	283	294	36	13	49	233	12	245	588
07:45 AM	9	320	329	33	12	45	289	15	304	678
Total	30	994	1024	95	41	136	857	43	900	2060
08:00 AM	25	302	327	31	16	47	299	27	326	700
08:15 AM	18	285	303	36	26	62	369	30	399	764
08:30 AM	12	334	346	27	23	50	305	19	324	720
08:45 AM	9	265	274	25	13	38	229	15	244	556
Total	64	1186	1250	119	78	197	1202	91	1293	2740
Grand Total	94	2180	2274	214	119	333	2059	134	2193	4800
Apprch %	4.1	95.9		64.3	35.7		93.9	6.1		
Total %	2	45.4	47.4	4.5	2.5	6.9	42.9	2.8	45.7	

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	9	320	329	33	12	45	289	15	304	678
08:00 AM	**25**	302	327	31	16	47	299	27	326	700
08:15 AM	18	285	303	**36**	**26**	**62**	**369**	**30**	**399**	**764**
08:30 AM	12	**334**	**346**	27	23	50	305	19	324	720
Total Volume	64	1241	1305	127	77	204	1262	91	1353	2862
% App. Total	4.9	95.1		62.3	37.7		93.3	6.7		
PHF	.640	.929	.943	.882	.740	.823	.855	.758	.848	.937

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City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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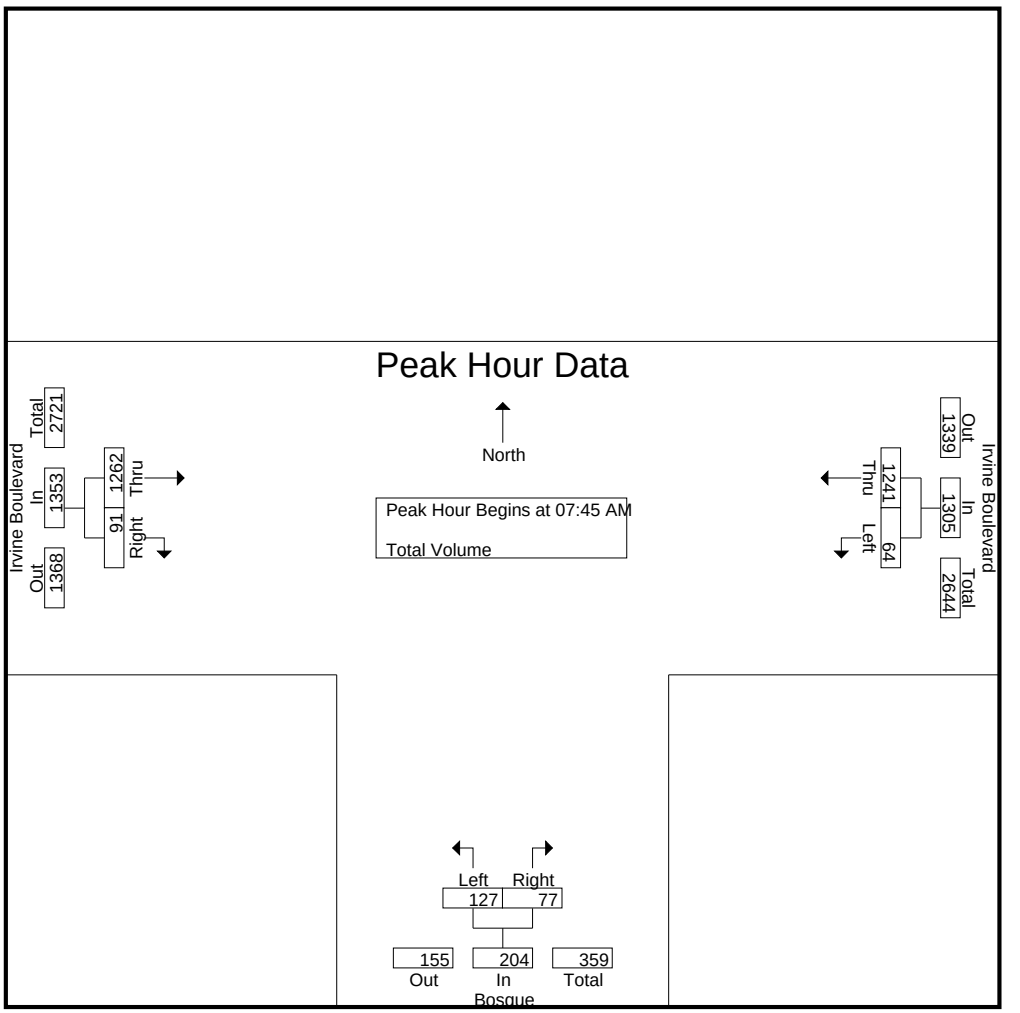

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:45 AM		
+0 mins.	9	320	329	33	12	45	289	15	304
+15 mins.	**25**	302	327	31	16	47	299	27	326
+30 mins.	18	285	303	**36**	**26**	**62**	**369**	**30**	**399**
+45 mins.	12	**334**	**346**	27	23	50	305	19	324
Total Volume	64	1241	1305	127	77	204	1262	91	1353
% App. Total	4.9	95.1		62.3	37.7		93.3	6.7	
PHF	.640	.929	.943	.882	.740	.823	.855	.758	.848

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City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	12	347	359	25	19	44	205	25	230	633
04:15 PM	28	338	366	17	23	40	224	37	261	667
04:30 PM	16	318	334	16	8	24	262	37	299	657
04:45 PM	14	297	311	18	11	29	272	27	299	639
Total	70	1300	1370	76	61	137	963	126	1089	2596
05:00 PM	15	324	339	26	46	72	324	32	356	767
05:15 PM	19	407	426	23	33	56	254	29	283	765
05:30 PM	19	284	303	17	22	39	278	42	320	662
05:45 PM	23	294	317	15	29	44	259	39	298	659
Total	76	1309	1385	81	130	211	1115	142	1257	2853
06:00 PM	14	242	256	21	21	42	282	30	312	610
06:15 PM	15	227	242	15	30	45	260	24	284	571
Grand Total	175	3078	3253	193	242	435	2620	322	2942	6630
Apprch %	5.4	94.6		44.4	55.6		89.1	10.9		
Total %	2.6	46.4	49.1	2.9	3.7	6.6	39.5	4.9	44.4	

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	15	324	339	**26**	**46**	**72**	**324**	32	**356**	**767**
05:15 PM	19	**407**	**426**	23	33	56	254	29	283	765
05:30 PM	19	284	303	17	22	39	278	**42**	320	662
05:45 PM	**23**	294	317	15	29	44	259	39	298	659
Total Volume	76	1309	1385	81	130	211	1115	142	1257	2853
% App. Total	5.5	94.5		38.4	61.6		88.7	11.3		
PHF	.826	.804	.813	.779	.707	.733	.860	.845	.883	.930

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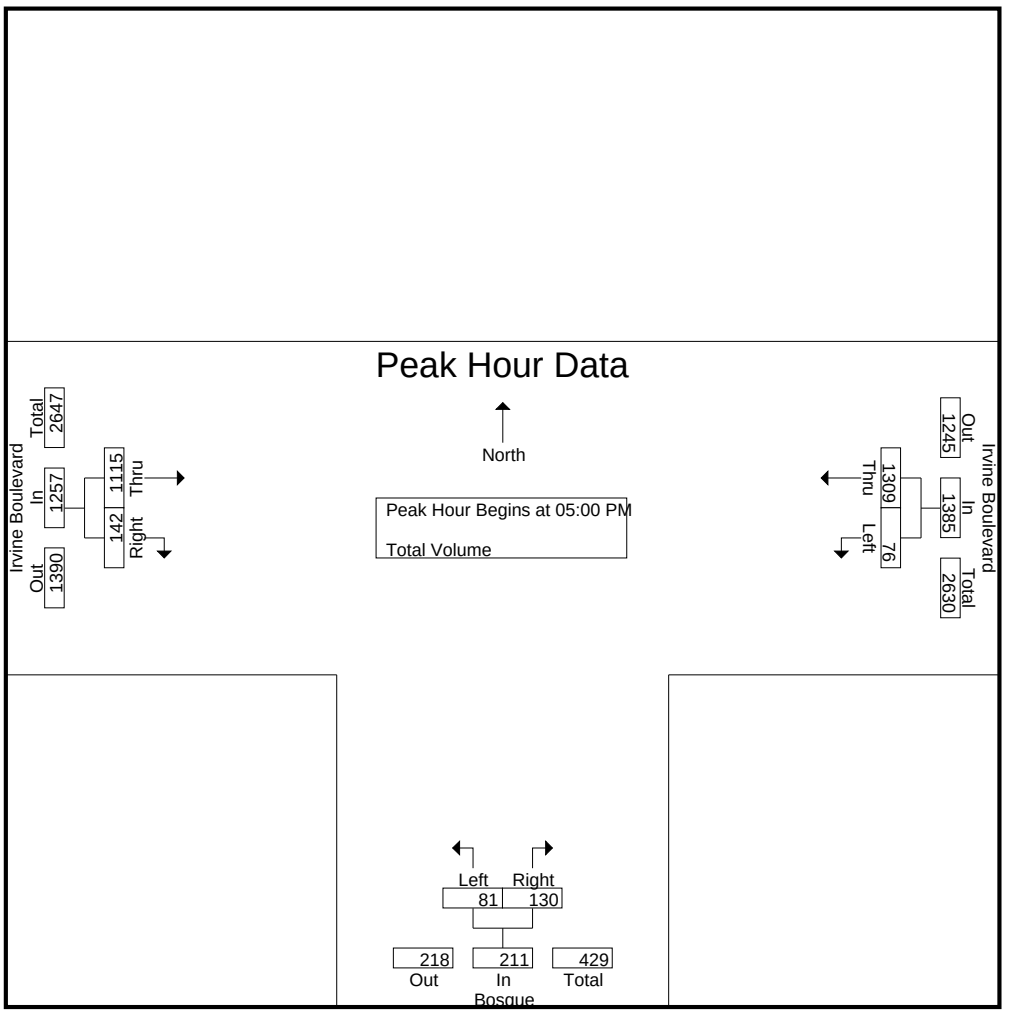
City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Tue PM
Site Code : 19224028
Start Date : 1/23/2024



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			05:00 PM			04:45 PM		
+0 mins.	16	318	334	**26**	**46**	**72**	272	27	299
+15 mins.	14	297	311	23	33	56	**324**	32	**356**
+30 mins.	15	324	339	17	22	39	254	29	283
+45 mins.	**19**	**407**	**426**	15	29	44	278	**42**	320
Total Volume	64	1346	1410	81	130	211	1128	130	1258
% App. Total	4.5	95.5		38.4	61.6		89.7	10.3	
PHF	.842	.827	.827	.779	.707	.733	.870	.774	.883

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City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	6	143	149	12	5	17	157	5	162	328
07:15 AM	10	213	223	17	11	28	176	9	185	436
07:30 AM	12	273	285	38	5	43	237	15	252	580
07:45 AM	10	314	324	36	14	50	323	16	339	713
Total	38	943	981	103	35	138	893	45	938	2057
08:00 AM	19	310	329	23	24	47	408	24	432	808
08:15 AM	21	323	344	29	32	61	309	23	332	737
08:30 AM	35	370	405	26	15	41	273	17	290	736
08:45 AM	7	227	234	15	25	40	259	12	271	545
Total	82	1230	1312	93	96	189	1249	76	1325	2826
Grand Total	120	2173	2293	196	131	327	2142	121	2263	4883
Apprch %	5.2	94.8		59.9	40.1		94.7	5.3		
Total %	2.5	44.5	47	4	2.7	6.7	43.9	2.5	46.3	

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	10	314	324	**36**	14	50	323	16	339	713
08:00 AM	19	310	329	23	24	47	**408**	**24**	**432**	**808**
08:15 AM	21	323	344	29	**32**	**61**	309	23	332	737
08:30 AM	**35**	**370**	**405**	26	15	41	273	17	290	736
Total Volume	85	1317	1402	114	85	199	1313	80	1393	2994
% App. Total	6.1	93.9		57.3	42.7		94.3	5.7		
PHF	.607	.890	.865	.792	.664	.816	.805	.833	.806	.926

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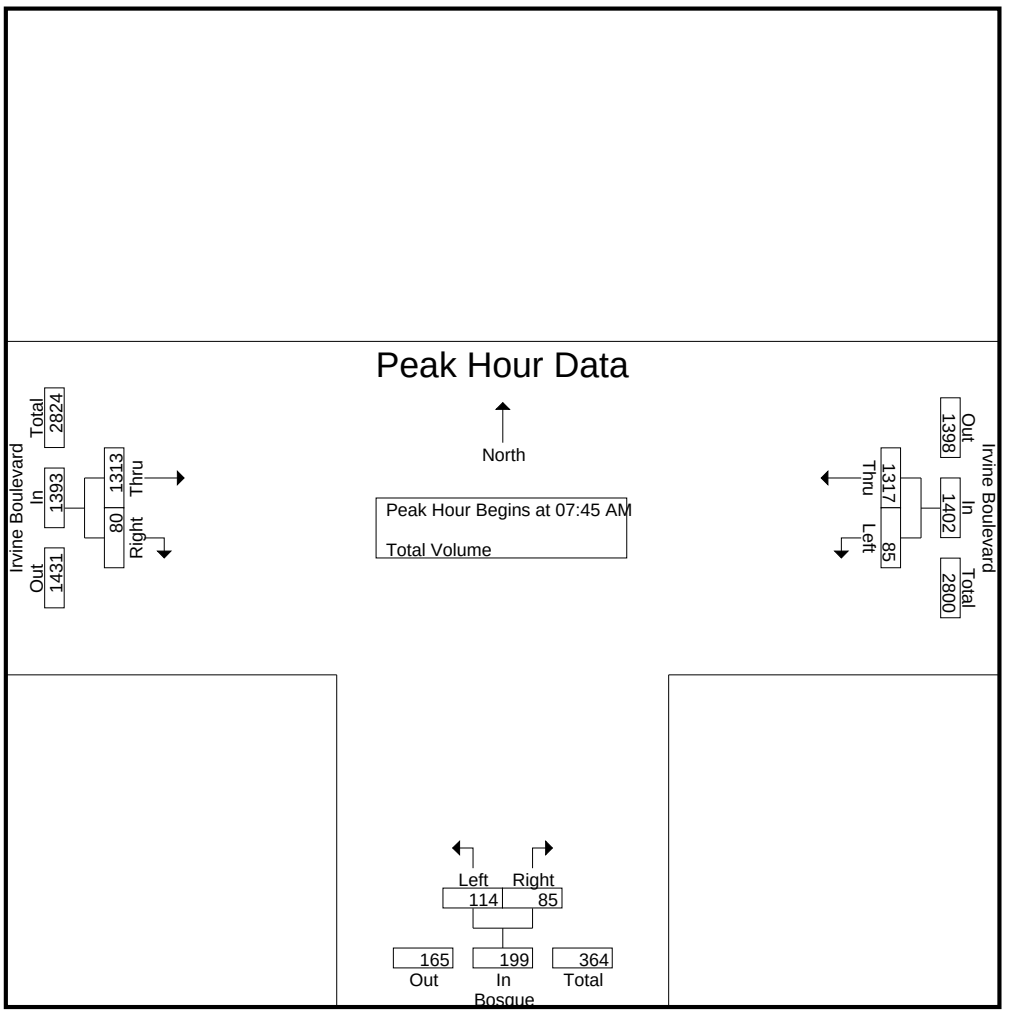
City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:30 AM			07:45 AM		
+0 mins.	10	314	324	**38**	5	43	323	16	339
+15 mins.	19	310	329	36	14	50	**408**	**24**	**432**
+30 mins.	21	323	344	23	24	47	309	23	332
+45 mins.	**35**	**370**	**405**	29	**32**	**61**	273	17	290
Total Volume	85	1317	1402	126	75	201	1313	80	1393
% App. Total	6.1	93.9		62.7	37.3		94.3	5.7	
PHF	.607	.890	.865	.829	.586	.824	.805	.833	.806

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City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	17	381	398	14	26	40	226	27	253	691
04:15 PM	20	331	351	15	22	37	240	46	286	674
04:30 PM	18	317	335	28	19	47	239	26	265	647
04:45 PM	25	367	392	7	20	27	288	40	328	747
Total	80	1396	1476	64	87	151	993	139	1132	2759
05:00 PM	23	354	377	30	26	56	285	28	313	746
05:15 PM	18	355	373	24	24	48	335	28	363	784
05:30 PM	16	336	352	17	28	45	261	33	294	691
05:45 PM	18	270	288	16	18	34	277	51	328	650
Total	75	1315	1390	87	96	183	1158	140	1298	2871
06:00 PM	16	251	267	20	27	47	276	29	305	619
06:15 PM	16	235	251	18	22	40	251	30	281	572
Grand Total	187	3197	3384	189	232	421	2678	338	3016	6821
Apprch %	5.5	94.5		44.9	55.1		88.8	11.2		
Total %	2.7	46.9	49.6	2.8	3.4	6.2	39.3	5	44.2	

	Irvine Boulevard Westbound			Bosque Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	**25**	**367**	**392**	7	20	27	288	**40**	328	747
05:00 PM	23	354	377	**30**	26	**56**	285	28	313	746
05:15 PM	18	355	373	24	24	48	**335**	28	**363**	**784**
05:30 PM	16	336	352	17	**28**	45	261	33	294	691
Total Volume	82	1412	1494	78	98	176	1169	129	1298	2968
% App. Total	5.5	94.5		44.3	55.7		90.1	9.9		
PHF	.820	.962	.953	.650	.875	.786	.872	.806	.894	.946

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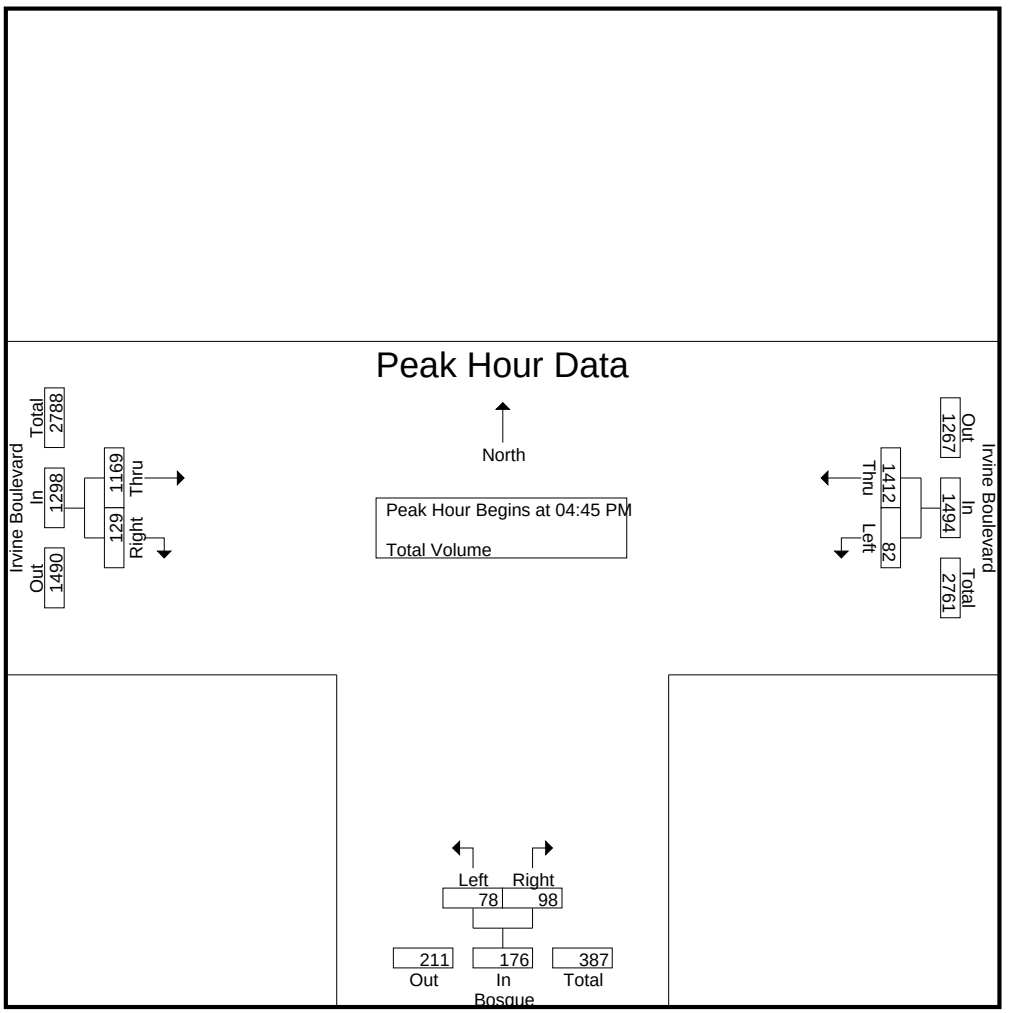
City of Irvine
N/S: Bosque
E/W: Irvine Boulevard
Weather: Clear

File Name : 561_IRV_Bosque_Irv B Thu PM
Site Code : 19224028
Start Date : 1/25/2024



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			05:00 PM			04:45 PM		
+0 mins.	**25**	**367**	**392**	**30**	26	**56**	288	**40**	328
+15 mins.	23	354	377	24	24	48	285	28	313
+30 mins.	18	355	373	17	**28**	45	**335**	28	**363**
+45 mins.	16	336	352	16	18	34	261	33	294
Total Volume	82	1412	1494	87	96	183	1169	129	1298
% App. Total	5.5	94.5		47.5	52.5		90.1	9.9	
PHF	.820	.962	.953	.725	.857	.817	.872	.806	.894

Location: Irvine
N/S: Bosque
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Bosque Pedestrians	East Leg Irvine Boulevard Pedestrians	South Leg Bosque Pedestrians	West Leg Irvine Boulevard Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	0	1	0	1
7:30 AM	0	0	2	0	2
7:45 AM	0	0	5	0	5
8:00 AM	0	0	11	0	11
8:15 AM	0	0	20	0	20
8:30 AM	0	0	19	0	19
8:45 AM	0	1	2	0	3
TOTAL VOLUMES:	0	1	61	0	62

	North Leg Bosque Pedestrians	East Leg Irvine Boulevard Pedestrians	South Leg Bosque Pedestrians	West Leg Irvine Boulevard Pedestrians	
4:00 PM	0	1	5	0	6
4:15 PM	0	1	3	0	4
4:30 PM	0	0	2	0	2
4:45 PM	0	0	5	0	5
5:00 PM	0	0	5	0	5
5:15 PM	0	0	8	0	8
5:30 PM	0	0	2	0	2
5:45 PM	0	0	1	0	1
6:00 PM	0	0	4	0	4
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	2	35	0	37

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Location: Irvine
N/S: Bosque
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Bosque			Westbound Irvine Boulevard			Northbound Bosque			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	4	0	1	0	0	0	5	0	10

	Southbound Bosque			Westbound Irvine Boulevard			Northbound Bosque			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	2	0	1	0	0	0	0	0	3
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	3	0	3
TOTAL VOLUMES:	0	0	0	0	7	0	1	0	0	0	5	0	13

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Location: Irvine
N/S: Bosque
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Bosque	East Leg Irvine Boulevard	South Leg Bosque	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	0	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	3	0	3
8:00 AM	0	0	15	0	15
8:15 AM	0	0	24	0	24
8:30 AM	0	0	1	0	1
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	0	0	48	0	48

	North Leg Bosque	East Leg Irvine Boulevard	South Leg Bosque	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	7	0	7
4:15 PM	0	0	2	0	2
4:30 PM	0	0	6	0	6
4:45 PM	0	0	5	0	5
5:00 PM	0	2	0	0	2
5:15 PM	0	0	2	0	2
5:30 PM	0	0	2	0	2
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	1	0	1
TOTAL VOLUMES:	0	2	25	0	27

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Location: Irvine
N/S: Bosque
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Bosque			Westbound Irvine Boulevard			Northbound Bosque			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	4	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	10	0	11

	Southbound Bosque			Westbound Irvine Boulevard			Northbound Bosque			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	3	0	0	0	1	0	0	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	3	0	0	0	0	0	0	0	3
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	1	0	0	1	0	0	0	1	0	3
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	10	0	1	0	1	0	3	0	16

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City of Irvine
N/S: Skyhawk
E/W: Marine Way
Weather: Clear

File Name : 562_IRV_Skyh_Mar_AM
Site Code : 05124139
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Skyhawk Southbound				Marine Way Westbound				Skyhawk Northbound				Marine Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	1	10	11	0	0	0	0	26	1	0	27	16	0	11	27	65
07:15 AM	1	1	4	6	0	0	0	0	15	7	0	22	14	0	12	26	54
07:30 AM	0	1	7	8	0	0	1	1	9	2	0	11	20	0	10	30	50
07:45 AM	0	4	11	15	0	0	0	0	13	1	0	14	17	0	19	36	65
Total	1	7	32	40	0	0	1	1	63	11	0	74	67	0	52	119	234
08:00 AM	1	3	8	12	1	0	0	1	8	0	0	8	79	0	9	88	109
08:15 AM	0	6	6	12	0	0	0	0	6	1	0	7	61	1	17	79	98
08:30 AM	0	4	5	9	0	0	0	0	5	2	0	7	68	0	10	78	94
08:45 AM	0	1	9	10	0	0	0	0	6	0	0	6	75	1	4	80	96
Total	1	14	28	43	1	0	0	1	25	3	0	28	283	2	40	325	397
Grand Total	2	21	60	83	1	0	1	2	88	14	0	102	350	2	92	444	631
Apprch %	2.4	25.3	72.3		50	0	50		86.3	13.7	0		78.8	0.5	20.7		
Total %	0.3	3.3	9.5	13.2	0.2	0	0.2	0.3	13.9	2.2	0	16.2	55.5	0.3	14.6	70.4	

	Skyhawk Southbound				Marine Way Westbound				Skyhawk Northbound				Marine Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	1	3	8	12	1	0	0	1	8	0	0	8	79	0	9	88	109
08:15 AM	0	6	6	12	0	0	0	0	6	1	0	7	61	1	17	79	98
08:30 AM	0	4	5	9	0	0	0	0	5	2	0	7	68	0	10	78	94
08:45 AM	0	1	9	10	0	0	0	0	6	0	0	6	75	1	4	80	96
Total Volume	1	14	28	43	1	0	0	1	25	3	0	28	283	2	40	325	397
% App. Total	2.3	32.6	65.1		100	0	0		89.3	10.7	0		87.1	0.6	12.3		
PHF	.250	.583	.778	.896	.250	.000	.000	.250	.781	.375	.000	.875	.896	.500	.588	.923	.911

Counts Unlimited, Inc.
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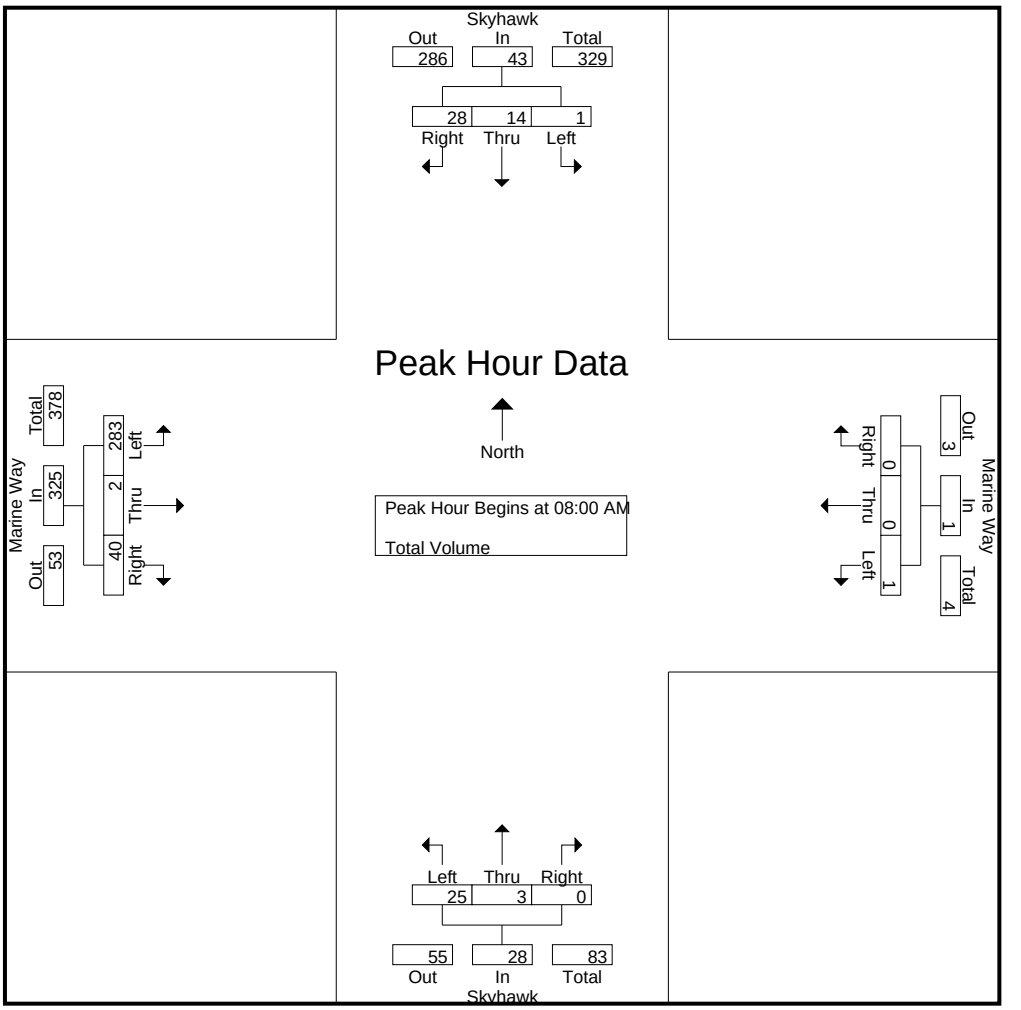
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: Skyhawk
E/W: Marine Way
Weather: Clear

File Name : 562_IRV_Skyh_Mar_AM
Site Code : 05124139
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:15 AM				07:00 AM				08:00 AM			
+0 mins.	0	4	11	15	0	0	0	0	26	1	0	27	79	0	9	88
+15 mins.	1	3	8	12	0	0	1	1	15	7	0	22	61	1	17	79
+30 mins.	0	6	6	12	0	0	0	0	9	2	0	11	68	0	10	78
+45 mins.	0	4	5	9	1	0	0	1	13	1	0	14	75	1	4	80
Total Volume	1	17	30	48	1	0	1	2	63	11	0	74	283	2	40	325
% App. Total	2.1	35.4	62.5		50	0	50		85.1	14.9	0		87.1	0.6	12.3	
PHF	.250	.708	.682	.800	.250	.000	.250	.500	.606	.393	.000	.685	.896	.500	.588	.923

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City of Irvine
N/S: Skyhawk
E/W: Marine Way
Weather: Clear

File Name : 562_IRV_Skyh_Mar_PM
Site Code : 05124139
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Skyhawk Southbound				Marine Way Westbound				Skyhawk Northbound				Marine Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	18	18	0	0	0	0	9	0	0	9	49	0	0	49	76
04:15 PM	0	0	29	29	0	0	0	0	18	3	0	21	194	0	2	196	246
04:30 PM	0	1	30	31	0	0	0	0	14	1	0	15	92	0	1	93	139
04:45 PM	0	1	15	16	0	0	0	0	5	0	0	5	58	0	1	59	80
Total	0	2	92	94	0	0	0	0	46	4	0	50	393	0	4	397	541
05:00 PM	0	0	20	20	0	0	0	0	8	1	0	9	41	0	0	41	70
05:15 PM	0	0	20	20	0	0	0	0	4	1	0	5	58	0	0	58	83
05:30 PM	0	0	18	18	0	0	0	0	2	0	0	2	95	0	0	95	115
05:45 PM	0	0	25	25	0	0	0	0	0	0	0	0	203	0	0	203	228
Total	0	0	83	83	0	0	0	0	14	2	0	16	397	0	0	397	496
Grand Total	0	2	175	177	0	0	0	0	60	6	0	66	790	0	4	794	1037
Apprch %	0	1.1	98.9		0	0	0		90.9	9.1	0		99.5	0	0.5		
Total %	0	0.2	16.9	17.1	0	0	0	0	5.8	0.6	0	6.4	76.2	0	0.4	76.6	

	Skyhawk Southbound				Marine Way Westbound				Skyhawk Northbound				Marine Way Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	18	18	0	0	0	0	9	0	0	9	49	0	0	49	76
04:15 PM	0	0	29	29	0	0	0	0	18	3	0	21	194	0	2	196	246
04:30 PM	0	1	30	31	0	0	0	0	14	1	0	15	92	0	1	93	139
04:45 PM	0	1	15	16	0	0	0	0	5	0	0	5	58	0	1	59	80
Total Volume	0	2	92	94	0	0	0	0	46	4	0	50	393	0	4	397	541
% App. Total	0	2.1	97.9		0	0	0		92	8	0		99	0	1		
PHF	.000	.500	.767	.758	.000	.000	.000	.000	.639	.333	.000	.595	.506	.000	.500	.506	.550

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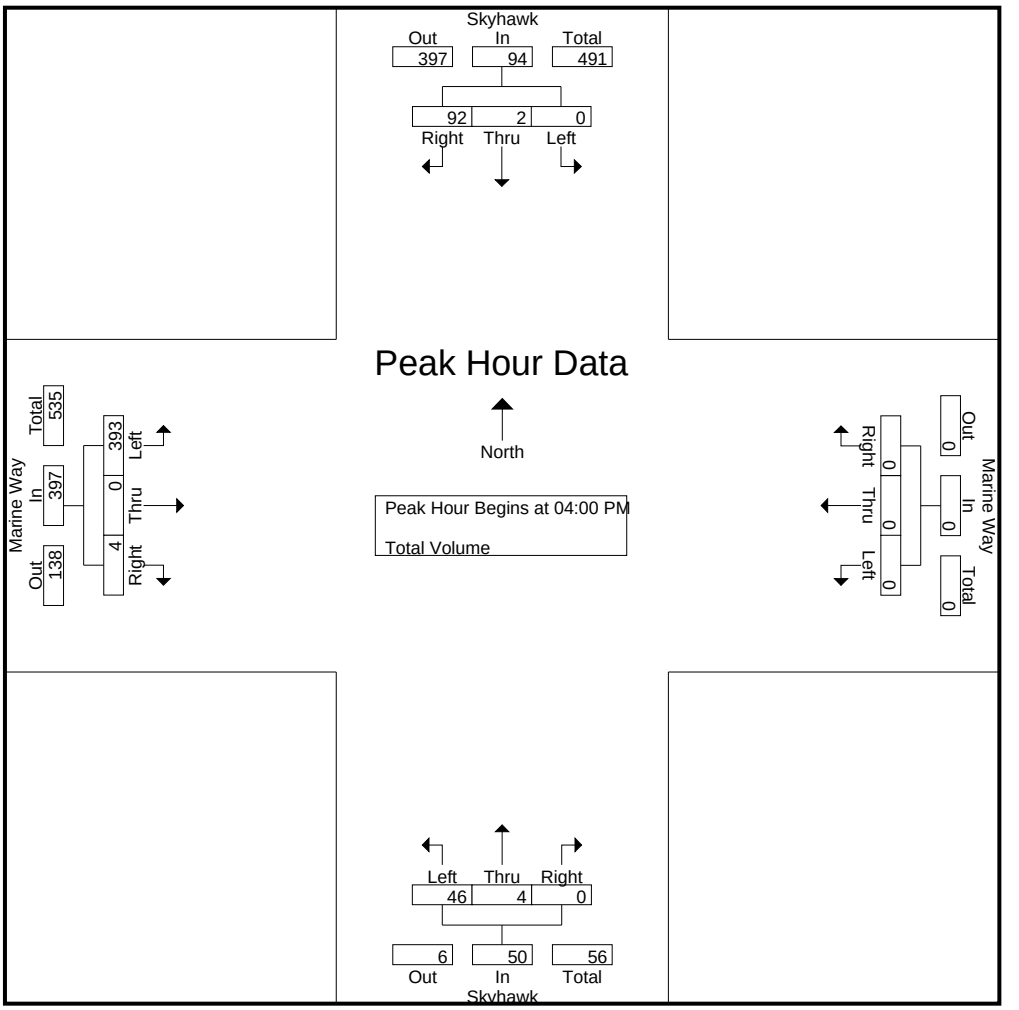

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	29	29	0	0	0	0	9	0	0	9	49	0	0	49
+15 mins.	0	1	30	31	0	0	0	0	18	3	0	21	194	0	2	196
+30 mins.	0	1	15	16	0	0	0	0	14	1	0	15	92	0	1	93
+45 mins.	0	0	20	20	0	0	0	0	5	0	0	5	58	0	1	59
Total Volume	0	2	94	96	0	0	0	0	46	4	0	50	393	0	4	397
% App. Total	0	2.1	97.9		0	0	0		92	8	0		99	0	1	
PHF	.000	.500	.783	.774	.000	.000	.000	.000	.639	.333	.000	.595	.506	.000	.500	.506

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City of Irvine
N/S: Chinon
E/W: Irvine Boulevard
Weather: Clear

File Name : 563_IRV_Chin_Irv B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	2	95	97	5	3	8	144	6	150	255
07:15 AM	9	155	164	0	8	8	218	9	227	399
07:30 AM	5	173	178	12	11	23	241	20	261	462
07:45 AM	7	179	186	14	12	26	350	30	380	592
Total	23	602	625	31	34	65	953	65	1018	1708
08:00 AM	6	194	200	57	16	73	332	74	406	679
08:15 AM	9	135	144	99	31	130	384	105	489	763
08:30 AM	3	210	213	120	21	141	417	72	489	843
08:45 AM	5	159	164	49	18	67	295	14	309	540
Total	23	698	721	325	86	411	1428	265	1693	2825
Grand Total	46	1300	1346	356	120	476	2381	330	2711	4533
Apprch %	3.4	96.6		74.8	25.2		87.8	12.2		
Total %	1	28.7	29.7	7.9	2.6	10.5	52.5	7.3	59.8	

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	7	179	186	14	12	26	350	30	380	592
08:00 AM	6	194	200	57	16	73	332	74	406	679
08:15 AM	**9**	135	144	99	**31**	130	384	**105**	**489**	763
08:30 AM	3	**210**	**213**	**120**	21	**141**	**417**	72	489	**843**
Total Volume	25	718	743	290	80	370	1483	281	1764	2877
% App. Total	3.4	96.6		78.4	21.6		84.1	15.9		
PHF	.694	.855	.872	.604	.645	.656	.889	.669	.902	.853

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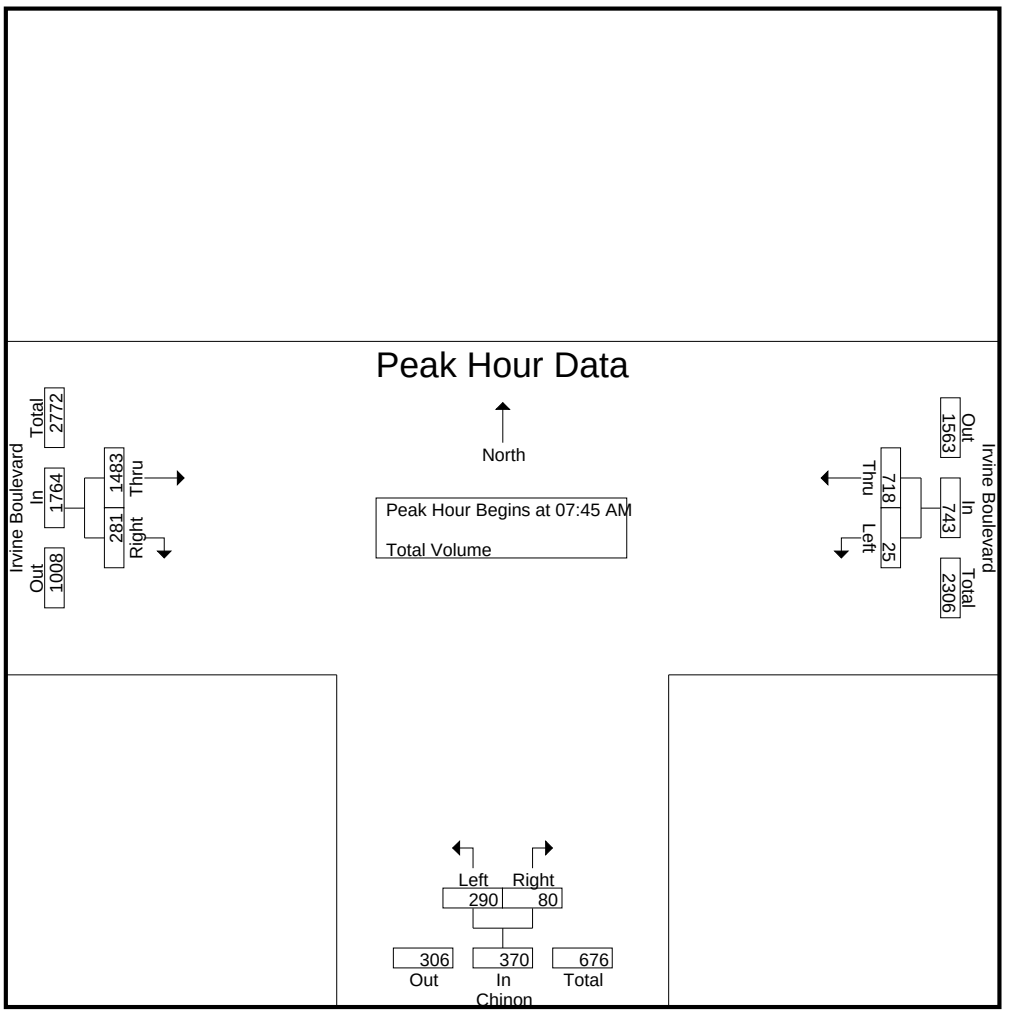
City of Irvine
N/S: Chinon
E/W: Irvine Boulevard
Weather: Clear

File Name : 563_IRV_Chin_Irv B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			07:45 AM		
+0 mins.	7	179	186	57	16	73	350	30	380
+15 mins.	6	194	200	99	**31**	130	332	74	406
+30 mins.	**9**	135	144	**120**	21	**141**	384	**105**	**489**
+45 mins.	3	**210**	**213**	49	18	67	**417**	72	489
Total Volume	25	718	743	325	86	411	1483	281	1764
% App. Total	3.4	96.6		79.1	20.9		84.1	15.9	
PHF	.694	.855	.872	.677	.694	.729	.889	.669	.902

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City of Irvine
N/S: Chinon
E/W: Irvine Boulevard
Weather: Clear

File Name : 563_IRV_Chin_Irv B Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	24	363	387	48	24	72	196	9	205	664
04:15 PM	20	295	315	18	12	30	195	15	210	555
04:30 PM	12	380	392	15	19	34	246	4	250	676
04:45 PM	18	346	364	23	19	42	223	10	233	639
Total	74	1384	1458	104	74	178	860	38	898	2534
05:00 PM	17	375	392	8	17	25	226	12	238	655
05:15 PM	23	430	453	12	19	31	234	11	245	729
05:30 PM	21	357	378	21	14	35	234	9	243	656
05:45 PM	29	342	371	16	11	27	218	12	230	628
Total	90	1504	1594	57	61	118	912	44	956	2668
06:00 PM	18	291	309	13	22	35	194	13	207	551
06:15 PM	17	256	273	9	27	36	210	27	237	546
Grand Total	199	3435	3634	183	184	367	2176	122	2298	6299
Apprch %	5.5	94.5		49.9	50.1		94.7	5.3		
Total %	3.2	54.5	57.7	2.9	2.9	5.8	34.5	1.9	36.5	

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	12	380	392	15	**19**	34	**246**	4	**250**	676
04:45 PM	18	346	364	**23**	19	**42**	223	10	233	639
05:00 PM	17	375	392	8	17	25	226	**12**	238	655
05:15 PM	**23**	**430**	**453**	12	19	31	234	11	245	**729**
Total Volume	70	1531	1601	58	74	132	929	37	966	2699
% App. Total	4.4	95.6		43.9	56.1		96.2	3.8		
PHF	.761	.890	.884	.630	.974	.786	.944	.771	.966	.926

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City of Irvine
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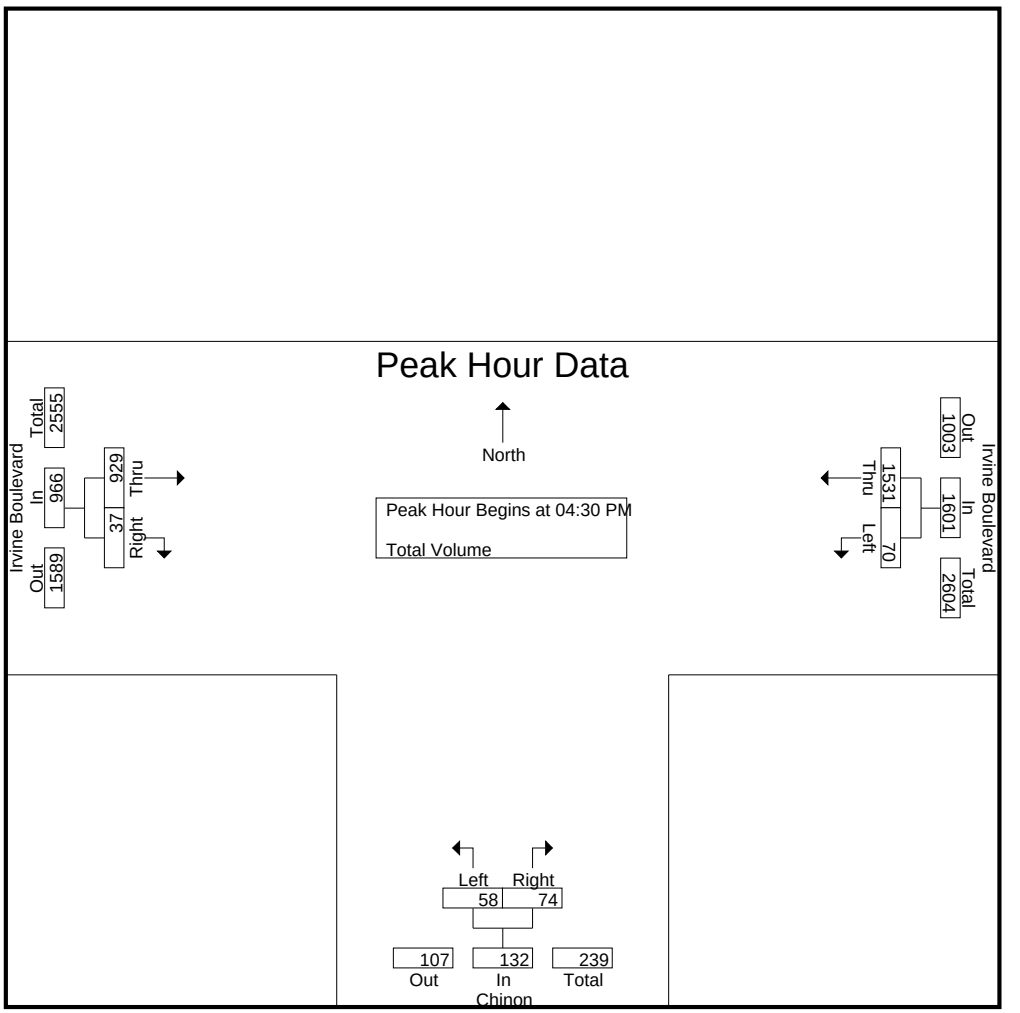
E/W: Irvine Boulevard
Weather: Clear

File Name : 563_IRV_Chin_Irv B Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:30 PM		
+0 mins.	12	380	392	**48**	**24**	**72**	**246**	4	**250**
+15 mins.	18	346	364	18	12	30	223	10	233
+30 mins.	17	375	392	15	19	34	226	**12**	238
+45 mins.	**23**	**430**	**453**	23	19	42	234	11	245
Total Volume	70	1531	1601	104	74	178	929	37	966
% App. Total	4.4	95.6		58.4	41.6		96.2	3.8	
PHF	.761	.890	.884	.542	.771	.618	.944	.771	.966

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City of Irvine
N/S: Chinon
E/W: Irvine Boulevard
Weather: Clear

File Name : 563_IRV_Chin_Irv B Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	3	108	111	6	8	14	152	10	162	287
07:15 AM	2	144	146	5	5	10	185	8	193	349
07:30 AM	3	175	178	5	12	17	249	17	266	461
07:45 AM	7	195	202	23	11	34	365	47	412	648
Total	15	622	637	39	36	75	951	82	1033	1745
08:00 AM	10	209	219	94	21	115	371	102	473	807
08:15 AM	6	191	197	98	13	111	439	99	538	846
08:30 AM	6	181	187	128	22	150	357	33	390	727
08:45 AM	9	142	151	12	17	29	293	7	300	480
Total	31	723	754	332	73	405	1460	241	1701	2860
Grand Total	46	1345	1391	371	109	480	2411	323	2734	4605
Apprch %	3.3	96.7		77.3	22.7		88.2	11.8		
Total %	1	29.2	30.2	8.1	2.4	10.4	52.4	7	59.4	

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	7	195	202	23	11	34	365	47	412	648
08:00 AM	**10**	**209**	**219**	94	21	115	371	**102**	473	807
08:15 AM	6	191	197	98	13	111	**439**	99	**538**	**846**
08:30 AM	6	181	187	**128**	**22**	**150**	357	33	390	727
Total Volume	29	776	805	343	67	410	1532	281	1813	3028
% App. Total	3.6	96.4		83.7	16.3		84.5	15.5		
PHF	.725	.928	.919	.670	.761	.683	.872	.689	.842	.895

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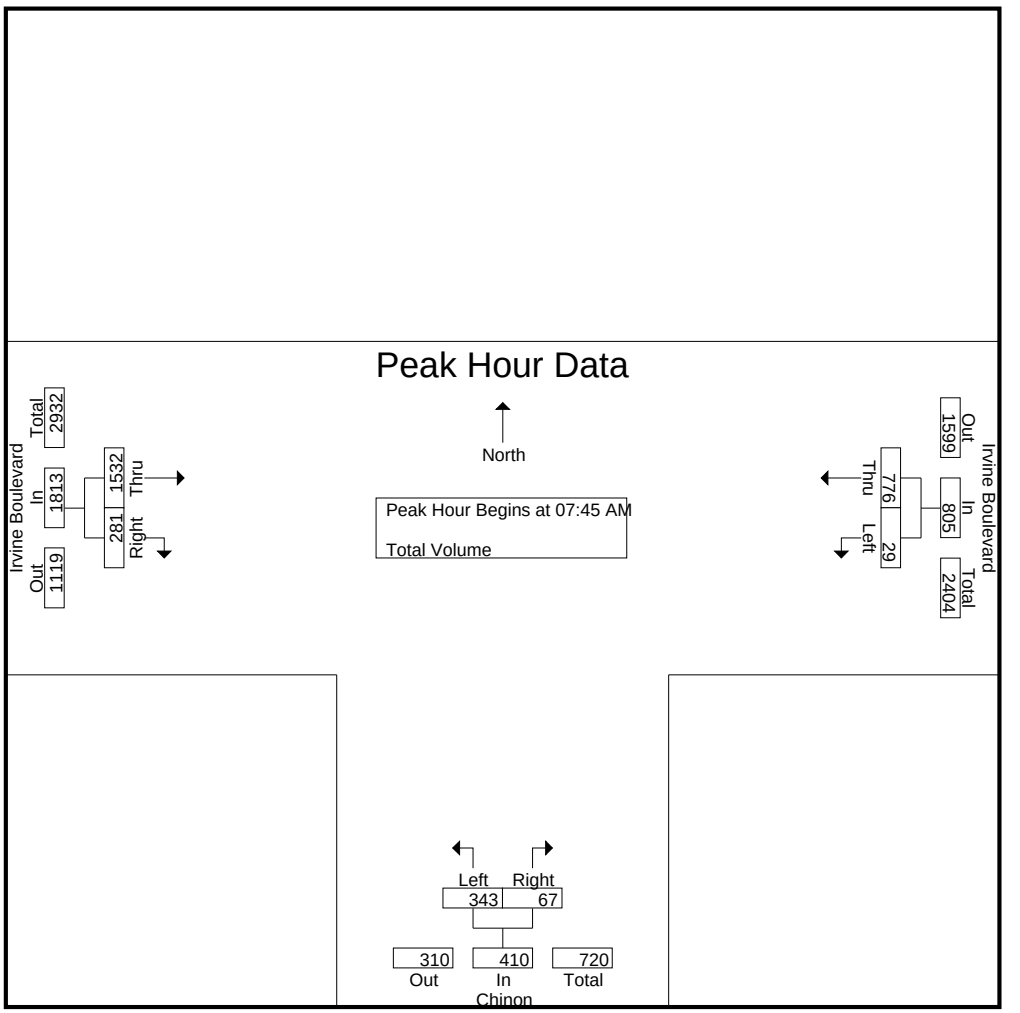

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:45 AM		
+0 mins.	7	195	202	23	11	34	365	47	412
+15 mins.	**10**	**209**	**219**	94	21	115	371	**102**	473
+30 mins.	6	191	197	98	13	111	**439**	99	**538**
+45 mins.	6	181	187	**128**	**22**	**150**	357	33	390
Total Volume	29	776	805	343	67	410	1532	281	1813
% App. Total	3.6	96.4		83.7	16.3		84.5	15.5	
PHF	.725	.928	.919	.670	.761	.683	.872	.689	.842

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E/W: Irvine Boulevard
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File Name : 563_IRV_Chin_Irv B Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	19	358	377	38	18	56	168	18	186	619
04:15 PM	22	337	359	30	15	45	221	20	241	645
04:30 PM	19	363	382	34	47	81	223	8	231	694
04:45 PM	18	353	371	15	18	33	237	15	252	656
Total	78	1411	1489	117	98	215	849	61	910	2614
05:00 PM	16	372	388	10	21	31	245	15	260	679
05:15 PM	29	439	468	17	20	37	266	16	282	787
05:30 PM	17	322	339	31	20	51	248	15	263	653
05:45 PM	23	354	377	21	20	41	196	11	207	625
Total	85	1487	1572	79	81	160	955	57	1012	2744
06:00 PM	26	288	314	16	23	39	195	8	203	556
06:15 PM	19	216	235	4	23	27	187	23	210	472
Grand Total	208	3402	3610	216	225	441	2186	149	2335	6386
Apprch %	5.8	94.2		49	51		93.6	6.4		
Total %	3.3	53.3	56.5	3.4	3.5	6.9	34.2	2.3	36.6	

	Irvine Boulevard Westbound			Chinon Northbound			Irvine Boulevard Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	19	363	382	**34**	**47**	**81**	223	8	231	694
04:45 PM	18	353	371	15	18	33	237	15	252	656
05:00 PM	16	372	388	10	21	31	245	15	260	679
05:15 PM	**29**	**439**	**468**	17	20	37	**266**	**16**	**282**	**787**
Total Volume	82	1527	1609	76	106	182	971	54	1025	2816
% App. Total	5.1	94.9		41.8	58.2		94.7	5.3		
PHF	.707	.870	.860	.559	.564	.562	.913	.844	.909	.895

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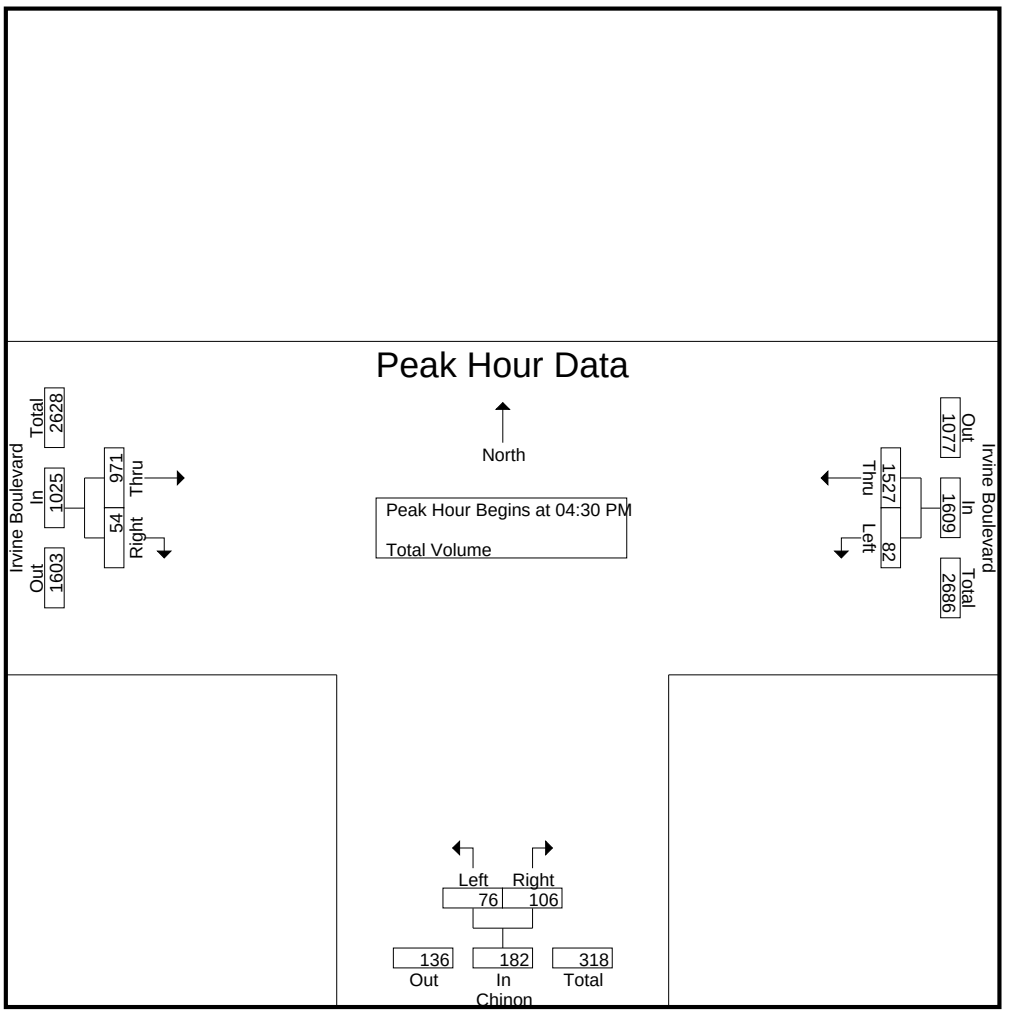

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:45 PM		
+0 mins.	19	363	382	**38**	18	56	237	15	252
+15 mins.	18	353	371	30	15	45	245	15	260
+30 mins.	16	372	388	34	**47**	**81**	**266**	**16**	**282**
+45 mins.	**29**	**439**	**468**	15	18	33	248	15	263
Total Volume	82	1527	1609	117	98	215	996	61	1057
% App. Total	5.1	94.9		54.4	45.6		94.2	5.8	
PHF	.707	.870	.860	.770	.521	.664	.936	.953	.937

Location: Irvine
N/S: Chinon
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Chinon	East Leg Irvine Boulevard	South Leg Chinon	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	1	3
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	9	6	15
8:00 AM	0	0	12	8	20
8:15 AM	0	0	34	11	45
8:30 AM	0	0	94	28	122
8:45 AM	0	0	8	2	10
TOTAL VOLUMES:	0	0	159	56	215

	North Leg Chinon	East Leg Irvine Boulevard	South Leg Chinon	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	15	3	18
4:15 PM	0	0	9	0	9
4:30 PM	0	0	12	2	14
4:45 PM	0	0	12	2	14
5:00 PM	0	0	8	2	10
5:15 PM	0	0	5	3	8
5:30 PM	0	0	9	3	12
5:45 PM	0	0	6	1	7
6:00 PM	0	0	1	0	1
6:15 PM	0	0	1	0	1
TOTAL VOLUMES:	0	0	78	16	94

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951 268-6268

Location: Irvine
N/S: Chinon
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Chinon			Westbound Irvine Boulevard			Northbound Chinon			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
7:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:15 AM	0	0	0	0	1	0	0	0	0	0	1	1	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	3	4
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	3	4
TOTAL VOLUMES:	0	0	0	0	5	0	1	0	0	0	7	7	20

	Southbound Chinon			Westbound Irvine Boulevard			Northbound Chinon			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	4	0	4
4:45 PM	0	0	0	0	1	0	0	0	0	0	3	0	4
5:00 PM	0	0	0	0	4	0	0	0	0	0	0	0	4
5:15 PM	0	0	0	0	3	0	5	0	0	0	0	0	8
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	11	0	5	0	0	0	9	0	25

Location: Irvine
N/S: Chinon
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Chinon	East Leg Irvine Boulevard	South Leg Chinon	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	0	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	1	2
7:45 AM	0	0	7	6	13
8:00 AM	0	0	19	8	27
8:15 AM	0	0	99	29	128
8:30 AM	0	0	17	1	18
8:45 AM	0	0	1	1	2
TOTAL VOLUMES:	0	0	146	46	192

	North Leg Chinon	East Leg Irvine Boulevard	South Leg Chinon	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	17	4	21
4:15 PM	0	0	3	0	3
4:30 PM	0	0	17	1	18
4:45 PM	0	0	6	2	8
5:00 PM	0	0	2	0	2
5:15 PM	0	0	10	2	12
5:30 PM	0	0	2	2	4
5:45 PM	0	0	3	0	3
6:00 PM	0	0	0	0	0
6:15 PM	0	0	1	0	1
TOTAL VOLUMES:	0	0	61	11	72

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951 268-6268

Location: Irvine
N/S: Chinon
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Chinon			Westbound Irvine Boulevard			Northbound Chinon			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	7	0	7
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	6	6
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	3
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	8	9	17

	Southbound Chinon			Westbound Irvine Boulevard			Northbound Chinon			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	1	0	0	0	2	0	3
4:45 PM	0	0	0	0	0	0	2	0	0	0	4	0	6
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	3	0	0	0	10	1	16

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(951) 268-6268

City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	82	0	82	0	0	0	0	1	57	6	64	146
07:15 AM	0	0	0	0	0	154	0	154	0	0	0	0	1	78	5	84	238
07:30 AM	1	1	0	2	1	169	0	170	0	0	1	1	1	87	4	92	265
07:45 AM	3	0	2	5	0	234	0	234	0	0	0	0	0	113	10	123	362
Total	4	1	2	7	1	639	0	640	0	0	1	1	3	335	25	363	1011
08:00 AM	0	0	0	0	0	252	0	252	0	0	0	0	1	124	14	139	391
08:15 AM	0	0	0	0	1	274	0	275	0	0	0	0	0	116	16	132	407
08:30 AM	2	0	1	3	3	271	0	274	0	0	0	0	0	115	23	138	415
08:45 AM	2	0	0	2	1	213	0	214	0	0	0	0	1	102	14	117	333
Total	4	0	1	5	5	1010	0	1015	0	0	0	0	2	457	67	526	1546
Grand Total	8	1	3	12	6	1649	0	1655	0	0	1	1	5	792	92	889	2557
Apprch %	66.7	8.3	25		0.4	99.6	0		0	0	100		0.6	89.1	10.3		
Total %	0.3	0	0.1	0.5	0.2	64.5	0	64.7	0	0	0	0	0.2	31	3.6	34.8	

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**3**	0	**2**	**5**	0	234	0	234	0	0	0	0	0	113	10	123	362
08:00 AM	0	0	0	0	0	252	0	252	0	0	0	0	**1**	**124**	14	**139**	391
08:15 AM	0	0	0	0	1	**274**	0	**275**	0	0	0	0	0	116	16	132	407
08:30 AM	2	0	1	3	**3**	271	0	274	0	0	0	0	0	115	**23**	138	**415**
Total Volume	5	0	3	8	4	1031	0	1035	0	0	0	0	1	468	63	532	1575
% App. Total	62.5	0	37.5		0.4	99.6	0		0	0	0		0.2	88	11.8		
PHF	.417	.000	.375	.400	.333	.941	.000	.941	.000	.000	.000	.000	.250	.944	.685	.957	.949

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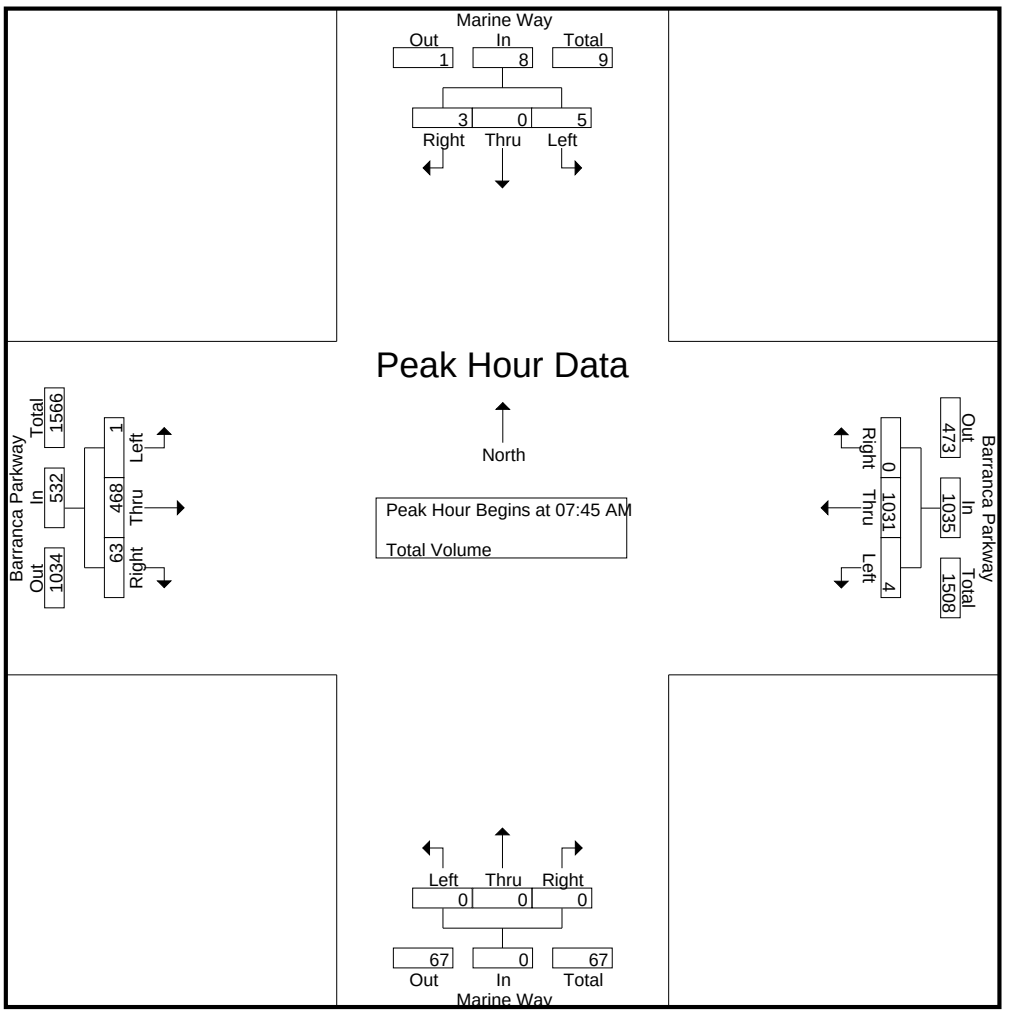
City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:00 AM				07:45 AM			
+0 mins.	**3**	0	**2**	**5**	0	234	0	234	0	0	0	0	0	113	10	123
+15 mins.	0	0	0	0	0	252	0	252	0	0	0	0	**1**	**124**	14	**139**
+30 mins.	0	0	0	0	1	**274**	0	**275**	0	0	**1**	**1**	0	116	16	132
+45 mins.	2	0	1	3	**3**	271	0	274	0	0	0	0	0	115	**23**	138
Total Volume	5	0	3	8	4	1031	0	1035	0	0	1	1	1	468	63	532
% App. Total	62.5	0	37.5		0.4	99.6	0		0	0	100		0.2	88	11.8	
PHF	.417	.000	.375	.400	.333	.941	.000	.941	.000	.000	.250	.250	.250	.944	.685	.957

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City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	9	0	4	13	0	146	0	146	3	0	56	59	1	181	7	189	407
04:15 PM	11	0	1	12	0	133	0	133	3	0	69	72	0	168	5	173	390
04:30 PM	3	0	0	3	0	178	0	178	0	0	5	5	0	179	1	180	366
04:45 PM	6	0	0	6	0	151	0	151	0	0	4	4	0	213	1	214	375
Total	29	0	5	34	0	608	0	608	6	0	134	140	1	741	14	756	1538
05:00 PM	11	0	4	15	0	225	0	225	0	0	0	0	0	274	4	278	518
05:15 PM	13	0	2	15	0	179	0	179	0	0	0	0	0	247	0	247	441
05:30 PM	14	0	0	14	0	153	0	153	0	0	0	0	0	252	5	257	424
05:45 PM	3	0	1	4	0	105	0	105	0	0	0	0	0	234	2	236	345
Total	41	0	7	48	0	662	0	662	0	0	0	0	0	1007	11	1018	1728
06:00 PM	10	0	1	11	1	100	0	101	0	0	2	2	1	216	2	219	333
06:15 PM	9	0	2	11	0	82	0	82	0	0	0	0	0	140	3	143	236
Grand Total	89	0	15	104	1	1452	0	1453	6	0	136	142	2	2104	30	2136	3835
Apprch %	85.6	0	14.4		0.1	99.9	0		4.2	0	95.8		0.1	98.5	1.4		
Total %	2.3	0	0.4	2.7	0	37.9	0	37.9	0.2	0	3.5	3.7	0.1	54.9	0.8	55.7	

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	6	0	0	6	0	151	0	151	0	0	**4**	**4**	0	213	1	214	375
05:00 PM	11	0	**4**	**15**	0	**225**	0	**225**	0	0	0	0	0	**274**	4	**278**	**518**
05:15 PM	13	0	2	15	0	179	0	179	0	0	0	0	0	247	0	247	441
05:30 PM	**14**	0	0	14	0	153	0	153	0	0	0	0	0	252	**5**	257	424
Total Volume	44	0	6	50	0	708	0	708	0	0	4	4	0	986	10	996	1758
% App. Total	88	0	12		0	100	0		0	0	100		0	99	1		
PHF	.786	.000	.375	.833	.000	.787	.000	.787	.000	.000	.250	.250	.000	.900	.500	.896	.848

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City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Tue PM
Site Code : 19224028
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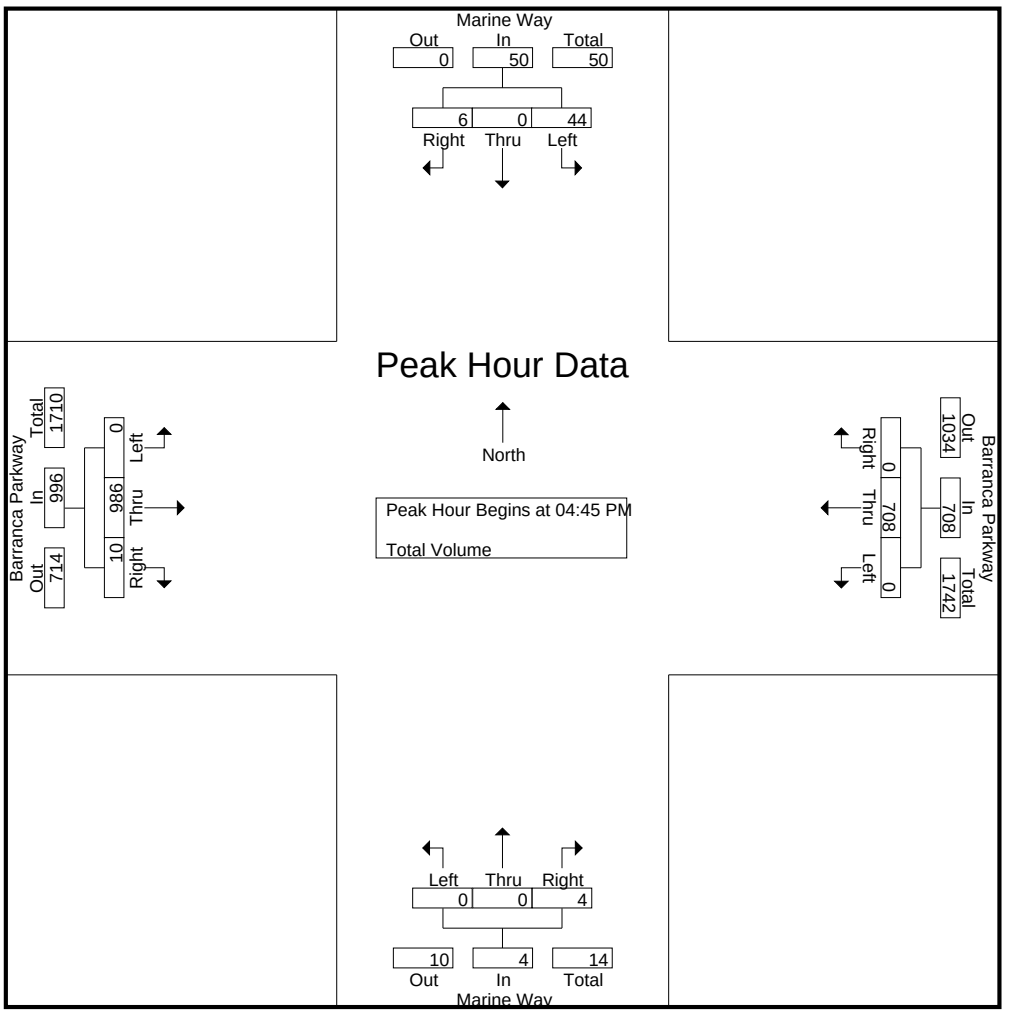

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM				05:00 PM			
+0 mins.	6	0	0	6	0	178	0	178	**3**	0	56	59	0	**274**	4	**278**
+15 mins.	11	0	**4**	**15**	0	151	0	151	3	0	**69**	**72**	0	247	0	247
+30 mins.	13	0	2	15	0	**225**	0	**225**	0	0	5	5	0	252	**5**	257
+45 mins.	**14**	0	0	14	0	179	0	179	0	0	4	4	0	234	2	236
Total Volume	44	0	6	50	0	733	0	733	6	0	134	140	0	1007	11	1018
% App. Total	88	0	12		0	100	0		4.3	0	95.7		0	98.9	1.1	
PHF	.786	.000	.375	.833	.000	.814	.000	.814	.500	.000	.486	.486	.000	.919	.550	.915

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City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	1	107	0	108	0	0	1	1	1	84	2	87	196
07:15 AM	0	0	1	1	1	130	0	131	0	0	1	1	1	56	5	62	195
07:30 AM	0	0	0	0	1	187	0	188	0	0	0	0	1	104	6	111	299
07:45 AM	0	0	1	1	0	232	0	232	0	0	0	0	1	122	14	137	370
Total	0	0	2	2	3	656	0	659	0	0	2	2	4	366	27	397	1060
08:00 AM	1	0	0	1	0	224	0	224	0	0	0	0	1	118	9	128	353
08:15 AM	0	0	0	0	0	234	0	234	0	0	1	1	0	110	13	123	358
08:30 AM	2	0	0	2	2	247	0	249	0	0	2	2	1	117	19	137	390
08:45 AM	2	0	0	2	4	219	0	223	0	0	1	1	0	101	26	127	353
Total	5	0	0	5	6	924	0	930	0	0	4	4	2	446	67	515	1454
Grand Total	5	0	2	7	9	1580	0	1589	0	0	6	6	6	812	94	912	2514
Apprch %	71.4	0	28.6		0.6	99.4	0		0	0	100		0.7	89	10.3		
Total %	0.2	0	0.1	0.3	0.4	62.8	0	63.2	0	0	0.2	0.2	0.2	32.3	3.7	36.3	

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	**1**	1	0	232	0	232	0	0	0	0	**1**	**122**	14	**137**	370
08:00 AM	1	0	0	1	0	224	0	224	0	0	0	0	1	118	9	128	353
08:15 AM	0	0	0	0	0	234	0	234	0	0	1	1	0	110	13	123	358
08:30 AM	**2**	0	0	**2**	**2**	**247**	0	**249**	0	0	**2**	**2**	1	117	**19**	137	**390**
Total Volume	3	0	1	4	2	937	0	939	0	0	3	3	3	467	55	525	1471
% App. Total	75	0	25		0.2	99.8	0		0	0	100		0.6	89	10.5		
PHF	.375	.000	.250	.500	.250	.948	.000	.943	.000	.000	.375	.375	.750	.957	.724	.958	.943

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City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Thu AM
Site Code : 19224028
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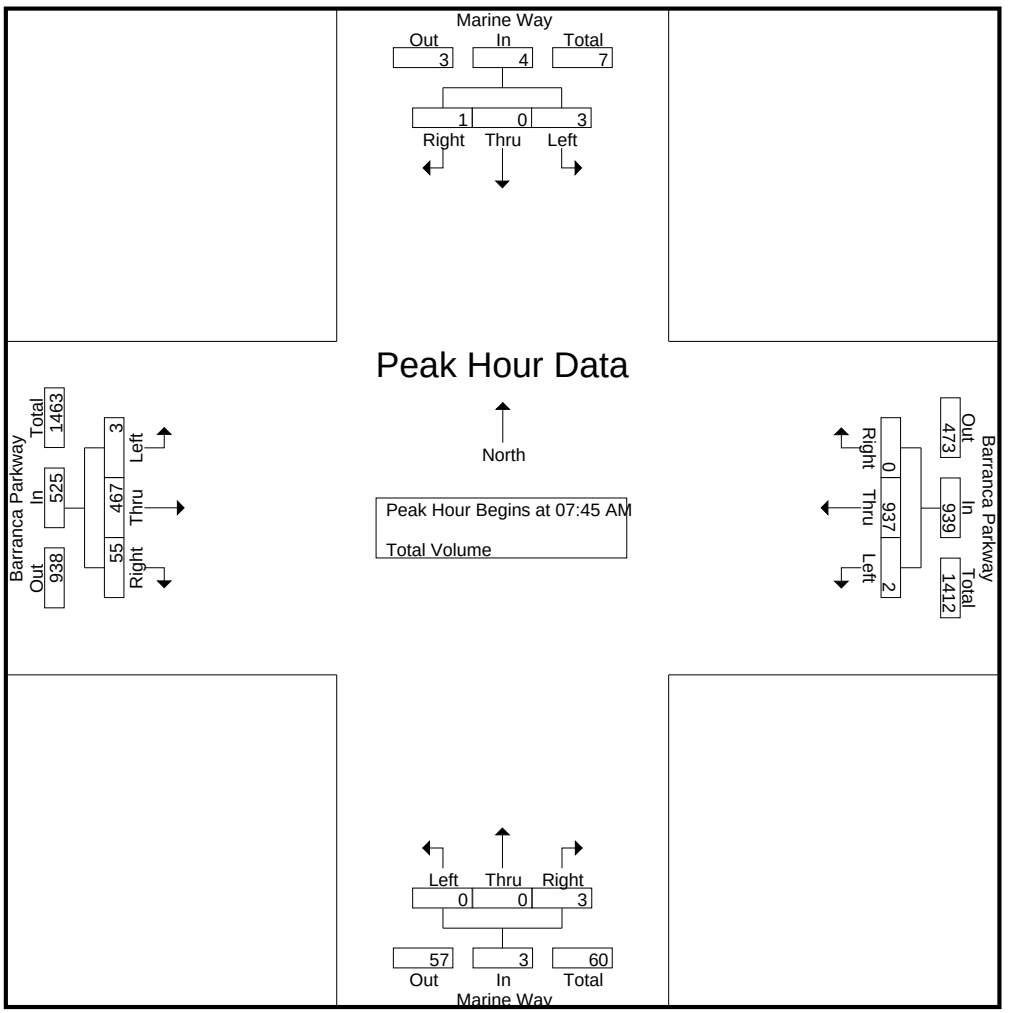

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	1	0	0	1	0	232	0	232	0	0	0	0	**1**	**122**	14	**137**
+15 mins.	0	0	0	0	0	224	0	224	0	0	1	1	1	118	9	128
+30 mins.	**2**	0	0	**2**	0	234	0	234	0	0	**2**	**2**	0	110	13	123
+45 mins.	2	0	0	2	**2**	**247**	0	**249**	0	0	1	1	1	117	**19**	137
Total Volume	5	0	0	5	2	937	0	939	0	0	4	4	3	467	55	525
% App. Total	100	0	0		0.2	99.8	0		0	0	100		0.6	89	10.5	
PHF	.625	.000	.000	.625	.250	.948	.000	.943	.000	.000	.500	.500	.750	.957	.724	.958

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City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	0	2	8	0	169	0	169	4	1	48	53	0	159	3	162	392
04:15 PM	8	0	0	8	0	154	0	154	2	0	68	70	0	177	1	178	410
04:30 PM	6	0	0	6	1	185	0	186	0	0	8	8	0	213	4	217	417
04:45 PM	8	0	0	8	0	112	0	112	0	0	5	5	0	188	1	189	314
Total	28	0	2	30	1	620	0	621	6	1	129	136	0	737	9	746	1533
05:00 PM	6	0	0	6	0	218	0	218	0	0	1	1	0	270	1	271	496
05:15 PM	12	0	3	15	0	173	0	173	0	0	1	1	0	196	4	200	389
05:30 PM	9	0	2	11	0	169	0	169	0	0	0	0	0	216	1	217	397
05:45 PM	11	0	1	12	0	111	0	111	0	0	2	2	0	192	1	193	318
Total	38	0	6	44	0	671	0	671	0	0	4	4	0	874	7	881	1600
06:00 PM	9	0	5	14	1	99	0	100	0	0	1	1	1	187	2	190	305
06:15 PM	6	0	0	6	0	82	0	82	0	0	0	0	0	135	2	137	225
Grand Total	81	0	13	94	2	1472	0	1474	6	1	134	141	1	1933	20	1954	3663
Apprch %	86.2	0	13.8		0.1	99.9	0		4.3	0.7	95		0.1	98.9	1		
Total %	2.2	0	0.4	2.6	0.1	40.2	0	40.2	0.2	0	3.7	3.8	0	52.8	0.5	53.3	

	Marine Way Southbound				Barranca Parkway Westbound				Marine Way Northbound				Barranca Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	**8**	0	0	**8**	0	154	0	154	**2**	0	**68**	**70**	0	177	1	178	410
04:30 PM	6	0	0	6	**1**	185	0	186	0	0	8	8	0	213	**4**	217	417
04:45 PM	8	0	0	8	0	112	0	112	0	0	5	5	0	188	1	189	314
05:00 PM	6	0	0	6	0	**218**	0	**218**	0	0	1	1	0	**270**	1	**271**	**496**
Total Volume	28	0	0	28	1	669	0	670	2	0	82	84	0	848	7	855	1637
% App. Total	100	0	0		0.1	99.9	0		2.4	0	97.6		0	99.2	0.8		
PHF	.875	.000	.000	.875	.250	.767	.000	.768	.250	.000	.301	.300	.000	.785	.438	.789	.825

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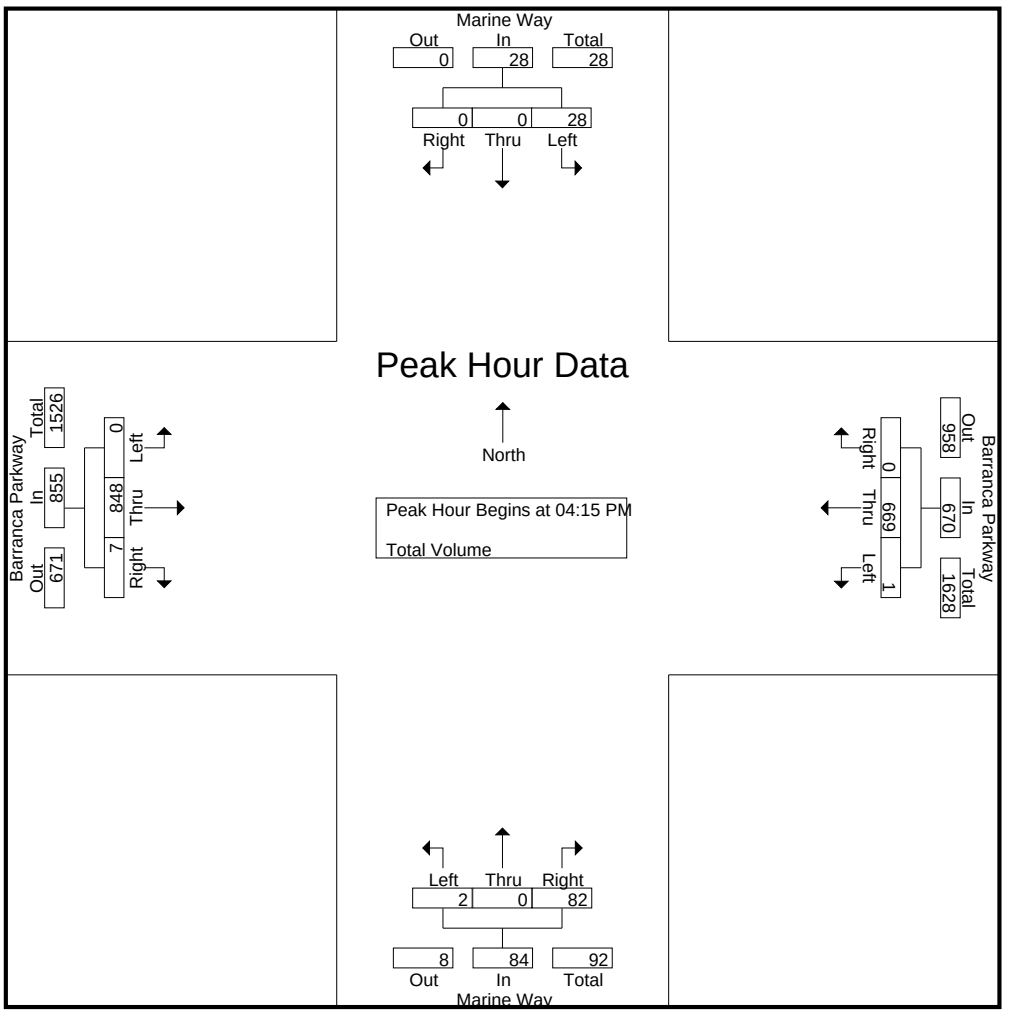
City of Irvine
N/S: Marine Way
E/W: Barranca Parkway
Weather: Clear

File Name : 566_IRV_Mar_Bar Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:15 PM				04:30 PM				04:00 PM				05:00 PM			
+0 mins.	**12**	0	3	**15**	**1**	185	0	186	**4**	**1**	48	53	0	**270**	1	**271**
+15 mins.	9	0	2	11	0	112	0	112	2	0	**68**	**70**	0	196	**4**	200
+30 mins.	11	0	1	12	0	**218**	0	**218**	0	0	8	8	0	216	1	217
+45 mins.	9	0	**5**	14	0	173	0	173	0	0	5	5	0	192	1	193
Total Volume	41	0	11	52	1	688	0	689	6	1	129	136	0	874	7	881
% App. Total	78.8	0	21.2		0.1	99.9	0		4.4	0.7	94.9		0	99.2	0.8	
PHF	.854	.000	.550	.867	.250	.789	.000	.790	.375	.250	.474	.486	.000	.809	.438	.813

Location: Irvine
N/S: Marine Way
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Marine Way Pedestrians	East Leg Barranca Parkway Pedestrians	South Leg Marine Way Pedestrians	West Leg Barranca Parkway Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	1	0	0	0	1
7:30 AM	0	0	0	0	0
7:45 AM	1	0	0	0	1
8:00 AM	1	0	0	0	1
8:15 AM	5	0	1	0	6
8:30 AM	1	0	0	0	1
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	11	0	1	0	12

	North Leg Marine Way Pedestrians	East Leg Barranca Parkway Pedestrians	South Leg Marine Way Pedestrians	West Leg Barranca Parkway Pedestrians	
4:00 PM	4	0	0	0	4
4:15 PM	1	0	0	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	3	0	0	0	3
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	1	0	0	0	1
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	9	0	1	0	10

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Location: Irvine
N/S: Marine Way
E/W: Barranca Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Marine Way			Westbound Barranca Parkway			Northbound Marine Way			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	4	0	0	0	0	0	0	0	4
7:15 AM	0	0	0	0	0	0	0	0	0	0	4	0	4
7:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:00 AM	0	0	0	0	2	0	0	0	0	0	2	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	0	0	0	0	2	0	0	0	0	0	3	0	5
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	13	0	0	0	0	0	10	0	23

	Southbound Marine Way			Westbound Barranca Parkway			Northbound Marine Way			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	3	0	0	0	0	0	1	0	4
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	3	0	0	0	0	0	0	0	3
5:00 PM	0	0	0	0	3	0	0	0	0	0	2	0	5
5:15 PM	0	0	0	0	4	0	0	0	0	0	0	0	4
5:30 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	17	0	0	0	0	0	4	0	21

Location: Irvine
N/S: Marine Way
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Marine Way	East Leg Barranca Parkway	South Leg Marine Way	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	1	0	0	0	1
8:00 AM	4	0	0	0	4
8:15 AM	1	0	0	0	1
8:30 AM	0	0	1	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	7	0	1	0	8

	North Leg Marine Way	East Leg Barranca Parkway	South Leg Marine Way	West Leg Barranca Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	3	0	0	0	3
4:30 PM	6	0	0	0	6
4:45 PM	1	0	0	0	1
5:00 PM	3	0	0	0	3
5:15 PM	0	0	0	0	0
5:30 PM	2	0	1	0	3
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	15	0	1	0	16

Location: Irvine
N/S: Marine Way
E/W: Barranca Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Marine Way			Westbound Barranca Parkway			Northbound Marine Way			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	3	0	3
7:45 AM	0	0	0	0	2	0	0	0	0	0	2	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	7	0	0	0	0	0	6	0	13

	Southbound Marine Way			Westbound Barranca Parkway			Northbound Marine Way			Eastbound Barranca Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	4	0	0	0	0	0	0	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	7	0	0	0	0	0	5	0	12

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City of Irvine
N/S: Marine Way
E/W: Alton Parkway
Weather: Clear

File Name : 567_IRV_Mar_Alton Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	0	139	0	139	0	0	0	0	7	200	0	207	347
07:15 AM	0	1	0	1	0	151	1	152	0	0	0	0	8	188	1	197	350
07:30 AM	0	0	0	0	0	214	0	214	0	0	2	2	15	223	3	241	457
07:45 AM	3	0	0	3	0	209	0	209	0	0	0	0	11	245	2	258	470
Total	3	1	1	5	0	713	1	714	0	0	2	2	41	856	6	903	1624
08:00 AM	1	0	0	1	0	251	0	251	0	0	1	1	16	256	1	273	526
08:15 AM	1	0	1	2	0	226	2	228	0	0	0	0	29	281	0	310	540
08:30 AM	0	0	1	1	1	251	1	253	0	0	0	0	27	244	0	271	525
08:45 AM	1	0	1	2	0	212	2	214	1	0	0	1	8	220	2	230	447
Total	3	0	3	6	1	940	5	946	1	0	1	2	80	1001	3	1084	2038
Grand Total	6	1	4	11	1	1653	6	1660	1	0	3	4	121	1857	9	1987	3662
Apprch %	54.5	9.1	36.4		0.1	99.6	0.4		25	0	75		6.1	93.5	0.5		
Total %	0.2	0	0.1	0.3	0	45.1	0.2	45.3	0	0	0.1	0.1	3.3	50.7	0.2	54.3	

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**3**	0	0	**3**	0	209	0	209	0	0	0	0	11	245	**2**	258	470
08:00 AM	1	0	0	1	0	**251**	0	251	0	0	**1**	**1**	16	256	1	273	526
08:15 AM	1	0	**1**	2	0	226	**2**	228	0	0	0	0	**29**	**281**	0	**310**	**540**
08:30 AM	0	0	1	1	**1**	251	1	**253**	0	0	0	0	27	244	0	271	525
Total Volume	5	0	2	7	1	937	3	941	0	0	1	1	83	1026	3	1112	2061
% App. Total	71.4	0	28.6		0.1	99.6	0.3		0	0	100		7.5	92.3	0.3		
PHF	.417	.000	.500	.583	.250	.933	.375	.930	.000	.000	.250	.250	.716	.913	.375	.897	.954

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City of Irvine
N/S: Marine Way
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File Name : 567_IRV_Mar_Alton Tue AM
Site Code : 19224028
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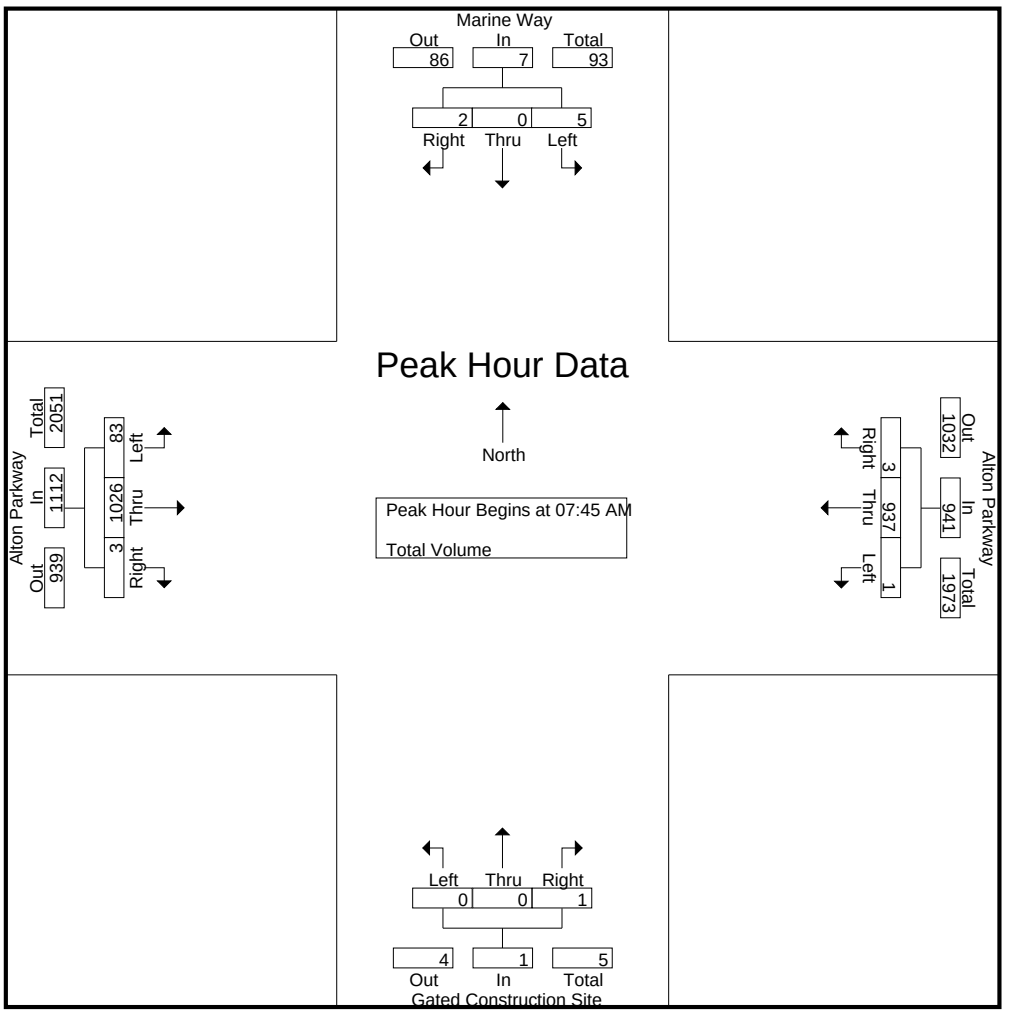

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:15 AM				07:45 AM			
+0 mins.	**3**	0	0	**3**	0	**251**	0	251	0	0	0	0	11	245	**2**	258
+15 mins.	1	0	0	1	0	226	**2**	228	0	0	**2**	**2**	16	256	1	273
+30 mins.	1	0	**1**	2	**1**	251	1	**253**	0	0	0	0	**29**	**281**	0	**310**
+45 mins.	0	0	1	1	0	212	2	214	0	0	1	1	27	244	0	271
Total Volume	5	0	2	7	1	940	5	946	0	0	3	3	83	1026	3	1112
% App. Total	71.4	0	28.6		0.1	99.4	0.5		0	0	100		7.5	92.3	0.3	
PHF	.417	.000	.500	.583	.250	.936	.625	.935	.000	.000	.375	.375	.716	.913	.375	.897

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City of Irvine
N/S: Marine Way
E/W: Alton Parkway
Weather: Clear

File Name : 567_IRV_Mar_Alton Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	0	3	9	0	209	0	209	0	0	0	0	2	236	0	238	456
04:15 PM	17	0	2	19	0	212	0	212	0	0	0	0	2	200	0	202	433
04:30 PM	6	0	4	10	0	185	1	186	0	0	0	0	2	247	0	249	445
04:45 PM	10	0	1	11	0	173	1	174	0	0	0	0	3	257	0	260	445
Total	39	0	10	49	0	779	2	781	0	0	0	0	9	940	0	949	1779
05:00 PM	20	0	4	24	0	228	0	228	0	0	0	0	2	297	0	299	551
05:15 PM	17	0	0	17	0	237	1	238	0	0	0	0	2	295	0	297	552
05:30 PM	18	0	7	25	0	184	0	184	0	0	0	0	1	293	0	294	503
05:45 PM	22	0	1	23	0	156	0	156	0	0	0	0	2	219	0	221	400
Total	77	0	12	89	0	805	1	806	0	0	0	0	7	1104	0	1111	2006
06:00 PM	21	0	5	26	0	186	1	187	0	0	0	0	0	199	0	199	412
06:15 PM	28	0	4	32	0	136	1	137	0	0	0	0	3	227	0	230	399
Grand Total	165	0	31	196	0	1906	5	1911	0	0	0	0	19	2470	0	2489	4596
Apprch %	84.2	0	15.8		0	99.7	0.3		0	0	0		0.8	99.2	0		
Total %	3.6	0	0.7	4.3	0	41.5	0.1	41.6	0	0	0	0	0.4	53.7	0	54.2	

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	10	0	1	11	0	173	**1**	174	0	0	0	0	**3**	257	0	260	445
05:00 PM	**20**	0	4	24	0	228	0	228	0	0	0	0	2	**297**	0	**299**	551
05:15 PM	17	0	0	17	0	**237**	1	**238**	0	0	0	0	2	295	0	297	**552**
05:30 PM	18	0	**7**	**25**	0	184	0	184	0	0	0	0	1	293	0	294	503
Total Volume	65	0	12	77	0	822	2	824	0	0	0	0	8	1142	0	1150	2051
% App. Total	84.4	0	15.6		0	99.8	0.2		0	0	0		0.7	99.3	0		
PHF	.813	.000	.429	.770	.000	.867	.500	.866	.000	.000	.000	.000	.667	.961	.000	.962	.929

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City of Irvine
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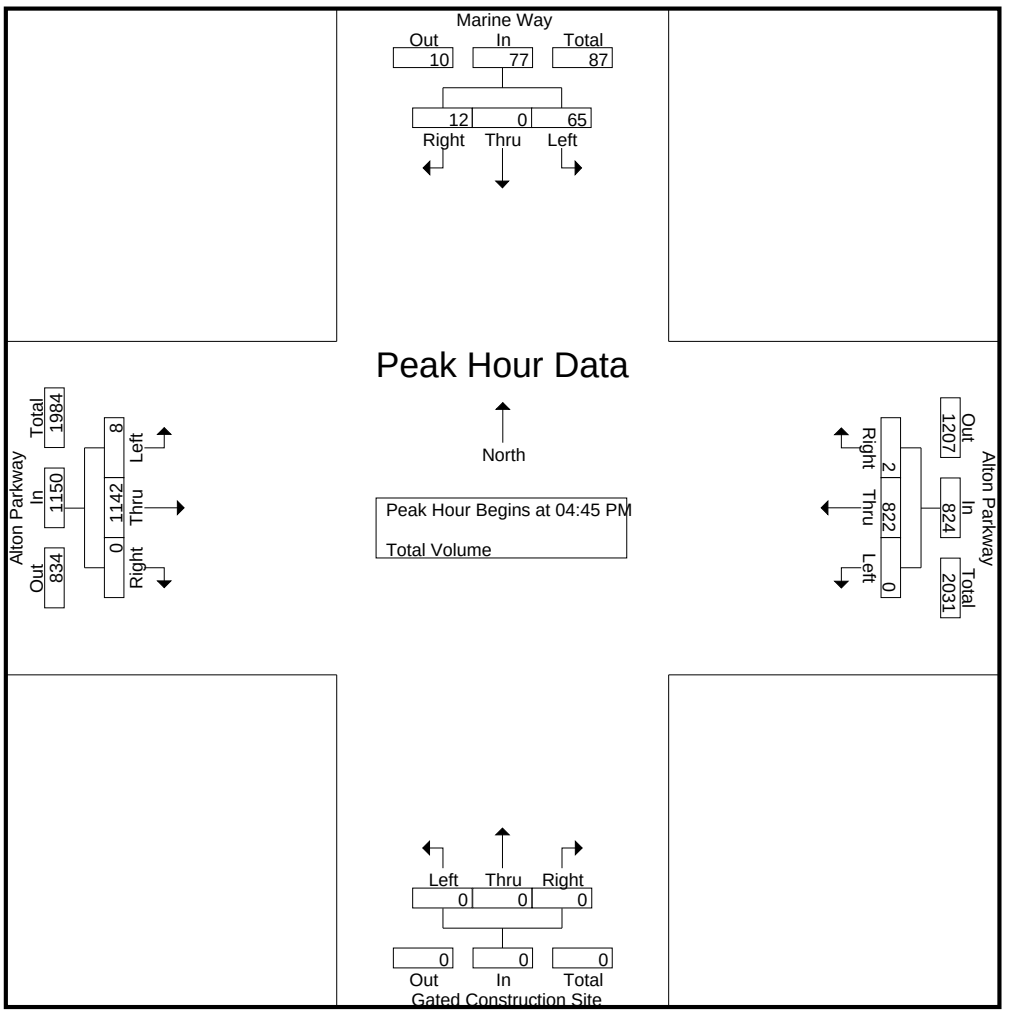

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:30 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	18	0	**7**	25	0	185	**1**	186	0	0	0	0	**3**	257	0	260
+15 mins.	22	0	1	23	0	173	1	174	0	0	0	0	2	**297**	0	**299**
+30 mins.	21	0	5	26	0	228	0	228	0	0	0	0	2	295	0	297
+45 mins.	**28**	0	4	**32**	0	**237**	1	**238**	0	0	0	0	1	293	0	294
Total Volume	89	0	17	106	0	823	3	826	0	0	0	0	8	1142	0	1150
% App. Total	84	0	16		0	99.6	0.4		0	0	0		0.7	99.3	0	
PHF	.795	.000	.607	.828	.000	.868	.750	.868	.000	.000	.000	.000	.667	.961	.000	.962

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City of Irvine
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File Name : 567_IRV_Mar_Alton Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	167	0	167	0	0	0	0	5	191	0	196	363
07:15 AM	1	0	0	1	0	168	0	168	0	0	1	1	13	172	0	185	355
07:30 AM	0	0	1	1	0	258	0	258	0	0	1	1	11	209	4	224	484
07:45 AM	1	0	1	2	0	240	0	240	0	0	1	1	11	225	2	238	481
Total	2	0	2	4	0	833	0	833	0	0	3	3	40	797	6	843	1683
08:00 AM	0	2	1	3	0	271	2	273	1	0	1	2	11	234	3	248	526
08:15 AM	1	0	1	2	1	256	2	259	0	0	1	1	23	295	1	319	581
08:30 AM	1	0	0	1	0	282	8	290	0	0	3	3	21	229	0	250	544
08:45 AM	8	2	1	11	1	201	1	203	0	0	1	1	40	210	0	250	465
Total	10	4	3	17	2	1010	13	1025	1	0	6	7	95	968	4	1067	2116
Grand Total	12	4	5	21	2	1843	13	1858	1	0	9	10	135	1765	10	1910	3799
Apprch %	57.1	19	23.8		0.1	99.2	0.7		10	0	90		7.1	92.4	0.5		
Total %	0.3	0.1	0.1	0.6	0.1	48.5	0.3	48.9	0	0	0.2	0.3	3.6	46.5	0.3	50.3	

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**1**	0	**1**	2	0	240	0	240	0	0	1	1	11	225	2	238	481
08:00 AM	0	**2**	1	**3**	0	271	2	273	**1**	0	1	2	11	234	**3**	248	526
08:15 AM	1	0	1	2	**1**	256	2	259	0	0	1	1	**23**	**295**	1	**319**	**581**
08:30 AM	1	0	0	1	0	**282**	**8**	**290**	0	0	**3**	**3**	21	229	0	250	544
Total Volume	3	2	3	8	1	1049	12	1062	1	0	6	7	66	983	6	1055	2132
% App. Total	37.5	25	37.5		0.1	98.8	1.1		14.3	0	85.7		6.3	93.2	0.6		
PHF	.750	.250	.750	.667	.250	.930	.375	.916	.250	.000	.500	.583	.717	.833	.500	.827	.917

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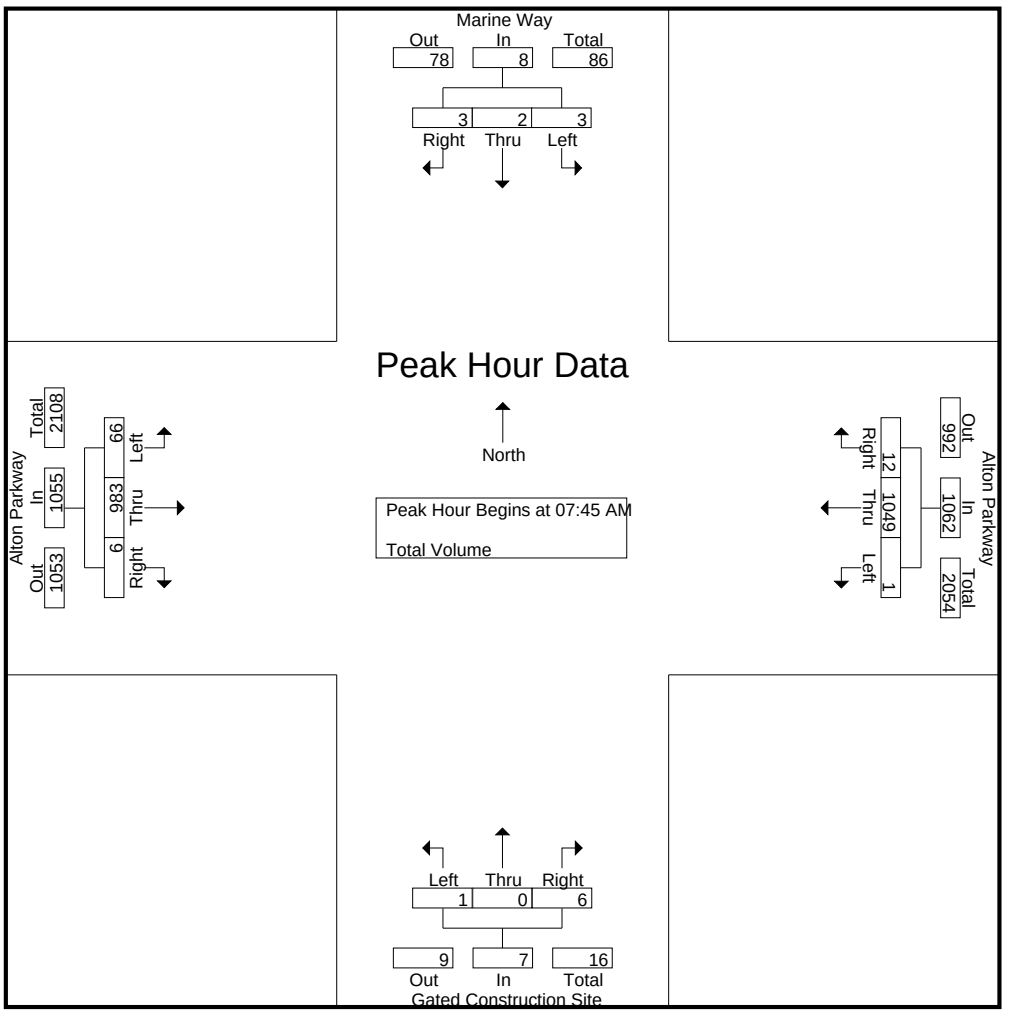
City of Irvine
N/S: Marine Way
E/W: Alton Parkway
Weather: Clear

File Name : 567_IRV_Mar_Alton Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				07:45 AM				08:00 AM			
+0 mins.	0	**2**	**1**	3	0	240	0	240	0	0	1	1	11	234	**3**	248
+15 mins.	1	0	1	2	0	271	2	273	**1**	0	1	2	23	**295**	1	**319**
+30 mins.	1	0	0	1	**1**	256	2	259	0	0	1	1	21	229	0	250
+45 mins.	**8**	2	1	**11**	0	**282**	**8**	**290**	0	0	**3**	**3**	**40**	210	0	250
Total Volume	10	4	3	17	1	1049	12	1062	1	0	6	7	95	968	4	1067
% App. Total	58.8	23.5	17.6		0.1	98.8	1.1		14.3	0	85.7		8.9	90.7	0.4	
PHF	.313	.500	.750	.386	.250	.930	.375	.916	.250	.000	.500	.583	.594	.820	.333	.836

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City of Irvine
N/S: Marine Way
E/W: Alton Parkway
Weather: Clear

File Name : 567_IRV_Mar_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	0	5	12	0	193	1	194	0	0	0	0	5	195	0	200	406
04:15 PM	14	0	3	17	0	182	0	182	0	0	0	0	2	223	0	225	424
04:30 PM	6	0	5	11	0	188	0	188	0	0	0	0	0	250	0	250	449
04:45 PM	15	0	3	18	0	197	1	198	0	0	0	0	2	242	0	244	460
Total	42	0	16	58	0	760	2	762	0	0	0	0	9	910	0	919	1739
05:00 PM	20	0	4	24	0	231	0	231	0	0	0	0	0	258	0	258	513
05:15 PM	21	0	3	24	0	216	1	217	0	0	0	0	1	284	0	285	526
05:30 PM	16	0	3	19	0	178	0	178	0	0	0	0	2	257	0	259	456
05:45 PM	17	0	1	18	0	176	0	176	0	0	0	0	2	236	0	238	432
Total	74	0	11	85	0	801	1	802	0	0	0	0	5	1035	0	1040	1927
06:00 PM	15	0	1	16	0	139	0	139	0	0	0	0	2	237	0	239	394
06:15 PM	23	0	2	25	0	154	0	154	0	0	0	0	2	192	0	194	373
Grand Total	154	0	30	184	0	1854	3	1857	0	0	0	0	18	2374	0	2392	4433
Apprch %	83.7	0	16.3		0	99.8	0.2		0	0	0		0.8	99.2	0		
Total %	3.5	0	0.7	4.2	0	41.8	0.1	41.9	0	0	0	0	0.4	53.6	0	54	

	Marine Way Southbound				Alton Parkway Westbound				Gated Construction Site Northbound				Alton Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	15	0	3	18	0	197	**1**	198	0	0	0	0	**2**	242	0	244	460
05:00 PM	20	0	**4**	**24**	0	**231**	0	**231**	0	0	0	0	0	258	0	258	513
05:15 PM	**21**	0	3	24	0	216	1	217	0	0	0	0	1	**284**	0	**285**	**526**
05:30 PM	16	0	3	19	0	178	0	178	0	0	0	0	2	257	0	259	456
Total Volume	72	0	13	85	0	822	2	824	0	0	0	0	5	1041	0	1046	1955
% App. Total	84.7	0	15.3		0	99.8	0.2		0	0	0		0.5	99.5	0		
PHF	.857	.000	.813	.885	.000	.890	.500	.892	.000	.000	.000	.000	.625	.916	.000	.918	.929

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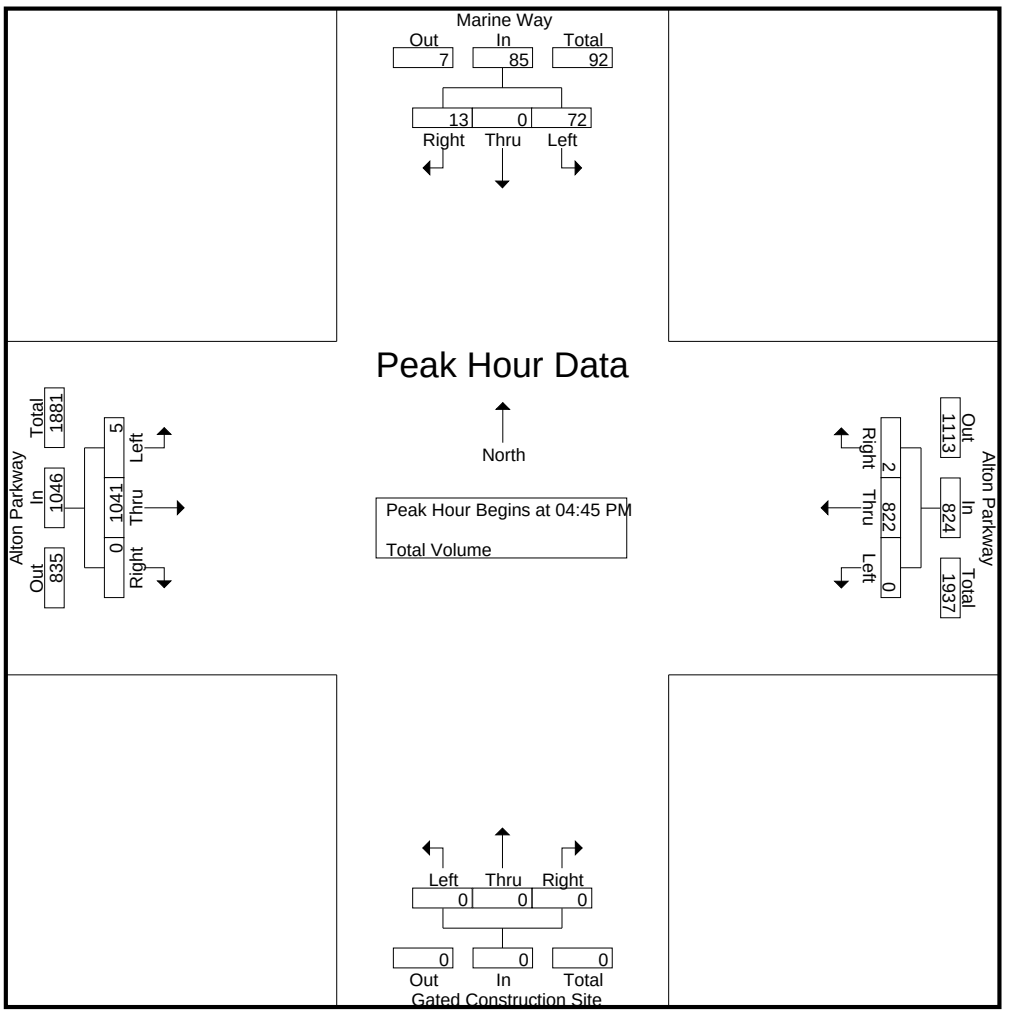
City of Irvine
N/S: Marine Way
E/W: Alton Parkway
Weather: Clear

File Name : 567_IRV_Mar_Alton Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	15	0	3	18	0	188	0	188	0	0	0	0	**2**	242	0	244
+15 mins.	20	0	**4**	**24**	0	197	**1**	198	0	0	0	0	0	258	0	258
+30 mins.	**21**	0	3	24	0	**231**	0	**231**	0	0	0	0	1	**284**	0	**285**
+45 mins.	16	0	3	19	0	216	1	217	0	0	0	0	2	257	0	259
Total Volume	72	0	13	85	0	832	2	834	0	0	0	0	5	1041	0	1046
% App. Total	84.7	0	15.3		0	99.8	0.2		0	0	0		0.5	99.5	0	
PHF	.857	.000	.813	.885	.000	.900	.500	.903	.000	.000	.000	.000	.625	.916	.000	.918

Location: Irvine
N/S: Marine Way
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Marine Way	East Leg Alton Parkway	South Leg Gated Construction Site	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	0	0	0	0
7:30 AM	1	0	1	0	2
7:45 AM	0	0	3	0	3
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	2	0	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	0	7	0	8

	North Leg Marine Way	East Leg Alton Parkway	South Leg Gated Construction Site	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	1	0	1	0	2
4:30 PM	0	0	1	0	1
4:45 PM	0	0	1	0	1
5:00 PM	0	0	0	1	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	2	0	3	1	6

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Location: Irvine
N/S: Marine Way
E/W: Alton Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Marine Way			Westbound Alton Parkway			Northbound Gated Construction Site			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	4	0	0	0	0	0	2	0	6

	Southbound Marine Way			Westbound Alton Parkway			Northbound Gated Construction Site			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
5:00 PM	0	0	1	0	0	0	0	0	0	0	1	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
TOTAL VOLUMES:	0	0	1	0	3	0	0	0	0	0	7	0	11

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Location: Irvine
N/S: Marine Way
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Marine Way	East Leg Alton Parkway	South Leg Gated Construction Site	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	0	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	2	0	2
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	2	0	3	0	5

	North Leg Marine Way	East Leg Alton Parkway	South Leg Gated Construction Site	West Leg Alton Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	2	0	0	0	2
4:30 PM	1	0	1	0	2
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	3	0	1	0	4

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Location: Irvine
N/S: Marine Way
E/W: Alton Parkway

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Marine Way			Westbound Alton Parkway			Northbound Gated Construction Site			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	0	2	0	4

	Southbound Marine Way			Westbound Alton Parkway			Northbound Gated Construction Site			Eastbound Alton Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	0	0	0	0	0	0	1	0	2

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City of Irvine
N/S: Portola Springs
E/W: Portola Parkway
Weather: Clear

File Name : 571_IRV_Por Spr_Portola Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	5	29	34	2	26	0	28	16	1	2	19	9	41	16	66	147
07:15 AM	3	8	44	55	3	56	1	60	11	1	8	20	10	55	35	100	235
07:30 AM	1	13	48	62	9	79	1	89	36	4	7	47	13	83	53	149	347
07:45 AM	4	24	71	99	5	44	0	49	61	8	13	82	18	81	99	198	428
Total	8	50	192	250	19	205	2	226	124	14	30	168	50	260	203	513	1157
08:00 AM	4	18	77	99	11	66	17	94	105	23	29	157	46	45	72	163	513
08:15 AM	3	33	61	97	26	85	19	130	72	8	11	91	33	79	46	158	476
08:30 AM	6	20	64	90	9	53	3	65	23	20	13	56	33	61	41	135	346
08:45 AM	2	14	46	62	12	44	0	56	29	9	10	48	24	55	24	103	269
Total	15	85	248	348	58	248	39	345	229	60	63	352	136	240	183	559	1604
Grand Total	23	135	440	598	77	453	41	571	353	74	93	520	186	500	386	1072	2761
Apprch %	3.8	22.6	73.6		13.5	79.3	7.2		67.9	14.2	17.9		17.4	46.6	36		
Total %	0.8	4.9	15.9	21.7	2.8	16.4	1.5	20.7	12.8	2.7	3.4	18.8	6.7	18.1	14	38.8	

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	13	48	62	9	79	1	89	36	4	7	47	13	**83**	53	149	347
07:45 AM	**4**	24	71	**99**	5	44	0	49	61	8	13	82	18	81	**99**	**198**	428
08:00 AM	4	18	**77**	99	11	66	17	94	**105**	**23**	**29**	**157**	**46**	45	72	163	**513**
08:15 AM	3	**33**	61	97	**26**	**85**	**19**	**130**	72	8	11	91	33	79	46	158	476
Total Volume	12	88	257	357	51	274	37	362	274	43	60	377	110	288	270	668	1764
% App. Total	3.4	24.6	72		14.1	75.7	10.2		72.7	11.4	15.9		16.5	43.1	40.4		
PHF	.750	.667	.834	.902	.490	.806	.487	.696	.652	.467	.517	.600	.598	.867	.682	.843	.860

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City of Irvine
N/S: Portola Springs
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File Name : 571_IRV_Por Spr_Portola Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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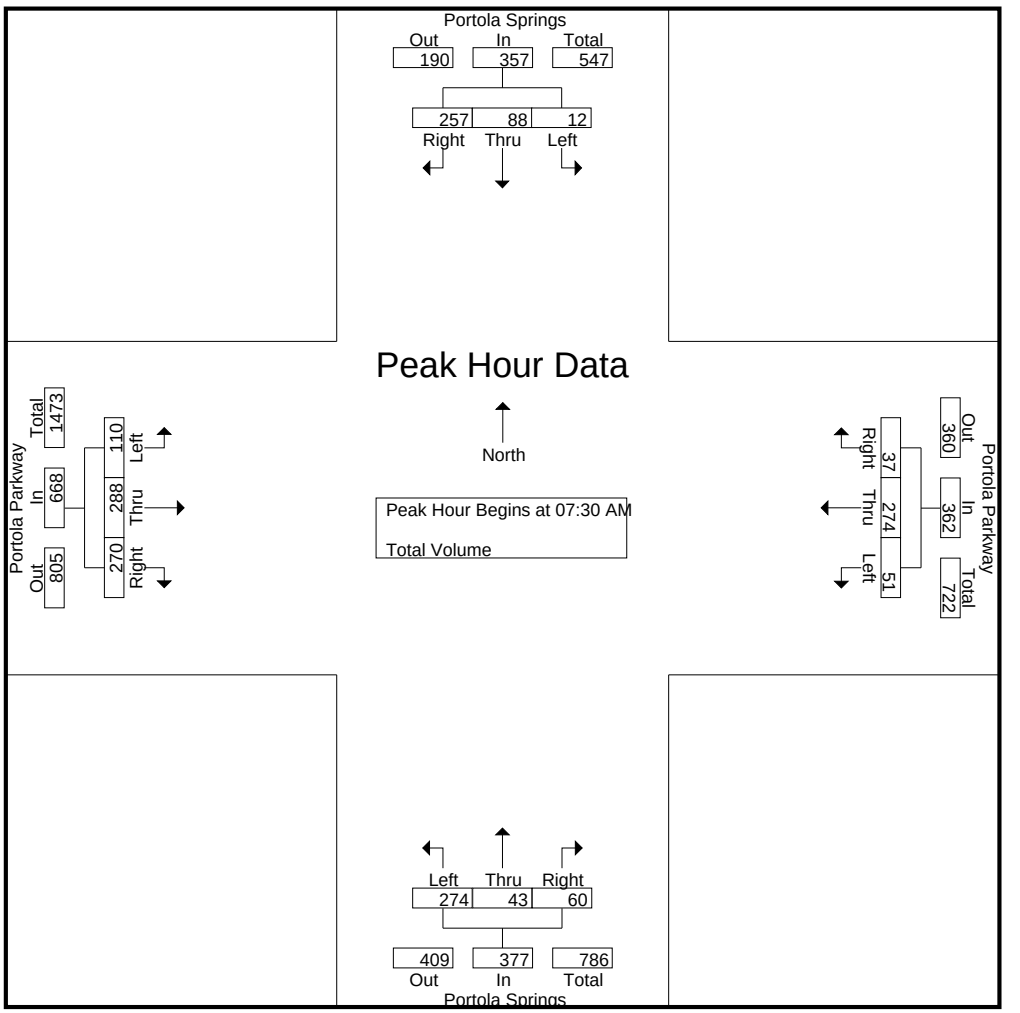

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	4	24	71	**99**	9	79	1	89	61	8	13	82	13	**83**	53	149
+15 mins.	4	18	**77**	99	5	44	0	49	**105**	**23**	**29**	**157**	18	81	**99**	**198**
+30 mins.	3	**33**	61	97	11	66	17	94	72	8	11	91	**46**	45	72	163
+45 mins.	**6**	20	64	90	**26**	**85**	**19**	**130**	23	20	13	56	33	79	46	158
Total Volume	17	95	273	385	51	274	37	362	261	59	66	386	110	288	270	668
% App. Total	4.4	24.7	70.9		14.1	75.7	10.2		67.6	15.3	17.1		16.5	43.1	40.4	
PHF	.708	.720	.886	.972	.490	.806	.487	.696	.621	.641	.569	.615	.598	.867	.682	.843

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City of Irvine
N/S: Portola Springs
E/W: Portola Parkway
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File Name : 571_IRV_Por Spr_Portola Tue PM
Site Code : 19224028
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Page No : 1

Groups Printed- Total Volume

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	2	11	38	51	7	48	0	55	45	15	7	67	43	45	27	115	288
04:15 PM	0	10	22	32	4	46	2	52	54	12	5	71	31	51	38	120	275
04:30 PM	0	5	33	38	3	51	1	55	42	5	11	58	44	86	37	167	318
04:45 PM	2	10	37	49	8	56	2	66	46	12	11	69	37	41	30	108	292
Total	4	36	130	170	22	201	5	228	187	44	34	265	155	223	132	510	1173
05:00 PM	1	13	41	55	14	45	5	64	65	16	6	87	56	70	31	157	363
05:15 PM	2	18	34	54	7	49	1	57	62	23	17	102	45	78	36	159	372
05:30 PM	3	16	39	58	18	79	5	102	51	14	6	71	56	74	52	182	413
05:45 PM	3	11	27	41	19	49	0	68	67	24	10	101	54	60	22	136	346
Total	9	58	141	208	58	222	11	291	245	77	39	361	211	282	141	634	1494
06:00 PM	1	10	27	38	7	60	1	68	43	17	5	65	44	34	18	96	267
06:15 PM	2	9	28	39	13	32	2	47	26	19	3	48	55	49	41	145	279
Grand Total	16	113	326	455	100	515	19	634	501	157	81	739	465	588	332	1385	3213
Apprch %	3.5	24.8	71.6		15.8	81.2	3		67.8	21.2	11		33.6	42.5	24		
Total %	0.5	3.5	10.1	14.2	3.1	16	0.6	19.7	15.6	4.9	2.5	23	14.5	18.3	10.3	43.1	

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	13	**41**	55	14	45	**5**	64	65	16	6	87	**56**	70	31	157	363
05:15 PM	2	**18**	34	54	7	49	1	57	62	23	**17**	**102**	45	**78**	36	159	372
05:30 PM	**3**	16	39	**58**	18	**79**	5	**102**	51	14	6	71	56	74	**52**	**182**	**413**
05:45 PM	3	11	27	41	**19**	49	0	68	**67**	**24**	10	101	54	60	22	136	346
Total Volume	9	58	141	208	58	222	11	291	245	77	39	361	211	282	141	634	1494
% App. Total	4.3	27.9	67.8		19.9	76.3	3.8		67.9	21.3	10.8		33.3	44.5	22.2		
PHF	.750	.806	.860	.897	.763	.703	.550	.713	.914	.802	.574	.885	.942	.904	.678	.871	.904

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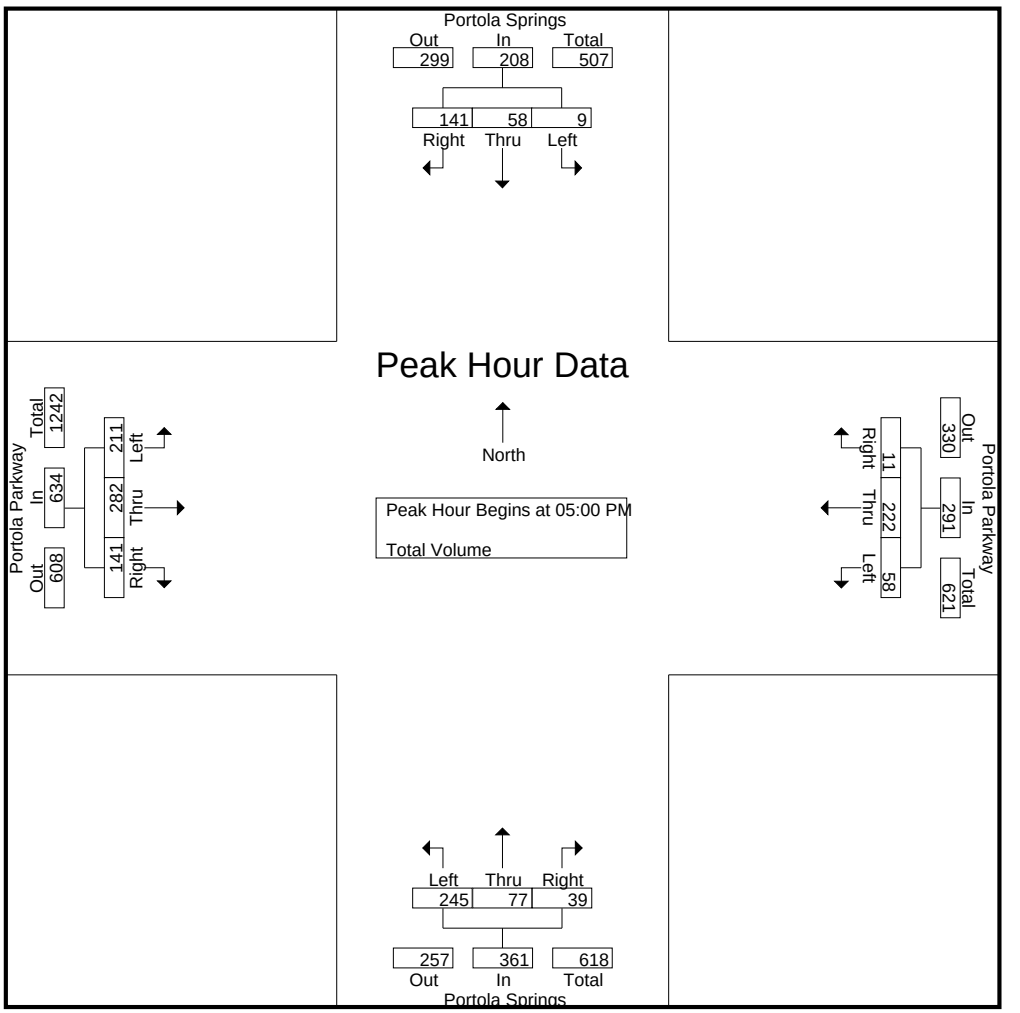
E/W: Portola Parkway
Weather: Clear

File Name : 571_IRV_Por Spr_Portola Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:15 PM				05:00 PM				05:00 PM			
+0 mins.	2	10	37	49	7	49	1	57	65	16	6	87	**56**	70	31	157
+15 mins.	1	13	**41**	55	18	**79**	**5**	**102**	62	23	**17**	**102**	45	**78**	36	159
+30 mins.	2	**18**	34	54	**19**	49	0	68	51	14	6	71	56	74	**52**	**182**
+45 mins.	**3**	16	39	**58**	7	60	1	68	**67**	**24**	10	101	54	60	22	136
Total Volume	8	57	151	216	51	237	7	295	245	77	39	361	211	282	141	634
% App. Total	3.7	26.4	69.9		17.3	80.3	2.4		67.9	21.3	10.8		33.3	44.5	22.2	
PHF	.667	.792	.921	.931	.671	.750	.350	.723	.914	.802	.574	.885	.942	.904	.678	.871

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City of Irvine
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File Name : 571_IRV_Por Spr_Portola Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	2	31	34	1	20	0	21	9	6	1	16	7	41	17	65	136
07:15 AM	3	8	34	45	5	50	0	55	17	1	9	27	3	37	33	73	200
07:30 AM	1	18	57	76	8	77	0	85	31	3	5	39	28	79	51	158	358
07:45 AM	3	20	64	87	5	54	0	59	53	13	11	77	17	72	102	191	414
Total	8	48	186	242	19	201	0	220	110	23	26	159	55	229	203	487	1108
08:00 AM	4	35	62	101	11	88	14	113	110	22	20	152	46	58	79	183	549
08:15 AM	6	25	80	111	15	80	16	111	94	21	25	140	24	66	37	127	489
08:30 AM	2	10	71	83	21	54	6	81	21	19	12	52	21	107	30	158	374
08:45 AM	3	11	45	59	8	53	1	62	26	2	8	36	33	55	24	112	269
Total	15	81	258	354	55	275	37	367	251	64	65	380	124	286	170	580	1681
Grand Total	23	129	444	596	74	476	37	587	361	87	91	539	179	515	373	1067	2789
Apprch %	3.9	21.6	74.5		12.6	81.1	6.3		67	16.1	16.9		16.8	48.3	35		
Total %	0.8	4.6	15.9	21.4	2.7	17.1	1.3	21	12.9	3.1	3.3	19.3	6.4	18.5	13.4	38.3	

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	20	64	87	5	54	0	59	53	13	11	77	17	72	**102**	**191**	414
08:00 AM	4	**35**	62	101	11	**88**	14	**113**	**110**	**22**	20	**152**	**46**	58	79	183	**549**
08:15 AM	**6**	25	**80**	**111**	15	80	**16**	111	94	21	**25**	140	24	66	37	127	489
08:30 AM	2	10	71	83	**21**	54	6	81	21	19	12	52	21	**107**	30	158	374
Total Volume	15	90	277	382	52	276	36	364	278	75	68	421	108	303	248	659	1826
% App. Total	3.9	23.6	72.5		14.3	75.8	9.9		66	17.8	16.2		16.4	46	37.6		
PHF	.625	.643	.866	.860	.619	.784	.563	.805	.632	.852	.680	.692	.587	.708	.608	.863	.832

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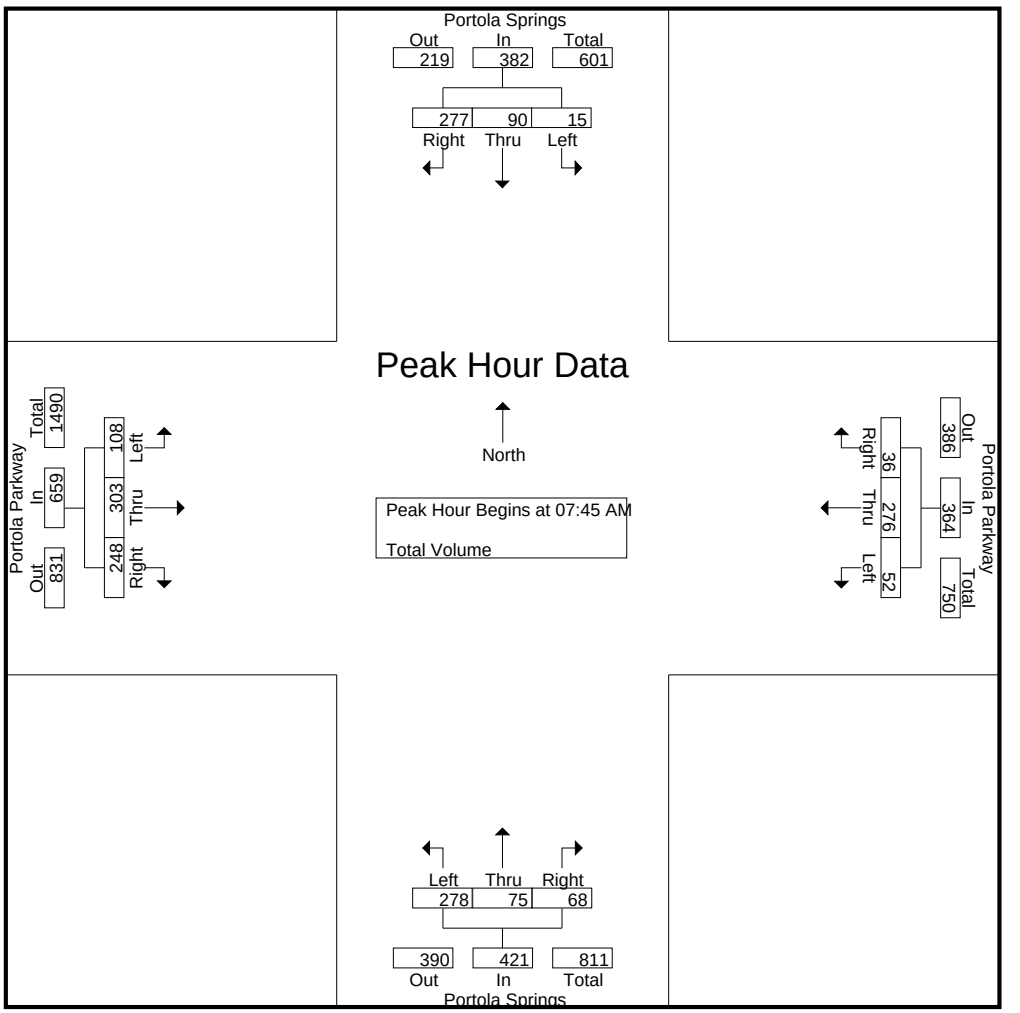
File Name : 571_IRV_Por Spr_Portola Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:30 AM			
+0 mins.	3	20	64	87	8	77	0	85	53	13	11	77	28	**79**	51	158
+15 mins.	4	**35**	62	101	5	54	0	59	**110**	**22**	20	**152**	17	72	**102**	**191**
+30 mins.	**6**	25	**80**	**111**	11	**88**	14	**113**	94	21	**25**	140	**46**	58	79	183
+45 mins.	2	10	71	83	**15**	80	**16**	111	21	19	12	52	24	66	37	127
Total Volume	15	90	277	382	39	299	30	368	278	75	68	421	115	275	269	659
% App. Total	3.9	23.6	72.5		10.6	81.2	8.2		66	17.8	16.2		17.5	41.8	40.8	
PHF	.625	.643	.866	.860	.650	.849	.469	.814	.632	.852	.680	.692	.625	.870	.659	.863

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City of Irvine
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E/W: Portola Parkway
Weather: Clear

File Name : 571_IRV_Por Spr_Portola Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	9	29	39	8	43	0	51	45	13	8	66	36	49	35	120	276
04:15 PM	2	10	29	41	9	42	1	52	53	9	7	69	40	59	33	132	294
04:30 PM	2	15	31	48	10	49	3	62	44	9	5	58	45	52	41	138	306
04:45 PM	1	18	30	49	10	55	0	65	53	13	28	94	41	83	39	163	371
Total	6	52	119	177	37	189	4	230	195	44	48	287	162	243	148	553	1247
05:00 PM	1	8	34	43	14	74	1	89	40	11	12	63	51	70	45	166	361
05:15 PM	1	10	48	59	18	74	1	93	69	18	10	97	38	77	41	156	405
05:30 PM	1	10	34	45	12	50	3	65	63	20	21	104	47	67	36	150	364
05:45 PM	2	5	30	37	11	59	2	72	45	12	8	65	44	46	45	135	309
Total	5	33	146	184	55	257	7	319	217	61	51	329	180	260	167	607	1439
06:00 PM	2	11	22	35	14	54	1	69	32	15	4	51	65	50	29	144	299
06:15 PM	1	10	26	37	8	40	2	50	32	14	6	52	49	52	30	131	270
Grand Total	14	106	313	433	114	540	14	668	476	134	109	719	456	605	374	1435	3255
Apprch %	3.2	24.5	72.3		17.1	80.8	2.1		66.2	18.6	15.2		31.8	42.2	26.1		
Total %	0.4	3.3	9.6	13.3	3.5	16.6	0.4	20.5	14.6	4.1	3.3	22.1	14	18.6	11.5	44.1	

	Portola Springs Southbound				Portola Parkway Westbound				Portola Springs Northbound				Portola Parkway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**1**	**18**	30	49	10	55	0	65	53	13	**28**	94	41	**83**	39	163	371
05:00 PM	1	8	34	43	14	**74**	1	89	40	11	12	63	**51**	70	**45**	**166**	361
05:15 PM	1	10	**48**	**59**	**18**	74	1	**93**	**69**	18	10	97	38	77	41	156	**405**
05:30 PM	1	10	34	45	12	50	**3**	65	63	**20**	21	**104**	47	67	36	150	364
Total Volume	4	46	146	196	54	253	5	312	225	62	71	358	177	297	161	635	1501
% App. Total	2	23.5	74.5		17.3	81.1	1.6		62.8	17.3	19.8		27.9	46.8	25.4		
PHF	1.00	.639	.760	.831	.750	.855	.417	.839	.815	.775	.634	.861	.868	.895	.894	.956	.927

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Weather: Clear

File Name : 571_IRV_Por Spr_Portola Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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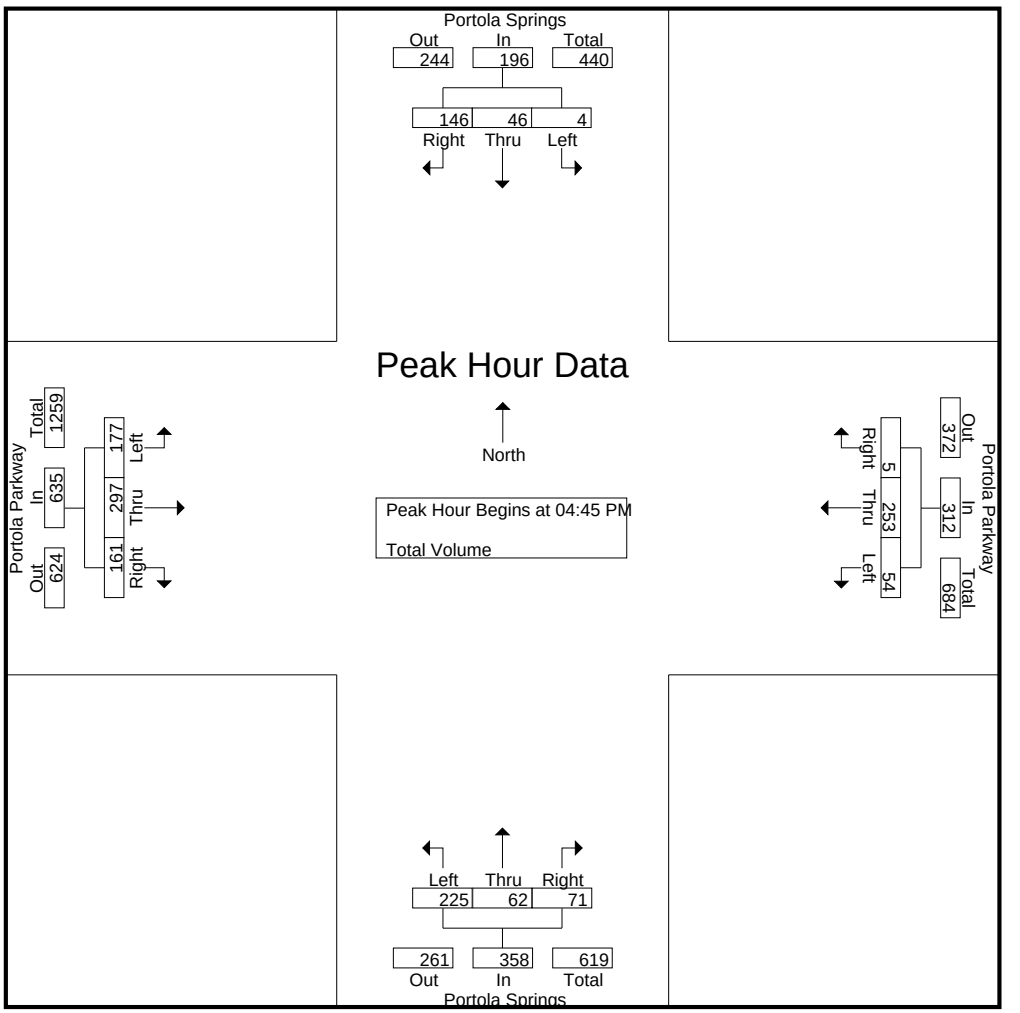

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:45 PM				04:45 PM			
+0 mins.	**2**	15	31	48	14	**74**	1	89	53	13	**28**	94	41	**83**	39	163
+15 mins.	1	**18**	30	49	**18**	74	1	**93**	40	11	12	63	**51**	70	**45**	**166**
+30 mins.	1	8	34	43	12	50	**3**	65	**69**	18	10	97	38	77	41	156
+45 mins.	1	10	**48**	**59**	11	59	2	72	63	**20**	21	**104**	47	67	36	150
Total Volume	5	51	143	199	55	257	7	319	225	62	71	358	177	297	161	635
% App. Total	2.5	25.6	71.9		17.2	80.6	2.2		62.8	17.3	19.8		27.9	46.8	25.4	
PHF	.625	.708	.745	.843	.764	.868	.583	.858	.815	.775	.634	.861	.868	.895	.894	.956

Location: Irvine
N/S: Portola Springs
E/W: Portola Parkway

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Portola Springs Pedestrians	East Leg Portola Parkway Pedestrians	South Leg Portola Springs Pedestrians	West Leg Portola Parkway Pedestrians	
7:00 AM	0	2	1	0	3
7:15 AM	0	0	0	1	1
7:30 AM	1	0	3	3	7
7:45 AM	0	6	8	1	15
8:00 AM	0	1	8	6	15
8:15 AM	0	4	4	6	14
8:30 AM	0	3	1	4	8
8:45 AM	0	2	3	2	7
TOTAL VOLUMES:	1	18	28	23	70

	North Leg Portola Springs Pedestrians	East Leg Portola Parkway Pedestrians	South Leg Portola Springs Pedestrians	West Leg Portola Parkway Pedestrians	
4:00 PM	2	5	0	4	11
4:15 PM	6	11	4	2	23
4:30 PM	1	0	4	4	9
4:45 PM	4	0	3	8	15
5:00 PM	0	1	2	1	4
5:15 PM	0	3	2	3	8
5:30 PM	0	0	2	3	5
5:45 PM	0	0	2	0	2
6:00 PM	0	0	3	4	7
6:15 PM	0	4	4	0	8
TOTAL VOLUMES:	13	24	26	29	92

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Location: Irvine
N/S: Portola Springs
E/W: Portola Parkway

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Portola Springs			Westbound Portola Parkway			Northbound Portola Springs			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	1	0	0	0	1	0	0	0	0	0	2
7:45 AM	0	0	1	0	0	1	0	0	0	0	2	0	4
8:00 AM	0	0	0	0	3	1	0	0	0	0	0	0	4
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	2	0	4	2	1	0	0	0	4	0	14

	Southbound Portola Springs			Westbound Portola Parkway			Northbound Portola Springs			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	1	1	1	0	0	2	0	5
4:15 PM	0	0	0	1	0	0	0	0	2	1	3	1	8
4:30 PM	0	0	0	1	0	0	0	0	2	0	1	2	6
4:45 PM	0	0	0	2	1	2	1	0	0	0	2	3	11
5:00 PM	0	0	1	0	0	1	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	3	1	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	1	4	1	4	5	2	4	1	11	6	40

Location: Irvine
N/S: Portola Springs
E/W: Portola Parkway

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Portola Springs	East Leg Portola Parkway	South Leg Portola Springs	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	2	1	0	3
7:15 AM	0	1	1	1	3
7:30 AM	0	0	1	3	4
7:45 AM	0	1	4	3	8
8:00 AM	0	1	4	6	11
8:15 AM	7	3	4	7	21
8:30 AM	1	1	0	0	2
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	8	9	15	21	53

	North Leg Portola Springs	East Leg Portola Parkway	South Leg Portola Springs	West Leg Portola Parkway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	3	5
4:15 PM	0	2	4	11	17
4:30 PM	2	3	4	5	14
4:45 PM	2	1	8	2	13
5:00 PM	0	1	0	3	4
5:15 PM	0	3	2	1	6
5:30 PM	0	1	1	0	2
5:45 PM	1	6	1	0	8
6:00 PM	0	0	0	4	4
6:15 PM	0	1	0	2	3
TOTAL VOLUMES:	5	18	22	31	76

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Location: Irvine
N/S: Portola Springs
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Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Portola Springs			Westbound Portola Parkway			Northbound Portola Springs			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:15 AM	0	0	2	0	0	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	1	4	1	1	0	0	0	0	0	2	0	9

	Southbound Portola Springs			Westbound Portola Parkway			Northbound Portola Springs			Eastbound Portola Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	2
4:30 PM	0	1	0	0	0	0	0	1	0	0	1	0	3
4:45 PM	0	0	0	0	1	0	0	1	0	0	2	0	4
5:00 PM	0	0	0	2	1	0	0	0	0	0	0	0	3
5:15 PM	0	0	0	0	2	0	0	0	0	0	1	0	3
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	7	8
TOTAL VOLUMES:	0	1	0	2	4	0	0	2	0	1	5	8	23

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City of Irvine
N/S: Modjeska
E/W: Irvine Boulevard
Weather: Clear

File Name : 572_IRV_Modj_Irv B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	34	0	63	97	2	80	29	111	5	1	0	6	28	118	2	148	362
07:15 AM	56	1	90	147	1	166	25	192	6	4	2	12	28	163	2	193	544
07:30 AM	70	7	115	192	0	167	28	195	6	2	2	10	42	190	3	235	632
07:45 AM	115	8	139	262	6	195	38	239	6	4	6	16	36	251	5	292	809
Total	275	16	407	698	9	608	120	737	23	11	10	44	134	722	12	868	2347
08:00 AM	131	12	120	263	1	198	66	265	11	4	15	30	20	261	8	289	847
08:15 AM	148	8	88	244	6	210	63	279	13	10	25	48	49	331	9	389	960
08:30 AM	141	3	95	239	9	260	86	355	9	11	15	35	53	307	6	366	995
08:45 AM	80	2	82	164	10	193	52	255	9	0	10	19	39	220	4	263	701
Total	500	25	385	910	26	861	267	1154	42	25	65	132	161	1119	27	1307	3503
Grand Total	775	41	792	1608	35	1469	387	1891	65	36	75	176	295	1841	39	2175	5850
Apprch %	48.2	2.5	49.3		1.9	77.7	20.5		36.9	20.5	42.6		13.6	84.6	1.8		
Total %	13.2	0.7	13.5	27.5	0.6	25.1	6.6	32.3	1.1	0.6	1.3	3	5	31.5	0.7	37.2	

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	115	8	**139**	262	6	195	38	239	6	4	6	16	36	251	5	292	809
08:00 AM	131	**12**	120	**263**	1	198	66	265	11	4	15	30	20	261	8	289	847
08:15 AM	**148**	8	88	244	6	210	63	279	**13**	10	**25**	**48**	49	**331**	**9**	**389**	960
08:30 AM	141	3	95	239	**9**	**260**	**86**	**355**	9	**11**	15	35	**53**	307	6	366	**995**
Total Volume	535	31	442	1008	22	863	253	1138	39	29	61	129	158	1150	28	1336	3611
% App. Total	53.1	3.1	43.8		1.9	75.8	22.2		30.2	22.5	47.3		11.8	86.1	2.1		
PHF	.904	.646	.795	.958	.611	.830	.735	.801	.750	.659	.610	.672	.745	.869	.778	.859	.907

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Site Code : 19224028
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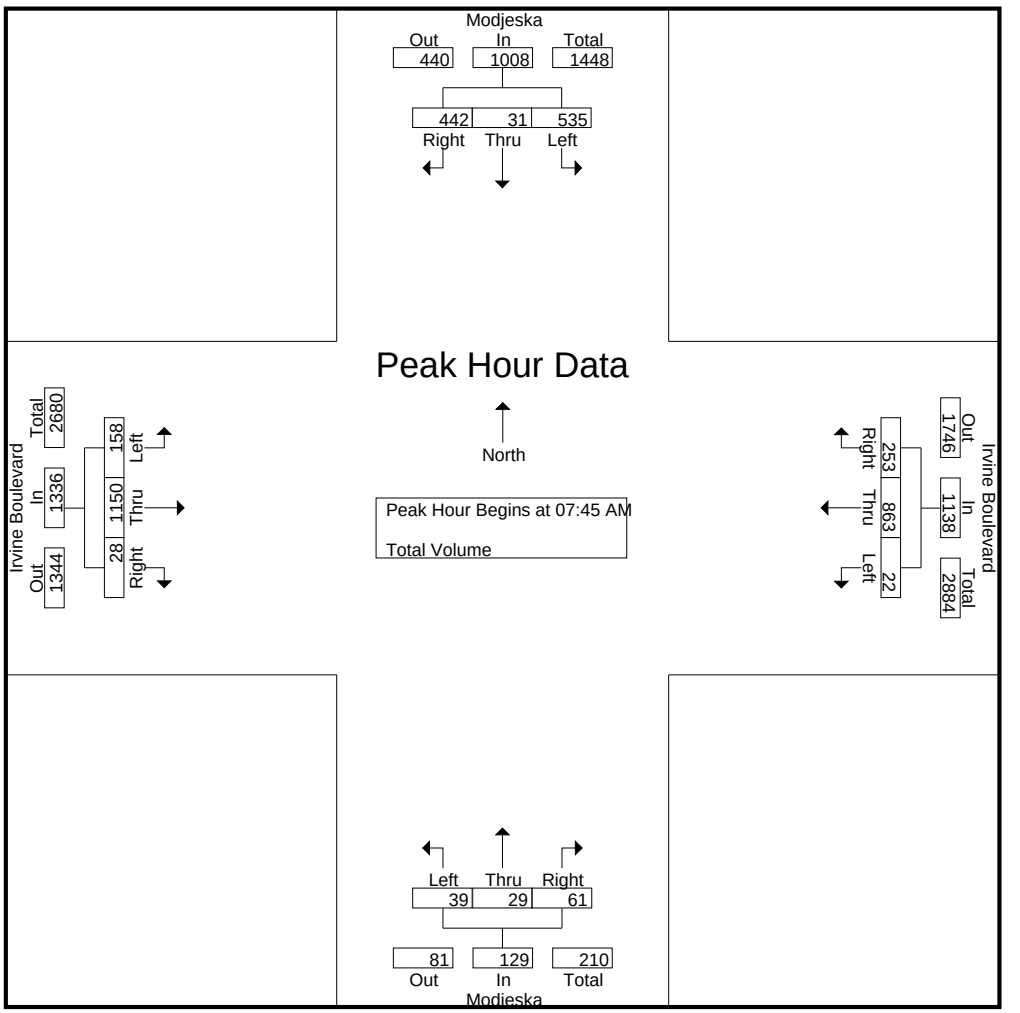

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				08:00 AM				07:45 AM			
+0 mins.	115	8	**139**	262	1	198	66	265	11	4	15	30	36	251	5	292
+15 mins.	131	**12**	120	**263**	6	210	63	279	**13**	10	**25**	**48**	20	261	8	289
+30 mins.	**148**	8	88	244	9	**260**	**86**	**355**	9	**11**	15	35	49	**331**	**9**	**389**
+45 mins.	141	3	95	239	**10**	193	52	255	9	0	10	19	**53**	307	6	366
Total Volume	535	31	442	1008	26	861	267	1154	42	25	65	132	158	1150	28	1336
% App. Total	53.1	3.1	43.8		2.3	74.6	23.1		31.8	18.9	49.2		11.8	86.1	2.1	
PHF	.904	.646	.795	.958	.650	.828	.776	.813	.808	.568	.650	.688	.745	.869	.778	.859

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Groups Printed- Total Volume

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	47	6	53	106	8	272	80	360	12	8	6	26	54	171	5	230	722
04:15 PM	47	6	67	120	12	307	88	407	10	6	6	22	62	170	9	241	790
04:30 PM	54	6	54	114	8	251	83	342	5	4	8	17	71	200	7	278	751
04:45 PM	66	6	48	120	9	270	98	377	3	7	3	13	91	190	9	290	800
Total	214	24	222	460	37	1100	349	1486	30	25	23	78	278	731	30	1039	3063
05:00 PM	47	5	57	109	11	280	103	394	10	10	12	32	117	217	4	338	873
05:15 PM	53	1	64	118	9	361	126	496	9	6	5	20	103	210	9	322	956
05:30 PM	72	4	43	119	8	250	121	379	11	6	9	26	94	187	11	292	816
05:45 PM	67	7	48	122	12	266	122	400	7	10	6	23	100	194	17	311	856
Total	239	17	212	468	40	1157	472	1669	37	32	32	101	414	808	41	1263	3501
06:00 PM	36	5	47	88	10	212	101	323	6	9	8	23	106	190	12	308	742
06:15 PM	57	4	55	116	8	182	85	275	6	10	4	20	85	188	9	282	693
Grand Total	546	50	536	1132	95	2651	1007	3753	79	76	67	222	883	1917	92	2892	7999
Apprch %	48.2	4.4	47.3		2.5	70.6	26.8		35.6	34.2	30.2		30.5	66.3	3.2		
Total %	6.8	0.6	6.7	14.2	1.2	33.1	12.6	46.9	1	1	0.8	2.8	11	24	1.2	36.2	

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	47	5	57	109	11	280	103	394	10	**10**	**12**	**32**	**117**	**217**	4	**338**	873
05:15 PM	53	1	**64**	118	9	**361**	**126**	**496**	9	6	5	20	103	210	9	322	**956**
05:30 PM	**72**	4	43	119	8	250	121	379	**11**	6	9	26	94	187	11	292	816
05:45 PM	67	**7**	48	**122**	**12**	266	122	400	7	10	6	23	100	194	**17**	311	856
Total Volume	239	17	212	468	40	1157	472	1669	37	32	32	101	414	808	41	1263	3501
% App. Total	51.1	3.6	45.3		2.4	69.3	28.3		36.6	31.7	31.7		32.8	64	3.2		
PHF	.830	.607	.828	.959	.833	.801	.937	.841	.841	.800	.667	.789	.885	.931	.603	.934	.916

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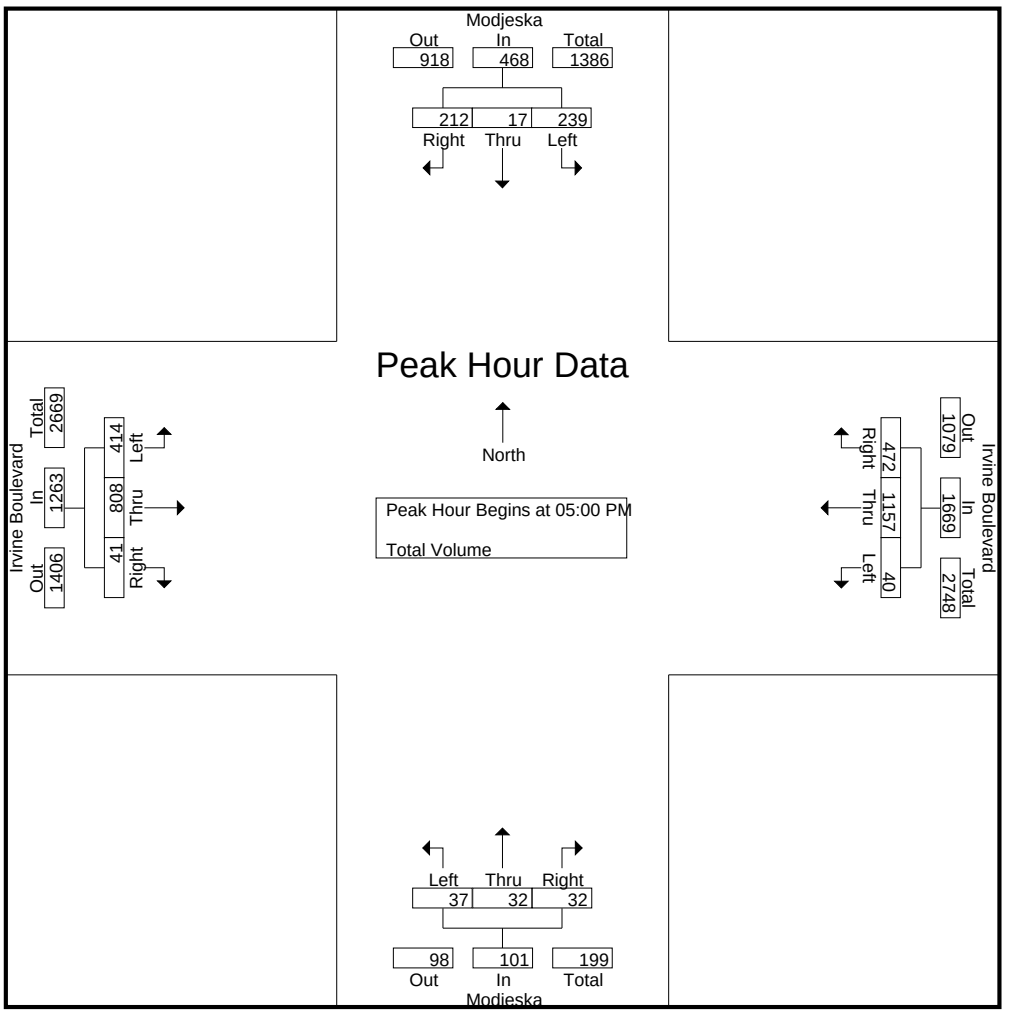

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	47	5	57	109	11	280	103	394	10	**10**	**12**	**32**	**117**	**217**	4	**338**
+15 mins.	53	1	**64**	118	9	**361**	**126**	**496**	9	6	5	20	103	210	9	322
+30 mins.	**72**	4	43	119	8	250	121	379	**11**	6	9	26	94	187	11	292
+45 mins.	67	**7**	48	**122**	**12**	266	122	400	7	10	6	23	100	194	**17**	311
Total Volume	239	17	212	468	40	1157	472	1669	37	32	32	101	414	808	41	1263
% App. Total	51.1	3.6	45.3		2.4	69.3	28.3		36.6	31.7	31.7		32.8	64	3.2	
PHF	.830	.607	.828	.959	.833	.801	.937	.841	.841	.800	.667	.789	.885	.931	.603	.934

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City of Irvine
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File Name : 572_IRV_Modj_Irv B Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	28	3	59	90	3	93	30	126	4	1	0	5	29	128	2	159	380
07:15 AM	51	4	79	134	2	139	27	168	6	2	4	12	33	147	2	182	496
07:30 AM	74	7	91	172	2	179	26	207	15	4	5	24	32	208	8	248	651
07:45 AM	114	3	114	231	2	211	49	262	10	3	9	22	49	283	9	341	856
Total	267	17	343	627	9	622	132	763	35	10	18	63	143	766	21	930	2383
08:00 AM	151	9	107	267	3	209	72	284	9	8	20	37	17	346	12	375	963
08:15 AM	169	11	112	292	12	221	79	312	19	15	26	60	36	324	7	367	1031
08:30 AM	81	8	108	197	16	284	91	391	7	7	12	26	50	245	7	302	916
08:45 AM	72	1	87	160	6	145	25	176	7	6	7	20	66	218	3	287	643
Total	473	29	414	916	37	859	267	1163	42	36	65	143	169	1133	29	1331	3553
Grand Total	740	46	757	1543	46	1481	399	1926	77	46	83	206	312	1899	50	2261	5936
Apprch %	48	3	49.1		2.4	76.9	20.7		37.4	22.3	40.3		13.8	84	2.2		
Total %	12.5	0.8	12.8	26	0.8	24.9	6.7	32.4	1.3	0.8	1.4	3.5	5.3	32	0.8	38.1	

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	114	3	**114**	231	2	211	49	262	10	3	9	22	49	283	9	341	856
08:00 AM	151	9	107	267	3	209	72	284	9	8	20	37	17	**346**	**12**	**375**	963
08:15 AM	**169**	**11**	112	**292**	12	221	79	312	**19**	**15**	**26**	**60**	36	324	7	367	**1031**
08:30 AM	81	8	108	197	**16**	**284**	**91**	**391**	7	7	12	26	**50**	245	7	302	916
Total Volume	515	31	441	987	33	925	291	1249	45	33	67	145	152	1198	35	1385	3766
% App. Total	52.2	3.1	44.7		2.6	74.1	23.3		31	22.8	46.2		11	86.5	2.5		
PHF	.762	.705	.967	.845	.516	.814	.799	.799	.592	.550	.644	.604	.760	.866	.729	.923	.913

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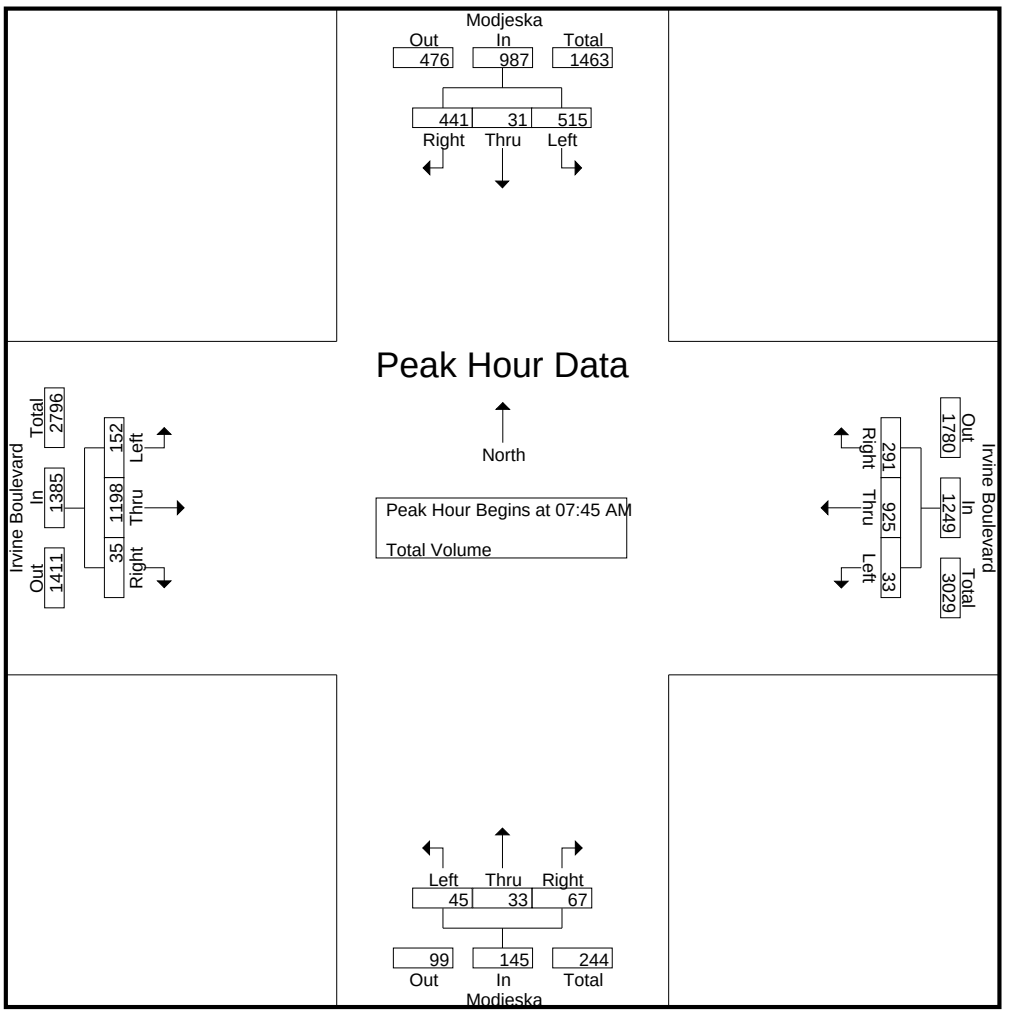

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	114	3	**114**	231	2	211	49	262	10	3	9	22	49	283	9	341
+15 mins.	151	9	107	267	3	209	72	284	9	8	20	37	17	**346**	**12**	**375**
+30 mins.	**169**	**11**	112	**292**	12	221	79	312	**19**	**15**	**26**	**60**	36	324	7	367
+45 mins.	81	8	108	197	**16**	**284**	**91**	**391**	7	7	12	26	**50**	245	7	302
Total Volume	515	31	441	987	33	925	291	1249	45	33	67	145	152	1198	35	1385
% App. Total	52.2	3.1	44.7		2.6	74.1	23.3		31	22.8	46.2		11	86.5	2.5	
PHF	.762	.705	.967	.845	.516	.814	.799	.799	.592	.550	.644	.604	.760	.866	.729	.923

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File Name : 572_IRV_Modj_Irv B Thu PM
Site Code : 19224028
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Groups Printed- Total Volume

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	54	6	74	134	8	312	91	411	12	7	4	23	73	168	13	254	822
04:15 PM	74	3	57	134	6	297	87	390	8	2	5	15	75	173	14	262	801
04:30 PM	84	4	60	148	7	266	89	362	9	6	6	21	76	174	4	254	785
04:45 PM	57	2	60	119	12	322	113	447	12	4	8	24	79	209	6	294	884
Total	269	15	251	535	33	1197	380	1610	41	19	23	83	303	724	37	1064	3292
05:00 PM	60	8	75	143	13	294	87	394	6	5	10	21	84	228	10	322	880
05:15 PM	86	8	67	161	13	304	113	430	6	5	4	15	101	222	9	332	938
05:30 PM	66	10	46	122	17	294	128	439	10	7	4	21	89	227	10	326	908
05:45 PM	45	6	55	106	5	226	116	347	9	5	6	20	103	183	7	293	766
Total	257	32	243	532	48	1118	444	1610	31	22	24	77	377	860	36	1273	3492
06:00 PM	69	2	58	129	10	209	88	307	10	9	7	26	95	174	10	279	741
06:15 PM	43	2	62	107	8	178	71	257	4	9	4	17	99	176	16	291	672
Grand Total	638	51	614	1303	99	2702	983	3784	86	59	58	203	874	1934	99	2907	8197
Apprch %	49	3.9	47.1		2.6	71.4	26		42.4	29.1	28.6		30.1	66.5	3.4		
Total %	7.8	0.6	7.5	15.9	1.2	33	12	46.2	1	0.7	0.7	2.5	10.7	23.6	1.2	35.5	

	Modjeska Southbound				Irvine Boulevard Westbound				Modjeska Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	57	2	60	119	12	**322**	113	**447**	**12**	4	8	**24**	79	209	6	294	884
05:00 PM	60	8	**75**	143	13	294	87	394	6	5	**10**	21	84	**228**	**10**	322	880
05:15 PM	**86**	8	67	**161**	13	304	113	430	6	5	4	15	**101**	222	9	**332**	**938**
05:30 PM	66	**10**	46	122	**17**	294	**128**	439	10	**7**	4	21	89	227	10	326	908
Total Volume	269	28	248	545	55	1214	441	1710	34	21	26	81	353	886	35	1274	3610
% App. Total	49.4	5.1	45.5		3.2	71	25.8		42	25.9	32.1		27.7	69.5	2.7		
PHF	.782	.700	.827	.846	.809	.943	.861	.956	.708	.750	.650	.844	.874	.971	.875	.959	.962

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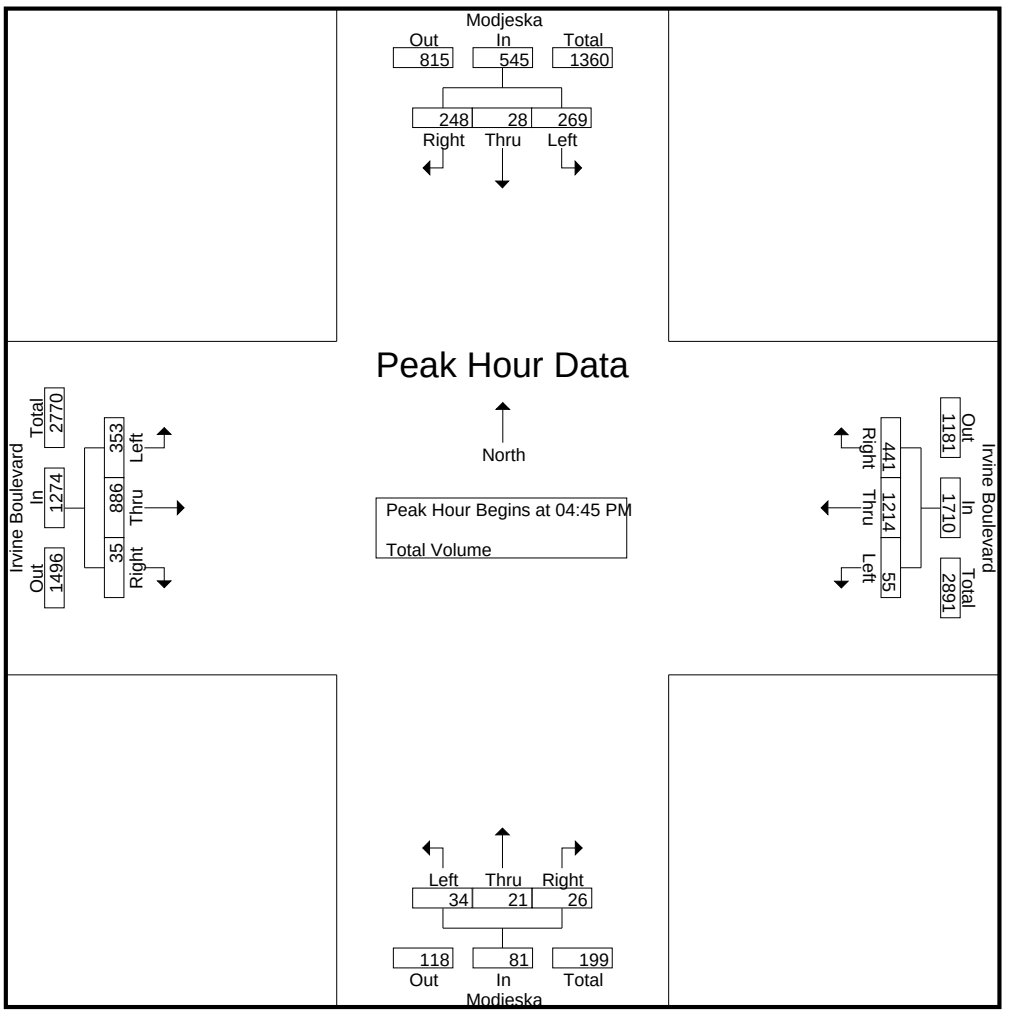

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:45 PM				05:30 PM				04:45 PM			
+0 mins.	84	4	60	148	12	**322**	113	**447**	**10**	7	4	21	79	209	6	294
+15 mins.	57	2	60	119	13	294	87	394	9	5	6	20	84	**228**	**10**	322
+30 mins.	60	**8**	**75**	143	13	304	113	430	10	**9**	**7**	**26**	**101**	222	9	**332**
+45 mins.	**86**	8	67	**161**	**17**	294	**128**	439	4	9	4	17	89	227	10	326
Total Volume	287	22	262	571	55	1214	441	1710	33	30	21	84	353	886	35	1274
% App. Total	50.3	3.9	45.9		3.2	71	25.8		39.3	35.7	25		27.7	69.5	2.7	
PHF	.834	.688	.873	.887	.809	.943	.861	.956	.825	.833	.750	.808	.874	.971	.875	.959

Location: Irvine
N/S: Modjeska
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Modjeska	East Leg Irvine Boulevard	South Leg Modjeska	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	3	2	0	5
7:15 AM	0	0	0	0	0
7:30 AM	1	1	0	0	2
7:45 AM	1	10	6	0	17
8:00 AM	0	4	6	1	11
8:15 AM	2	17	16	0	35
8:30 AM	2	9	25	0	36
8:45 AM	1	1	2	0	4
TOTAL VOLUMES:	7	45	57	1	110

	North Leg Modjeska	East Leg Irvine Boulevard	South Leg Modjeska	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	7	3	0	10
4:15 PM	1	3	1	0	5
4:30 PM	0	4	2	0	6
4:45 PM	1	7	4	0	12
5:00 PM	0	8	8	0	16
5:15 PM	3	3	3	0	9
5:30 PM	0	2	1	0	3
5:45 PM	0	1	1	0	2
6:00 PM	0	2	0	0	2
6:15 PM	0	5	1	0	6
TOTAL VOLUMES:	5	42	24	0	71

Location: Irvine
N/S: Modjeska
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Modjeska			Westbound Irvine Boulevard			Northbound Modjeska			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	1	1	0	0	0	0	1	0	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:15 AM	1	0	0	0	0	0	0	0	0	0	5	0	6
8:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	1	0	0	0	2	1	0	0	0	0	11	0	15

	Southbound Modjeska			Westbound Irvine Boulevard			Northbound Modjeska			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	2	1	0	0	0	0	0	0	3
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	1	1	0	0	0	0	0	0	0	0	1	0	3
4:45 PM	3	5	0	0	1	4	0	1	0	0	0	0	14
5:00 PM	0	0	0	0	1	3	0	1	0	0	0	0	5
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	4	6	0	0	7	8	0	3	0	0	1	0	29

Location: Irvine
N/S: Modjeska
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Modjeska	East Leg Irvine Boulevard	South Leg Modjeska	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	2	1	5
7:15 AM	1	2	1	0	4
7:30 AM	1	1	1	0	3
7:45 AM	0	1	3	0	4
8:00 AM	2	11	11	1	25
8:15 AM	3	16	22	0	41
8:30 AM	0	1	4	0	5
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	8	33	45	2	88

	North Leg Modjeska	East Leg Irvine Boulevard	South Leg Modjeska	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	2	1	0	4
4:15 PM	1	3	3	1	8
4:30 PM	0	6	3	0	9
4:45 PM	0	9	5	0	14
5:00 PM	1	6	3	0	10
5:15 PM	2	2	2	1	7
5:30 PM	1	0	2	0	3
5:45 PM	1	4	0	0	5
6:00 PM	1	1	0	0	2
6:15 PM	1	0	1	0	2
TOTAL VOLUMES:	9	33	20	2	64

Location: Irvine
N/S: Modjeska
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Modjeska			Westbound Irvine Boulevard			Northbound Modjeska			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	1	0	0	0	0	0	7	0	8
8:15 AM	0	0	0	0	0	0	0	0	0	0	4	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	0	12	0	14

	Southbound Modjeska			Westbound Irvine Boulevard			Northbound Modjeska			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	1	0	0	2	0	0	0	0	0	1	0	4
4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	1	1	0	0	0	0	1	0	3
5:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	3
6:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
6:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	8	5	0	1	0	1	3	0	19

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City of Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard
Weather: Clear

File Name : 579_IRV_Merit_Irvine B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	1	3	10	15	88	2	105	8	1	6	15	1	129	13	143	273
07:15 AM	19	0	2	21	12	142	0	154	9	1	15	25	2	210	9	221	421
07:30 AM	19	1	1	21	20	179	5	204	0	2	27	29	2	238	14	254	508
07:45 AM	51	22	3	76	23	173	20	216	10	1	34	45	1	303	46	350	687
Total	95	24	9	128	70	582	27	679	27	5	82	114	6	880	82	968	1889
08:00 AM	31	12	3	46	19	164	29	212	26	15	42	83	1	266	58	325	666
08:15 AM	18	8	1	27	23	109	13	145	27	4	38	69	2	266	149	417	658
08:30 AM	16	34	3	53	39	163	23	225	58	8	56	122	1	301	163	465	865
08:45 AM	21	3	2	26	22	136	6	164	15	6	55	76	1	301	17	319	585
Total	86	57	9	152	103	572	71	746	126	33	191	350	5	1134	387	1526	2774
Grand Total	181	81	18	280	173	1154	98	1425	153	38	273	464	11	2014	469	2494	4663
Apprch %	64.6	28.9	6.4		12.1	81	6.9		33	8.2	58.8		0.4	80.8	18.8		
Total %	3.9	1.7	0.4	6	3.7	24.7	2.1	30.6	3.3	0.8	5.9	10	0.2	43.2	10.1	53.5	

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**51**	22	**3**	**76**	23	**173**	20	216	10	1	34	45	1	**303**	46	350	687
08:00 AM	31	12	3	46	19	164	**29**	212	26	**15**	42	83	1	266	58	325	666
08:15 AM	18	8	1	27	23	109	13	145	27	4	38	69	**2**	266	149	417	658
08:30 AM	16	**34**	3	53	**39**	163	23	**225**	**58**	8	**56**	**122**	1	301	**163**	**465**	**865**
Total Volume	116	76	10	202	104	609	85	798	121	28	170	319	5	1136	416	1557	2876
% App. Total	57.4	37.6	5		13	76.3	10.7		37.9	8.8	53.3		0.3	73	26.7		
PHF	.569	.559	.833	.664	.667	.880	.733	.887	.522	.467	.759	.654	.625	.937	.638	.837	.831

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City of Irvine
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File Name : 579_IRV_Merit_Irvine B Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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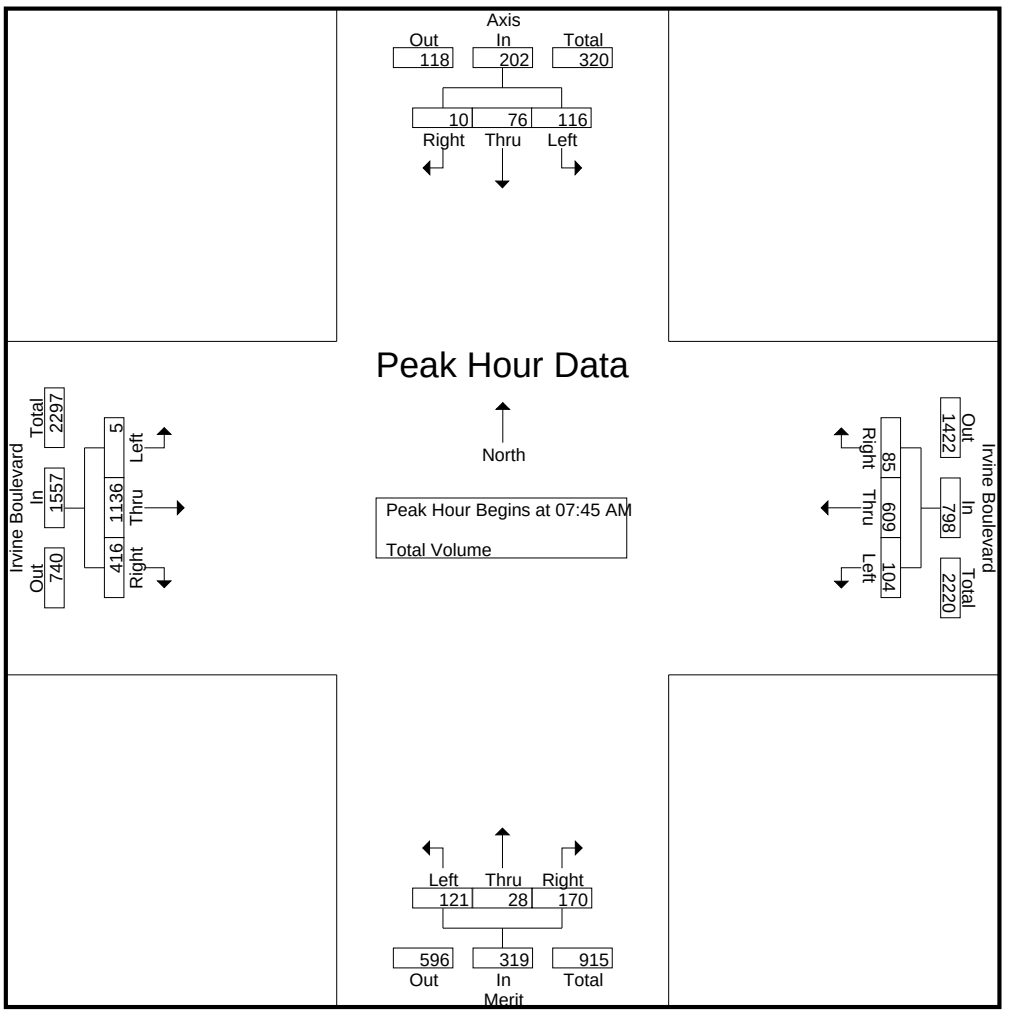

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	**51**	22	**3**	**76**	23	**173**	20	216	26	**15**	42	83	1	**303**	46	350
+15 mins.	31	12	3	46	19	164	**29**	212	27	4	38	69	1	266	58	325
+30 mins.	18	8	1	27	23	109	13	145	**58**	8	**56**	**122**	**2**	266	149	417
+45 mins.	16	**34**	3	53	**39**	163	23	**225**	15	6	55	76	1	301	**163**	**465**
Total Volume	116	76	10	202	104	609	85	798	126	33	191	350	5	1136	416	1557
% App. Total	57.4	37.6	5		13	76.3	10.7		36	9.4	54.6		0.3	73	26.7	
PHF	.569	.559	.833	.664	.667	.880	.733	.887	.543	.550	.853	.717	.625	.937	.638	.837

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City of Irvine
N/S: Merit/Axis
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Weather: Clear

File Name : 579_IRV_Merit_Irvine B Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	2	5	12	35	361	14	410	30	0	43	73	2	200	25	227	722
04:15 PM	10	1	2	13	19	305	11	335	15	2	15	32	0	189	32	221	601
04:30 PM	12	2	0	14	21	344	8	373	31	3	28	62	1	233	31	265	714
04:45 PM	13	3	2	18	14	318	9	341	38	5	31	74	1	211	31	243	676
Total	40	8	9	57	89	1328	42	1459	114	10	117	241	4	833	119	956	2713
05:00 PM	7	3	1	11	34	415	9	458	17	2	23	42	0	205	28	233	744
05:15 PM	9	3	2	14	28	399	21	448	20	3	26	49	2	220	36	258	769
05:30 PM	3	4	4	11	22	356	21	399	34	5	31	70	1	170	34	205	685
05:45 PM	8	3	1	12	28	341	18	387	20	4	15	39	2	245	21	268	706
Total	27	13	8	48	112	1511	69	1692	91	14	95	200	5	840	119	964	2904
06:00 PM	8	1	0	9	21	302	17	340	16	1	18	35	0	202	17	219	603
06:15 PM	5	1	4	10	14	248	9	271	12	1	17	30	2	227	13	242	553
Grand Total	80	23	21	124	236	3389	137	3762	233	26	247	506	11	2102	268	2381	6773
Apprch %	64.5	18.5	16.9		6.3	90.1	3.6		46	5.1	48.8		0.5	88.3	11.3		
Total %	1.2	0.3	0.3	1.8	3.5	50	2	55.5	3.4	0.4	3.6	7.5	0.2	31	4	35.2	

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	7	3	1	11	**34**	**415**	9	**458**	17	2	23	42	0	205	28	233	744
05:15 PM	**9**	3	2	**14**	28	399	**21**	448	20	3	26	49	**2**	220	**36**	258	**769**
05:30 PM	3	**4**	**4**	11	22	356	21	399	**34**	**5**	**31**	**70**	1	170	34	205	685
05:45 PM	8	3	1	12	28	341	18	387	20	4	15	39	2	**245**	21	**268**	706
Total Volume	27	13	8	48	112	1511	69	1692	91	14	95	200	5	840	119	964	2904
% App. Total	56.2	27.1	16.7		6.6	89.3	4.1		45.5	7	47.5		0.5	87.1	12.3		
PHF	.750	.813	.500	.857	.824	.910	.821	.924	.669	.700	.766	.714	.625	.857	.826	.899	.944

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City of Irvine
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File Name : 579_IRV_Merit_Irvine B Tue PM
Site Code : 19224028
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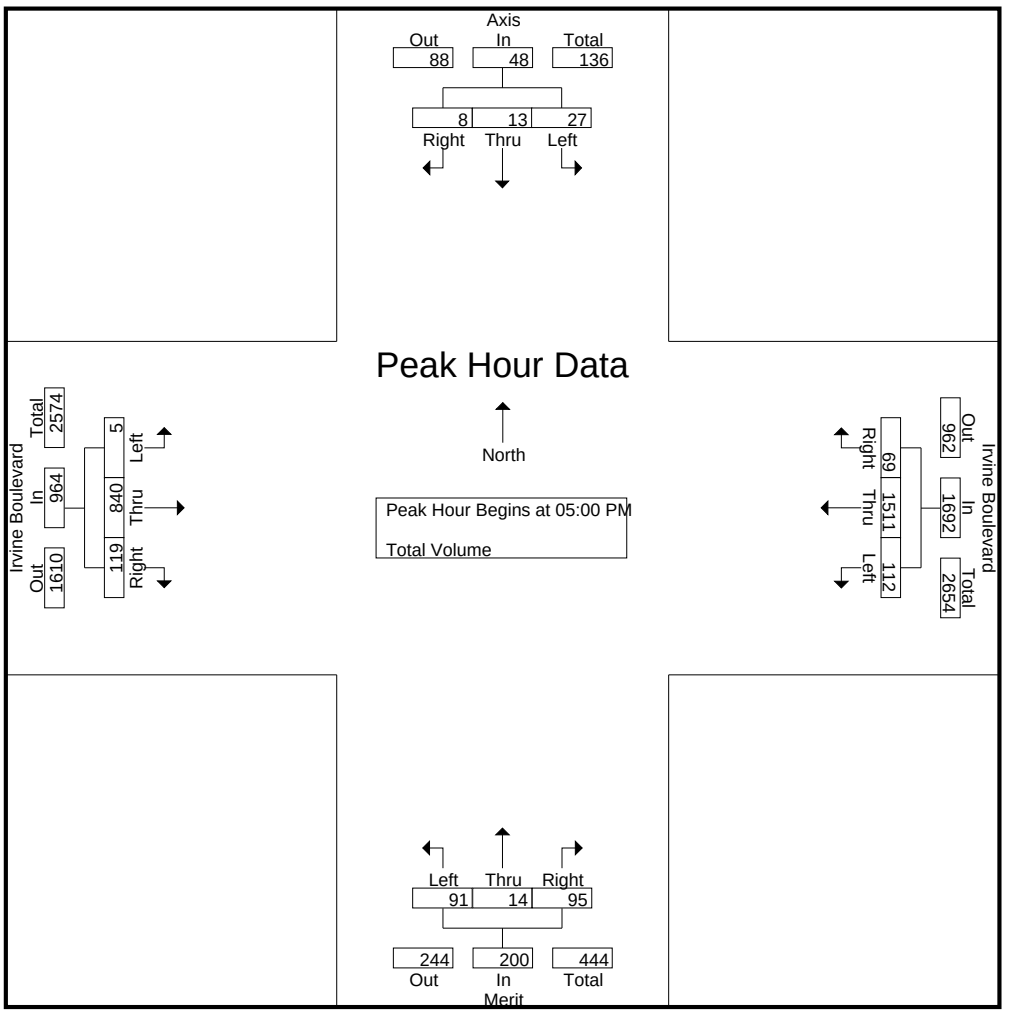

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:00 PM				04:30 PM			
+0 mins.	5	2	**5**	12	**34**	**415**	9	**458**	30	0	**43**	73	1	**233**	31	**265**
+15 mins.	10	1	2	13	28	399	**21**	448	15	2	15	32	1	211	31	243
+30 mins.	12	2	0	14	22	356	21	399	31	3	28	62	0	205	28	233
+45 mins.	**13**	**3**	2	**18**	28	341	18	387	**38**	**5**	31	**74**	**2**	220	**36**	258
Total Volume	40	8	9	57	112	1511	69	1692	114	10	117	241	4	869	126	999
% App. Total	70.2	14	15.8		6.6	89.3	4.1		47.3	4.1	48.5		0.4	87	12.6	
PHF	.769	.667	.450	.792	.824	.910	.821	.924	.750	.500	.680	.814	.500	.932	.875	.942

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City of Irvine
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Weather: Clear

File Name : 579_IRV_Merit_Irvine B Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	1	1	11	5	101	1	107	4	1	8	13	0	138	16	154	285
07:15 AM	14	0	2	16	14	134	1	149	10	0	15	25	1	179	11	191	381
07:30 AM	19	5	1	25	19	180	4	203	7	0	25	32	1	261	9	271	531
07:45 AM	65	17	2	84	14	182	16	212	15	3	31	49	0	323	55	378	723
Total	107	23	6	136	52	597	22	671	36	4	79	119	2	901	91	994	1920
08:00 AM	30	15	2	47	32	184	38	254	24	11	41	76	0	239	129	368	745
08:15 AM	15	35	2	52	57	155	21	233	41	9	46	96	5	261	202	468	849
08:30 AM	3	3	3	9	18	136	13	167	47	9	62	118	4	338	55	397	691
08:45 AM	24	2	2	28	13	139	5	157	10	0	37	47	1	297	16	314	546
Total	72	55	9	136	120	614	77	811	122	29	186	337	10	1135	402	1547	2831
Grand Total	179	78	15	272	172	1211	99	1482	158	33	265	456	12	2036	493	2541	4751
Apprch %	65.8	28.7	5.5		11.6	81.7	6.7		34.6	7.2	58.1		0.5	80.1	19.4		
Total %	3.8	1.6	0.3	5.7	3.6	25.5	2.1	31.2	3.3	0.7	5.6	9.6	0.3	42.9	10.4	53.5	

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**65**	17	2	**84**	14	182	16	212	15	3	31	49	0	323	55	378	723
08:00 AM	30	15	2	47	32	**184**	**38**	**254**	24	**11**	41	76	0	239	129	368	745
08:15 AM	15	**35**	2	52	**57**	155	21	233	41	9	46	96	**5**	261	**202**	**468**	**849**
08:30 AM	3	3	**3**	9	18	136	13	167	**47**	9	**62**	**118**	4	**338**	55	397	691
Total Volume	113	70	9	192	121	657	88	866	127	32	180	339	9	1161	441	1611	3008
% App. Total	58.9	36.5	4.7		14	75.9	10.2		37.5	9.4	53.1		0.6	72.1	27.4		
PHF	.435	.500	.750	.571	.531	.893	.579	.852	.676	.727	.726	.718	.450	.859	.546	.861	.886

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File Name : 579_IRV_Merit_Irvine B Thu AM
Site Code : 19224028
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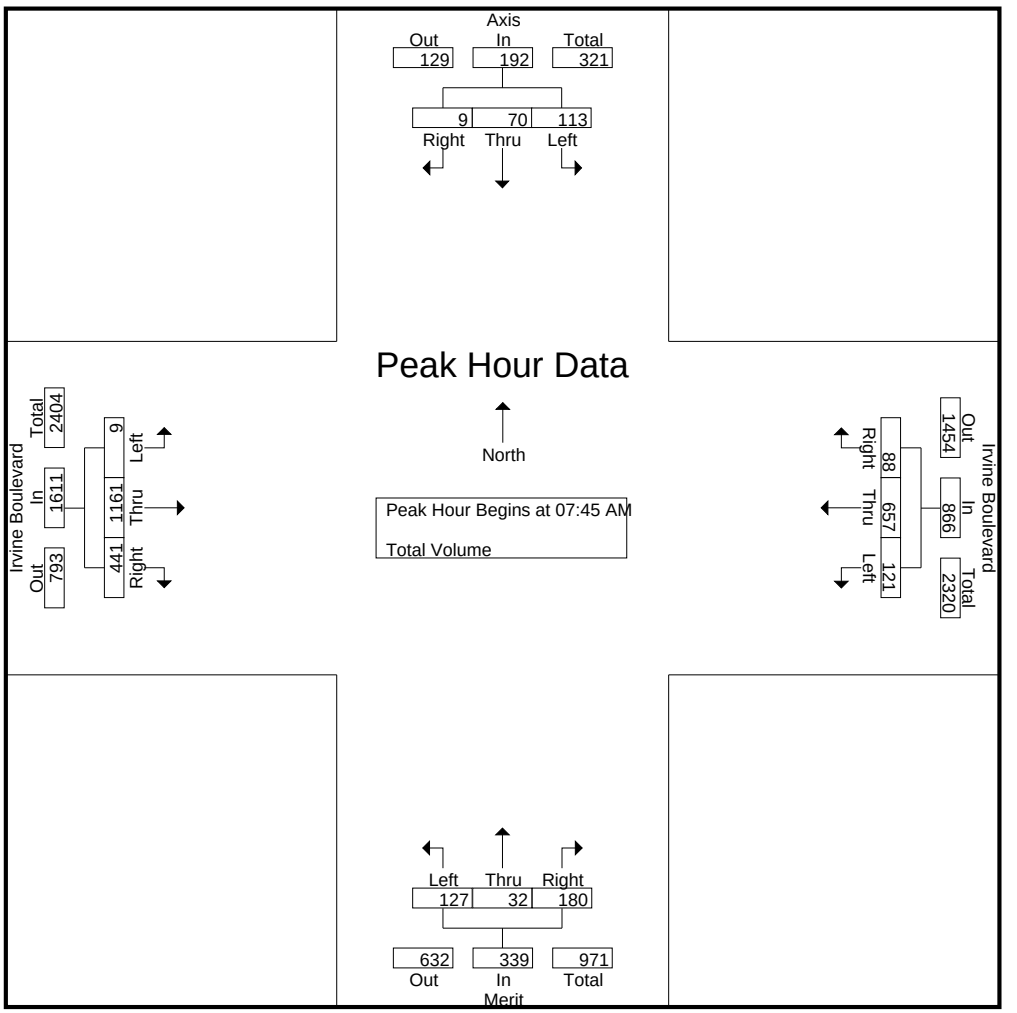

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	19	5	1	25	19	180	4	203	15	3	31	49	0	323	55	378
+15 mins.	**65**	17	**2**	**84**	14	182	16	212	24	**11**	41	76	0	239	129	368
+30 mins.	30	15	2	47	32	**184**	**38**	**254**	41	9	46	96	**5**	261	**202**	**468**
+45 mins.	15	**35**	2	52	**57**	155	21	233	**47**	9	**62**	**118**	4	**338**	55	397
Total Volume	129	72	7	208	122	701	79	902	127	32	180	339	9	1161	441	1611
% App. Total	62	34.6	3.4		13.5	77.7	8.8		37.5	9.4	53.1		0.6	72.1	27.4	
PHF	.496	.514	.875	.619	.535	.952	.520	.888	.676	.727	.726	.718	.450	.859	.546	.861

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City of Irvine
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Weather: Clear

File Name : 579_IRV_Merit_Irvine B Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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Groups Printed- Total Volume

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	3	2	15	22	352	15	389	28	5	35	68	1	182	24	207	679
04:15 PM	9	0	3	12	22	328	16	366	23	1	22	46	2	196	35	233	657
04:30 PM	6	2	3	11	19	368	16	403	32	2	23	57	0	210	34	244	715
04:45 PM	13	4	3	20	26	314	11	351	24	1	29	54	1	227	26	254	679
Total	38	9	11	58	89	1362	58	1509	107	9	109	225	4	815	119	938	2730
05:00 PM	10	2	1	13	33	376	14	423	14	2	28	44	3	236	28	267	747
05:15 PM	13	5	4	22	27	461	14	502	18	4	26	48	3	228	28	259	831
05:30 PM	13	3	2	18	28	307	17	352	25	7	27	59	3	249	41	293	722
05:45 PM	8	2	2	12	36	307	22	365	31	3	26	60	1	191	18	210	647
Total	44	12	9	65	124	1451	67	1642	88	16	107	211	10	904	115	1029	2947
06:00 PM	4	1	0	5	18	306	11	335	7	1	27	35	0	205	15	220	595
06:15 PM	8	1	4	13	20	231	17	268	7	1	27	35	1	196	13	210	526
Grand Total	94	23	24	141	251	3350	153	3754	209	27	270	506	15	2120	262	2397	6798
Apprch %	66.7	16.3	17		6.7	89.2	4.1		41.3	5.3	53.4		0.6	88.4	10.9		
Total %	1.4	0.3	0.4	2.1	3.7	49.3	2.3	55.2	3.1	0.4	4	7.4	0.2	31.2	3.9	35.3	

	Axis Southbound				Irvine Boulevard Westbound				Merit Northbound				Irvine Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**13**	4	3	20	26	314	11	351	24	1	**29**	54	1	227	26	254	679
05:00 PM	10	2	1	13	**33**	376	14	423	14	2	28	44	**3**	236	28	267	747
05:15 PM	13	**5**	**4**	**22**	27	**461**	14	**502**	18	4	26	48	3	228	28	259	**831**
05:30 PM	13	3	2	18	28	307	**17**	352	**25**	**7**	27	**59**	3	**249**	**41**	**293**	722
Total Volume	49	14	10	73	114	1458	56	1628	81	14	110	205	10	940	123	1073	2979
% App. Total	67.1	19.2	13.7		7	89.6	3.4		39.5	6.8	53.7		0.9	87.6	11.5		
PHF	.942	.700	.625	.830	.864	.791	.824	.811	.810	.500	.948	.869	.833	.944	.750	.916	.896

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City of Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard
Weather: Clear

File Name : 579_IRV_Merit_Irvine B Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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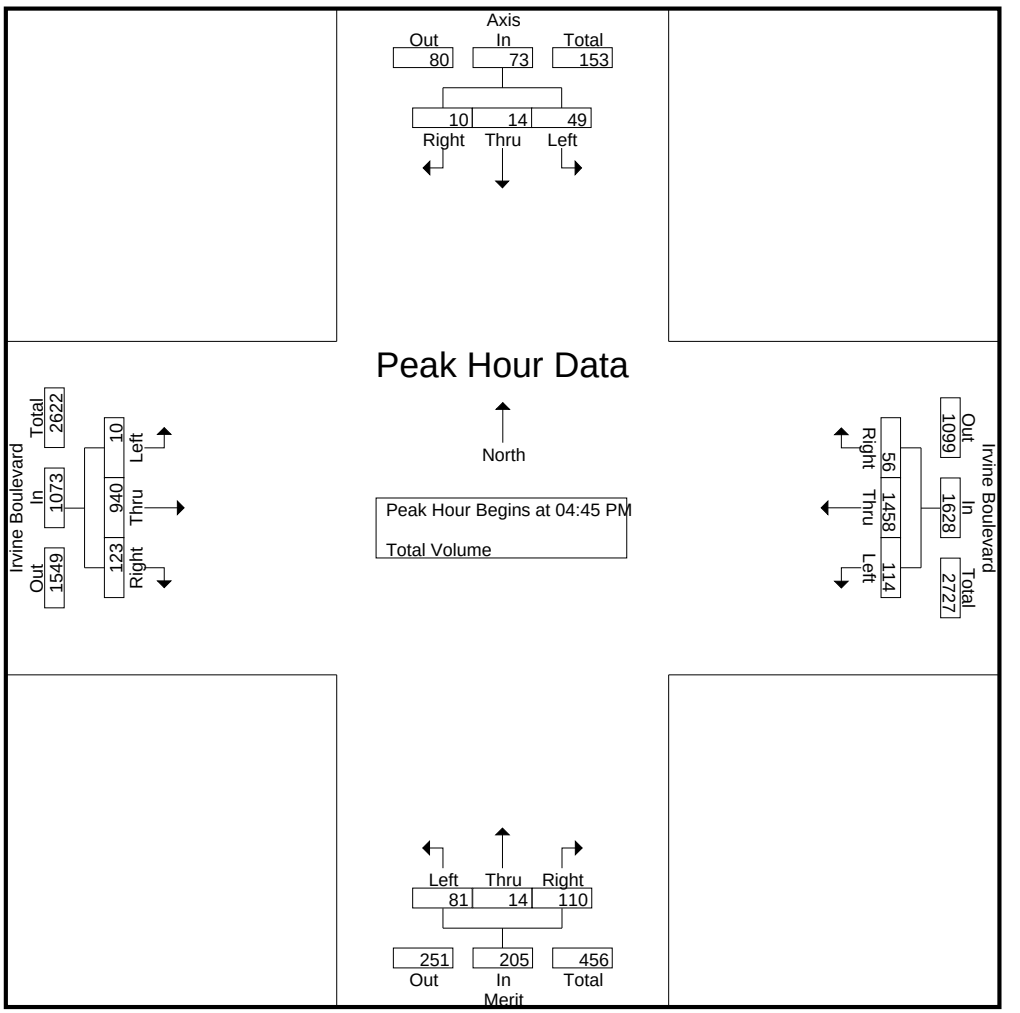

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	**13**	4	3	20	19	368	**16**	403	28	**5**	**35**	**68**	1	227	26	254
+15 mins.	10	2	1	13	26	314	11	351	23	1	22	46	**3**	236	28	267
+30 mins.	13	**5**	**4**	**22**	**33**	376	14	423	**32**	2	23	57	3	228	28	259
+45 mins.	13	3	2	18	27	**461**	14	**502**	24	1	29	54	3	**249**	**41**	**293**
Total Volume	49	14	10	73	105	1519	55	1679	107	9	109	225	10	940	123	1073
% App. Total	67.1	19.2	13.7		6.3	90.5	3.3		47.6	4	48.4		0.9	87.6	11.5	
PHF	.942	.700	.625	.830	.795	.824	.859	.836	.836	.450	.779	.827	.833	.944	.750	.916

Location: Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Axis	East Leg Irvine Boulevard	South Leg Merit	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	1	1	3
7:15 AM	1	0	0	0	1
7:30 AM	1	1	1	3	6
7:45 AM	3	2	0	1	6
8:00 AM	0	0	3	3	6
8:15 AM	0	0	3	8	11
8:30 AM	2	0	9	15	26
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	8	3	17	32	60

	North Leg Axis	East Leg Irvine Boulevard	South Leg Merit	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	1	3
4:15 PM	0	0	2	1	3
4:30 PM	1	0	1	0	2
4:45 PM	0	0	1	4	5
5:00 PM	2	1	0	1	4
5:15 PM	1	0	1	1	3
5:30 PM	1	0	1	3	5
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	5	1	8	11	25

Location: Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Axis			Westbound Irvine Boulevard			Northbound Merit			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
7:15 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	1	2
8:15 AM	0	0	0	1	1	0	0	0	0	0	0	1	3
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	5	0	0	0	0	0	4	2	12

	Southbound Axis			Westbound Irvine Boulevard			Northbound Merit			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	1	0	0	0	0	0	2	2	5
4:45 PM	0	0	0	0	0	0	0	1	0	0	3	1	5
5:00 PM	0	0	0	0	4	0	0	0	1	0	0	0	5
5:15 PM	0	0	0	0	3	0	0	1	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	1	10	0	0	2	1	0	9	3	27

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Location: Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Axis	East Leg Irvine Boulevard	South Leg Merit	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	1	1	3
7:15 AM	0	0	0	0	0
7:30 AM	1	0	2	3	6
7:45 AM	1	1	0	2	4
8:00 AM	0	0	2	5	7
8:15 AM	0	0	8	13	21
8:30 AM	0	0	2	0	2
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	4	1	15	24	44

	North Leg Axis	East Leg Irvine Boulevard	South Leg Merit	West Leg Irvine Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	1	2	4	8
4:15 PM	1	0	0	1	2
4:30 PM	0	0	2	1	3
4:45 PM	0	0	0	1	1
5:00 PM	3	1	3	0	7
5:15 PM	0	0	1	1	2
5:30 PM	1	0	1	3	5
5:45 PM	0	0	0	0	0
6:00 PM	2	0	0	1	3
6:15 PM	0	0	1	0	1
TOTAL VOLUMES:	8	2	10	12	32

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Location: Irvine
N/S: Merit/Axis
E/W: Irvine Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Axis			Westbound Irvine Boulevard			Northbound Merit			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	0	0	2	0	4

	Southbound Axis			Westbound Irvine Boulevard			Northbound Merit			Eastbound Irvine Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	1	1	0	0	0	3
4:15 PM	1	0	0	0	0	0	0	0	0	0	0	1	2
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	1	2
4:45 PM	0	0	0	0	1	0	1	0	0	0	3	2	7
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	2	0	0	1	0	0	0	0	3
5:45 PM	0	0	0	0	0	0	0	1	0	0	2	0	3
6:00 PM	0	1	0	1	1	0	0	0	0	0	0	0	3
6:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
TOTAL VOLUMES:	1	2	0	1	7	0	1	4	1	0	6	4	27

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City of Irvine
N/S: Irvine Boulevard
E/W: Lynx
Weather: Clear

File Name : 581_IRV_Irv B_Lynx Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	129	17	146	40	102	142	2	28	30	318
07:15 AM	227	15	242	30	153	183	3	38	41	466
07:30 AM	262	17	279	37	198	235	8	38	46	560
07:45 AM	287	59	346	36	178	214	48	43	91	651
Total	905	108	1013	143	631	774	61	147	208	1995
08:00 AM	321	51	372	18	168	186	49	55	104	662
08:15 AM	328	19	347	25	142	167	11	29	40	554
08:30 AM	347	14	361	17	207	224	13	50	63	648
08:45 AM	381	10	391	20	161	181	9	32	41	613
Total	1377	94	1471	80	678	758	82	166	248	2477
Grand Total	2282	202	2484	223	1309	1532	143	313	456	4472
Apprch %	91.9	8.1		14.6	85.4		31.4	68.6		
Total %	51	4.5	55.5	5	29.3	34.3	3.2	7	10.2	

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	287	**59**	346	**36**	178	214	48	43	91	651
08:00 AM	321	51	**372**	18	168	186	**49**	**55**	**104**	**662**
08:15 AM	328	19	347	25	142	167	11	29	40	554
08:30 AM	**347**	14	361	17	**207**	**224**	13	50	63	648
Total Volume	1283	143	1426	96	695	791	121	177	298	2515
% App. Total	90	10		12.1	87.9		40.6	59.4		
PHF	.924	.606	.958	.667	.839	.883	.617	.805	.716	.950

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City of Irvine
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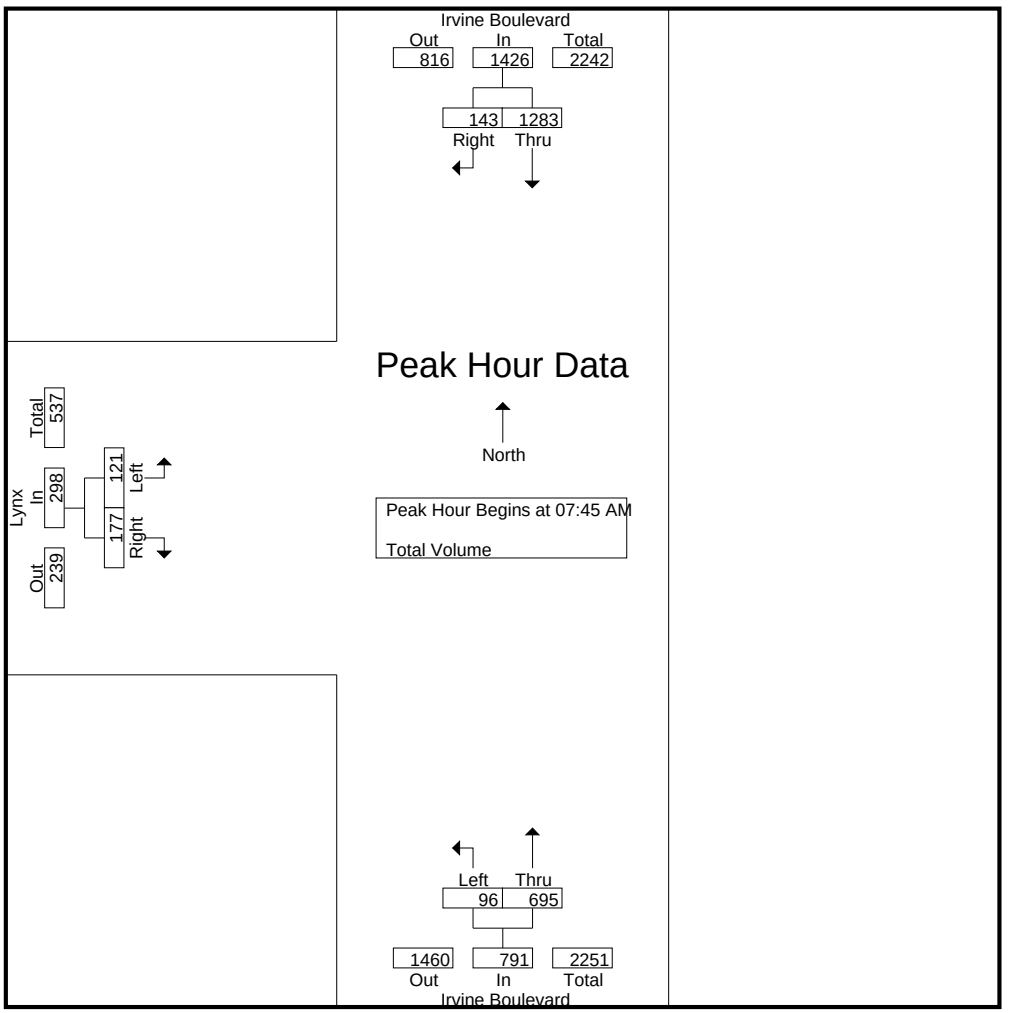

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM			07:15 AM			07:45 AM		
+0 mins.	321	**51**	372	30	153	183	48	43	91
+15 mins.	328	19	347	**37**	**198**	**235**	**49**	**55**	**104**
+30 mins.	347	14	361	36	178	214	11	29	40
+45 mins.	**381**	10	**391**	18	168	186	13	50	63
Total Volume	1377	94	1471	121	697	818	121	177	298
% App. Total	93.6	6.4		14.8	85.2		40.6	59.4	
PHF	.904	.461	.941	.818	.880	.870	.617	.805	.716

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City of Irvine
N/S: Irvine Boulevard
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Weather: Clear

File Name : 581_IRV_Irv B_Lynx Tue PM
Site Code : 19224028
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Groups Printed- Total Volume

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	239	5	244	13	373	386	14	20	34	664
04:15 PM	205	4	209	25	327	352	10	18	28	589
04:30 PM	264	12	276	25	362	387	11	12	23	686
04:45 PM	243	14	257	27	345	372	7	29	36	665
Total	951	35	986	90	1407	1497	42	79	121	2604
05:00 PM	209	8	217	35	476	511	12	22	34	762
05:15 PM	269	16	285	28	416	444	8	26	34	763
05:30 PM	192	6	198	36	417	453	12	29	41	692
05:45 PM	252	20	272	25	368	393	5	22	27	692
Total	922	50	972	124	1677	1801	37	99	136	2909
06:00 PM	218	6	224	28	323	351	9	18	27	602
06:15 PM	228	8	236	24	260	284	4	15	19	539
Grand Total	2319	99	2418	266	3667	3933	92	211	303	6654
Apprch %	95.9	4.1		6.8	93.2		30.4	69.6		
Total %	34.9	1.5	36.3	4	55.1	59.1	1.4	3.2	4.6	

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	209	8	217	35	**476**	**511**	**12**	22	34	762
05:15 PM	**269**	16	**285**	28	416	444	8	26	34	**763**
05:30 PM	192	6	198	**36**	417	453	12	**29**	**41**	692
05:45 PM	252	**20**	272	25	368	393	5	22	27	692
Total Volume	922	50	972	124	1677	1801	37	99	136	2909
% App. Total	94.9	5.1		6.9	93.1		27.2	72.8		
PHF	.857	.625	.853	.861	.881	.881	.771	.853	.829	.953

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City of Irvine
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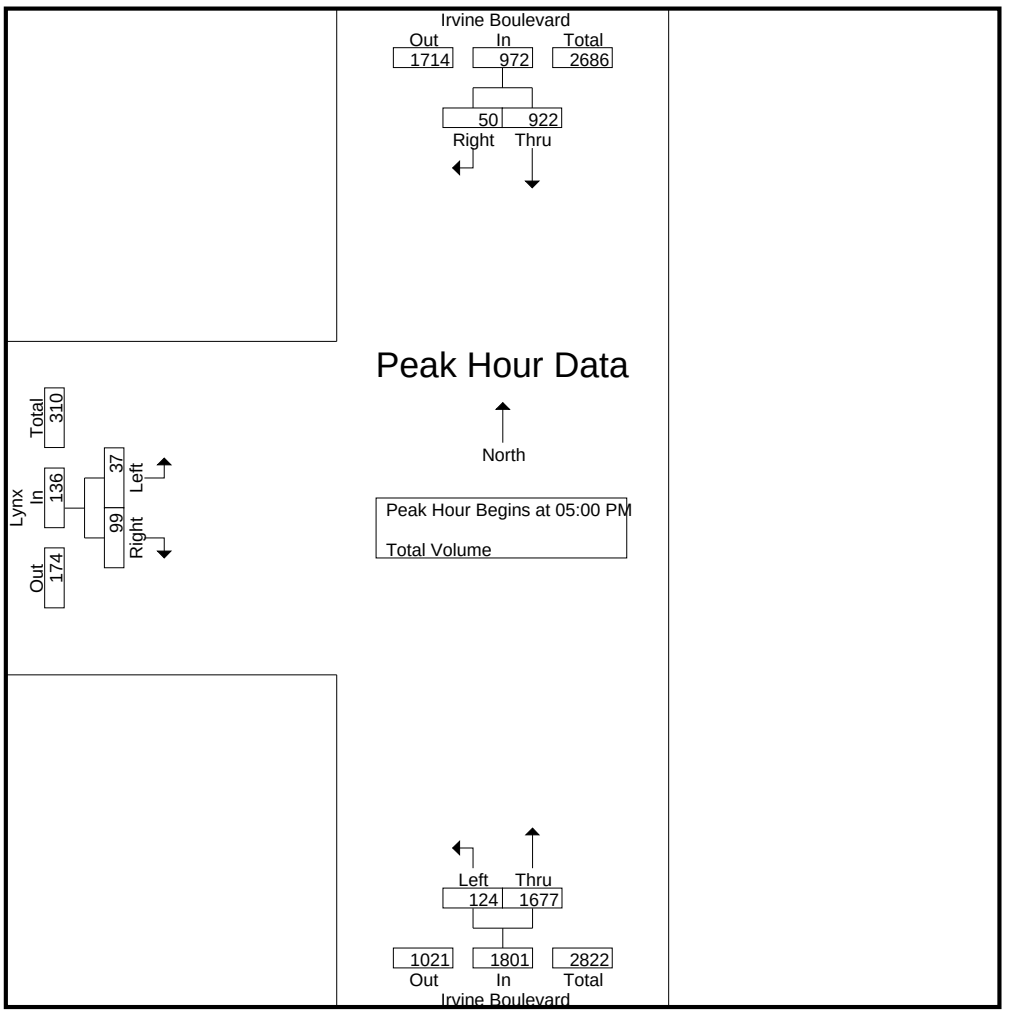

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			05:00 PM			04:45 PM		
+0 mins.	264	12	276	35	**476**	**511**	7	**29**	36
+15 mins.	243	14	257	28	416	444	**12**	22	34
+30 mins.	209	8	217	**36**	417	453	8	26	34
+45 mins.	**269**	**16**	**285**	25	368	393	12	29	**41**
Total Volume	985	50	1035	124	1677	1801	39	106	145
% App. Total	95.2	4.8		6.9	93.1		26.9	73.1	
PHF	.915	.781	.908	.861	.881	.881	.813	.914	.884

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City of Irvine
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Groups Printed- Total Volume

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	137	17	154	40	111	151	3	26	29	334
07:15 AM	191	10	201	23	138	161	2	29	31	393
07:30 AM	298	12	310	41	192	233	7	31	38	581
07:45 AM	326	77	403	29	169	198	52	56	108	709
Total	952	116	1068	133	610	743	64	142	206	2017
08:00 AM	278	43	321	26	201	227	48	62	110	658
08:15 AM	298	29	327	17	211	228	28	37	65	620
08:30 AM	395	16	411	12	160	172	4	44	48	631
08:45 AM	345	11	356	20	144	164	4	34	38	558
Total	1316	99	1415	75	716	791	84	177	261	2467
Grand Total	2268	215	2483	208	1326	1534	148	319	467	4484
Apprch %	91.3	8.7		13.6	86.4		31.7	68.3		
Total %	50.6	4.8	55.4	4.6	29.6	34.2	3.3	7.1	10.4	

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	326	**77**	403	**29**	169	198	**52**	56	108	**709**
08:00 AM	278	43	321	26	201	227	48	**62**	**110**	658
08:15 AM	298	29	327	17	**211**	**228**	28	37	65	620
08:30 AM	**395**	16	**411**	12	160	172	4	44	48	631
Total Volume	1297	165	1462	84	741	825	132	199	331	2618
% App. Total	88.7	11.3		10.2	89.8		39.9	60.1		
PHF	.821	.536	.889	.724	.878	.905	.635	.802	.752	.923

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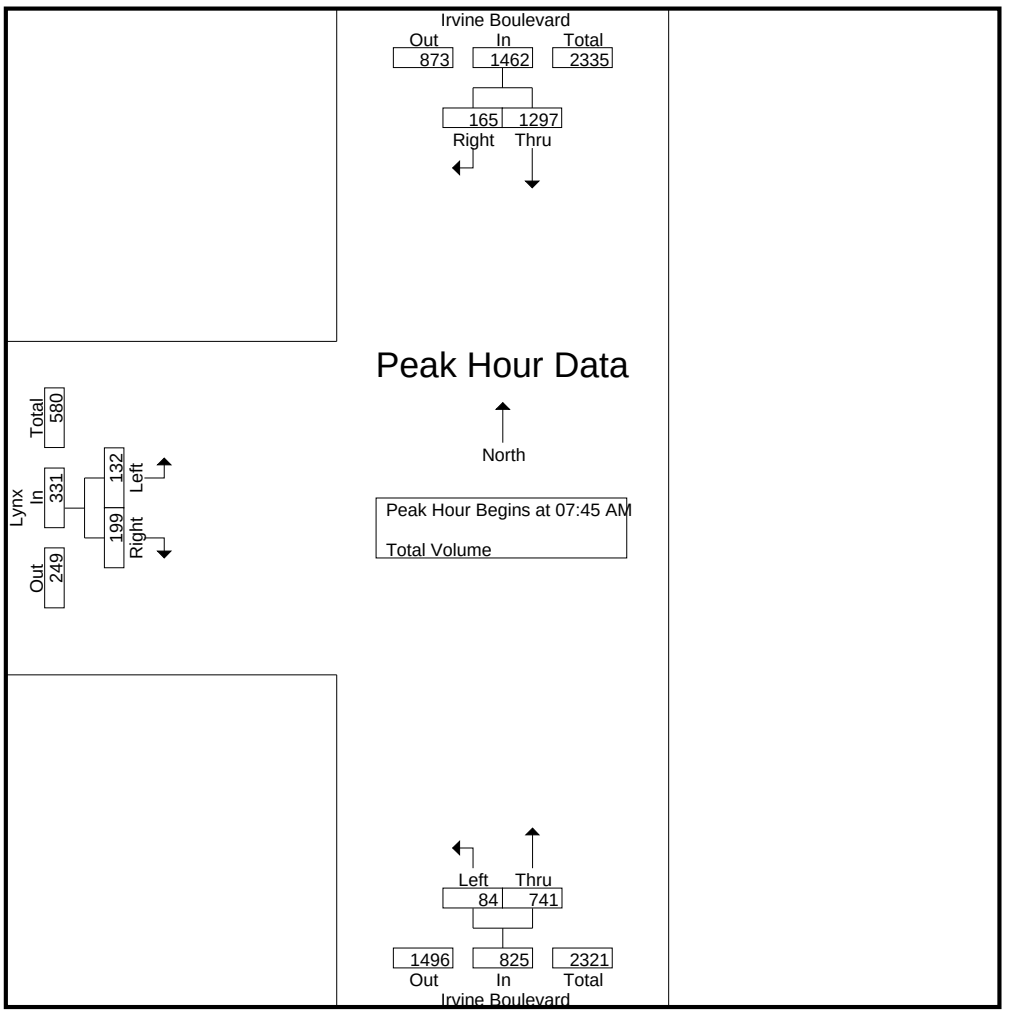

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:30 AM			07:45 AM		
+0 mins.	326	**77**	403	**41**	192	**233**	**52**	56	108
+15 mins.	278	43	321	29	169	198	48	**62**	**110**
+30 mins.	298	29	327	26	201	227	28	37	65
+45 mins.	**395**	16	**411**	17	**211**	228	4	44	48
Total Volume	1297	165	1462	113	773	886	132	199	331
% App. Total	88.7	11.3		12.8	87.2		39.9	60.1	
PHF	.821	.536	.889	.689	.916	.951	.635	.802	.752

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City of Irvine
N/S: Irvine Boulevard
E/W: Lynx
Weather: Clear

File Name : 581_IRV_Irv B_Lynx Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	215	11	226	20	375	395	15	28	43	664
04:15 PM	232	6	238	20	354	374	10	18	28	640
04:30 PM	229	6	235	27	397	424	12	29	41	700
04:45 PM	237	14	251	35	343	378	14	21	35	664
Total	913	37	950	102	1469	1571	51	96	147	2668
05:00 PM	271	15	286	20	423	443	10	20	30	759
05:15 PM	256	7	263	35	491	526	12	16	28	817
05:30 PM	255	7	262	37	381	418	11	24	35	715
05:45 PM	242	17	259	30	335	365	6	14	20	644
Total	1024	46	1070	122	1630	1752	39	74	113	2935
06:00 PM	203	7	210	26	306	332	12	17	29	571
06:15 PM	238	11	249	32	251	283	8	14	22	554
Grand Total	2378	101	2479	282	3656	3938	110	201	311	6728
Apprch %	95.9	4.1		7.2	92.8		35.4	64.6		
Total %	35.3	1.5	36.8	4.2	54.3	58.5	1.6	3	4.6	

	Irvine Boulevard Southbound			Irvine Boulevard Northbound			Lynx Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	237	14	251	35	343	378	**14**	21	**35**	664
05:00 PM	**271**	**15**	**286**	20	423	443	10	20	30	759
05:15 PM	256	7	263	35	**491**	**526**	12	16	28	**817**
05:30 PM	255	7	262	**37**	381	418	11	**24**	35	715
Total Volume	1019	43	1062	127	1638	1765	47	81	128	2955
% App. Total	96	4		7.2	92.8		36.7	63.3		
PHF	.940	.717	.928	.858	.834	.839	.839	.844	.914	.904

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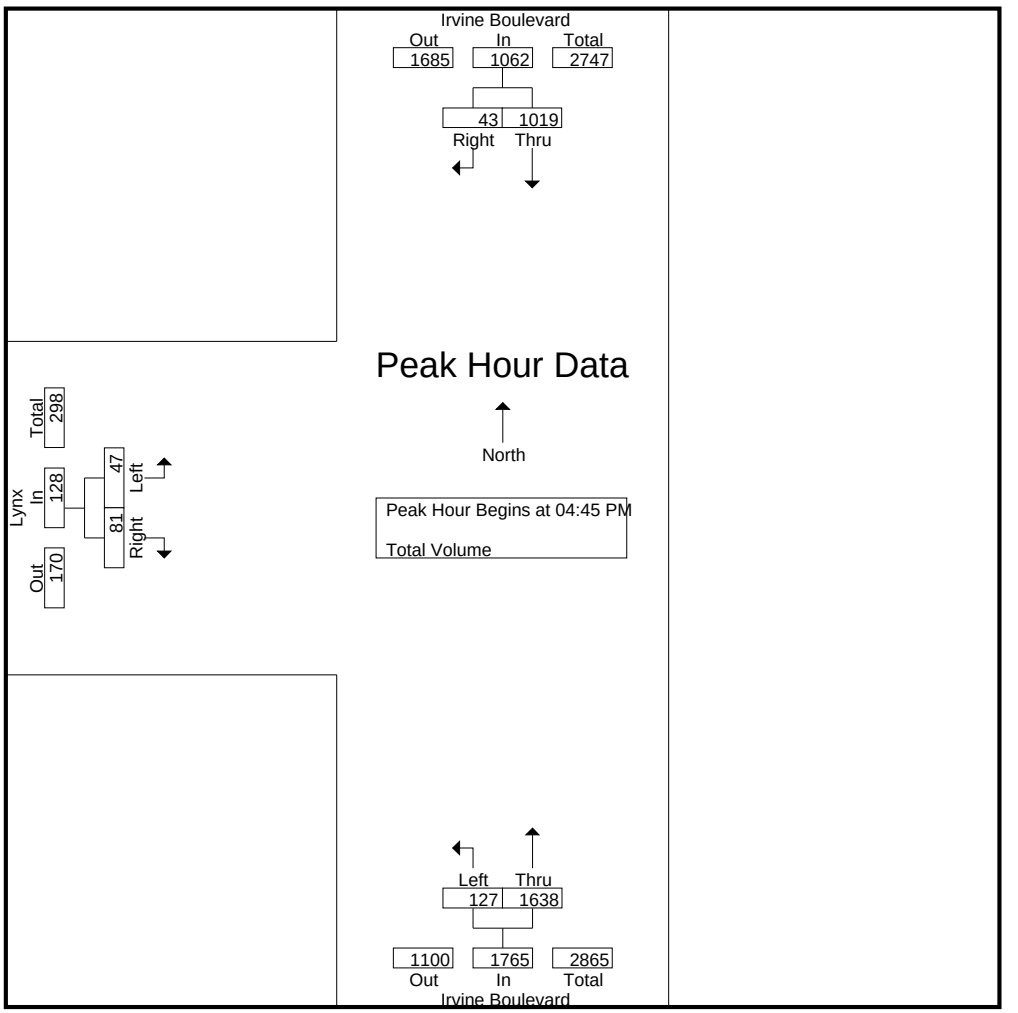
City of Irvine
N/S: Irvine Boulevard
E/W: Lynx
Weather: Clear

File Name : 581_IRV_Irv B_Lynx Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			04:00 PM		
+0 mins.	**271**	15	**286**	27	397	424	**15**	28	**43**
+15 mins.	256	7	263	**35**	343	378	10	18	28
+30 mins.	255	7	262	20	423	443	12	**29**	41
+45 mins.	242	**17**	259	35	**491**	**526**	14	21	35
Total Volume	1024	46	1070	117	1654	1771	51	96	147
% App. Total	95.7	4.3		6.6	93.4		34.7	65.3	
PHF	.945	.676	.935	.836	.842	.842	.850	.828	.855

Location: Irvine
N/S: Irvine Boulevard
E/W: Lynx

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Boulevard	East Leg Dead End	South Leg Irvine Boulevard	West Leg Lynx	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	1	2
8:00 AM	0	0	0	1	1
8:15 AM	0	0	0	1	1
8:30 AM	0	0	0	2	2
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	0	0	1	8	9

	North Leg Irvine Boulevard	East Leg Dead End	South Leg Irvine Boulevard	West Leg Lynx	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	4	4
4:15 PM	0	0	0	1	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	1	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	2	2
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	1	1
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	9	9

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Location: Irvine
N/S: Irvine Boulevard
E/W: Lynx

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Boulevard			Westbound Dead End			Northbound Irvine Boulevard			Eastbound Lynx			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
7:15 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0	0	1	0	0	2
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	4	0	0	0	0	0	5	0	1	0	0	10

	Southbound Irvine Boulevard			Westbound Dead End			Northbound Irvine Boulevard			Eastbound Lynx			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	1	0	0	0	0	2	0	0	0	0	4
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	1	2
4:45 PM	0	3	0	0	0	0	0	0	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	5	0	0	0	0	5
5:15 PM	0	0	0	0	0	0	0	3	0	0	0	0	3
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	7	1	0	0	0	0	11	0	0	0	1	20

Location: Irvine
N/S: Irvine Boulevard
E/W: Lynx

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Boulevard	East Leg Dead End	South Leg Irvine Boulevard	West Leg Lynx	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	1	1
8:00 AM	0	0	0	2	2
8:15 AM	0	0	0	1	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	5	5

	North Leg Irvine Boulevard	East Leg Dead End	South Leg Irvine Boulevard	West Leg Lynx	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	3	0	3
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	3	3
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	1	1
TOTAL VOLUMES:	0	0	3	5	8

Location: Irvine
N/S: Irvine Boulevard
E/W: Lynx

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Boulevard			Westbound Dead End			Northbound Irvine Boulevard			Eastbound Lynx			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	3	0	0	0	0	0	2	0	0	0	0	5

	Southbound Irvine Boulevard			Westbound Dead End			Northbound Irvine Boulevard			Eastbound Lynx			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	0	0	0	0	1	0	0	0	0	3
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	3	0	0	0	0	0	1	0	0	0	0	4
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	2	1	0	0	0	0	3
6:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
TOTAL VOLUMES:	0	8	0	0	0	0	3	6	0	0	0	0	17

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City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	102	2	108	0	0	0	0	22	79	7	108	0	10	5	15	231
07:15 AM	5	125	4	134	0	0	0	0	13	90	2	105	0	9	5	14	253
07:30 AM	11	150	4	165	3	2	0	5	17	141	9	167	0	6	3	9	346
07:45 AM	17	156	3	176	7	5	3	15	18	120	7	145	0	9	1	10	346
Total	37	533	13	583	10	7	3	20	70	430	25	525	0	34	14	48	1176
08:00 AM	13	179	7	199	3	4	2	9	19	111	9	139	1	6	0	7	354
08:15 AM	9	142	4	155	3	3	1	7	19	121	10	150	0	3	6	9	321
08:30 AM	7	188	6	201	0	1	0	1	11	157	6	174	1	9	8	18	394
08:45 AM	12	170	2	184	1	1	1	3	19	114	5	138	1	10	8	19	344
Total	41	679	19	739	7	9	4	20	68	503	30	601	3	28	22	53	1413
Grand Total	78	1212	32	1322	17	16	7	40	138	933	55	1126	3	62	36	101	2589
Apprch %	5.9	91.7	2.4		42.5	40	17.5		12.3	82.9	4.9		3	61.4	35.6		
Total %	3	46.8	1.2	51.1	0.7	0.6	0.3	1.5	5.3	36	2.1	43.5	0.1	2.4	1.4	3.9	

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**17**	156	3	176	**7**	**5**	**3**	**15**	18	120	7	145	0	**9**	1	10	346
08:00 AM	13	179	**7**	199	3	4	2	9	**19**	111	9	139	**1**	6	0	7	354
08:15 AM	9	142	4	155	3	3	1	7	19	121	**10**	150	0	3	6	9	321
08:30 AM	7	**188**	6	**201**	0	1	0	1	11	**157**	6	**174**	1	9	**8**	**18**	**394**
Total Volume	46	665	20	731	13	13	6	32	67	509	32	608	2	27	15	44	1415
% App. Total	6.3	91	2.7		40.6	40.6	18.8		11	83.7	5.3		4.5	61.4	34.1		
PHF	.676	.884	.714	.909	.464	.650	.500	.533	.882	.811	.800	.874	.500	.750	.469	.611	.898

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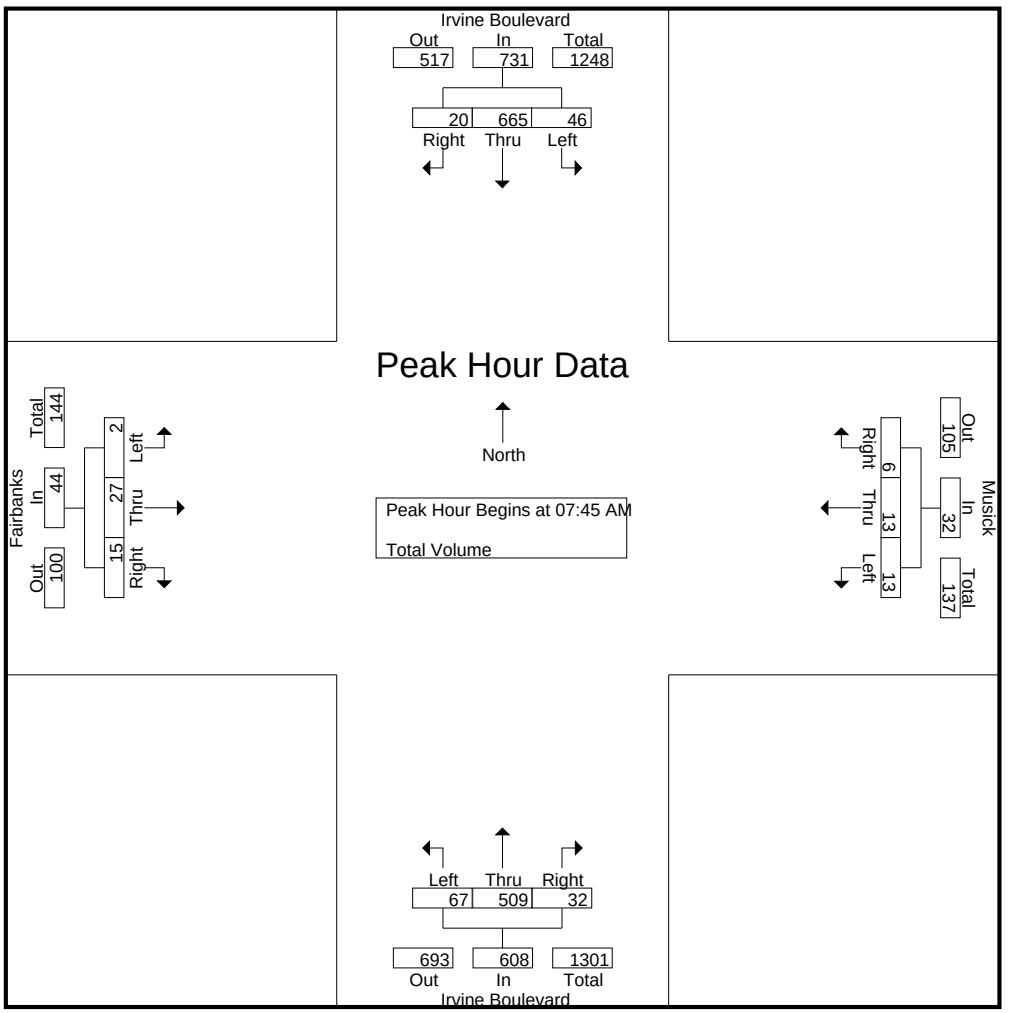
City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:30 AM				07:45 AM				08:00 AM			
+0 mins.	**13**	179	**7**	199	3	2	0	5	18	120	7	145	**1**	6	0	7
+15 mins.	9	142	4	155	**7**	**5**	**3**	**15**	**19**	111	9	139	0	3	6	9
+30 mins.	7	**188**	6	**201**	3	4	2	9	19	121	**10**	150	1	9	**8**	18
+45 mins.	12	170	2	184	3	3	1	7	11	**157**	6	**174**	1	**10**	8	**19**
Total Volume	41	679	19	739	16	14	6	36	67	509	32	608	3	28	22	53
% App. Total	5.5	91.9	2.6		44.4	38.9	16.7		11	83.7	5.3		5.7	52.8	41.5	
PHF	.788	.903	.679	.919	.571	.700	.500	.600	.882	.811	.800	.874	.750	.700	.688	.697

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City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	175	0	176	6	4	14	24	5	153	1	159	1	4	16	21	380
04:15 PM	2	132	0	134	2	5	8	15	2	169	0	171	1	2	15	18	338
04:30 PM	4	151	1	156	5	8	21	34	6	169	0	175	1	0	23	24	389
04:45 PM	4	172	0	176	4	3	8	15	3	176	1	180	4	1	21	26	397
Total	11	630	1	642	17	20	51	88	16	667	2	685	7	7	75	89	1504
05:00 PM	0	170	1	171	3	4	17	24	10	204	1	215	5	1	20	26	436
05:15 PM	3	171	2	176	7	2	5	14	9	211	1	221	3	1	32	36	447
05:30 PM	0	145	1	146	2	2	5	9	3	210	0	213	3	3	16	22	390
05:45 PM	1	153	0	154	2	3	10	15	5	182	0	187	5	0	20	25	381
Total	4	639	4	647	14	11	37	62	27	807	2	836	16	5	88	109	1654
06:00 PM	3	153	1	157	1	2	11	14	0	165	0	165	3	0	22	25	361
06:15 PM	2	160	0	162	1	1	7	9	0	156	0	156	1	0	12	13	340
Grand Total	20	1582	6	1608	33	34	106	173	43	1795	4	1842	27	12	197	236	3859
Apprch %	1.2	98.4	0.4		19.1	19.7	61.3		2.3	97.4	0.2		11.4	5.1	83.5		
Total %	0.5	41	0.2	41.7	0.9	0.9	2.7	4.5	1.1	46.5	0.1	47.7	0.7	0.3	5.1	6.1	

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	**4**	**172**	0	**176**	4	3	8	15	3	176	**1**	180	4	1	21	26	397
05:00 PM	0	170	1	171	3	**4**	**17**	**24**	**10**	204	1	215	**5**	1	20	26	436
05:15 PM	3	171	**2**	176	**7**	2	5	14	9	**211**	1	**221**	3	1	**32**	**36**	**447**
05:30 PM	0	145	1	146	2	2	5	9	3	210	0	213	3	**3**	16	22	390
Total Volume	7	658	4	669	16	11	35	62	25	801	3	829	15	6	89	110	1670
% App. Total	1	98.4	0.6		25.8	17.7	56.5		3	96.6	0.4		13.6	5.5	80.9		
PHF	.438	.956	.500	.950	.571	.688	.515	.646	.625	.949	.750	.938	.750	.500	.695	.764	.934

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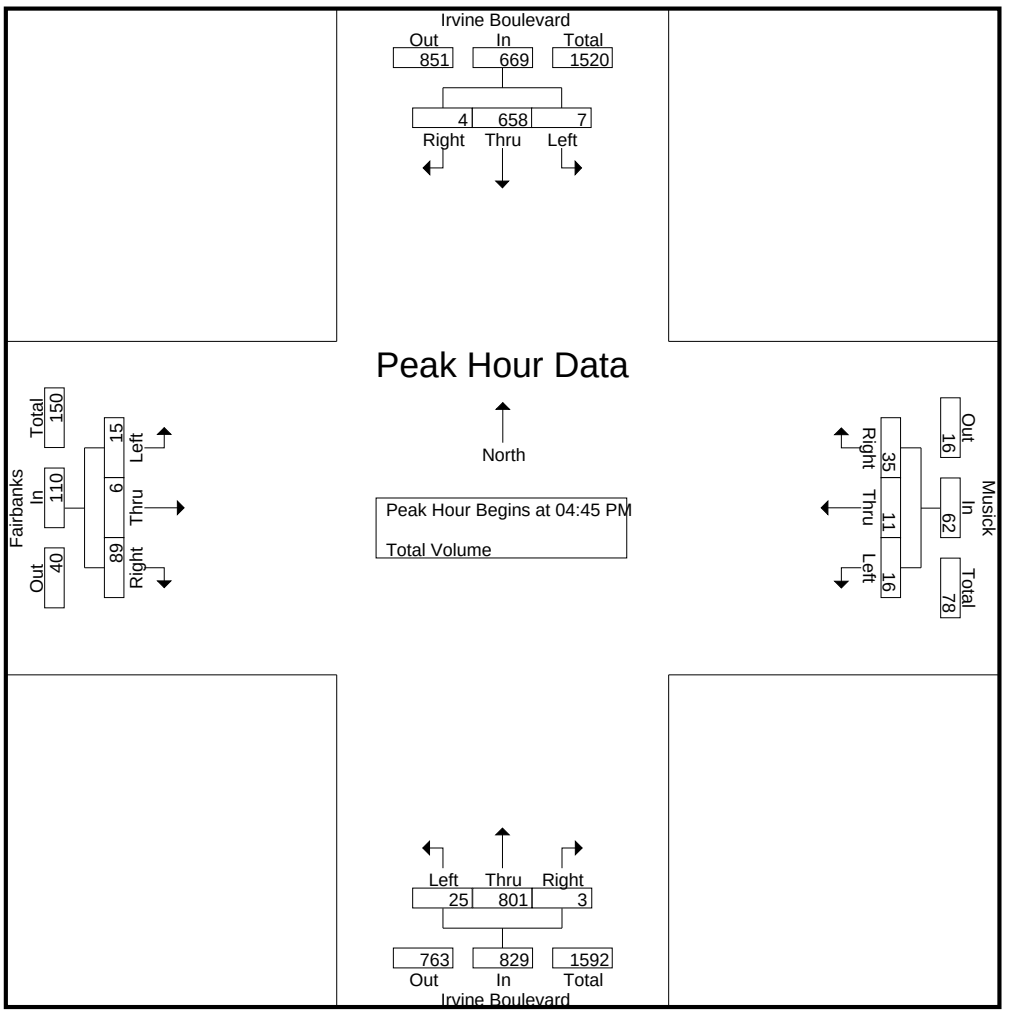
City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Tue PM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				05:00 PM				04:30 PM			
+0 mins.	**4**	151	1	156	**6**	4	14	24	**10**	204	**1**	215	1	0	23	24
+15 mins.	4	**172**	0	**176**	2	5	8	15	9	**211**	1	**221**	4	**1**	21	26
+30 mins.	0	170	1	171	5	**8**	**21**	**34**	3	210	0	213	**5**	1	20	26
+45 mins.	3	171	**2**	176	4	3	8	15	5	182	0	187	3	1	**32**	**36**
Total Volume	11	664	4	679	17	20	51	88	27	807	2	836	13	3	96	112
% App. Total	1.6	97.8	0.6		19.3	22.7	58		3.2	96.5	0.2		11.6	2.7	85.7	
PHF	.688	.965	.500	.964	.708	.625	.607	.647	.675	.956	.500	.946	.650	.750	.750	.778

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	153	5	166	0	0	1	1	15	70	8	93	0	9	6	15	275
07:15 AM	10	164	4	178	2	0	0	2	12	108	6	126	0	7	7	14	320
07:30 AM	12	249	4	265	3	0	1	4	12	122	5	139	0	9	6	15	423
07:45 AM	13	188	3	204	3	2	5	10	22	122	7	151	0	10	2	12	377
Total	43	754	16	813	8	2	7	17	61	422	26	509	0	35	21	56	1395
08:00 AM	15	231	3	249	1	3	1	5	15	107	4	126	0	7	1	8	388
08:15 AM	11	216	3	230	1	0	2	3	13	126	6	145	1	8	5	14	392
08:30 AM	13	198	7	218	3	0	4	7	14	124	4	142	0	6	6	12	379
08:45 AM	12	191	4	207	2	4	2	8	18	112	5	135	0	7	7	14	364
Total	51	836	17	904	7	7	9	23	60	469	19	548	1	28	19	48	1523
Grand Total	94	1590	33	1717	15	9	16	40	121	891	45	1057	1	63	40	104	2918
Apprch %	5.5	92.6	1.9		37.5	22.5	40		11.4	84.3	4.3		1	60.6	38.5		
Total %	3.2	54.5	1.1	58.8	0.5	0.3	0.5	1.4	4.1	30.5	1.5	36.2	0	2.2	1.4	3.6	

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	12	**249**	**4**	**265**	**3**	0	1	4	12	122	5	139	0	9	**6**	**15**	**423**
07:45 AM	13	188	3	204	3	2	**5**	**10**	**22**	122	**7**	**151**	0	**10**	2	12	377
08:00 AM	**15**	231	3	249	1	**3**	1	5	15	107	4	126	0	7	1	8	388
08:15 AM	11	216	3	230	1	0	2	3	13	**126**	6	145	**1**	8	5	14	392
Total Volume	51	884	13	948	8	5	9	22	62	477	22	561	1	34	14	49	1580
% App. Total	5.4	93.2	1.4		36.4	22.7	40.9		11.1	85	3.9		2	69.4	28.6		
PHF	.850	.888	.813	.894	.667	.417	.450	.550	.705	.946	.786	.929	.250	.850	.583	.817	.934

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City of Irvine
N/S: Irvine Boulevard
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Weather: Clear

File Name : 592_IRV_Irv B_Fair Thu AM
Site Code : 19224028
Start Date : 1/25/2024
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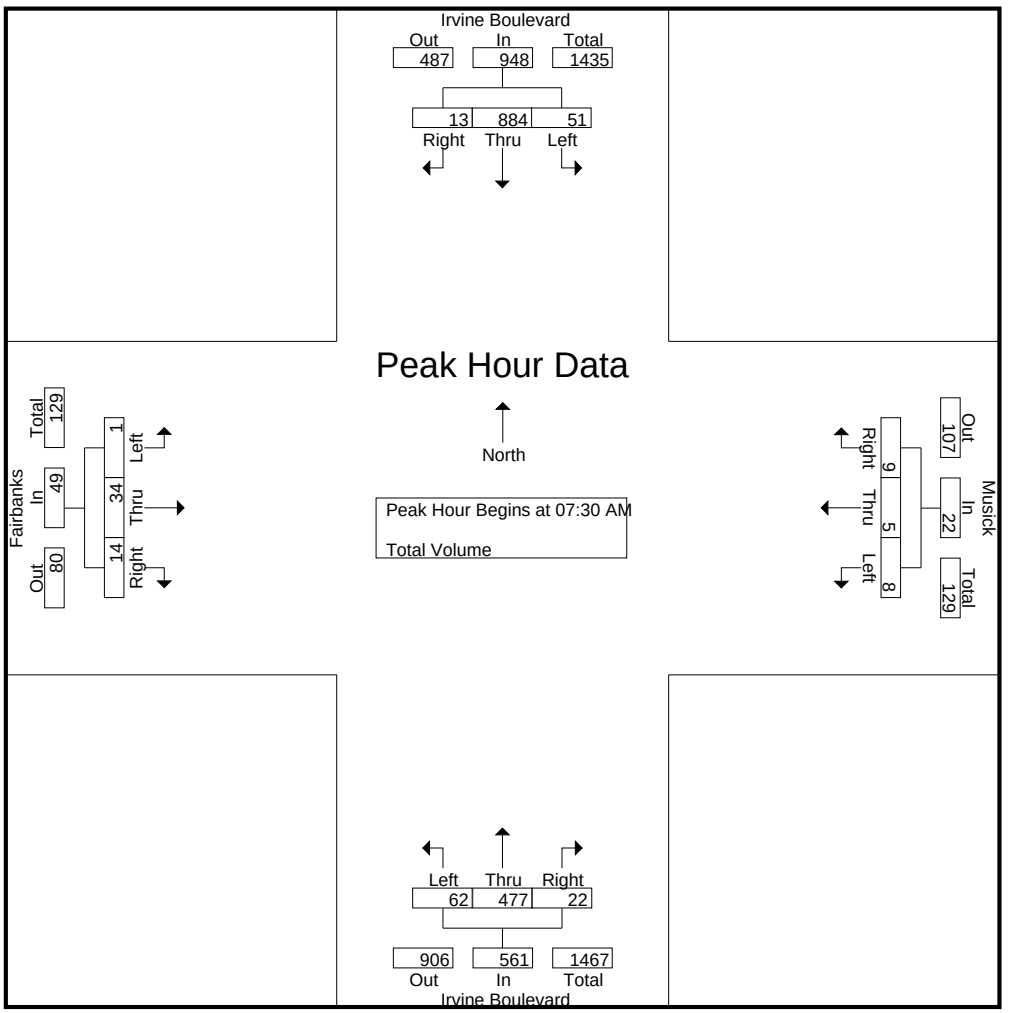

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:00 AM			
+0 mins.	12	**249**	**4**	**265**	**3**	2	**5**	**10**	**22**	122	**7**	**151**	0	9	6	**15**
+15 mins.	13	188	3	204	1	**3**	1	5	15	107	4	126	0	7	**7**	14
+30 mins.	**15**	231	3	249	1	0	2	3	13	**126**	6	145	0	9	6	15
+45 mins.	11	216	3	230	3	0	4	7	14	124	4	142	0	**10**	2	12
Total Volume	51	884	13	948	8	5	12	25	64	479	21	564	0	35	21	56
% App. Total	5.4	93.2	1.4		32	20	48		11.3	84.9	3.7		0	62.5	37.5	
PHF	.850	.888	.813	.894	.667	.417	.600	.625	.727	.950	.750	.934	.000	.875	.750	.933

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City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	148	1	149	4	8	16	28	8	178	1	187	4	1	12	17	381
04:15 PM	2	159	0	161	3	3	9	15	2	168	0	170	1	6	17	24	370
04:30 PM	1	145	1	147	4	7	19	30	6	165	0	171	5	2	11	18	366
04:45 PM	3	158	1	162	3	2	11	16	3	174	0	177	1	2	26	29	384
Total	6	610	3	619	14	20	55	89	19	685	1	705	11	11	66	88	1501
05:00 PM	1	164	1	166	5	8	13	26	5	207	0	212	9	0	40	49	453
05:15 PM	2	176	0	178	3	3	9	15	5	199	0	204	3	1	20	24	421
05:30 PM	0	159	0	159	5	5	8	18	4	198	1	203	3	0	27	30	410
05:45 PM	2	169	1	172	1	0	9	10	3	183	0	186	3	0	14	17	385
Total	5	668	2	675	14	16	39	69	17	787	1	805	18	1	101	120	1669
06:00 PM	3	148	0	151	0	4	4	8	1	148	0	149	2	0	16	18	326
06:15 PM	2	150	0	152	3	3	6	12	2	135	1	138	2	0	10	12	314
Grand Total	16	1576	5	1597	31	43	104	178	39	1755	3	1797	33	12	193	238	3810
Apprch %	1	98.7	0.3		17.4	24.2	58.4		2.2	97.7	0.2		13.9	5	81.1		
Total %	0.4	41.4	0.1	41.9	0.8	1.1	2.7	4.7	1	46.1	0.1	47.2	0.9	0.3	5.1	6.2	

	Irvine Boulevard Southbound				Musick Westbound				Irvine Boulevard Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	164	**1**	166	**5**	**8**	**13**	**26**	**5**	**207**	0	**212**	**9**	0	**40**	**49**	**453**
05:15 PM	**2**	**176**	0	**178**	3	3	9	15	5	199	0	204	3	**1**	20	24	421
05:30 PM	0	159	0	159	5	5	8	18	4	198	**1**	203	3	0	27	30	410
05:45 PM	2	169	1	172	1	0	9	10	3	183	0	186	3	0	14	17	385
Total Volume	5	668	2	675	14	16	39	69	17	787	1	805	18	1	101	120	1669
% App. Total	0.7	99	0.3		20.3	23.2	56.5		2.1	97.8	0.1		15	0.8	84.2		
PHF	.625	.949	.500	.948	.700	.500	.750	.663	.850	.950	.250	.949	.500	.250	.631	.612	.921

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City of Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick
Weather: Clear

File Name : 592_IRV_Irv B_Fair Thu PM
Site Code : 19224028
Start Date : 1/25/2024
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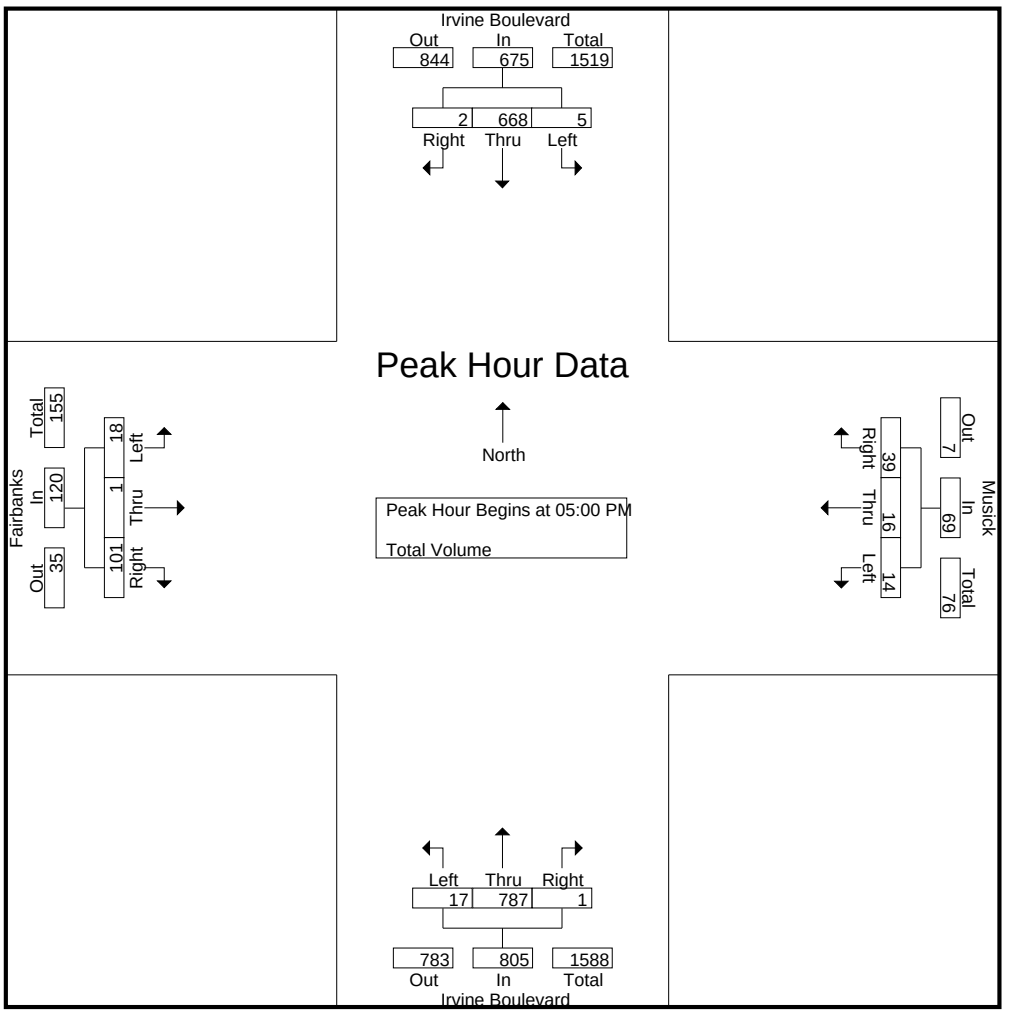

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				05:00 PM				04:45 PM			
+0 mins.	1	164	**1**	166	**4**	**8**	16	28	**5**	**207**	0	**212**	1	**2**	26	29
+15 mins.	**2**	**176**	0	**178**	3	3	9	15	5	199	0	204	**9**	0	**40**	**49**
+30 mins.	0	159	0	159	4	7	**19**	**30**	4	198	**1**	203	3	1	20	24
+45 mins.	2	169	1	172	3	2	11	16	3	183	0	186	3	0	27	30
Total Volume	5	668	2	675	14	20	55	89	17	787	1	805	16	3	113	132
% App. Total	0.7	99	0.3		15.7	22.5	61.8		2.1	97.8	0.1		12.1	2.3	85.6	
PHF	.625	.949	.500	.948	.875	.625	.724	.742	.850	.950	.250	.949	.444	.375	.706	.673

Location: Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Irvine Boulevard Pedestrians	East Leg Musick Pedestrians	South Leg Irvine Boulevard Pedestrians	West Leg Fairbanks Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	1	0	1	0	2
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	1	0	2	3
8:15 AM	0	1	0	2	3
8:30 AM	0	0	0	1	1
8:45 AM	0	0	0	2	2
TOTAL VOLUMES:	1	3	1	7	12

	North Leg Irvine Boulevard Pedestrians	East Leg Musick Pedestrians	South Leg Irvine Boulevard Pedestrians	West Leg Fairbanks Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	2	0	0	2
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	1	1
5:30 PM	1	1	0	0	2
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	1	3	0	2	6

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Location: Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Irvine Boulevard			Westbound Musick			Northbound Irvine Boulevard			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	0	0	2	0	0	1	0	5

	Southbound Irvine Boulevard			Westbound Musick			Northbound Irvine Boulevard			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	3	0	0	0	1	0	0	3	0	0	0	0	7

Location: Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Irvine Boulevard	East Leg Musick	South Leg Irvine Boulevard	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	1	2
8:00 AM	0	0	0	1	1
8:15 AM	1	0	0	0	1
8:30 AM	1	0	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	2	0	1	2	5

	North Leg Irvine Boulevard	East Leg Musick	South Leg Irvine Boulevard	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	1	0	0	1
5:00 PM	0	0	0	2	2
5:15 PM	0	0	0	0	0
5:30 PM	0	2	0	0	2
5:45 PM	0	0	0	0	0
6:00 PM	1	0	0	0	1
6:15 PM	0	0	0	1	1
TOTAL VOLUMES:	1	3	0	3	7

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Location: Irvine
N/S: Irvine Boulevard
E/W: Fairbanks/Musick

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Irvine Boulevard			Westbound Musick			Northbound Irvine Boulevard			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	1	2	0	1	0	0	0	0	0	0	0	4

	Southbound Irvine Boulevard			Westbound Musick			Northbound Irvine Boulevard			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	0	0	1	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	4	0	0	0	0	4
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1	0	0	8	0	0	0	0	10

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City of Irvine
N/S: Alton Parkway
E/W: Fairbanks
Weather: Clear

File Name : 593_IRV_Alton_Fair Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	197	7	204	6	3	0	9	2	79	16	97	8	2	0	10	320
07:15 AM	0	250	12	262	4	1	0	5	0	93	15	108	6	2	0	8	383
07:30 AM	0	328	8	336	10	3	0	13	2	87	10	99	9	2	3	14	462
07:45 AM	0	388	15	403	9	5	0	14	2	124	17	143	4	0	1	5	565
Total	0	1163	42	1205	29	12	0	41	6	383	58	447	27	6	4	37	1730
08:00 AM	1	430	12	443	10	0	0	10	2	101	19	122	3	0	0	3	578
08:15 AM	0	365	7	372	12	4	0	16	1	132	14	147	3	2	1	6	541
08:30 AM	0	361	13	374	7	0	0	7	1	151	20	172	8	1	1	10	563
08:45 AM	1	362	9	372	6	2	1	9	6	116	17	139	4	1	0	5	525
Total	2	1518	41	1561	35	6	1	42	10	500	70	580	18	4	2	24	2207
Grand Total	2	2681	83	2766	64	18	1	83	16	883	128	1027	45	10	6	61	3937
Apprch %	0.1	96.9	3		77.1	21.7	1.2		1.6	86	12.5		73.8	16.4	9.8		
Total %	0.1	68.1	2.1	70.3	1.6	0.5	0	2.1	0.4	22.4	3.3	26.1	1.1	0.3	0.2	1.5	

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	388	**15**	403	9	**5**	0	14	**2**	124	17	143	4	0	**1**	5	565
08:00 AM	**1**	**430**	12	**443**	10	0	0	10	2	101	19	122	3	0	0	3	**578**
08:15 AM	0	365	7	372	**12**	4	0	**16**	1	132	14	147	3	**2**	1	6	541
08:30 AM	0	361	13	374	7	0	0	7	1	**151**	**20**	**172**	**8**	1	1	**10**	563
Total Volume	1	1544	47	1592	38	9	0	47	6	508	70	584	18	3	3	24	2247
% App. Total	0.1	97	3		80.9	19.1	0		1	87	12		75	12.5	12.5		
PHF	.250	.898	.783	.898	.792	.450	.000	.734	.750	.841	.875	.849	.563	.375	.750	.600	.972

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City of Irvine
N/S: Alton Parkway
E/W: Fairbanks
Weather: Clear

File Name : 593_IRV_Alton_Fair Tue AM
Site Code : 19224028
Start Date : 1/23/2024
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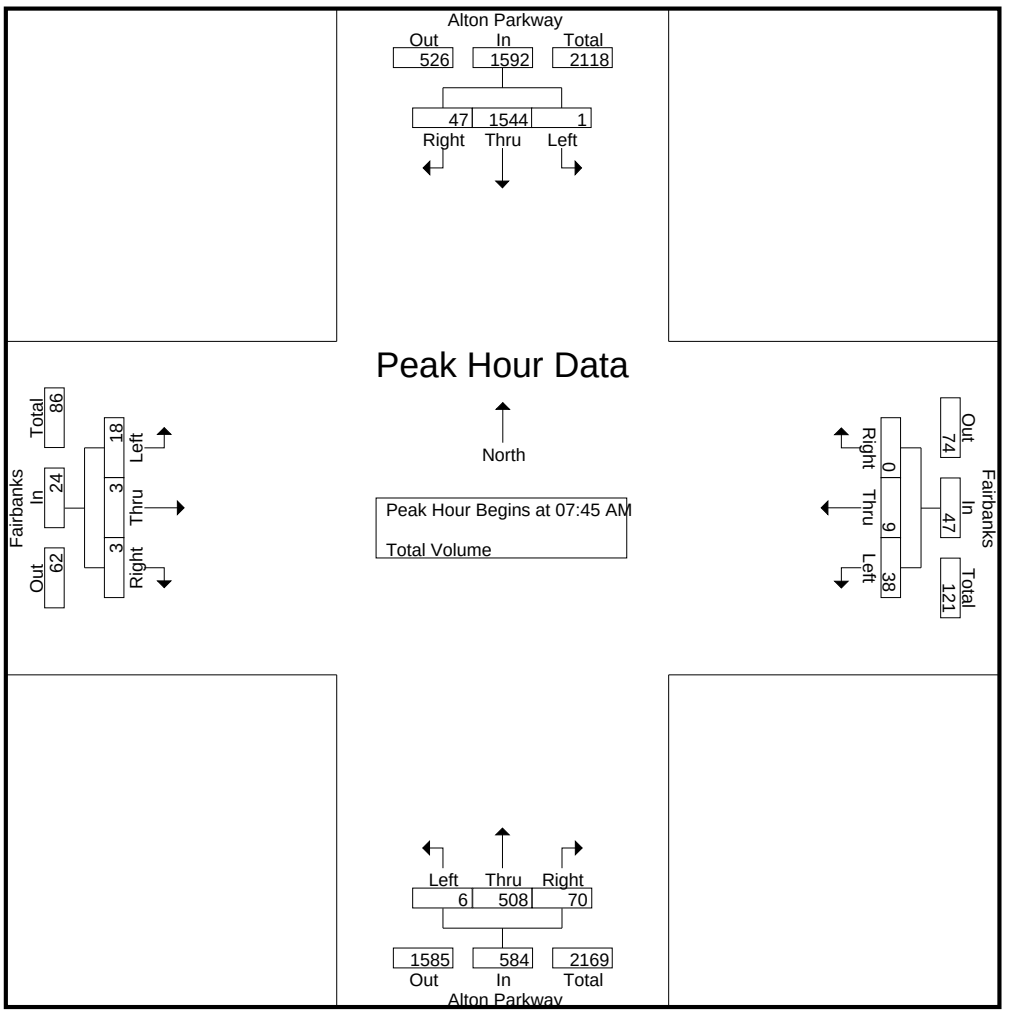

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:00 AM			
+0 mins.	0	388	**15**	403	10	3	0	13	**2**	124	17	143	8	**2**	0	10
+15 mins.	**1**	**430**	12	**443**	9	**5**	0	14	2	101	19	122	6	2	0	8
+30 mins.	0	365	7	372	10	0	0	10	1	132	14	147	**9**	2	**3**	**14**
+45 mins.	0	361	13	374	**12**	4	0	**16**	1	**151**	**20**	**172**	4	0	1	5
Total Volume	1	1544	47	1592	41	12	0	53	6	508	70	584	27	6	4	37
% App. Total	0.1	97	3		77.4	22.6	0		1	87	12		73	16.2	10.8	
PHF	.250	.898	.783	.898	.854	.600	.000	.828	.750	.841	.875	.849	.750	.750	.333	.661

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City of Irvine
N/S: Alton Parkway
E/W: Fairbanks
Weather: Clear

File Name : 593_IRV_Alton_Fair Tue PM
Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	120	3	124	9	1	2	12	0	245	7	252	11	3	4	18	406
04:15 PM	0	146	2	148	8	1	2	11	2	267	12	281	4	2	2	8	448
04:30 PM	0	116	3	119	11	2	0	13	0	260	8	268	12	3	0	15	415
04:45 PM	0	125	3	128	6	1	2	9	1	311	10	322	8	1	2	11	470
Total	1	507	11	519	34	5	6	45	3	1083	37	1123	35	9	8	52	1739
05:00 PM	0	165	1	166	11	2	0	13	0	297	10	307	13	2	1	16	502
05:15 PM	1	158	1	160	9	3	0	12	2	415	20	437	10	1	4	15	624
05:30 PM	0	123	2	125	11	1	1	13	1	334	9	344	7	3	2	12	494
05:45 PM	0	125	3	128	10	1	1	12	1	310	14	325	6	0	1	7	472
Total	1	571	7	579	41	7	2	50	4	1356	53	1413	36	6	8	50	2092
06:00 PM	0	124	1	125	5	0	2	7	0	290	10	300	5	4	1	10	442
06:15 PM	0	104	4	108	4	0	0	4	0	268	8	276	1	1	2	4	392
Grand Total	2	1306	23	1331	84	12	10	106	7	2997	108	3112	77	20	19	116	4665
Apprch %	0.2	98.1	1.7		79.2	11.3	9.4		0.2	96.3	3.5		66.4	17.2	16.4		
Total %	0	28	0.5	28.5	1.8	0.3	0.2	2.3	0.2	64.2	2.3	66.7	1.7	0.4	0.4	2.5	

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	**165**	1	**166**	**11**	2	0	**13**	0	297	10	307	**13**	2	1	**16**	502
05:15 PM	**1**	158	1	160	9	**3**	0	12	**2**	**415**	**20**	**437**	10	1	**4**	15	**624**
05:30 PM	0	123	2	125	11	1	**1**	13	1	334	9	344	7	**3**	2	12	494
05:45 PM	0	125	**3**	128	10	1	1	12	1	310	14	325	6	0	1	7	472
Total Volume	1	571	7	579	41	7	2	50	4	1356	53	1413	36	6	8	50	2092
% App. Total	0.2	98.6	1.2		82	14	4		0.3	96	3.8		72	12	16		
PHF	.250	.865	.583	.872	.932	.583	.500	.962	.500	.817	.663	.808	.692	.500	.500	.781	.838

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City of Irvine
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Weather: Clear

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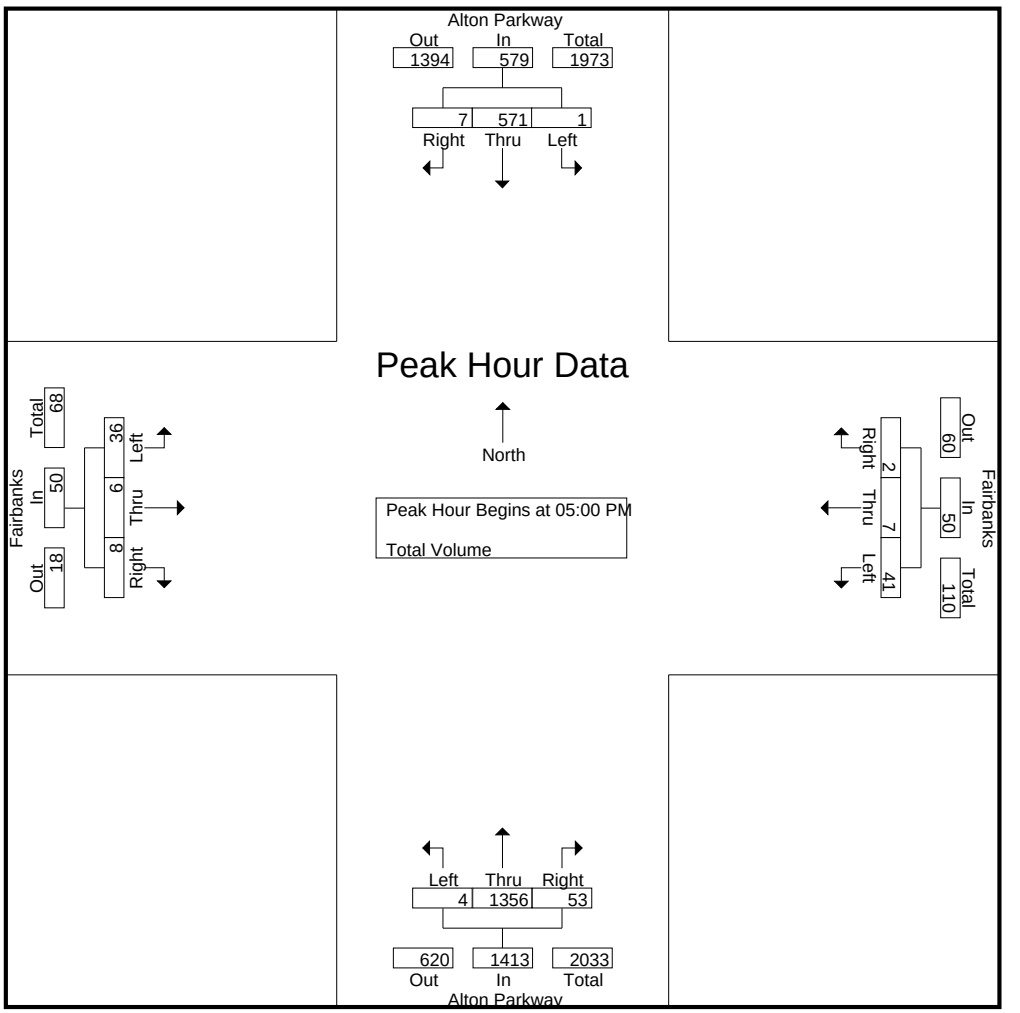

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				05:00 PM				04:30 PM			
+0 mins.	0	125	**3**	128	**11**	2	0	**13**	0	297	10	307	12	**3**	0	15
+15 mins.	0	**165**	1	**166**	9	**3**	0	12	**2**	**415**	**20**	**437**	8	1	2	11
+30 mins.	**1**	158	1	160	11	1	**1**	13	1	334	9	344	**13**	2	1	**16**
+45 mins.	0	123	2	125	10	1	1	12	1	310	14	325	10	1	**4**	15
Total Volume	1	571	7	579	41	7	2	50	4	1356	53	1413	43	7	7	57
% App. Total	0.2	98.6	1.2		82	14	4		0.3	96	3.8		75.4	12.3	12.3	
PHF	.250	.865	.583	.872	.932	.583	.500	.962	.500	.817	.663	.808	.827	.583	.438	.891

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City of Irvine
N/S: Alton Parkway
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Weather: Clear

File Name : 593_IRV_Alton_Fair Thu AM
Site Code : 19224028
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Groups Printed- Total Volume

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	261	14	277	1	2	1	4	9	68	16	93	5	0	0	5	379
07:15 AM	0	311	9	320	0	3	1	4	2	84	12	98	7	2	1	10	432
07:30 AM	3	416	12	431	7	1	1	9	1	97	11	109	13	2	1	16	565
07:45 AM	2	527	15	544	3	3	0	6	5	121	21	147	4	2	2	8	705
Total	7	1515	50	1572	11	9	3	23	17	370	60	447	29	6	4	39	2081
08:00 AM	0	483	7	490	11	1	0	12	1	98	16	115	5	3	3	11	628
08:15 AM	1	426	9	436	5	1	0	6	1	178	21	200	2	0	1	3	645
08:30 AM	1	382	11	394	7	1	0	8	3	116	13	132	0	1	1	2	536
08:45 AM	2	342	17	361	2	3	0	5	4	97	13	114	3	4	1	8	488
Total	4	1633	44	1681	25	6	0	31	9	489	63	561	10	8	6	24	2297
Grand Total	11	3148	94	3253	36	15	3	54	26	859	123	1008	39	14	10	63	4378
Apprch %	0.3	96.8	2.9		66.7	27.8	5.6		2.6	85.2	12.2		61.9	22.2	15.9		
Total %	0.3	71.9	2.1	74.3	0.8	0.3	0.1	1.2	0.6	19.6	2.8	23	0.9	0.3	0.2	1.4	

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	**3**	416	12	431	7	1	**1**	9	1	97	11	109	**13**	2	1	**16**	565
07:45 AM	2	**527**	**15**	**544**	3	**3**	0	6	**5**	121	**21**	147	4	2	2	8	**705**
08:00 AM	0	483	7	490	**11**	1	0	**12**	1	98	16	115	5	**3**	**3**	11	628
08:15 AM	1	426	9	436	5	1	0	6	1	**178**	21	**200**	2	0	1	3	645
Total Volume	6	1852	43	1901	26	6	1	33	8	494	69	571	24	7	7	38	2543
% App. Total	0.3	97.4	2.3		78.8	18.2	3		1.4	86.5	12.1		63.2	18.4	18.4		
PHF	.500	.879	.717	.874	.591	.500	.250	.688	.400	.694	.821	.714	.462	.583	.583	.594	.902

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Weather: Clear

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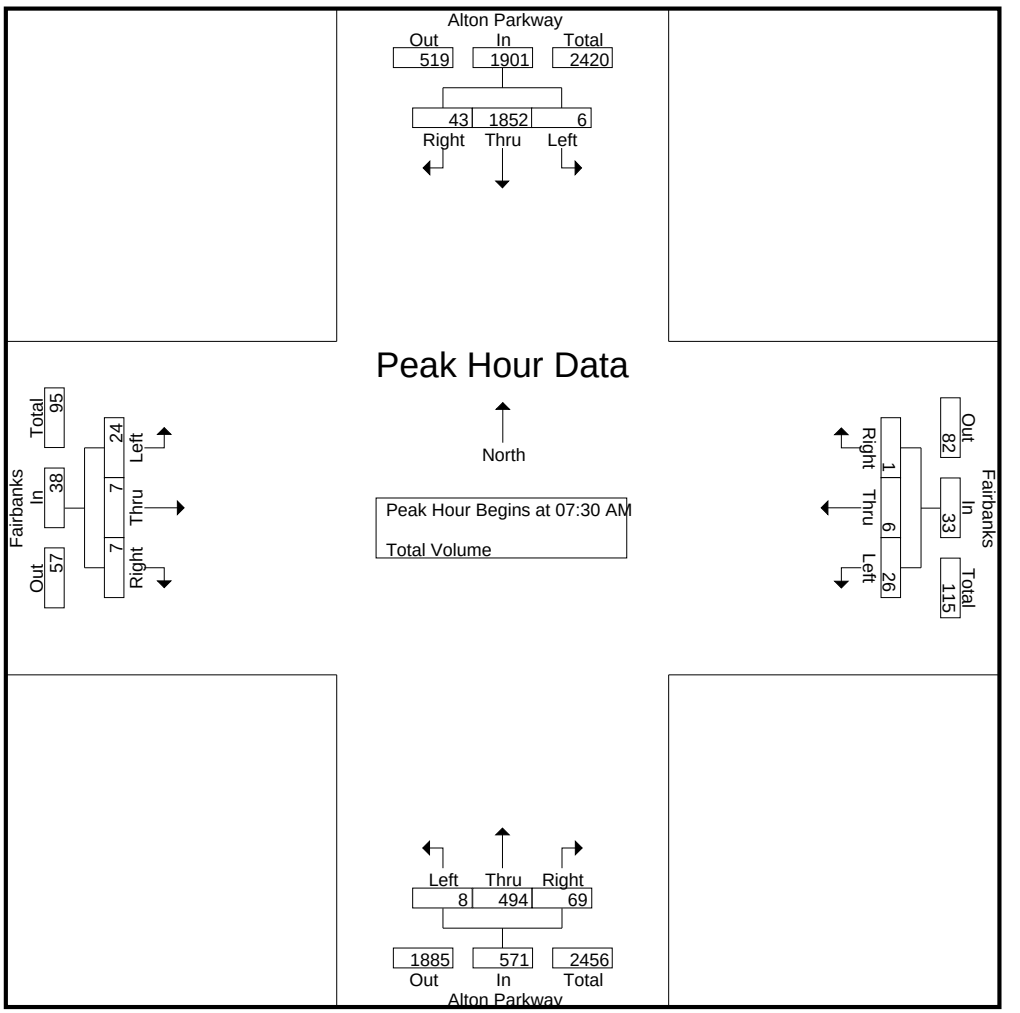

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:45 AM				07:15 AM			
+0 mins.	**3**	416	12	431	7	1	**1**	9	**5**	121	**21**	147	7	2	1	10
+15 mins.	2	**527**	**15**	**544**	3	**3**	0	6	1	98	16	115	**13**	2	1	**16**
+30 mins.	0	483	7	490	**11**	1	0	**12**	1	**178**	21	**200**	4	2	2	8
+45 mins.	1	426	9	436	5	1	0	6	3	116	13	132	5	**3**	**3**	11
Total Volume	6	1852	43	1901	26	6	1	33	10	513	71	594	29	9	7	45
% App. Total	0.3	97.4	2.3		78.8	18.2	3		1.7	86.4	12		64.4	20	15.6	
PHF	.500	.879	.717	.874	.591	.500	.250	.688	.500	.721	.845	.743	.558	.750	.583	.703

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City of Irvine
N/S: Alton Parkway
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Weather: Clear

File Name : 593_IRV_Alton_Fair Thu PM
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Groups Printed- Total Volume

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	154	3	157	16	2	2	20	0	226	8	234	15	2	4	21	432
04:15 PM	0	151	1	152	5	0	1	6	2	278	12	292	7	4	0	11	461
04:30 PM	0	122	1	123	13	2	1	16	0	269	8	277	12	0	1	13	429
04:45 PM	0	125	1	126	6	0	0	6	0	280	20	300	10	0	4	14	446
Total	0	552	6	558	40	4	4	48	2	1053	48	1103	44	6	9	59	1768
05:00 PM	1	153	3	157	18	1	1	20	0	325	19	344	13	5	2	20	541
05:15 PM	0	167	2	169	8	1	1	10	1	378	9	388	12	2	3	17	584
05:30 PM	0	140	1	141	9	1	1	11	1	281	15	297	6	3	0	9	458
05:45 PM	0	124	1	125	5	0	3	8	1	285	8	294	5	0	1	6	433
Total	1	584	7	592	40	3	6	49	3	1269	51	1323	36	10	6	52	2016
06:00 PM	1	88	5	94	11	0	1	12	0	248	4	252	4	2	2	8	366
06:15 PM	1	129	2	132	6	0	2	8	2	232	9	243	3	0	0	3	386
Grand Total	3	1353	20	1376	97	7	13	117	7	2802	112	2921	87	18	17	122	4536
Apprch %	0.2	98.3	1.5		82.9	6	11.1		0.2	95.9	3.8		71.3	14.8	13.9		
Total %	0.1	29.8	0.4	30.3	2.1	0.2	0.3	2.6	0.2	61.8	2.5	64.4	1.9	0.4	0.4	2.7	

	Alton Parkway Southbound				Fairbanks Westbound				Alton Parkway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	125	1	126	6	0	0	6	0	280	**20**	300	10	0	**4**	14	446
05:00 PM	**1**	153	**3**	157	**18**	**1**	**1**	**20**	0	325	19	344	**13**	**5**	2	**20**	541
05:15 PM	0	**167**	2	**169**	8	1	1	10	**1**	**378**	9	**388**	12	2	3	17	**584**
05:30 PM	0	140	1	141	9	1	1	11	1	281	15	297	6	3	0	9	458
Total Volume	1	585	7	593	41	3	3	47	2	1264	63	1329	41	10	9	60	2029
% App. Total	0.2	98.7	1.2		87.2	6.4	6.4		0.2	95.1	4.7		68.3	16.7	15		
PHF	.250	.876	.583	.877	.569	.750	.750	.588	.500	.836	.788	.856	.788	.500	.563	.750	.869

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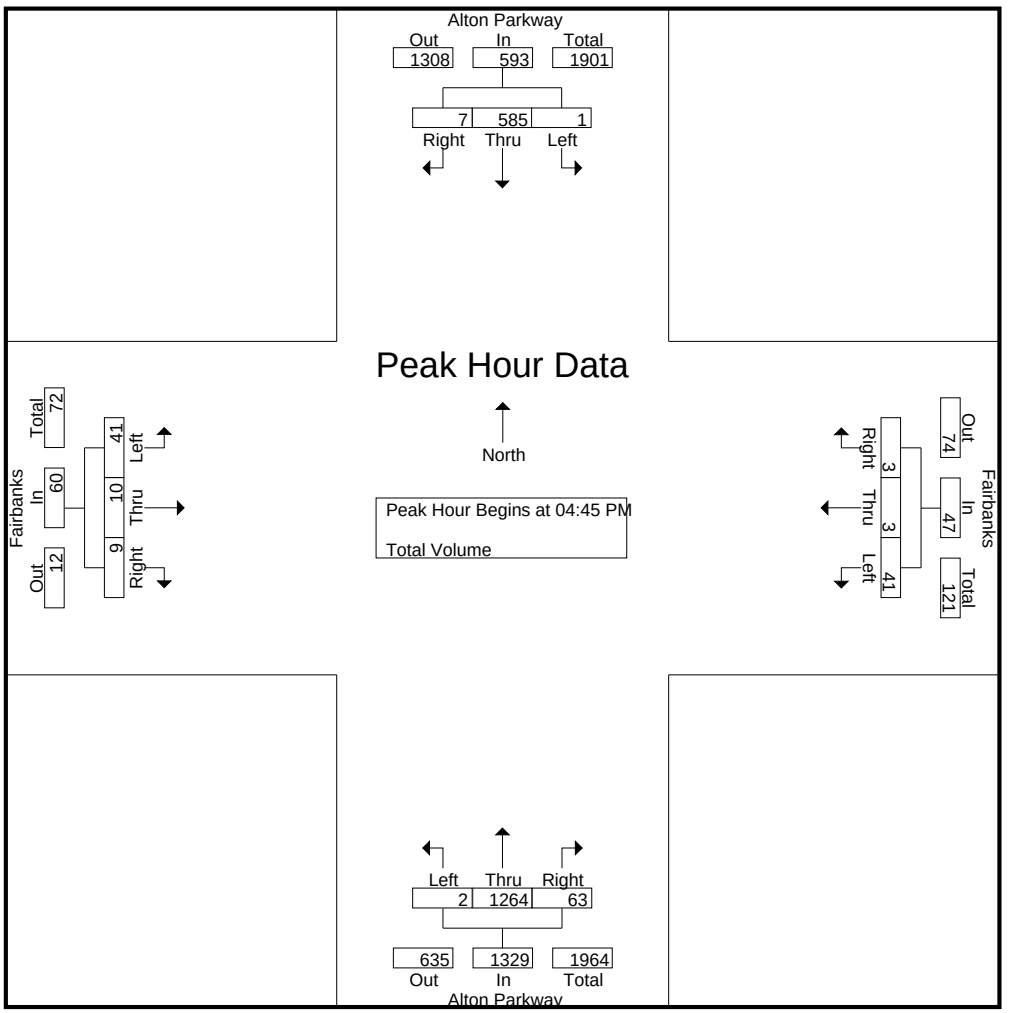

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:45 PM				04:30 PM			
+0 mins.	0	125	1	126	13	**2**	**1**	16	0	280	**20**	300	12	0	1	13
+15 mins.	**1**	153	**3**	157	6	0	0	6	0	325	19	344	10	0	**4**	14
+30 mins.	0	**167**	2	**169**	**18**	1	1	**20**	**1**	**378**	9	**388**	**13**	**5**	2	**20**
+45 mins.	0	140	1	141	8	1	1	10	1	281	15	297	12	2	3	17
Total Volume	1	585	7	593	45	4	3	52	2	1264	63	1329	47	7	10	64
% App. Total	0.2	98.7	1.2		86.5	7.7	5.8		0.2	95.1	4.7		73.4	10.9	15.6	
PHF	.250	.876	.583	.877	.625	.500	.750	.650	.500	.836	.788	.856	.904	.350	.625	.800

Location: Irvine
N/S: Alton Parkway
E/W: Fairbanks

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Fairbanks	South Leg Alton Parkway	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	1	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	1	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	1	0	1	3

	North Leg Alton Parkway	East Leg Fairbanks	South Leg Alton Parkway	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	1	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	1	2

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Location: Irvine
N/S: Alton Parkway
E/W: Fairbanks

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Alton Parkway			Westbound Fairbanks			Northbound Alton Parkway			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	2	0	0	0	0	0	2	0	0	0	0	4
7:15 AM	0	0	0	0	0	0	0	1	1	0	0	0	2
7:30 AM	0	2	1	0	0	0	0	2	0	0	0	0	5
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	0	7	1	0	0	0	0	6	2	0	0	0	16

	Southbound Alton Parkway			Westbound Fairbanks			Northbound Alton Parkway			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	2	0	1	0	0	0	0	0	0	0	0	3
5:00 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
5:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL VOLUMES:	0	6	1	2	0	0	0	5	1	0	0	0	15

Location: Irvine
N/S: Alton Parkway
E/W: Fairbanks

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Alton Parkway	East Leg Fairbanks	South Leg Alton Parkway	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	1	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	1	2

	North Leg Alton Parkway	East Leg Fairbanks	South Leg Alton Parkway	West Leg Fairbanks	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	1	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	3	0	0	3
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	1	4

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Location: Irvine
N/S: Alton Parkway
E/W: Fairbanks

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Alton Parkway			Westbound Fairbanks			Northbound Alton Parkway			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	0	0	0	3	1	1	0	0	5

	Southbound Alton Parkway			Westbound Fairbanks			Northbound Alton Parkway			Eastbound Fairbanks			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	1	0	0	0	0	2	0	0	0	0	3
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	1	0	0	1	0	2	0	0	0	0	7

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City of Irvine
N/S: Astor
E/W: Fairbanks
Weather: Clear

File Name : 594_IRV_FAIR_ASTOR AM
Site Code : 05124139
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Groups Printed- Total Volume

	Astor Southbound				Fairbanks Westbound				Jupitor Corp. Driveway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	0	8	14	0	2	17	19	0	0	0	0	7	1	2	10	43
07:15 AM	8	0	4	12	0	10	6	16	0	0	0	0	3	5	0	8	36
07:30 AM	3	0	0	3	1	8	8	17	0	0	1	1	6	2	1	9	30
07:45 AM	1	0	2	3	1	12	9	22	0	0	0	0	3	1	2	6	31
Total	18	0	14	32	2	32	40	74	0	0	1	1	19	9	5	33	140
08:00 AM	6	0	0	6	0	17	7	24	0	0	0	0	7	1	0	8	38
08:15 AM	8	0	2	10	0	9	10	19	0	0	0	0	6	0	1	7	36
08:30 AM	2	0	3	5	0	3	7	10	0	0	0	0	1	1	0	2	17
08:45 AM	4	0	3	7	0	11	17	28	0	0	0	0	2	3	0	5	40
Total	20	0	8	28	0	40	41	81	0	0	0	0	16	5	1	22	131
Grand Total	38	0	22	60	2	72	81	155	0	0	1	1	35	14	6	55	271
Apprch %	63.3	0	36.7		1.3	46.5	52.3		0	0	100		63.6	25.5	10.9		
Total %	14	0	8.1	22.1	0.7	26.6	29.9	57.2	0	0	0.4	0.4	12.9	5.2	2.2	20.3	

	Astor Southbound				Fairbanks Westbound				Jupitor Corp. Driveway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	6	0	8	14	0	2	17	19	0	0	0	0	7	1	2	10	43
07:15 AM	8	0	4	12	0	10	6	16	0	0	0	0	3	5	0	8	36
07:30 AM	3	0	0	3	1	8	8	17	0	0	1	1	6	2	1	9	30
07:45 AM	1	0	2	3	1	12	9	22	0	0	0	0	3	1	2	6	31
Total Volume	18	0	14	32	2	32	40	74	0	0	1	1	19	9	5	33	140
% App. Total	56.2	0	43.8		2.7	43.2	54.1		0	0	100		57.6	27.3	15.2		
PHF	.563	.000	.438	.571	.500	.667	.588	.841	.000	.000	.250	.250	.679	.450	.625	.825	.814

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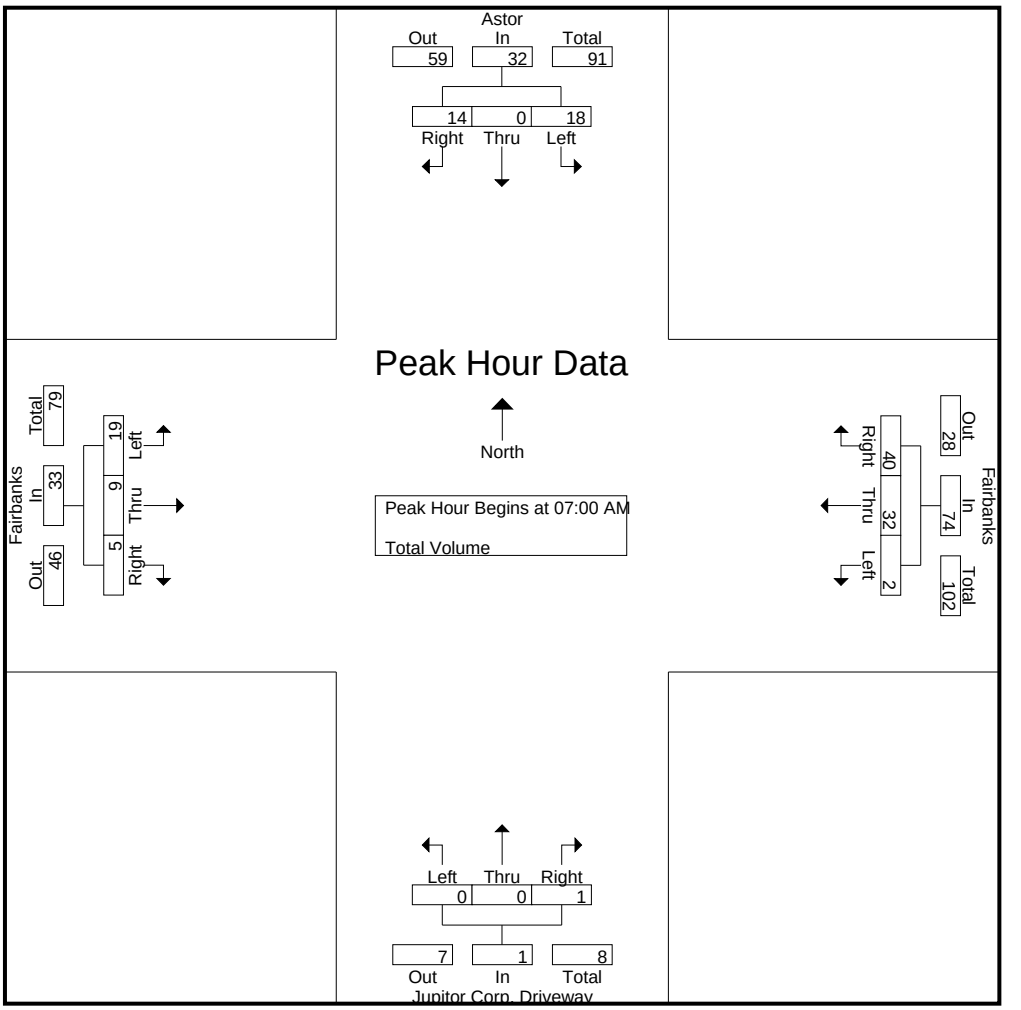

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:30 AM				07:00 AM				07:00 AM			
+0 mins.	6	0	8	14	1	8	8	17	0	0	0	0	7	1	2	10
+15 mins.	8	0	4	12	1	12	9	22	0	0	0	0	3	5	0	8
+30 mins.	3	0	0	3	0	17	7	24	0	0	1	1	6	2	1	9
+45 mins.	1	0	2	3	0	9	10	19	0	0	0	0	3	1	2	6
Total Volume	18	0	14	32	2	46	34	82	0	0	1	1	19	9	5	33
% App. Total	56.2	0	43.8		2.4	56.1	41.5		0	0	100		57.6	27.3	15.2	
PHF	.563	.000	.438	.571	.500	.676	.850	.854	.000	.000	.250	.250	.679	.450	.625	.825

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Groups Printed- Total Volume

	Astor Southbound				Fairbanks Westbound				Jupitor Corp. Driveway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	10	0	5	15	0	4	1	5	5	0	5	10	4	11	0	15	45
04:15 PM	10	0	4	14	0	2	1	3	2	0	2	4	5	7	0	12	33
04:30 PM	10	0	7	17	0	2	3	5	0	0	0	0	4	15	0	19	41
04:45 PM	4	0	2	6	0	1	2	3	0	0	1	1	3	8	0	11	21
Total	34	0	18	52	0	9	7	16	7	0	8	15	16	41	0	57	140
05:00 PM	9	0	6	15	0	2	3	5	0	0	0	0	1	11	0	12	32
05:15 PM	7	0	4	11	0	1	3	4	0	0	0	0	2	10	0	12	27
05:30 PM	6	0	1	7	0	0	2	2	0	0	0	0	2	6	0	8	17
05:45 PM	2	0	2	4	0	3	3	6	0	0	0	0	2	1	0	3	13
Total	24	0	13	37	0	6	11	17	0	0	0	0	7	28	0	35	89
Grand Total	58	0	31	89	0	15	18	33	7	0	8	15	23	69	0	92	229
Apprch %	65.2	0	34.8		0	45.5	54.5		46.7	0	53.3		25	75	0		
Total %	25.3	0	13.5	38.9	0	6.6	7.9	14.4	3.1	0	3.5	6.6	10	30.1	0	40.2	

	Astor Southbound				Fairbanks Westbound				Jupitor Corp. Driveway Northbound				Fairbanks Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	10	0	5	15	0	4	1	5	5	0	5	10	4	11	0	15	45
04:15 PM	10	0	4	14	0	2	1	3	2	0	2	4	5	7	0	12	33
04:30 PM	10	0	7	17	0	2	3	5	0	0	0	0	4	15	0	19	41
04:45 PM	4	0	2	6	0	1	2	3	0	0	1	1	3	8	0	11	21
Total Volume	34	0	18	52	0	9	7	16	7	0	8	15	16	41	0	57	140
% App. Total	65.4	0	34.6		0	56.2	43.8		46.7	0	53.3		28.1	71.9	0		
PHF	.850	.000	.643	.765	.000	.563	.583	.800	.350	.000	.400	.375	.800	.683	.000	.750	.778

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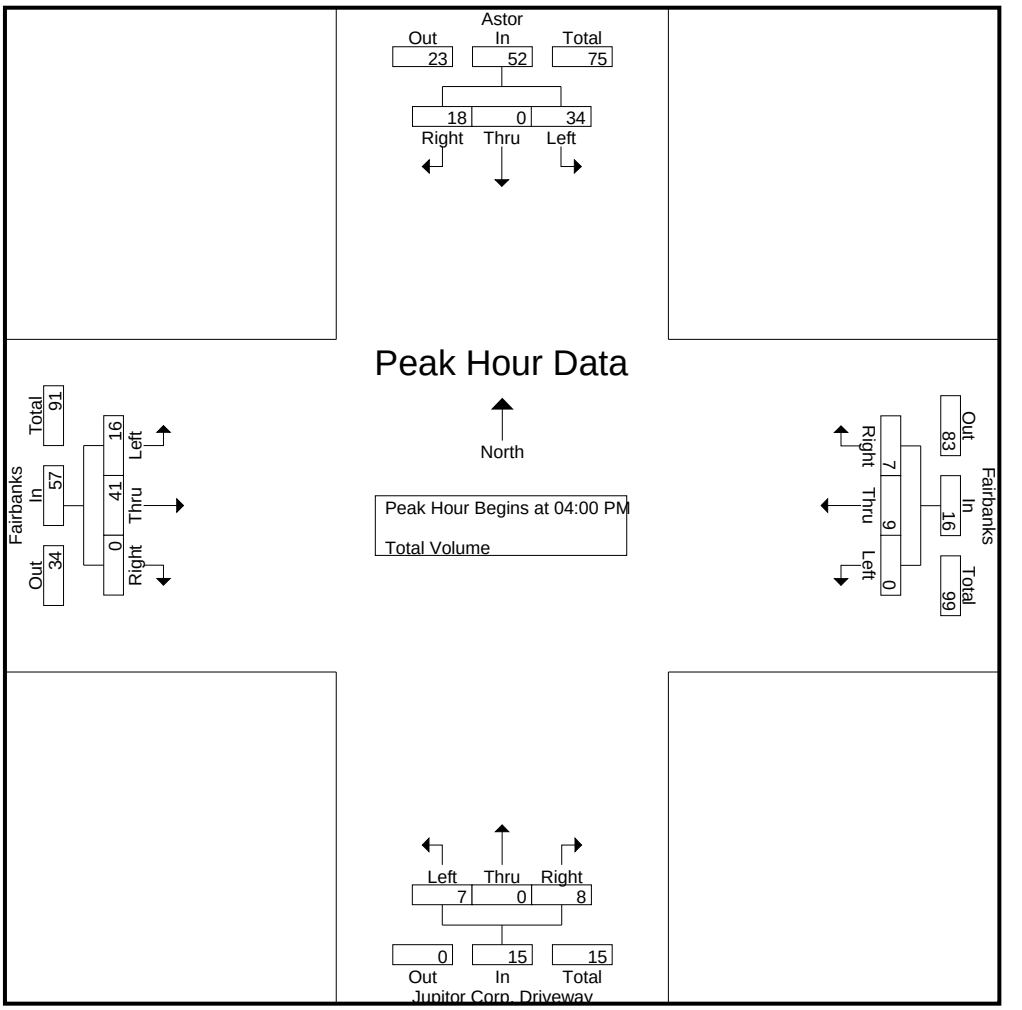

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				04:00 PM			
+0 mins.	10	0	5	15	0	2	3	5	5	0	5	10	4	11	0	15
+15 mins.	10	0	4	14	0	1	2	3	2	0	2	4	5	7	0	12
+30 mins.	10	0	7	17	0	2	3	5	0	0	0	0	4	15	0	19
+45 mins.	4	0	2	6	0	1	3	4	0	0	1	1	3	8	0	11
Total Volume	34	0	18	52	0	6	11	17	7	0	8	15	16	41	0	57
% App. Total	65.4	0	34.6		0	35.3	64.7		46.7	0	53.3		28.1	71.9	0	
PHF	.850	.000	.643	.765	.000	.750	.917	.850	.350	.000	.400	.375	.800	.683	.000	.750

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City of Irvine
N/S: Thomas
E/W: Muirlands Boulevard
Weather: Clear

File Name : 640_IRV_Thomas_Muir Tue AM
Site Code : 19224028
Start Date : 1/23/2024
Page No : 1

Groups Printed- Total Volume

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	2	2	2	35	8	45	3	13	2	18	8	22	17	47	112
07:15 AM	1	0	1	2	0	54	5	59	4	3	0	7	5	36	17	58	126
07:30 AM	3	3	1	7	2	67	6	75	5	14	0	19	6	50	15	71	172
07:45 AM	5	0	1	6	2	97	4	103	7	7	0	14	8	67	22	97	220
Total	9	3	5	17	6	253	23	282	19	37	2	58	27	175	71	273	630
08:00 AM	2	3	3	8	0	116	9	125	19	9	0	28	10	114	22	146	307
08:15 AM	0	3	0	3	3	130	4	137	14	6	3	23	6	85	12	103	266
08:30 AM	0	1	0	1	2	115	4	121	17	9	2	28	3	60	15	78	228
08:45 AM	0	1	1	2	0	83	5	88	9	6	0	15	6	84	17	107	212
Total	2	8	4	14	5	444	22	471	59	30	5	94	25	343	66	434	1013
Grand Total	11	11	9	31	11	697	45	753	78	67	7	152	52	518	137	707	1643
Apprch %	35.5	35.5	29		1.5	92.6	6		51.3	44.1	4.6		7.4	73.3	19.4		
Total %	0.7	0.7	0.5	1.9	0.7	42.4	2.7	45.8	4.7	4.1	0.4	9.3	3.2	31.5	8.3	43	

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**5**	0	1	6	2	97	4	103	7	7	0	14	8	67	**22**	97	220
08:00 AM	2	**3**	**3**	**8**	0	116	**9**	125	**19**	**9**	0	**28**	**10**	**114**	22	**146**	**307**
08:15 AM	0	3	0	3	**3**	**130**	4	**137**	14	6	**3**	23	6	85	12	103	266
08:30 AM	0	1	0	1	2	115	4	121	17	9	2	28	3	60	15	78	228
Total Volume	7	7	4	18	7	458	21	486	57	31	5	93	27	326	71	424	1021
% App. Total	38.9	38.9	22.2		1.4	94.2	4.3		61.3	33.3	5.4		6.4	76.9	16.7		
PHF	.350	.583	.333	.563	.583	.881	.583	.887	.750	.861	.417	.830	.675	.715	.807	.726	.831

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City of Irvine
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Weather: Clear

File Name : 640_IRV_Thomas_Muir Tue AM
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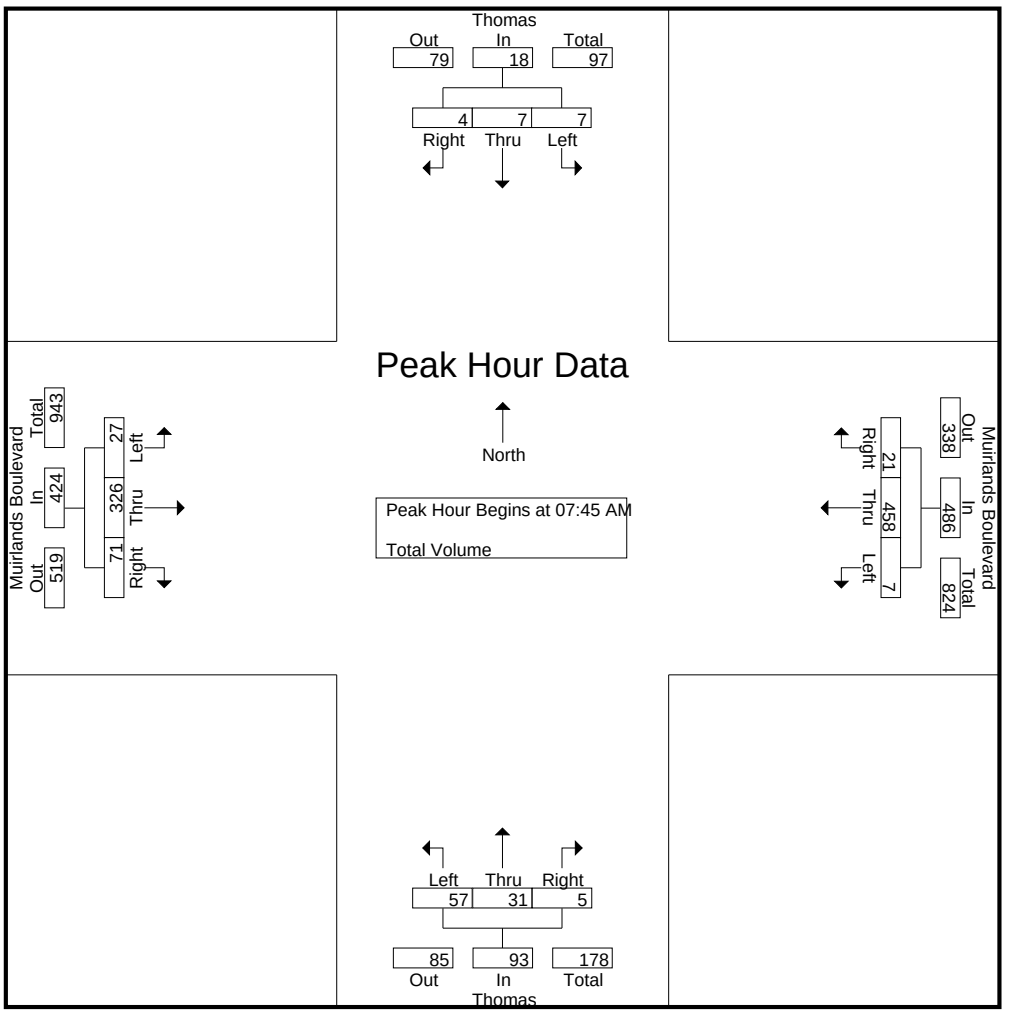

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				08:00 AM				08:00 AM			
+0 mins.	3	**3**	1	7	2	97	4	103	**19**	**9**	0	**28**	**10**	**114**	**22**	**146**
+15 mins.	**5**	0	1	6	0	116	**9**	125	14	6	**3**	23	6	85	12	103
+30 mins.	2	3	**3**	**8**	**3**	**130**	4	**137**	17	9	2	28	3	60	15	78
+45 mins.	0	3	0	3	2	115	4	121	9	6	0	15	6	84	17	107
Total Volume	10	9	5	24	7	458	21	486	59	30	5	94	25	343	66	434
% App. Total	41.7	37.5	20.8		1.4	94.2	4.3		62.8	31.9	5.3		5.8	79	15.2	
PHF	.500	.750	.417	.750	.583	.881	.583	.887	.776	.833	.417	.839	.625	.752	.750	.743

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City of Irvine
N/S: Thomas
E/W: Muirlands Boulevard
Weather: Clear

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Site Code : 19224028
Start Date : 1/23/2024
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Groups Printed- Total Volume

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	18	2	31	1	63	0	64	21	1	7	29	1	124	28	153	277
04:15 PM	10	13	4	27	0	50	1	51	11	0	5	16	1	111	17	129	223
04:30 PM	9	14	1	24	3	50	0	53	9	1	2	12	1	124	30	155	244
04:45 PM	5	18	2	25	1	56	1	58	6	1	5	12	1	142	30	173	268
Total	35	63	9	107	5	219	2	226	47	3	19	69	4	501	105	610	1012
05:00 PM	12	22	4	38	0	61	0	61	13	0	5	18	0	187	26	213	330
05:15 PM	6	14	4	24	0	67	2	69	8	1	3	12	0	196	28	224	329
05:30 PM	2	4	2	8	1	41	0	42	8	1	0	9	1	152	15	168	227
05:45 PM	0	2	1	3	1	36	0	37	5	4	0	9	0	131	20	151	200
Total	20	42	11	73	2	205	2	209	34	6	8	48	1	666	89	756	1086
06:00 PM	3	3	2	8	0	43	0	43	9	0	0	9	1	100	7	108	168
06:15 PM	3	3	1	7	1	20	1	22	2	0	0	2	1	92	9	102	133
Grand Total	61	111	23	195	8	487	5	500	92	9	27	128	7	1359	210	1576	2399
Apprch %	31.3	56.9	11.8		1.6	97.4	1		71.9	7	21.1		0.4	86.2	13.3		
Total %	2.5	4.6	1	8.1	0.3	20.3	0.2	20.8	3.8	0.4	1.1	5.3	0.3	56.6	8.8	65.7	

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	9	14	1	24	**3**	50	0	53	9	**1**	2	12	**1**	124	**30**	155	244
04:45 PM	5	18	2	25	1	56	1	58	6	1	**5**	12	1	142	30	173	268
05:00 PM	**12**	**22**	**4**	**38**	0	61	0	61	**13**	0	5	**18**	0	187	26	213	**330**
05:15 PM	6	14	4	24	0	**67**	**2**	**69**	8	1	3	12	0	**196**	28	**224**	329
Total Volume	32	68	11	111	4	234	3	241	36	3	15	54	2	649	114	765	1171
% App. Total	28.8	61.3	9.9		1.7	97.1	1.2		66.7	5.6	27.8		0.3	84.8	14.9		
PHF	.667	.773	.688	.730	.333	.873	.375	.873	.692	.750	.750	.750	.500	.828	.950	.854	.887

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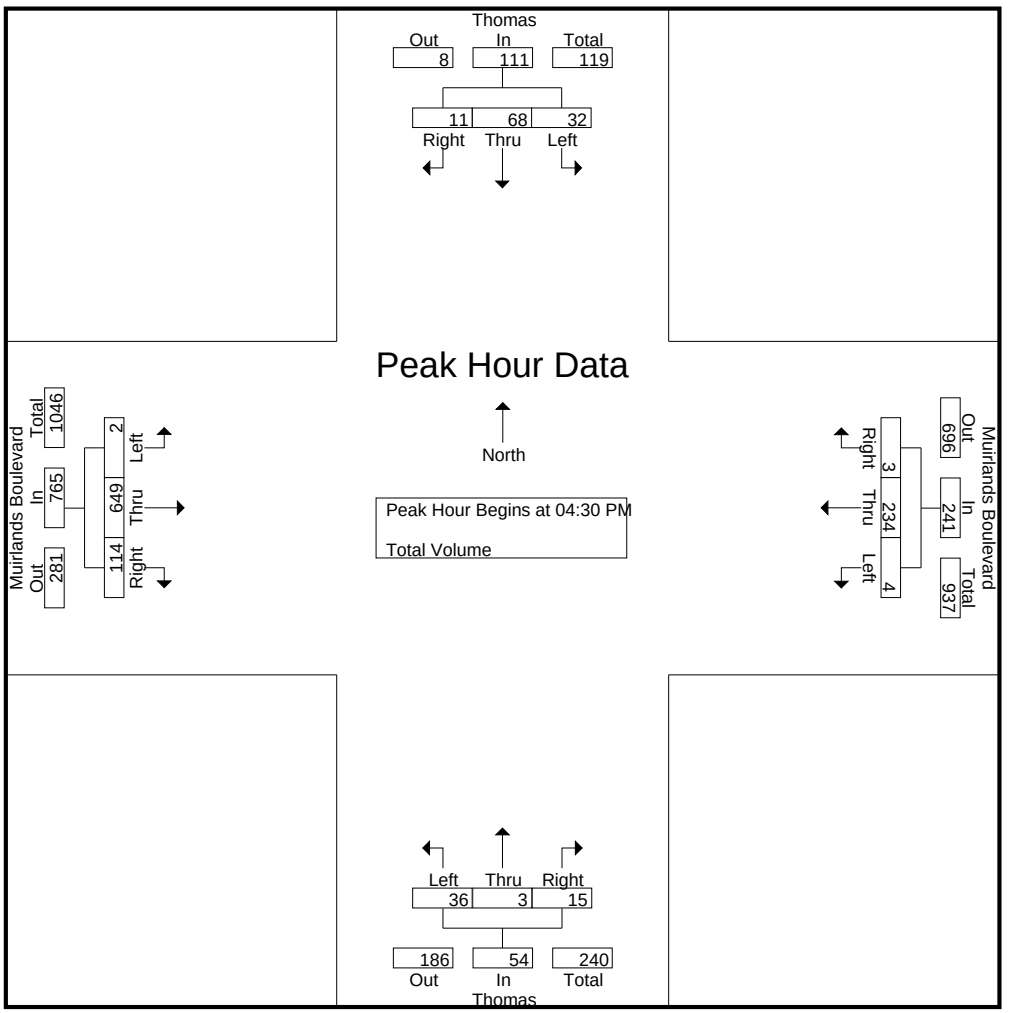

Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:30 PM				04:00 PM				04:45 PM			
+0 mins.	10	13	**4**	27	**3**	50	0	53	**21**	**1**	**7**	**29**	**1**	142	**30**	173
+15 mins.	9	14	1	24	1	56	1	58	11	0	5	16	0	187	26	213
+30 mins.	5	18	2	25	0	61	0	61	9	1	2	12	0	**196**	28	**224**
+45 mins.	**12**	**22**	4	**38**	0	**67**	**2**	**69**	6	1	5	12	1	152	15	168
Total Volume	36	67	11	114	4	234	3	241	47	3	19	69	2	677	99	778
% App. Total	31.6	58.8	9.6		1.7	97.1	1.2		68.1	4.3	27.5		0.3	87	12.7	
PHF	.750	.761	.688	.750	.333	.873	.375	.873	.560	.750	.679	.595	.500	.864	.825	.868

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File Name : 640_IRV_Thomas_Muir Thu AM
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Groups Printed- Total Volume

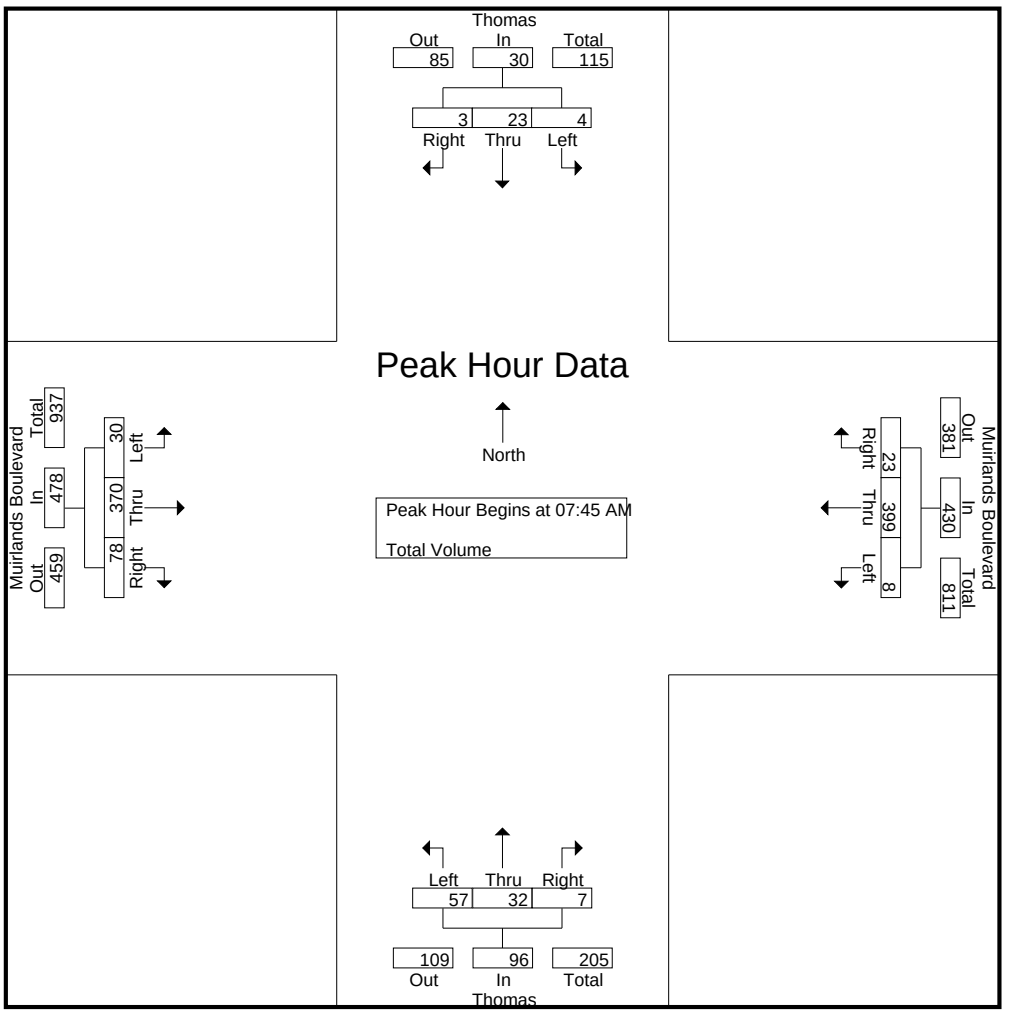
	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	1	2	4	0	34	9	43	3	7	1	11	6	36	16	58	116
07:15 AM	1	0	0	1	0	55	3	58	0	7	3	10	9	40	14	63	132
07:30 AM	4	1	1	6	0	56	8	64	4	7	1	12	3	55	13	71	153
07:45 AM	0	2	1	3	2	86	7	95	11	10	0	21	8	87	26	121	240
Total	6	4	4	14	2	231	27	260	18	31	5	54	26	218	69	313	641
08:00 AM	2	12	0	14	3	92	9	104	24	13	1	38	11	131	17	159	315
08:15 AM	1	3	1	5	1	109	4	114	16	6	2	24	8	81	22	111	254
08:30 AM	1	6	1	8	2	112	3	117	6	3	4	13	3	71	13	87	225
08:45 AM	3	4	0	7	3	82	9	94	15	7	0	22	4	61	11	76	199
Total	7	25	2	34	9	395	25	429	61	29	7	97	26	344	63	433	993
Grand Total	13	29	6	48	11	626	52	689	79	60	12	151	52	562	132	746	1634
Apprch %	27.1	60.4	12.5		1.6	90.9	7.5		52.3	39.7	7.9		7	75.3	17.7		
Total %	0.8	1.8	0.4	2.9	0.7	38.3	3.2	42.2	4.8	3.7	0.7	9.2	3.2	34.4	8.1	45.7	

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	2	**1**	3	2	86	7	95	11	10	0	21	8	87	**26**	121	240
08:00 AM	**2**	**12**	0	**14**	**3**	92	**9**	104	**24**	**13**	1	**38**	**11**	**131**	17	**159**	**315**
08:15 AM	1	3	1	5	1	109	4	114	16	6	2	24	8	81	22	111	254
08:30 AM	1	6	1	8	2	**112**	3	**117**	6	3	**4**	13	3	71	13	87	225
Total Volume	4	23	3	30	8	399	23	430	57	32	7	96	30	370	78	478	1034
% App. Total	13.3	76.7	10		1.9	92.8	5.3		59.4	33.3	7.3		6.3	77.4	16.3		
PHF	.500	.479	.750	.536	.667	.891	.639	.919	.594	.615	.438	.632	.682	.706	.750	.752	.821

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: Thomas
E/W: Muirlands Boulevard
Weather: Clear

File Name : 640_IRV_Thomas_Muir Thu AM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:45 AM				08:00 AM				07:45 AM			
+0 mins.	2	**12**	0	**14**	2	86	7	95	**24**	**13**	1	**38**	8	87	**26**	121
+15 mins.	1	3	**1**	5	**3**	92	**9**	104	16	6	2	24	**11**	**131**	17	**159**
+30 mins.	1	6	1	8	1	109	4	114	6	3	**4**	13	8	81	22	111
+45 mins.	**3**	4	0	7	2	**112**	3	**117**	15	7	0	22	3	71	13	87
Total Volume	7	25	2	34	8	399	23	430	61	29	7	97	30	370	78	478
% App. Total	20.6	73.5	5.9		1.9	92.8	5.3		62.9	29.9	7.2		6.3	77.4	16.3	
PHF	.583	.521	.500	.607	.667	.891	.639	.919	.635	.558	.438	.638	.682	.706	.750	.752

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: Thomas
E/W: Muirlands Boulevard
Weather: Clear

File Name : 640_IRV_Thomas_Muir Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 1

Groups Printed- Total Volume

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	7	13	5	25	2	74	1	77	12	1	7	20	0	139	25	164	286
04:15 PM	11	12	1	24	1	32	0	33	16	0	6	22	0	96	17	113	192
04:30 PM	8	27	9	44	3	46	0	49	11	1	5	17	0	135	29	164	274
04:45 PM	8	20	5	33	0	52	1	53	9	2	4	15	1	119	13	133	234
Total	34	72	20	126	6	204	2	212	48	4	22	74	1	489	84	574	986
05:00 PM	9	23	8	40	1	60	1	62	14	1	5	20	1	192	32	225	347
05:15 PM	8	9	2	19	2	54	1	57	11	1	3	15	1	162	20	183	274
05:30 PM	3	8	3	14	2	54	0	56	6	0	2	8	0	148	17	165	243
05:45 PM	1	1	1	3	1	45	1	47	2	2	5	9	0	141	17	158	217
Total	21	41	14	76	6	213	3	222	33	4	15	52	2	643	86	731	1081
06:00 PM	4	2	2	8	0	48	0	48	6	0	1	7	1	114	13	128	191
06:15 PM	2	0	0	2	0	33	0	33	1	0	1	2	1	104	15	120	157
Grand Total	61	115	36	212	12	498	5	515	88	8	39	135	5	1350	198	1553	2415
Apprch %	28.8	54.2	17		2.3	96.7	1		65.2	5.9	28.9		0.3	86.9	12.7		
Total %	2.5	4.8	1.5	8.8	0.5	20.6	0.2	21.3	3.6	0.3	1.6	5.6	0.2	55.9	8.2	64.3	

	Thomas Southbound				Muirlands Boulevard Westbound				Thomas Northbound				Muirlands Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	8	**27**	**9**	**44**	**3**	46	0	49	11	1	**5**	17	0	135	29	164	274
04:45 PM	8	20	5	33	0	52	**1**	53	9	**2**	4	15	**1**	119	13	133	234
05:00 PM	**9**	23	8	40	1	**60**	1	**62**	**14**	1	5	**20**	1	**192**	**32**	**225**	**347**
05:15 PM	8	9	2	19	2	54	1	57	11	1	3	15	1	162	20	183	274
Total Volume	33	79	24	136	6	212	3	221	45	5	17	67	3	608	94	705	1129
% App. Total	24.3	58.1	17.6		2.7	95.9	1.4		67.2	7.5	25.4		0.4	86.2	13.3		
PHF	.917	.731	.667	.773	.500	.883	.750	.891	.804	.625	.850	.838	.750	.792	.734	.783	.813

Counts Unlimited, Inc.
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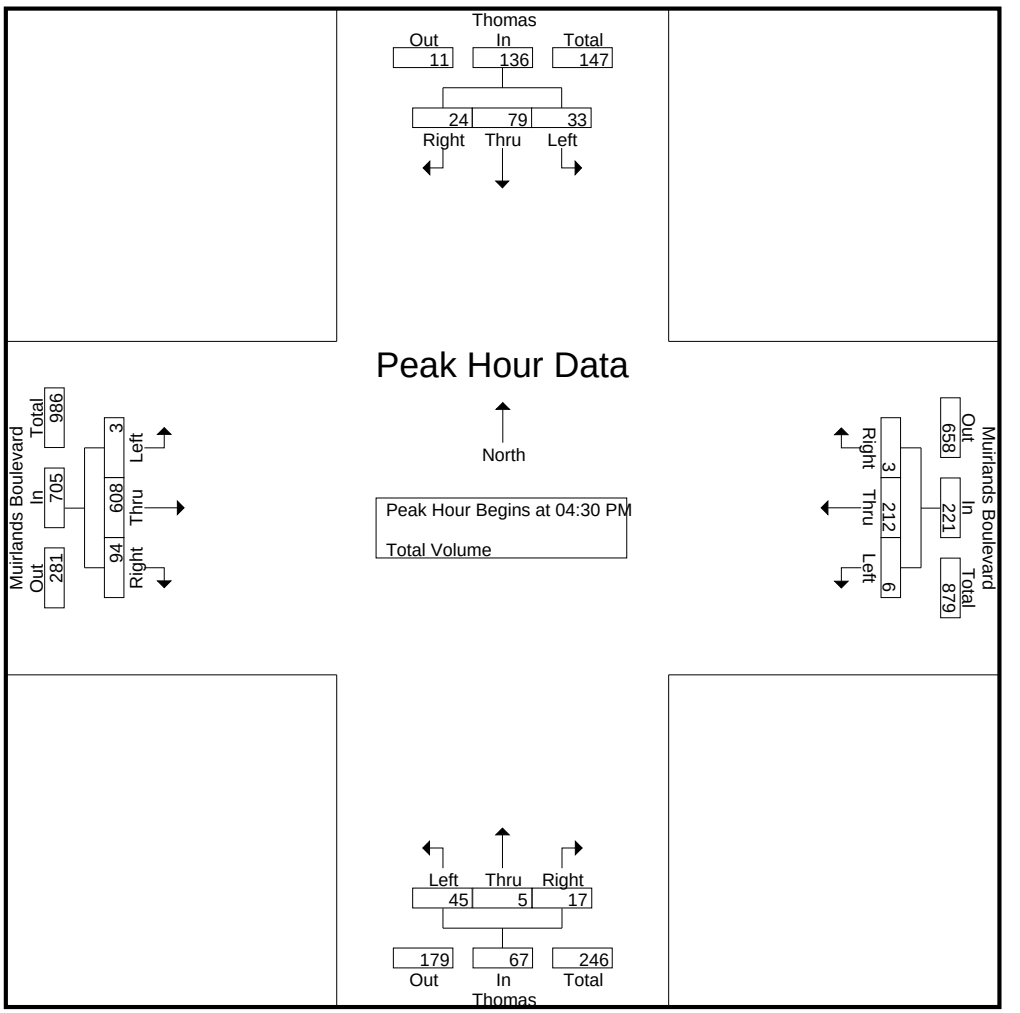
Corona, CA 92878
(951) 268-6268

City of Irvine
N/S: Thomas
E/W: Muirlands Boulevard
Weather: Clear

File Name : 640_IRV_Thomas_Muir Thu PM
Site Code : 19224028
Start Date : 1/25/2024
Page No : 2



Peak Hour Analysis From 04:00 PM to 06:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	**11**	12	1	24	0	52	**1**	53	12	1	**7**	20	**1**	**192**	**32**	**225**
+15 mins.	8	**27**	**9**	**44**	1	**60**	1	**62**	**16**	0	6	**22**	1	162	20	183
+30 mins.	8	20	5	33	**2**	54	1	57	11	1	5	17	0	148	17	165
+45 mins.	9	23	8	40	2	54	0	56	9	**2**	4	15	0	141	17	158
Total Volume	36	82	23	141	5	220	3	228	48	4	22	74	2	643	86	731
% App. Total	25.5	58.2	16.3		2.2	96.5	1.3		64.9	5.4	29.7		0.3	88	11.8	
PHF	.818	.759	.639	.801	.625	.917	.750	.919	.750	.500	.786	.841	.500	.837	.672	.812

Location: Irvine
N/S: Thomas
E/W: Muirlands Boulevard

Date: 1/23/2024
Day: Tuesday

PEDESTRIANS

	North Leg Thomas	East Leg Muirlands Boulevard	South Leg Thomas	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	2	0	0	0	2
7:30 AM	0	0	1	0	1
7:45 AM	1	0	1	0	2
8:00 AM	0	0	0	0	0
8:15 AM	1	1	1	1	4
8:30 AM	0	1	0	0	1
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	4	2	5	1	12

	North Leg Thomas	East Leg Muirlands Boulevard	South Leg Thomas	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	0	1
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	3	0	3
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	1	1	4	0	6

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Irvine
N/S: Thomas
E/W: Muirlands Boulevard

Date: 1/23/2024
Day: Tuesday

BICYCLES

	Southbound Thomas			Westbound Muirlands Boulevard			Northbound Thomas			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	1	0	0	0	1	0	0	0	2
TOTAL VOLUMES:	0	0	0	0	3	0	0	0	1	0	2	0	6

	Southbound Thomas			Westbound Muirlands Boulevard			Northbound Thomas			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
TOTAL VOLUMES:	0	0	0	0	3	0	0	0	0	0	6	0	9

Location: Irvine
N/S: Thomas
E/W: Muirlands Boulevard

Date: 1/25/2024
Day: Thursday

PEDESTRIANS

	North Leg Thomas	East Leg Muirlands Boulevard	South Leg Thomas	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	0	1
8:00 AM	1	0	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	2	0	2
TOTAL VOLUMES:	1	0	3	0	4

	North Leg Thomas	East Leg Muirlands Boulevard	South Leg Thomas	West Leg Muirlands Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	0	1
4:30 PM	0	0	2	0	2
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	1	0	0	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
TOTAL VOLUMES:	1	0	3	0	4

Location: Irvine
N/S: Thomas
E/W: Muirlands Boulevard

Date: 1/25/2024
Day: Thursday

BICYCLES

	Southbound Thomas			Westbound Muirlands Boulevard			Northbound Thomas			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	1	0	0	7	0	0	0	0	0	2	0	10

	Southbound Thomas			Westbound Muirlands Boulevard			Northbound Thomas			Eastbound Muirlands Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	0	0	5	0	7

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ada
B/ Alton Parkway - Barranca Parkway

File Name 001
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	36			2	44				
12:15	1	27			1	42				
12:30	0	36			1	25				
12:45	2	57	10	156	5	39	9	150	19	306
1:00	0	34			0	27				
1:15	0	40			0	21				
1:30	0	31			0	25				
1:45	0	21	0	126	0	29	0	102	0	228
2:00	1	27			0	24				
2:15	1	16			0	25				
2:30	0	32			3	35				
2:45	2	15	4	90	2	16	5	100	9	190
3:00	2	22			1	27				
3:15	2	23			1	29				
3:30	2	27			0	43				
3:45	6	18	12	90	1	59	3	158	15	248
4:00	5	19			0	83				
4:15	5	18			0	64				
4:30	15	15			4	67				
4:45	38	19	63	71	5	41	9	255	72	326
5:00	31	21			3	86				
5:15	41	13			4	49				
5:30	46	10			3	41				
5:45	30	22	148	66	3	36	13	212	161	278
6:00	26	19			7	47				
6:15	24	9			3	39				
6:30	32	5			8	21				
6:45	50	7	132	40	9	16	27	123	159	163
7:00	64	5			13	21				
7:15	56	6			10	19				
7:30	72	7			18	15				
7:45	89	2	281	20	20	5	61	60	342	80
8:00	91	1			15	8				
8:15	63	6			8	4				
8:30	89	8			10	8				
8:45	70	10	313	25	13	8	46	28	359	53
9:00	61	5			13	14				
9:15	48	1			9	13				
9:30	47	2			13	4				
9:45	51	4	207	12	12	3	47	34	254	46
10:00	36	2			16	2				
10:15	48	5			19	7				
10:30	44	2			26	6				
10:45	22	3	150	12	16	2	77	17	227	29
11:00	28	6			33	4				
11:15	26	1			25	4				
11:30	27	4			27	2				
11:45	33	0	114	11	38	2	123	12	237	23
Totals	1434	719			420	1251				
Combined Totals		2153				1671				
ADT										3824
AM Peak Hour	745 AM				1100 AM					
Volume	332				123					
P.H.F.	0.912				0.809					
PM Peak Hour		1230 PM				345 PM				
Volume		167				273				
P.H.F.		0.732				0.822				
Percentage	66.6%	33.4%			25.1%	74.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

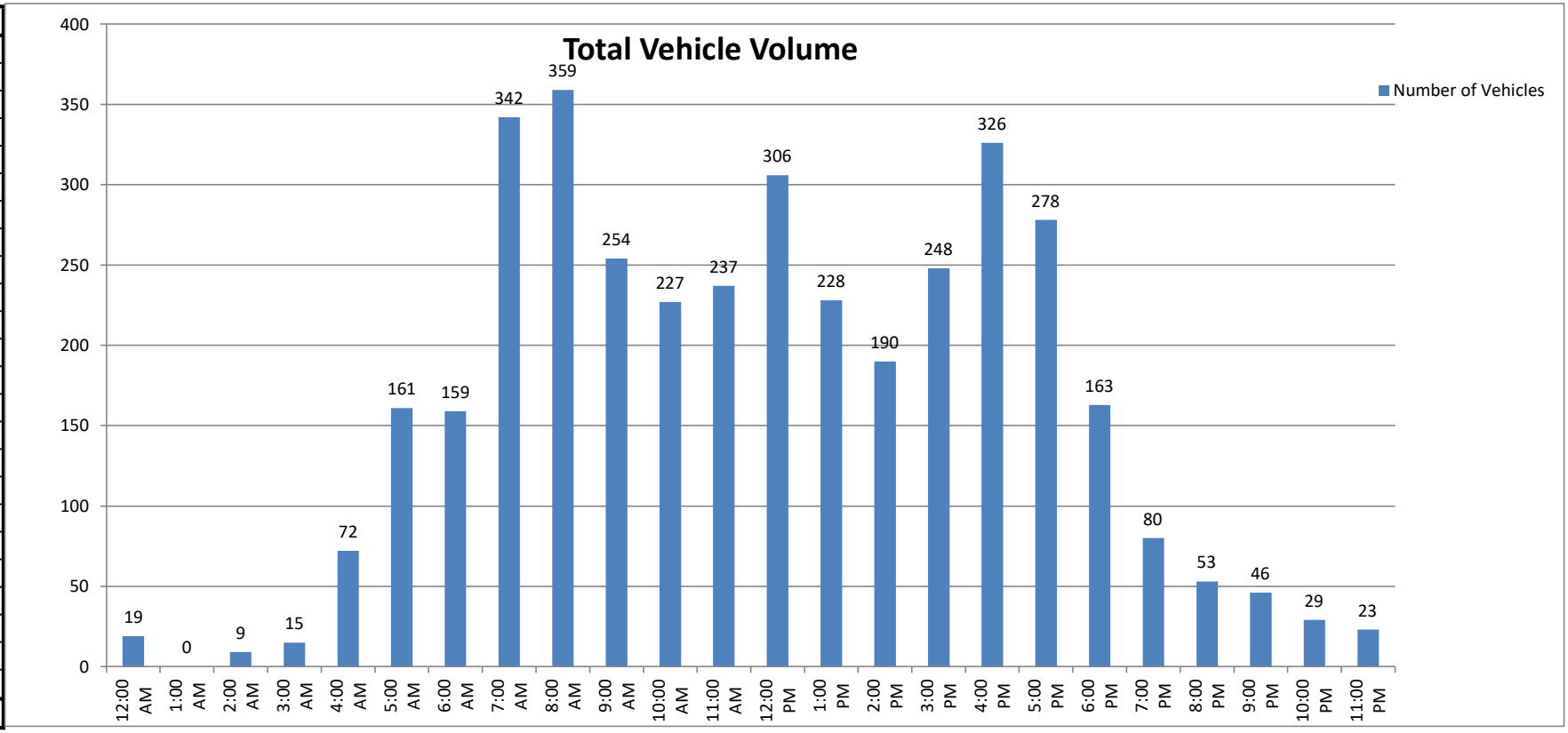
24 Hour Volume Plot

Ada

B/ Alton Parkway - Barranca Parkway

1/17/2024

Start Time	1/17/2024
12:00 AM	19
1:00 AM	0
2:00 AM	9
3:00 AM	15
4:00 AM	72
5:00 AM	161
6:00 AM	159
7:00 AM	342
8:00 AM	359
9:00 AM	254
10:00 AM	227
11:00 AM	237
12:00 PM	306
1:00 PM	228
2:00 PM	190
3:00 PM	248
4:00 PM	326
5:00 PM	278
6:00 PM	163
7:00 PM	80
8:00 PM	53
9:00 PM	46
10:00 PM	29
11:00 PM	23
Total	3824



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ada
B/ Alton Parkway - Barranca Parkway

File Name 001
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	27			1	54				
12:15	0	27			1	45				
12:30	1	30			1	36				
12:45	0	47	3	131	3	30	6	165	9	296
1:00	1	38			0	29				
1:15	1	32			1	23				
1:30	0	33			0	27				
1:45	1	28	3	131	1	22	2	101	5	232
2:00	2	28			0	28				
2:15	0	26			0	31				
2:30	0	24			1	40				
2:45	2	23	4	101	1	23	2	122	6	223
3:00	3	17			2	40				
3:15	0	23			0	34				
3:30	5	22			0	44				
3:45	6	23	14	85	1	38	3	156	17	241
4:00	6	15			2	69				
4:15	6	18			2	77				
4:30	7	18			2	44				
4:45	35	21	54	72	3	47	9	237	63	309
5:00	45	14			2	64				
5:15	42	16			4	49				
5:30	41	17			2	51				
5:45	36	27	164	74	5	35	13	199	177	273
6:00	20	14			9	34				
6:15	30	4			2	29				
6:30	39	12			8	30				
6:45	53	13	142	43	8	23	27	116	169	159
7:00	65	12			8	22				
7:15	47	6			8	31				
7:30	82	2			15	20				
7:45	67	7	261	27	17	10	48	83	309	110
8:00	73	3			14	8				
8:15	63	5			10	1				
8:30	67	7			8	8				
8:45	62	6	265	21	17	9	49	26	314	47
9:00	80	6			19	10				
9:15	44	5			15	8				
9:30	65	2			17	5				
9:45	67	5	256	18	11	3	62	26	318	44
10:00	35	3			16	6				
10:15	28	2			15	7				
10:30	29	4			11	3				
10:45	34	2	126	11	25	2	67	18	193	29
11:00	35	4			23	1				
11:15	24	7			23	6				
11:30	37	2			36	6				
11:45	32	0	128	13	33	0	115	13	243	26
Totals	1420	727			403	1262				
Combined Totals		2147				1665				
ADT										3812
AM Peak Hour	730	AM			1100	AM				
Volume	285				115					
P.H.F.	0.869				0.799					
PM Peak Hour		1245	PM			400	PM			
Volume		150				237				
P.H.F.		0.798				0.769				
Percentage	66.1%	33.9%			24.2%	75.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

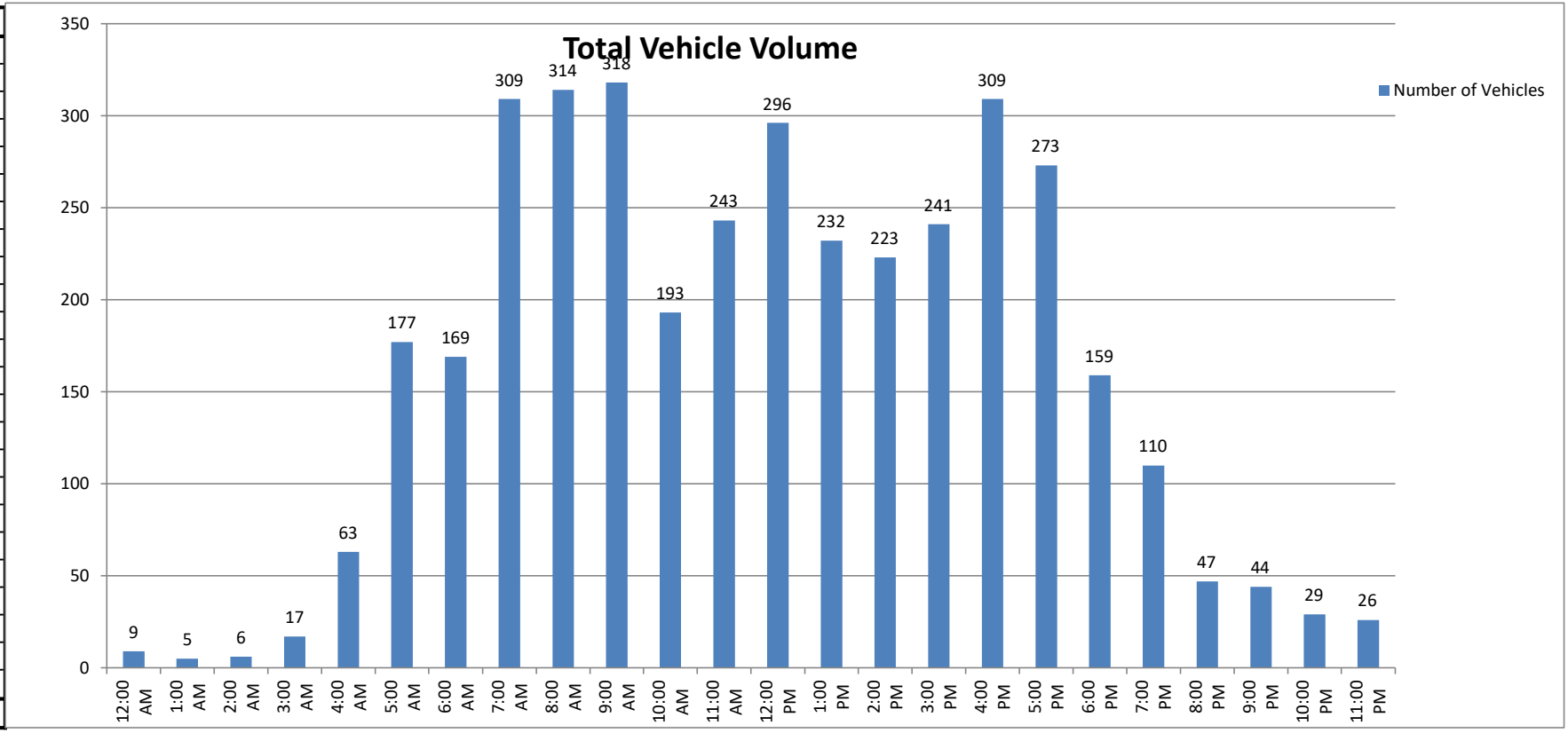
24 Hour Volume Plot

Ada

B/ Alton Parkway - Barranca Parkway

1/18/2024

Start Time	1/18/2024
12:00 AM	9
1:00 AM	5
2:00 AM	6
3:00 AM	17
4:00 AM	63
5:00 AM	177
6:00 AM	169
7:00 AM	309
8:00 AM	314
9:00 AM	318
10:00 AM	193
11:00 AM	243
12:00 PM	296
1:00 PM	232
2:00 PM	223
3:00 PM	241
4:00 PM	309
5:00 PM	273
6:00 PM	159
7:00 PM	110
8:00 PM	47
9:00 PM	44
10:00 PM	29
11:00 PM	26
Total	3812



Volumes represent the combined totals for both directions

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City of Irvine
Ada
B/ Alton Parkway - Barranca Parkway

File Name 001
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	32			2	49				
12:15	1	27			1	44				
12:30	1	33			1	31				
12:45	1	52	7	144	4	35	8	158	14	301
1:00	1	36			0	28				
1:15	1	36			1	22				
1:30	0	32			0	26				
1:45	1	25	2	129	1	26	1	102	3	230
2:00	2	28			0	26				
2:15	1	21			0	28				
2:30	0	28			2	38				
2:45	2	19	4	96	2	20	4	111	8	207
3:00	3	20			2	34				
3:15	1	23			1	32				
3:30	4	25			0	44				
3:45	6	21	13	88	1	49	3	157	16	245
4:00	6	17			1	76				
4:15	6	18			1	71				
4:30	11	17			3	56				
4:45	37	20	59	72	4	44	9	246	68	318
5:00	38	18			3	75				
5:15	42	15			4	49				
5:30	44	14			3	46				
5:45	33	25	156	70	4	36	13	206	169	276
6:00	23	17			8	41				
6:15	27	7			3	34				
6:30	36	9			8	26				
6:45	52	10	137	42	9	20	27	120	164	161
7:00	65	9			11	22				
7:15	52	6			9	25				
7:30	77	5			17	18				
7:45	78	5	271	24	19	8	55	72	326	95
8:00	82	2			15	8				
8:15	63	6			9	3				
8:30	78	8			9	8				
8:45	66	8	289	23	15	9	48	27	337	50
9:00	71	6			16	12				
9:15	46	3			12	11				
9:30	56	2			15	5				
9:45	59	5	232	15	12	3	55	30	286	45
10:00	36	3			16	4				
10:15	38	4			17	7				
10:30	37	3			19	5				
10:45	28	3	138	12	21	2	72	18	210	29
11:00	32	5			28	3				
11:15	25	4			24	5				
11:30	32	3			32	4				
11:45	33	0	121	12	36	1	119	13	240	25
Totals	1427	723			412	1257				
Combined Totals		2150				1668				
ADT										3818
AM Peak Hour	745	AM			1100	AM				
Volume	301				119					
P.H.F.	0.918				0.838					
PM Peak Hour		1230	PM			345	PM			
Volume		157				251				
P.H.F.		0.755				0.824				
Percentage	66.4%	33.6%			24.7%	75.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Alicia Parkway
B/ Interstate 5 Northbound Ramps - Muirlands Boulevard
24 Hour Directional Volume Count

MSV003
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		53	411			39	485				
12:15		59	427			32	509				
12:30		44	436			38	501				
12:45		40	443	196	1717	19	554	128	2049	324	3766
01:00		31	441			27	498				
01:15		25	429			20	505				
01:30		19	472			15	537				
01:45		24	442	99	1784	19	541	81	2081	180	3865
02:00		16	445			12	512				
02:15		17	466			3	508				
02:30		45	500			15	568				
02:45		53	487	131	1898	14	536	44	2124	175	4022
03:00		52	472			12	621				
03:15		59	505			17	563				
03:30		67	463			34	573				
03:45		59	535	237	1975	36	564	99	2321	336	4296
04:00		37	473			56	585				
04:15		58	550			62	517				
04:30		73	496			83	**554**				
04:45		116	477	284	1996	113	**576**	314	2232	598	4228
05:00		74	**565**			136	**578**				
05:15		86	**486**			173	**662**				
05:30		112	**493**			234	547				
05:45		168	**548**	440	2092	247	580	790	2367	1230	4459
06:00		133	515			280	547				
06:15		160	472			342	489				
06:30		214	550			438	438				
06:45		312	456	819	1993	449	382	1509	1856	2328	3849
07:00		310	450			605	368				
07:15		344	444			647	369				
07:30		**430**	371			653	319				
07:45		**446**	366	1530	1631	**752**	295	2657	1351	4187	2982
08:00		**458**	329			**760**	263				
08:15		**422**	307			**741**	267				
08:30		418	327			**746**	236				
08:45		409	295	1707	1258	611	216	2858	982	4565	2240
09:00		368	317			521	194				
09:15		391	261			525	195				
09:30		402	253			533	154				
09:45		382	251	1543	1082	492	159	2071	702	3614	1784
10:00		358	217			480	144				
10:15		348	183			523	135				
10:30		331	160			485	122				
10:45		357	155	1394	715	455	77	1943	478	3337	1193
11:00		354	116			501	74				
11:15		413	108			502	58				
11:30		397	101			526	46				
11:45		389	81	1553	406	502	30	2031	208	3584	614
Total		9933	18547	9933	18547	14525	18751	14525	18751	24458	37298
Combined Total		28480		28480		33276		33276		61756	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1756	-	-	-	2999	-	-	-	-	-
P.H.F.		0.959				0.987					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	2092	-	-	-	2370	-	-	-	-
P.H.F.			0.926				0.895				
Percentage		34.9%	65.1%			43.7%	56.3%				
ADT/AADT		ADT 61,756		AADT 61,756							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Alicia Parkway
N/ Muirlands Boulevard
24 Hour Directional Volume Count

MSV008
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		53	383			40	419				
12:15		57	421			31	425				
12:30		33	413			32	452				
12:45		37	404	180	1621	15	505	118	1801	298	3422
01:00		30	453			24	440				
01:15		18	447			16	417				
01:30		19	440			13	465				
01:45		21	425	88	1765	14	456	67	1778	155	3543
02:00		18	453			9	437				
02:15		16	458			2	425				
02:30		43	463			14	507				
02:45		54	464	131	1838	12	448	37	1817	168	3655
03:00		50	470			9	518				
03:15		54	494			15	458				
03:30		67	466			32	477				
03:45		64	521	235	1951	28	486	84	1939	319	3890
04:00		41	488			51	484				
04:15		56	529			47	417				
04:30		79	494			72	**463**				
04:45		119	510	295	2021	95	**465**	265	1829	560	3850
05:00		76	**572**			119	**470**				
05:15		88	**497**			154	**551**				
05:30		103	**530**			193	450				
05:45		156	**557**	423	2156	208	474	674	1945	1097	4101
06:00		141	507			256	456				
06:15		154	469			288	353				
06:30		216	516			394	348				
06:45		311	455	822	1947	371	295	1309	1452	2131	3399
07:00		300	431			517	281				
07:15		334	422			555	306				
07:30		426	345			558	269				
07:45		**422**	334	1482	1532	**640**	226	2270	1082	3752	2614
08:00		**462**	259			**669**	224				
08:15		**446**	262			**607**	207				
08:30		**429**	313			**688**	194				
08:45		421	258	1758	1092	561	163	2525	788	4283	1880
09:00		400	282			455	148				
09:15		405	226			452	152				
09:30		401	222			468	123				
09:45		374	235	1580	965	419	137	1794	560	3374	1525
10:00		351	178			408	127				
10:15		345	169			471	127				
10:30		324	126			436	109				
10:45		341	113	1361	586	398	61	1713	424	3074	1010
11:00		360	86			422	60				
11:15		427	94			446	49				
11:30		374	78			458	40				
11:45		374	67	1535	325	438	27	1764	176	3299	501
Total		9890	17799	9890	17799	12620	15591	12620	15591	22510	33390
Combined Total		27689		27689		28211		28211		55900	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1759	-	-	-	2604	-	-	-	-	-
P.H.F.		0.952				0.946					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	2156	-	-	-	1949	-	-	-	-
P.H.F.			0.942				0.884				
Percentage		35.7%	64.3%			44.7%	55.3%				
ADT/AADT		ADT 55,900		AADT 55,900							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Alicia Parkway
N/ Trabuco Road
24 Hour Directional Volume Count

MSV001
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		39	248			38	239				
12:15		34	217			29	243				
12:30		20	283			25	308				
12:45		18	306	111	1054	15	338	107	1128	218	2182
01:00		19	336			20	238				
01:15		14	274			6	250				
01:30		14	306			7	302				
01:45		16	301	63	1217	10	**315**	43	1105	106	2322
02:00		11	312			7	**297**				
02:15		18	294			7	**259**				
02:30		20	328			11	**332**				
02:45		26	323	75	1257	7	293	32	1181	107	2438
03:00		30	320			8	312				
03:15		45	348			13	263				
03:30		52	322			25	269				
03:45		71	345	198	1335	15	301	61	1145	259	2480
04:00		35	375			43	284				
04:15		37	373			42	285				
04:30		76	348			52	307				
04:45		97	407	245	1503	67	249	204	1125	449	2628
05:00		51	**396**			93	269				
05:15		59	**436**			97	320				
05:30		75	**397**			123	277				
05:45		108	**478**	293	1707	151	286	464	1152	757	2859
06:00		97	378			185	225				
06:15		108	368			198	200				
06:30		114	357			256	191				
06:45		142	321	461	1424	273	196	912	812	1373	2236
07:00		180	275			380	144				
07:15		244	288			385	164				
07:30		**265**	263			**412**	149				
07:45		**286**	212	975	1038	**484**	117	1661	574	2636	1612
08:00		**239**	201			**480**	137				
08:15		**269**	185			**554**	111				
08:30		243	248			380	125				
08:45		231	187	982	821	454	93	1868	466	2850	1287
09:00		170	183			273	95				
09:15		175	173			255	95				
09:30		236	139			298	88				
09:45		228	143	809	638	252	97	1078	375	1887	1013
10:00		200	119			257	100				
10:15		206	123			270	87				
10:30		181	78			267	60				
10:45		240	85	827	405	260	48	1054	295	1881	700
11:00		227	56			278	50				
11:15		253	54			221	27				
11:30		234	45			243	24				
11:45		267	45	981	200	261	16	1003	117	1984	317
Total		6020	12599	6020	12599	8487	9475	8487	9475	14507	22074
Combined Total		18619		18619		17962		17962		36581	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	1059	-	-	-	1930	-	-	-	-	-
P.H.F.		0.926				0.871					
PM Peak	-	-	05:00	-	-	-	01:45	-	-	-	-
Vol.	-	-	1707	-	-	-	1203	-	-	-	-
P.H.F.			0.893				0.906				
Percentage		32.3%	67.7%			47.2%	52.8%				
ADT/AADT		ADT 36,581		AADT 36,581							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Alicia Parkway
S/ Interstate 5 Southbound Ramps
24 Hour Directional Volume Count

LHS005
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		21	308			59	378				
12:15		21	331			28	392				
12:30		18	291			37	393				
12:45		19	334	79	1264	27	430	151	1593	230	2857
01:00		12	330			18	390				
01:15		12	346			22	434				
01:30		7	343			19	417				
01:45		12	350	43	1369	19	455	78	1696	121	3065
02:00		13	333			22	399				
02:15		18	324			18	456				
02:30		10	390			13	**439**				
02:45		14	389	55	1436	20	**435**	73	1729	128	3165
03:00		17	361			17	**485**				
03:15		18	371			16	**490**				
03:30		15	359			16	418				
03:45		18	443	68	1534	34	406	83	1799	151	3333
04:00		33	372			32	391				
04:15		39	462			32	440				
04:30		52	397			34	403				
04:45		80	**392**	204	1623	73	437	171	1671	375	3294
05:00		86	**428**			58	449				
05:15		63	**435**			92	481				
05:30		154	**465**			145	394				
05:45		168	351	471	1679	215	413	510	1737	981	3416
06:00		171	419			163	430				
06:15		174	357			175	439				
06:30		231	335			261	359				
06:45		251	307	827	1418	302	381	901	1609	1728	3027
07:00		309	306			315	393				
07:15		314	245			371	337				
07:30		**427**	254			402	328				
07:45		**406**	251	1456	1056	**460**	316	1548	1374	3004	2430
08:00		**427**	247			**450**	238				
08:15		**420**	199			**470**	256				
08:30		366	202			**451**	266				
08:45		397	202	1610	850	422	249	1793	1009	3403	1859
09:00		295	193			353	248				
09:15		346	151			402	218				
09:30		335	126			364	216				
09:45		314	132	1290	602	394	188	1513	870	2803	1472
10:00		296	112			367	151				
10:15		276	103			312	135				
10:30		329	75			392	116				
10:45		325	75	1226	365	333	101	1404	503	2630	868
11:00		301	76			381	92				
11:15		307	53			387	88				
11:30		313	89			370	62				
11:45		320	38	1241	256	433	46	1571	288	2812	544
Total		8570	13452	8570	13452	9796	15878	9796	15878	18366	29330
Combined Total		22022		22022		25674		25674		47696	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1680	-	-	-	1831	-	-	-	-	-
P.H.F.		0.984				0.974					
PM Peak	-	-	04:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	1720	-	-	-	1849	-	-	-	-
P.H.F.			0.925				0.943				
Percentage		38.9%	61.1%			38.2%	61.8%				

ADT/AADT	ADT 47,696	AADT 47,696

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Alicia Parkway
S/ Jeronimo Road
24 Hour Directional Volume Count

MSV004
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		32	307			31	396				
12:15		52	397			37	373				
12:30		34	340			30	376				
12:45		31	438	149	1482	15	466	113	1611	262	3093
01:00		26	413			22	383				
01:15		21	396			12	383				
01:30		16	431			13	373				
01:45		20	427	83	1667	12	428	59	1567	142	3234
02:00		19	434			10	368				
02:15		28	445			14	**435**				
02:30		48	424			10	**431**				
02:45		46	442	141	1745	18	**404**	52	1638	193	3383
03:00		55	422			10	**454**				
03:15		48	451			17	413				
03:30		69	418			27	424				
03:45		64	452	236	1743	27	378	81	1669	317	3412
04:00		37	470			48	420				
04:15		52	432			53	412				
04:30		77	508			66	416				
04:45		108	452	274	1862	91	369	258	1617	532	3479
05:00		59	**512**			124	379				
05:15		68	**496**			151	494				
05:30		97	**454**			183	358				
05:45		139	**554**	363	2016	199	416	657	1647	1020	3663
06:00		107	427			251	364				
06:15		139	476			280	329				
06:30		183	460			380	266				
06:45		241	437	670	1800	355	263	1266	1222	1936	3022
07:00		243	454			516	255				
07:15		283	367			517	246				
07:30		371	355			**583**	232				
07:45		351	302	1248	1478	**630**	197	2246	930	3494	2408
08:00		**440**	293			**660**	185				
08:15		**355**	243			**650**	164				
08:30		**421**	308			561	185				
08:45		**358**	262	1574	1106	557	121	2428	655	4002	1761
09:00		333	291			430	133				
09:15		350	248			384	128				
09:30		320	202			415	104				
09:45		333	230	1336	971	390	128	1619	493	2955	1464
10:00		320	180			351	115				
10:15		294	164			415	111				
10:30		280	111			379	96				
10:45		298	119	1192	574	397	53	1542	375	2734	949
11:00		304	90			370	61				
11:15		408	85			399	45				
11:30		294	75			386	38				
11:45		369	69	1375	319	411	30	1566	174	2941	493
Total		8641	16763	8641	16763	11887	13598	11887	13598	20528	30361
Combined Total		25404		25404		25485		25485		50889	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	1574	-	-	-	2523	-	-	-	-	-
P.H.F.		0.894				0.956					
PM Peak	-	-	05:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	2016	-	-	-	1724	-	-	-	-
P.H.F.			0.910				0.949				
Percentage		34.0%	66.0%			46.6%	53.4%				
ADT/AADT		ADT 50,889		AADT 50,889							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Alicia Parkway
S/ Moulton Parkway
24 Hour Directional Volume Count

LHS007
Site Code: 051-24139

Start Time	5/8/2024 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		24	251			27	306				
12:15		15	250			25	280				
12:30		8	310			22	291				
12:45		8	256	55	1067	20	296	94	1173	149	2240
01:00		14	286			18	313				
01:15		4	304			21	282				
01:30		8	296			22	292				
01:45		14	276	40	1162	22	278	83	1165	123	2327
02:00		10	312			14	286				
02:15		10	356			18	279				
02:30		8	326			18	318				
02:45		18	300	46	1294	24	318	74	1201	120	2495
03:00		8	355			20	322				
03:15		19	**362**			9	334				
03:30		26	**408**			21	288				
03:45		15	**346**	68	1471	29	326	79	1270	147	2741
04:00		20	**358**			20	316				
04:15		18	358			28	348				
04:30		31	328			31	**350**				
04:45		58	324	127	1368	47	**344**	126	1358	253	2726
05:00		50	367			56	**329**				
05:15		48	334			79	**349**				
05:30		87	323			118	300				
05:45		102	322	287	1346	172	336	425	1314	712	2660
06:00		108	298			153	315				
06:15		140	276			143	289				
06:30		185	261			184	284				
06:45		170	254	603	1089	243	281	723	1169	1326	2258
07:00		240	252			227	282				
07:15		268	215			280	230				
07:30		**323**	222			270	228				
07:45		**339**	210	1170	899	**326**	239	1103	979	2273	1878
08:00		**338**	218			**284**	212				
08:15		**342**	164			**310**	188				
08:30		302	176			**310**	175				
08:45		262	161	1244	719	272	166	1176	741	2420	1460
09:00		258	136			220	156				
09:15		241	112			274	154				
09:30		254	96			286	122				
09:45		226	96	979	440	342	122	1122	554	2101	994
10:00		258	88			312	88				
10:15		248	84			275	84				
10:30		256	48			264	84				
10:45		266	56	1028	276	284	60	1135	316	2163	592
11:00		248	57			282	52				
11:15		262	28			272	50				
11:30		266	93			319	47				
11:45		246	30	1022	208	280	32	1153	181	2175	389
Total		6669	11339	6669	11339	7293	11421	7293	11421	13962	22760
Combined Total		18008		18008		18714		18714		36722	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1342	-	-	-	1230	-	-	-	-	-
P.H.F.		0.981				0.943					
PM Peak	-	-	03:15	-	-	-	04:30	-	-	-	-
Vol.	-	-	1474	-	-	-	1372	-	-	-	-
P.H.F.			0.903				0.980				
Percentage		37.0%	63.0%			39.0%	61.0%				
ADT/AADT		ADT 36,722		AADT 36,722							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Alicia Parkway
S/ Paseo De Valencia
24 Hour Directional Volume Count

LHS006
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	301			39	358				
12:15		18	327			32	351				
12:30		18	342			33	363				
12:45		13	313	68	1283	20	326	124	1398	192	2681
01:00		13	361			22	345				
01:15		13	346			22	314				
01:30		9	332			18	365				
01:45		8	342	43	1381	16	386	78	1410	121	2791
02:00		6	374			19	378				
02:15		14	328			21	389				
02:30		12	458			14	363				
02:45		12	370	44	1530	18	**455**	72	1585	116	3115
03:00		14	405			10	**434**				
03:15		10	405			15	**464**				
03:30		11	**414**			12	**399**				
03:45		20	**417**	55	1641	27	421	64	1718	119	3359
04:00		27	**460**			24	395				
04:15		27	**453**			29	416				
04:30		45	368			31	438				
04:45		51	399	150	1680	65	395	149	1644	299	3324
05:00		66	472			46	420				
05:15		63	408			83	414				
05:30		98	439			103	436				
05:45		136	344	363	1663	184	395	416	1665	779	3328
06:00		128	422			144	379				
06:15		153	354			155	371				
06:30		224	334			224	317				
06:45		224	291	729	1401	253	358	776	1425	1505	2826
07:00		321	281			267	288				
07:15		327	260			359	314				
07:30		355	224			377	264				
07:45		**506**	225	1509	990	**413**	270	1416	1136	2925	2126
08:00		**337**	222			**434**	216				
08:15		**454**	164			**406**	230				
08:30		**376**	179			**407**	196				
08:45		369	160	1536	725	338	235	1585	877	3121	1602
09:00		344	193			298	221				
09:15		300	121			332	175				
09:30		358	116			335	187				
09:45		288	93	1290	523	360	156	1325	739	2615	1262
10:00		350	119			323	128				
10:15		286	100			266	121				
10:30		366	54			347	101				
10:45		292	71	1294	344	327	85	1263	435	2557	779
11:00		310	66			355	71				
11:15		300	39			369	63				
11:30		358	84			341	56				
11:45		289	29	1257	218	331	41	1396	231	2653	449
Total		8338	13379	8338	13379	8664	14263	8664	14263	17002	27642
Combined Total		21717		21717		22927		22927		44644	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1673	-	-	-	1660	-	-	-	-	-
P.H.F.		0.827				0.956					
PM Peak	-	-	03:30	-	-	-	02:45	-	-	-	-
Vol.	-	-	1744	-	-	-	1752	-	-	-	-
P.H.F.			0.948				0.944				
Percentage		38.4%	61.6%			37.8%	62.2%				
ADT/AADT		ADT 44,644		AADT 44,644							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Alicia Parkway
S/ Trabuco Road
24 Hour Directional Volume Count

MSV002
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		39	228			37	243				
12:15		33	216			30	240				
12:30		27	285			23	299				
12:45		19	276	118	1005	13	327	103	1109	221	2114
01:00		16	312			17	244				
01:15		9	253			6	251				
01:30		14	297			8	298				
01:45		14	298	53	1160	9	**320**	40	1113	93	2273
02:00		14	308			6	**302**				
02:15		18	278			9	**273**				
02:30		19	306			13	**305**				
02:45		25	298	76	1190	7	300	35	1180	111	2370
03:00		27	294			6	306				
03:15		40	292			14	271				
03:30		48	308			24	259				
03:45		62	303	177	1197	15	282	59	1118	236	2315
04:00		32	338			43	276				
04:15		39	324			47	287				
04:30		65	287			53	295				
04:45		88	364	224	1313	60	231	203	1089	427	2402
05:00		50	324			97	276				
05:15		53	**394**			101	315				
05:30		71	**340**			131	266				
05:45		106	**418**	280	1476	151	302	480	1159	760	2635
06:00		104	**332**			193	229				
06:15		105	350			202	204				
06:30		126	327			272	196				
06:45		141	304	476	1313	278	188	945	817	1421	2130
07:00		173	267			379	143				
07:15		239	267			376	172				
07:30		229	264			**423**	152				
07:45		**268**	209	909	1007	**498**	111	1676	578	2585	1585
08:00		**250**	200			**464**	135				
08:15		**254**	182			**506**	117				
08:30		**246**	232			382	119				
08:45		228	180	978	794	441	92	1793	463	2771	1257
09:00		200	187			303	100				
09:15		176	166			257	104				
09:30		231	137			315	86				
09:45		234	144	841	634	246	96	1121	386	1962	1020
10:00		208	121			234	91				
10:15		193	127			266	93				
10:30		168	80			277	69				
10:45		237	85	806	413	268	48	1045	301	1851	714
11:00		221	61			278	49				
11:15		236	60			221	28				
11:30		238	52			273	23				
11:45		237	47	932	220	263	16	1035	116	1967	336
Total		5870	11722	5870	11722	8535	9429	8535	9429	14405	21151
Combined Total		17592		17592		17964		17964		35556	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1018	-	-	-	1891	-	-	-	-	-
P.H.F.		0.950				0.934					
PM Peak	-	-	05:15	-	-	-	01:45	-	-	-	-
Vol.	-	-	1484	-	-	-	1200	-	-	-	-
P.H.F.			0.888				0.938				
Percentage		33.4%	66.6%			47.5%	52.5%				
ADT/AADT		ADT 35,556		AADT 35,556							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Aliso Viejo
Aliso Creek Road
E/ El Toro Road
24 Hour Directional Volume Count

ASV009
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	126			12	158				
12:15		13	145			20	140				
12:30		9	151			24	151				
12:45		10	156	48	578	3	165	59	614	107	1192
01:00		9	132			7	144				
01:15		9	126			4	134				
01:30		6	149			24	179				
01:45		11	170	35	577	5	144	40	601	75	1178
02:00		7	138			7	158				
02:15		7	160			6	158				
02:30		10	150			7	202				
02:45		6	202	30	650	9	203	29	721	59	1371
03:00		13	206			10	157				
03:15		12	248			6	209				
03:30		13	187			8	247				
03:45		20	247	58	888	11	224	35	837	93	1725
04:00		24	230			19	210				
04:15		19	258			20	**238**				
04:30		20	279			28	**261**				
04:45		38	275	101	1042	32	**264**	99	973	200	2015
05:00		50	277			56	**250**				
05:15		56	**302**			45	230				
05:30		55	**301**			107	253				
05:45		70	**309**	231	1189	81	182	289	915	520	2104
06:00		41	**281**			144	186				
06:15		74	295			141	186				
06:30		96	253			197	159				
06:45		107	220	318	1049	247	154	729	685	1047	1734
07:00		106	209			305	133				
07:15		131	165			330	135				
07:30		124	144			**355**	102				
07:45		157	133	518	651	**350**	92	1340	462	1858	1113
08:00		**194**	122			**295**	80				
08:15		**196**	123			**364**	91				
08:30		**185**	133			290	63				
08:45		**218**	102	793	480	271	65	1220	299	2013	779
09:00		182	94			220	69				
09:15		122	124			218	57				
09:30		141	109			189	61				
09:45		119	88	564	415	163	59	790	246	1354	661
10:00		129	77			137	40				
10:15		106	70			163	45				
10:30		91	46			137	34				
10:45		111	52	437	245	132	32	569	151	1006	396
11:00		95	32			132	22				
11:15		136	58			146	27				
11:30		132	13			155	25				
11:45		124	24	487	127	123	19	556	93	1043	220
Total		3620	7891	3620	7891	5755	6597	5755	6597	9375	14488
Combined Total		11511		11511		12352		12352		23863	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	793	-	-	-	1364	-	-	-	-	-
P.H.F.		0.909				0.937					
PM Peak	-	-	05:15	-	-	-	04:15	-	-	-	-
Vol.	-	-	1193	-	-	-	1013	-	-	-	-
P.H.F.			0.965				0.959				
Percentage		31.4%	68.6%			46.6%	53.4%				
ADT/AADT		ADT 23,863		AADT 23,863							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Ada - Technology East

File Name 031
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	192			34	207				
12:15	30	193			31	168				
12:30	12	233			25	209				
12:45	23	206	89	824	30	162	120	746	209	1570
1:00	21	208			14	159				
1:15	18	210			15	191				
1:30	23	250			27	253				
1:45	24	224	86	892	18	192	74	795	160	1687
2:00	21	202			11	222				
2:15	19	218			15	207				
2:30	36	199			12	235				
2:45	48	197	124	816	6	182	44	846	168	1662
3:00	33	201			8	216				
3:15	41	184			6	174				
3:30	57	184			17	231				
3:45	88	171	219	740	11	166	42	787	261	1527
4:00	38	216			15	257				
4:15	66	195			14	194				
4:30	141	225			27	246				
4:45	230	242	475	878	30	202	86	899	561	1777
5:00	127	253			31	297				
5:15	150	261			55	252				
5:30	181	263			54	232				
5:45	198	241	656	1018	39	201	179	982	835	2000
6:00	186	224			57	208				
6:15	189	185			61	158				
6:30	201	200			84	156				
6:45	208	184	784	793	101	156	303	678	1087	1471
7:00	231	179			132	109				
7:15	213	154			143	119				
7:30	258	122			188	93				
7:45	302	125	1004	580	189	93	652	414	1656	994
8:00	289	123			207	65				
8:15	281	119			173	69				
8:30	261	107			206	92				
8:45	254	102	1085	451	183	68	769	294	1854	745
9:00	216	83			137	65				
9:15	220	78			128	98				
9:30	237	68			156	63				
9:45	229	62	902	291	138	51	559	277	1461	568
10:00	181	75			133	60				
10:15	194	63			141	58				
10:30	176	63			134	70				
10:45	193	48	744	249	142	50	550	238	1294	487
11:00	155	57			158	54				
11:15	181	35			152	49				
11:30	194	34			192	45				
11:45	202	30	732	156	223	48	725	196	1457	352
Totals	6900	7688			4103	7152				
Combined Totals		14588				11255				
ADT										25843
AM Peak Hour	745	AM			745	AM				
Volume	1133				775					
P.H.F.	0.938				0.936					
PM Peak Hour		445	PM			430	PM			
Volume		1019				997				
P.H.F.		0.969				0.839				
Percentage	47.3%	52.7%			36.5%	63.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

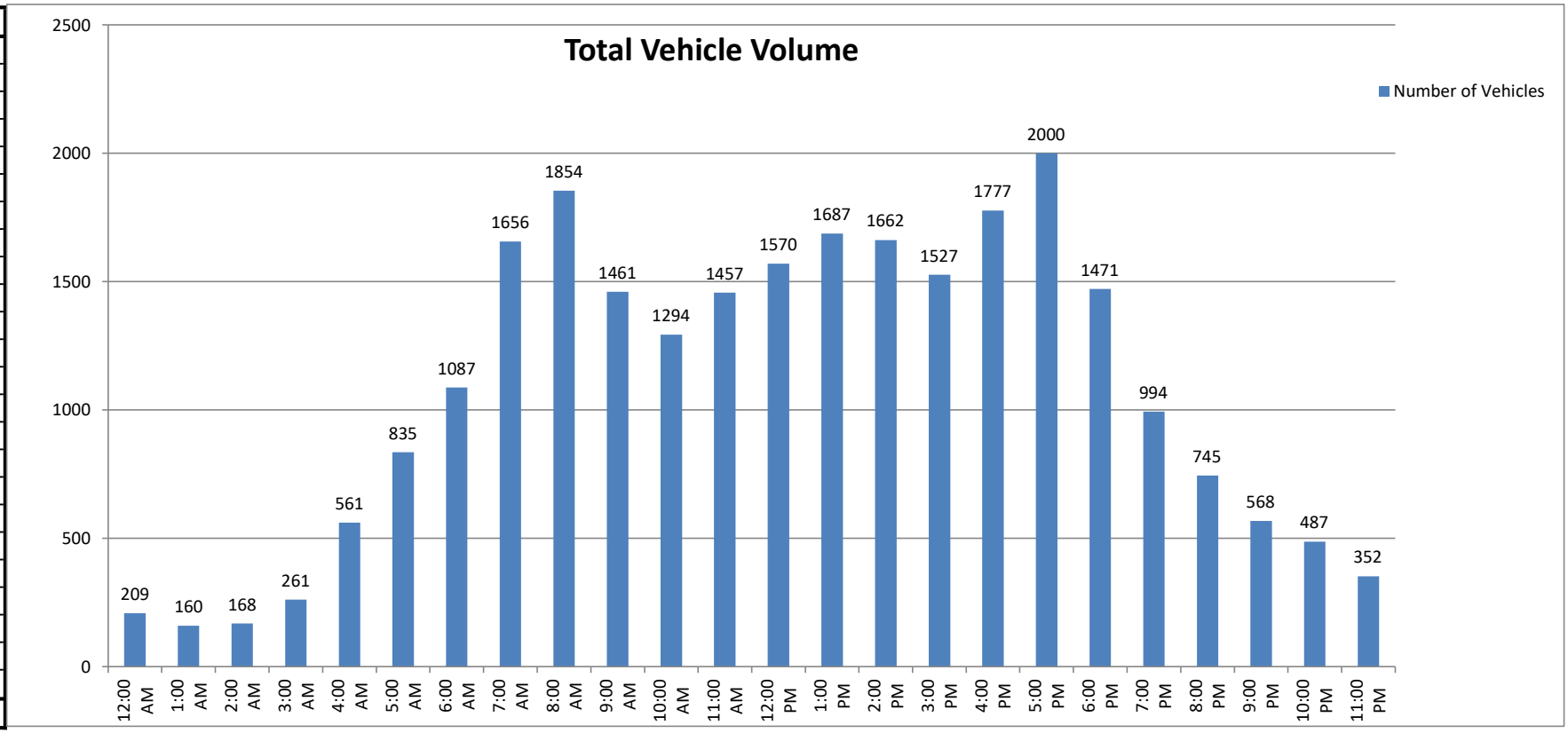
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Ada - Technology East

1/24/2024

Start Time	1/24/2024
12:00 AM	209
1:00 AM	160
2:00 AM	168
3:00 AM	261
4:00 AM	561
5:00 AM	835
6:00 AM	1087
7:00 AM	1656
8:00 AM	1854
9:00 AM	1461
10:00 AM	1294
11:00 AM	1457
12:00 PM	1570
1:00 PM	1687
2:00 PM	1662
3:00 PM	1527
4:00 PM	1777
5:00 PM	2000
6:00 PM	1471
7:00 PM	994
8:00 PM	745
9:00 PM	568
10:00 PM	487
11:00 PM	352
Total	25843



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Ada - Technology East

File Name 031
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	175			33	215				
12:15	37	215			30	152				
12:30	16	207			22	198				
12:45	30	245	116	842	28	165	113	730	229	1572
1:00	15	209			21	155				
1:15	14	260			12	182				
1:30	27	218			24	251				
1:45	25	215	81	902	26	200	83	788	164	1690
2:00	22	201			20	183				
2:15	23	190			19	212				
2:30	42	192			9	276				
2:45	51	191	138	774	9	201	57	872	195	1646
3:00	35	202			5	225				
3:15	40	170			19	204				
3:30	56	225			16	214				
3:45	98	181	229	778	14	212	54	855	283	1633
4:00	45	201			14	214				
4:15	62	213			25	212				
4:30	133	229			31	212				
4:45	224	222	464	865	24	232	94	870	558	1735
5:00	121	236			33	270				
5:15	136	249			44	260				
5:30	194	219			58	235				
5:45	218	227	669	931	42	228	177	993	846	1924
6:00	212	238			62	195				
6:15	187	197			71	189				
6:30	208	168			86	163				
6:45	224	171	831	774	92	131	311	678	1142	1452
7:00	215	161			157	129				
7:15	188	128			163	111				
7:30	236	147			237	87				
7:45	266	138	905	574	193	86	750	413	1655	987
8:00	272	128			232	92				
8:15	275	111			218	85				
8:30	255	124			217	89				
8:45	261	108	1063	471	179	70	846	336	1909	807
9:00	248	81			149	77				
9:15	230	81			139	80				
9:30	199	74			146	72				
9:45	204	94	881	330	140	41	574	270	1455	600
10:00	236	61			129	66				
10:15	186	78			136	63				
10:30	185	69			159	65				
10:45	172	53	779	261	151	47	575	241	1354	502
11:00	172	34			133	48				
11:15	181	32			157	41				
11:30	183	41			201	45				
11:45	189	33	725	140	217	32	708	166	1433	306
Totals	6881	7642			4342	7212				
Combined Totals		14523				11554				
ADT										26077
AM Peak Hour	745	AM			730	AM				
Volume	1068				880					
P.H.F.	0.971				0.928					
PM Peak Hour		430	PM			445	PM			
Volume		936				997				
P.H.F.		0.940				0.923				
Percentage	47.4%	52.6%			37.6%	62.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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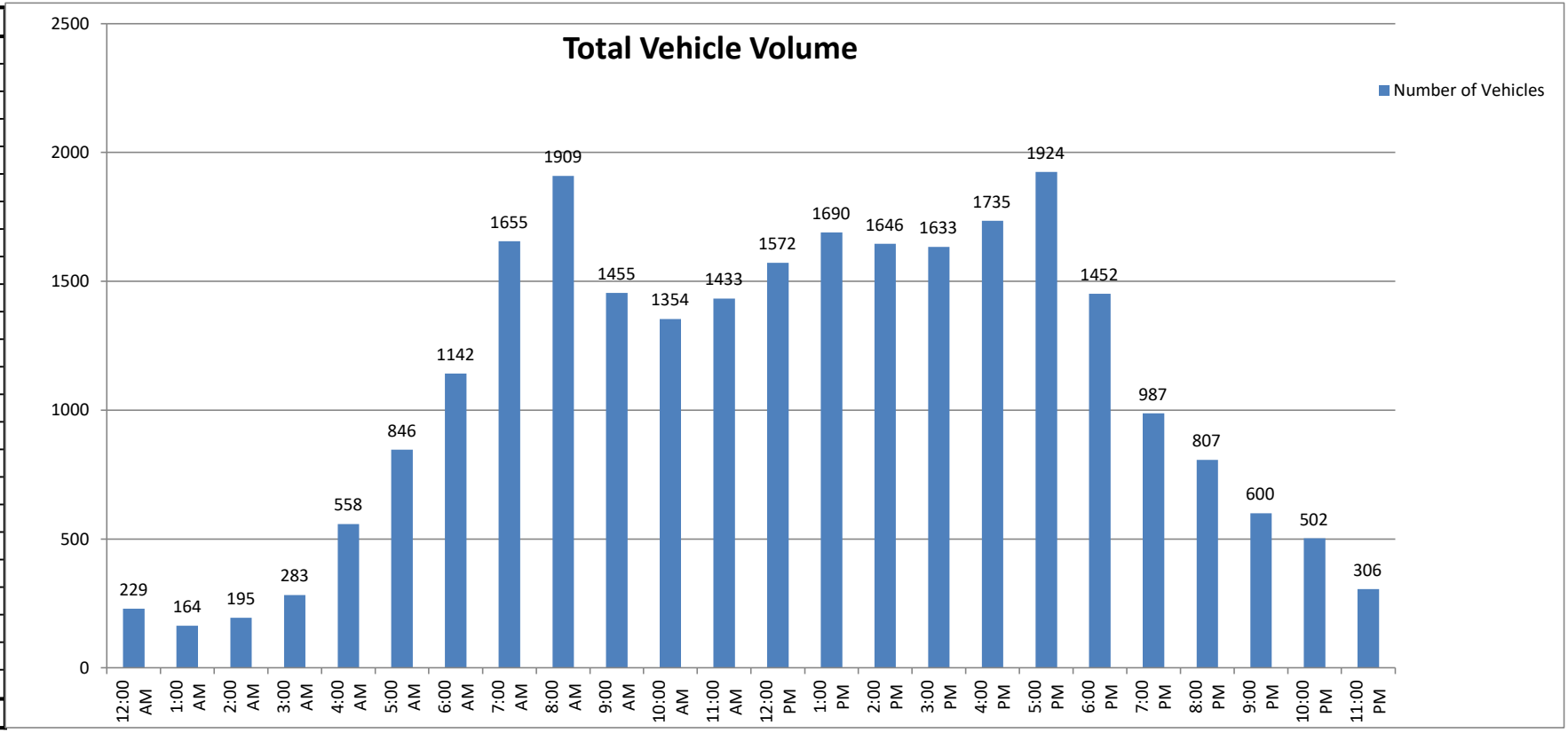
24 Hour Volume Plot

Alton Parkway
B/ Ada - Technology East

1/25/2024

Start Time	1/25/2024
12:00 AM	229
1:00 AM	164
2:00 AM	195
3:00 AM	283
4:00 AM	558
5:00 AM	846
6:00 AM	1142
7:00 AM	1655
8:00 AM	1909
9:00 AM	1455
10:00 AM	1354
11:00 AM	1433
12:00 PM	1572
1:00 PM	1690
2:00 PM	1646
3:00 PM	1633
4:00 PM	1735
5:00 PM	1924
6:00 PM	1452
7:00 PM	987
8:00 PM	807
9:00 PM	600
10:00 PM	502
11:00 PM	306
Total	26077



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Ada - Technology East

File Name 031
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	184			34	211				
12:15	34	204			31	160				
12:30	14	220			24	204				
12:45	27	226	103	833	29	164	117	738	219	1571
1:00	18	209			18	157				
1:15	16	235			14	187				
1:30	25	234			26	252				
1:45	25	220	84	897	22	196	79	792	162	1689
2:00	22	202			16	203				
2:15	21	204			17	210				
2:30	39	196			11	256				
2:45	50	194	131	795	8	192	51	859	182	1654
3:00	34	202			7	221				
3:15	41	177			13	189				
3:30	57	205			17	223				
3:45	93	176	224	759	13	189	48	821	272	1580
4:00	42	209			15	236				
4:15	64	204			20	203				
4:30	137	227			29	229				
4:45	227	232	470	872	27	217	90	885	560	1756
5:00	124	245			32	284				
5:15	143	255			50	256				
5:30	188	241			56	234				
5:45	208	234	663	975	41	215	178	988	841	1962
6:00	199	231			60	202				
6:15	188	191			66	174				
6:30	205	184			85	160				
6:45	216	178	808	784	97	144	307	678	1115	1462
7:00	223	170			145	119				
7:15	201	141			153	115				
7:30	247	135			213	90				
7:45	284	132	955	577	191	90	701	414	1656	991
8:00	281	126			220	79				
8:15	278	115			196	77				
8:30	258	116			212	91				
8:45	258	105	1074	461	181	69	808	315	1882	776
9:00	232	82			143	71				
9:15	225	80			134	89				
9:30	218	71			151	68				
9:45	217	78	892	311	139	46	567	274	1458	584
10:00	209	68			131	63				
10:15	190	71			139	61				
10:30	181	66			147	68				
10:45	183	51	762	255	147	49	563	240	1324	495
11:00	164	46			146	51				
11:15	181	34			155	45				
11:30	189	38			197	45				
11:45	196	32	729	148	220	40	717	181	1445	329
Totals	6891	7665			4223	7182				
Combined Totals		14556				11405				
ADT										25960
AM Peak Hour	745	AM			730	AM				
Volume	1101				819					
P.H.F.	0.969				0.932					
PM Peak Hour		500	PM			445	PM			
Volume		975				990				
P.H.F.		0.955				0.873				
Percentage	47.3%	52.7%			37.0%	63.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Banting - Pacifica

File Name 023
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	124			3	75				
12:15	20	94			4	71				
12:30	41	99			3	99				
12:45	19	104	95	421	3	105	13	350	108	771
1:00	9	107			4	135				
1:15	13	100			7	108				
1:30	8	149			3	91				
1:45	4	135	34	491	3	86	17	420	51	911
2:00	8	109			3	63				
2:15	7	130			1	83				
2:30	9	185			4	77				
2:45	6	130	30	554	1	93	9	316	39	870
3:00	3	158			3	104				
3:15	3	149			0	68				
3:30	2	176			3	60				
3:45	5	132	13	615	2	90	8	322	21	937
4:00	4	171			4	109				
4:15	4	144			5	108				
4:30	10	173			11	116				
4:45	22	206	40	694	17	147	37	480	77	1174
5:00	12	263			20	146				
5:15	12	214			13	172				
5:30	17	200			13	184				
5:45	20	196	61	873	13	152	59	654	120	1527
6:00	33	191			18	116				
6:15	25	190			26	110				
6:30	22	133			30	79				
6:45	34	121	114	635	55	67	129	372	243	1007
7:00	59	109			36	54				
7:15	49	94			66	45				
7:30	78	101			119	39				
7:45	83	66	269	370	194	34	415	172	684	542
8:00	110	74			253	30				
8:15	129	57			210	27				
8:30	114	63			233	26				
8:45	130	41	483	235	224	28	920	111	1403	346
9:00	89	68			148	31				
9:15	99	41			117	26				
9:30	119	39			91	24				
9:45	121	32	428	180	81	18	437	99	865	279
10:00	101	45			84	18				
10:15	60	39			54	21				
10:30	93	47			64	8				
10:45	85	23	339	154	73	13	275	60	614	214
11:00	100	34			57	12				
11:15	79	21			50	12				
11:30	93	33			52	11				
11:45	116	19	388	107	53	5	212	40	600	147
Totals	2294	5329			2531	3396				
Combined Totals		7623				5927				
ADT										13550
AM Peak Hour	800	AM			800	AM				
Volume	483				920					
P.H.F.	0.929				0.909					
PM Peak Hour		445	PM			500	PM			
Volume		883				654				
P.H.F.		0.839				0.889				
Percentage	30.1%	69.9%			42.7%	57.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

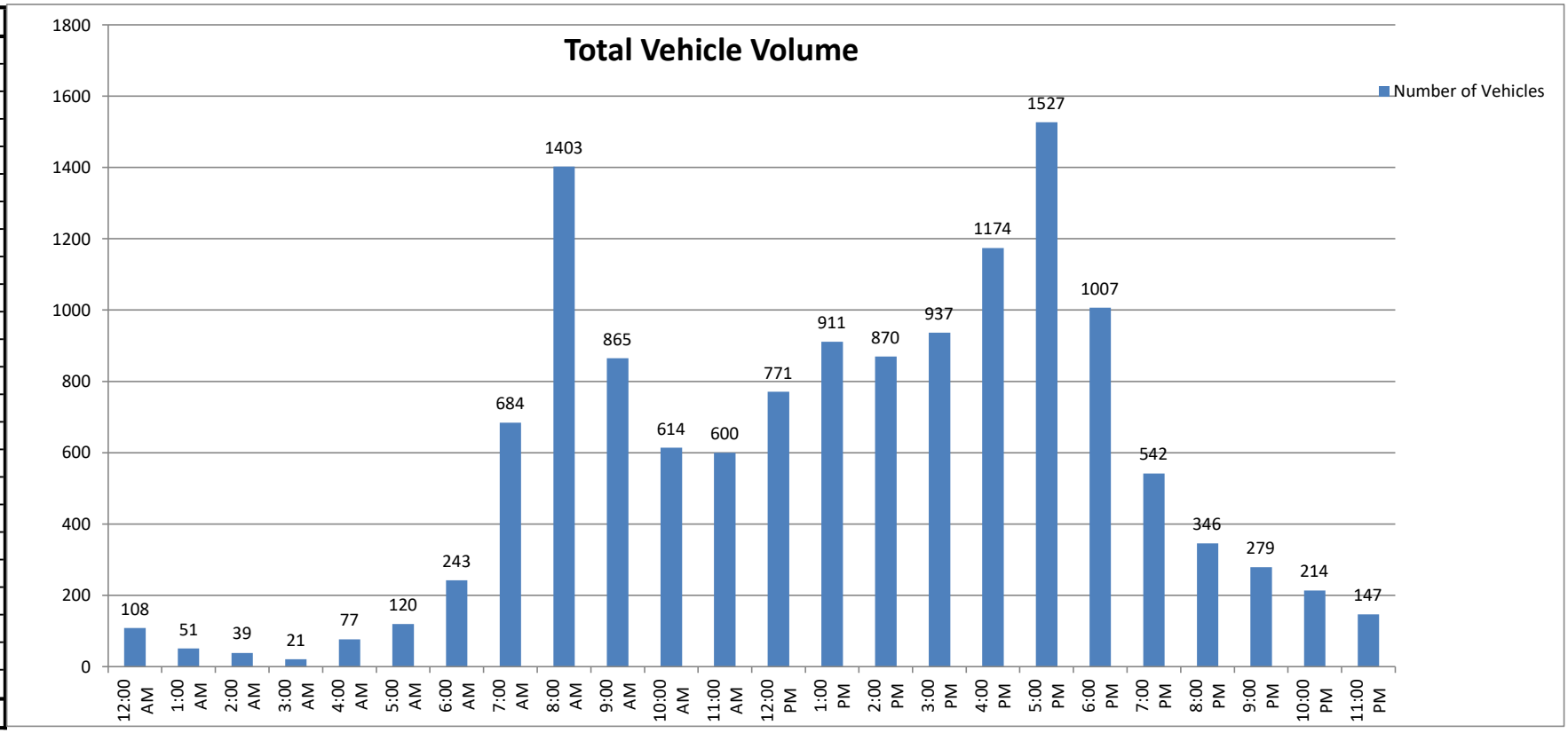
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Banting - Pacifica

1/24/2024

Start Time	1/24/2024
12:00 AM	108
1:00 AM	51
2:00 AM	39
3:00 AM	21
4:00 AM	77
5:00 AM	120
6:00 AM	243
7:00 AM	684
8:00 AM	1403
9:00 AM	865
10:00 AM	614
11:00 AM	600
12:00 PM	771
1:00 PM	911
2:00 PM	870
3:00 PM	937
4:00 PM	1174
5:00 PM	1527
6:00 PM	1007
7:00 PM	542
8:00 PM	346
9:00 PM	279
10:00 PM	214
11:00 PM	147
Total	13550



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Banting - Pacifica

File Name 023
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	107			8	71				
12:15	25	126			7	76				
12:30	34	110			2	74				
12:45	12	107	87	450	7	82	24	303	111	753
1:00	6	89			0	76				
1:15	11	90			6	93				
1:30	8	125			3	76				
1:45	9	125	34	429	4	86	13	331	47	760
2:00	5	108			4	100				
2:15	1	123			4	99				
2:30	10	192			1	85				
2:45	4	173	20	596	1	66	10	350	30	946
3:00	5	147			0	99				
3:15	1	163			2	85				
3:30	7	167			2	87				
3:45	2	137	15	614	6	100	10	371	25	985
4:00	8	128			2	120				
4:15	5	151			2	151				
4:30	12	175			7	160				
4:45	12	185	37	639	19	175	30	606	67	1245
5:00	13	183			16	155				
5:15	13	174			14	160				
5:30	20	192			14	156				
5:45	20	195	66	744	16	129	60	600	126	1344
6:00	28	213			26	91				
6:15	20	177			30	89				
6:30	29	107			29	86				
6:45	38	112	115	609	55	51	140	317	255	926
7:00	37	109			49	55				
7:15	42	74			74	50				
7:30	71	83			113	36				
7:45	68	85	218	351	160	41	396	182	614	533
8:00	102	61			184	27				
8:15	120	54			213	34				
8:30	132	75			221	33				
8:45	118	53	472	243	184	32	802	126	1274	369
9:00	104	41			188	28				
9:15	102	42			144	24				
9:30	97	35			108	19				
9:45	88	36	391	154	84	21	524	92	915	246
10:00	98	48			77	15				
10:15	80	40			55	20				
10:30	86	32			56	14				
10:45	98	25	362	145	71	9	259	58	621	203
11:00	85	25			70	11				
11:15	92	25			62	7				
11:30	105	33			43	7				
11:45	101	17	383	100	76	4	251	29	634	129
Totals	2200	5074			2519	3365				
Combined Totals		7274				5884				
ADT										13158
AM Peak Hour	815	AM			815	AM				
Volume	474				806					
P.H.F.	0.898				0.912					
PM Peak Hour		530	PM			430	PM			
Volume		777				650				
P.H.F.		0.912				0.929				
Percentage	30.2%	69.8%			42.8%	57.2%				

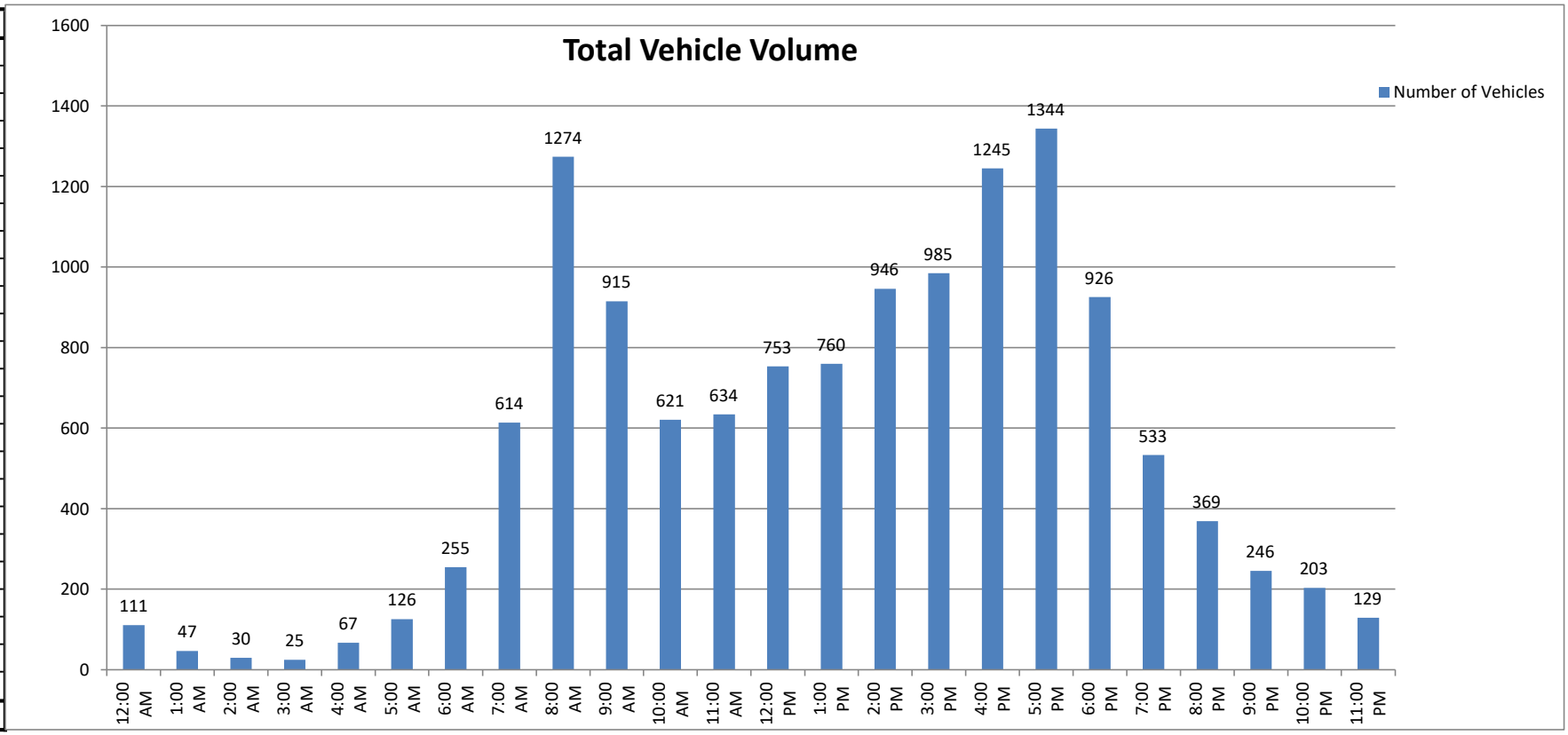
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Banting - Pacifica
1/25/2024

Start Time	1/25/2024
12:00 AM	111
1:00 AM	47
2:00 AM	30
3:00 AM	25
4:00 AM	67
5:00 AM	126
6:00 AM	255
7:00 AM	614
8:00 AM	1274
9:00 AM	915
10:00 AM	621
11:00 AM	634
12:00 PM	753
1:00 PM	760
2:00 PM	946
3:00 PM	985
4:00 PM	1245
5:00 PM	1344
6:00 PM	926
7:00 PM	533
8:00 PM	369
9:00 PM	246
10:00 PM	203
11:00 PM	129
Total	13158



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Banting - Pacifica

File Name 023
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	116			6	73				
12:15	23	110			6	74				
12:30	38	105			3	87				
12:45	16	106	91	436	5	94	19	327	110	762
1:00	8	98			2	106				
1:15	12	95			7	101				
1:30	8	137			3	84				
1:45	7	130	34	460	4	86	15	376	49	836
2:00	7	109			4	82				
2:15	4	127			3	91				
2:30	10	189			3	81				
2:45	5	152	25	575	1	80	10	333	35	908
3:00	4	153			2	102				
3:15	2	156			1	77				
3:30	5	172			3	74				
3:45	4	135	14	615	4	95	9	347	23	961
4:00	6	150			3	115				
4:15	5	148			4	130				
4:30	11	174			9	138				
4:45	17	196	39	667	18	161	34	543	72	1210
5:00	13	223			18	151				
5:15	13	194			14	166				
5:30	19	196			14	170				
5:45	20	196	64	809	15	141	60	627	123	1436
6:00	31	202			22	104				
6:15	23	184			28	100				
6:30	26	120			30	83				
6:45	36	117	115	622	55	59	135	345	249	967
7:00	48	109			43	55				
7:15	46	84			70	48				
7:30	75	92			116	38				
7:45	76	76	244	361	177	38	406	177	649	538
8:00	106	68			219	29				
8:15	125	56			212	31				
8:30	123	69			227	30				
8:45	124	47	478	239	204	30	861	119	1339	358
9:00	97	55			168	30				
9:15	101	42			131	25				
9:30	108	37			100	22				
9:45	105	34	410	167	83	20	481	96	890	263
10:00	100	47			81	17				
10:15	70	40			55	21				
10:30	90	40			60	11				
10:45	92	24	351	150	72	11	267	59	618	209
11:00	93	30			64	12				
11:15	86	23			56	10				
11:30	99	33			48	9				
11:45	109	18	386	104	65	5	232	35	617	138
Totals	2247	5202			2525	3381				
Combined Totals		7449				5906				
ADT										13354
AM Peak Hour	800	AM			800	AM				
Volume	478				861					
P.H.F.	0.959				0.948					
PM Peak Hour		500	PM			445	PM			
Volume		809				648				
P.H.F.		0.906				0.952				
Percentage	30.2%	69.8%			42.8%	57.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Barranca Parkway - Jeronimo Road

File Name 033
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	31	299			49	251				
12:15	26	222			32	240				
12:30	16	263			25	267				
12:45	21	242	94	1026	22	191	128	949	222	1975
1:00	25	266			19	250				
1:15	28	239			16	258				
1:30	29	257			27	319				
1:45	35	272	117	1034	18	280	80	1107	197	2141
2:00	34	211			15	276				
2:15	20	264			12	237				
2:30	43	220			12	361				
2:45	69	220	166	915	9	229	48	1103	214	2018
3:00	45	273			10	282				
3:15	46	274			6	216				
3:30	54	241			21	312				
3:45	109	273	254	1061	16	252	53	1062	307	2123
4:00	36	312			23	310				
4:15	69	332			17	253				
4:30	143	340			30	327				
4:45	195	372	443	1356	42	296	112	1186	555	2542
5:00	127	409			68	340				
5:15	136	484			62	301				
5:30	188	386			73	271				
5:45	200	390	651	1669	84	227	287	1139	938	2808
6:00	200	341			81	198				
6:15	196	287			110	190				
6:30	203	278			162	183				
6:45	177	228	776	1134	200	168	553	739	1329	1873
7:00	239	245			218	128				
7:15	209	214			268	133				
7:30	271	169			389	124				
7:45	301	168	1020	796	450	93	1325	478	2345	1274
8:00	270	152			428	87				
8:15	303	163			441	81				
8:30	248	126			423	99				
8:45	246	120	1067	561	426	84	1718	351	2785	912
9:00	210	108			305	86				
9:15	178	109			265	114				
9:30	215	90			255	62				
9:45	164	90	767	397	270	62	1095	324	1862	721
10:00	167	87			210	61				
10:15	152	67			221	73				
10:30	150	80			215	74				
10:45	195	66	664	300	205	49	851	257	1515	557
11:00	188	57			232	67				
11:15	193	44			207	42				
11:30	258	39			242	47				
11:45	252	34	891	174	243	49	924	205	1815	379
Totals	6910	10423			7174	8900				
Combined Totals		17333				16074				
ADT										33407
AM Peak Hour	730	AM			745	AM				
Volume	1145				1742					
P.H.F.	0.945				0.968					
PM Peak Hour		500	PM			430	PM			
Volume		1669				1264				
P.H.F.		0.862				0.929				
Percentage	39.9%	60.1%			44.6%	55.4%				

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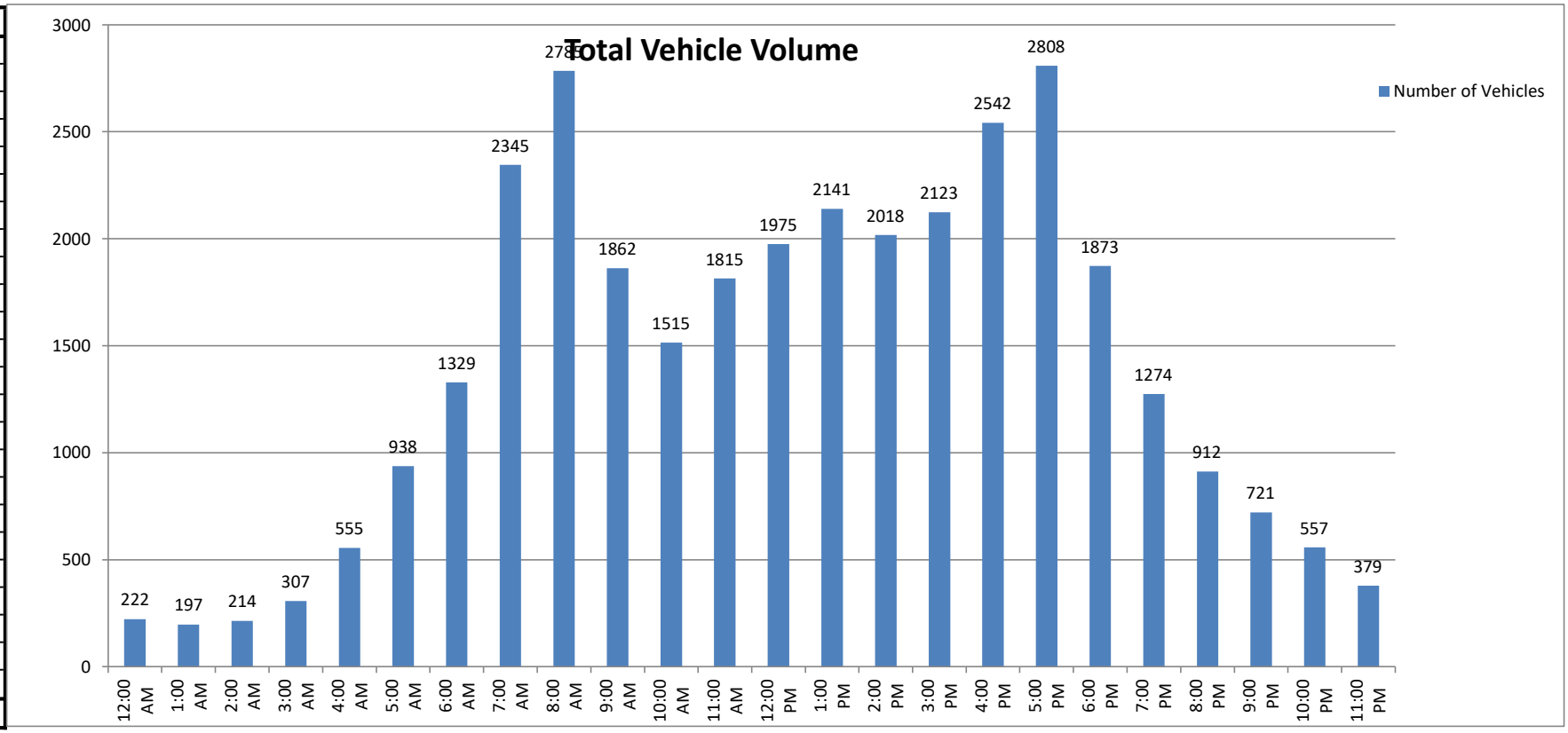
24 Hour Volume Plot

Alton Parkway
B/ Barranca Parkway - Jeronimo Road

1/24/2024

Start Time	1/24/2024
12:00 AM	222
1:00 AM	197
2:00 AM	214
3:00 AM	307
4:00 AM	555
5:00 AM	938
6:00 AM	1329
7:00 AM	2345
8:00 AM	2785
9:00 AM	1862
10:00 AM	1515
11:00 AM	1815
12:00 PM	1975
1:00 PM	2141
2:00 PM	2018
3:00 PM	2123
4:00 PM	2542
5:00 PM	2808
6:00 PM	1873
7:00 PM	1274
8:00 PM	912
9:00 PM	721
10:00 PM	557
11:00 PM	379
Total	33407



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Barranca Parkway - Jeronimo Road

File Name 033
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	241			39	233				
12:15	36	248			25	213				
12:30	22	257			19	264				
12:45	32	242	125	988	32	209	115	919	240	1907
1:00	11	269			17	221				
1:15	20	275			11	225				
1:30	38	281			28	311				
1:45	33	224	102	1049	22	263	78	1020	180	2069
2:00	27	228			19	279				
2:15	26	252			21	280				
2:30	47	233			8	364				
2:45	67	249	167	962	10	291	58	1214	225	2176
3:00	46	248			10	292				
3:15	43	250			12	245				
3:30	61	278			20	320				
3:45	112	309	262	1085	14	256	56	1113	318	2198
4:00	43	285			28	309				
4:15	56	352			26	303				
4:30	130	320			28	325				
4:45	187	355	416	1312	39	284	121	1221	537	2533
5:00	114	392			57	359				
5:15	104	412			59	305				
5:30	198	378			76	305				
5:45	198	341	614	1523	91	246	283	1215	897	2738
6:00	212	352			95	199				
6:15	200	290			108	198				
6:30	221	251			150	171				
6:45	245	246	878	1139	183	145	536	713	1414	1852
7:00	203	227			265	156				
7:15	206	159			315	134				
7:30	229	166			437	106				
7:45	273	171	911	723	459	96	1476	492	2387	1215
8:00	244	151			485	124				
8:15	322	147			477	85				
8:30	249	127			449	114				
8:45	267	126	1082	551	401	54	1812	377	2894	928
9:00	208	87			306	102				
9:15	198	115			276	84				
9:30	164	89			269	85				
9:45	172	122	742	413	248	47	1099	318	1841	731
10:00	198	71			215	81				
10:15	185	70			202	61				
10:30	169	87			237	69				
10:45	160	68	712	296	213	48	867	259	1579	555
11:00	204	47			208	51				
11:15	188	36			205	50				
11:30	230	48			250	51				
11:45	215	37	837	168	241	33	904	185	1741	353
Totals	6848	10209			7405	9046				
Combined Totals		17057				16451				
ADT										33508
AM Peak Hour	745	AM			745	AM				
Volume	1088				1870					
P.H.F.	0.845				0.964					
PM Peak Hour		445	PM			430	PM			
Volume		1537				1273				
P.H.F.		0.933				0.886				
Percentage	40.1%	59.9%			45.0%	55.0%				

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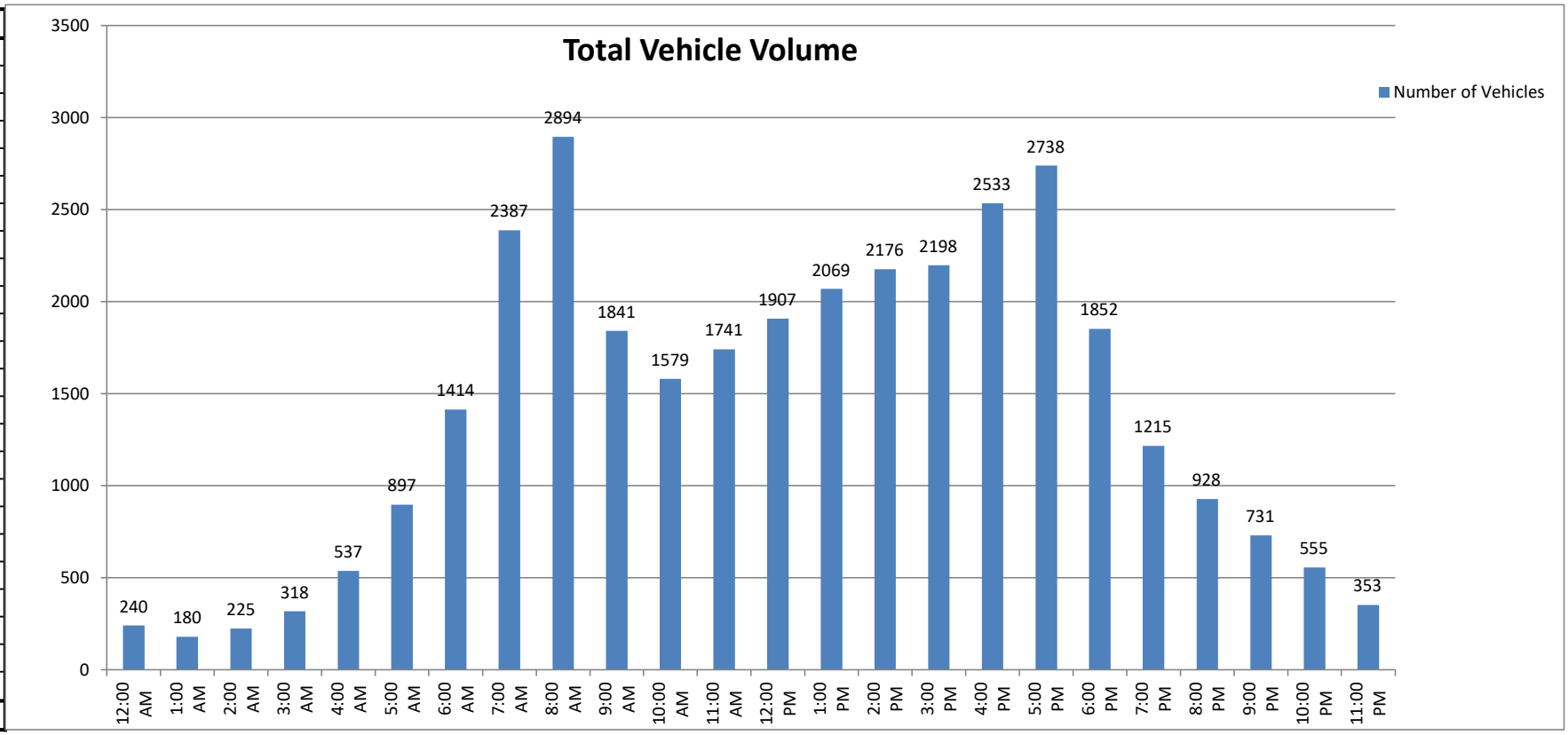
24 Hour Volume Plot

Alton Parkway
B/ Barranca Parkway - Jeronimo Road

1/25/2024

Start Time	1/25/2024
12:00 AM	240
1:00 AM	180
2:00 AM	225
3:00 AM	318
4:00 AM	537
5:00 AM	897
6:00 AM	1414
7:00 AM	2387
8:00 AM	2894
9:00 AM	1841
10:00 AM	1579
11:00 AM	1741
12:00 PM	1907
1:00 PM	2069
2:00 PM	2176
3:00 PM	2198
4:00 PM	2533
5:00 PM	2738
6:00 PM	1852
7:00 PM	1215
8:00 PM	928
9:00 PM	731
10:00 PM	555
11:00 PM	353
Total	33508



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Barranca Parkway - Jeronimo Road

File Name 033
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	270			44	242				
12:15	31	235			29	227				
12:30	19	260			22	266				
12:45	27	242	110	1007	27	200	122	934	231	1941
1:00	18	268			18	236				
1:15	24	257			14	242				
1:30	34	269			28	315				
1:45	34	248	110	1042	20	272	79	1064	189	2105
2:00	31	220			17	278				
2:15	23	258			17	259				
2:30	45	227			10	363				
2:45	68	235	167	939	10	260	53	1159	220	2097
3:00	46	261			10	287				
3:15	45	262			9	231				
3:30	58	260			21	316				
3:45	111	291	258	1073	15	254	55	1088	313	2161
4:00	40	299			26	310				
4:15	63	342			22	278				
4:30	137	330			29	326				
4:45	191	364	430	1334	41	290	117	1204	546	2538
5:00	121	401			63	350				
5:15	120	448			61	303				
5:30	193	382			75	288				
5:45	199	366	633	1596	88	237	285	1177	918	2773
6:00	206	347			88	199				
6:15	198	289			109	194				
6:30	212	265			156	177				
6:45	211	237	827	1137	192	157	545	726	1372	1863
7:00	221	236			242	142				
7:15	208	187			292	134				
7:30	250	168			413	115				
7:45	287	170	966	760	455	95	1401	485	2366	1245
8:00	257	152			457	106				
8:15	313	155			459	83				
8:30	249	127			436	107				
8:45	257	123	1075	556	414	69	1765	364	2840	920
9:00	209	98			306	94				
9:15	188	112			271	99				
9:30	190	90			262	74				
9:45	168	106	755	405	259	55	1097	321	1852	726
10:00	183	79			213	71				
10:15	169	69			212	67				
10:30	160	84			226	72				
10:45	178	67	688	298	209	49	859	258	1547	556
11:00	196	52			220	59				
11:15	191	40			206	46				
11:30	244	44			246	49				
11:45	234	36	864	171	242	41	914	195	1778	366
Totals	6879	10316			7290	8973				
Combined Totals		17195				16263				
ADT										33458
AM Peak Hour	730	AM			745	AM				
Volume	1107				1806					
P.H.F.	0.885				0.984					
PM Peak Hour		500	PM			430	PM			
Volume		1596				1269				
P.H.F.		0.891				0.907				
Percentage	40.0%	60.0%			44.8%	55.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Bertea - Fairbanks

File Name 038
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	183			10	134				
12:15	15	170			8	141				
12:30	10	159			13	162				
12:45	11	167	54	679	7	149	38	586	92	1265
1:00	6	164			3	173				
1:15	10	140			7	188				
1:30	4	156			4	192				
1:45	5	183	25	643	7	169	21	722	46	1365
2:00	11	153			3	148				
2:15	6	147			6	154				
2:30	2	145			7	198				
2:45	7	155	26	600	4	158	20	658	46	1258
3:00	12	202			9	165				
3:15	8	201			6	126				
3:30	12	187			11	161				
3:45	24	194	56	784	8	135	34	587	90	1371
4:00	8	275			17	165				
4:15	30	278			12	126				
4:30	68	300			25	138				
4:45	85	292	191	1145	45	140	99	569	290	1714
5:00	51	374			73	150				
5:15	51	384			51	176				
5:30	75	303			59	137				
5:45	102	325	279	1386	73	130	256	593	535	1979
6:00	115	299			74	128				
6:15	100	242			78	104				
6:30	114	231			125	103				
6:45	91	167	420	939	163	101	440	436	860	1375
7:00	108	170			218	69				
7:15	107	191			255	74				
7:30	112	119			336	73				
7:45	136	138	463	618	414	52	1223	268	1686	886
8:00	146	119			367	44				
8:15	134	120			348	55				
8:30	168	112			329	46				
8:45	115	90	563	441	349	38	1393	183	1956	624
9:00	97	104			232	45				
9:15	103	81			223	77				
9:30	116	78			214	32				
9:45	93	57	409	320	192	20	861	174	1270	494
10:00	103	76			143	33				
10:15	102	50			147	34				
10:30	94	57			159	25				
10:45	115	56	414	239	150	21	599	113	1013	352
11:00	120	42			154	18				
11:15	122	29			130	12				
11:30	160	25			142	15				
11:45	165	24	567	120	146	12	572	57	1139	177
Totals	3467	7914			5556	4946				
Combined Totals		11381				10502				
ADT										21883
AM Peak Hour	745	AM			730	AM				
Volume	584				1465					
P.H.F.	0.869				0.885					
PM Peak Hour		500	PM			100	PM			
Volume		1386				722				
P.H.F.		0.902				0.940				
Percentage	30.5%	69.5%			52.9%	47.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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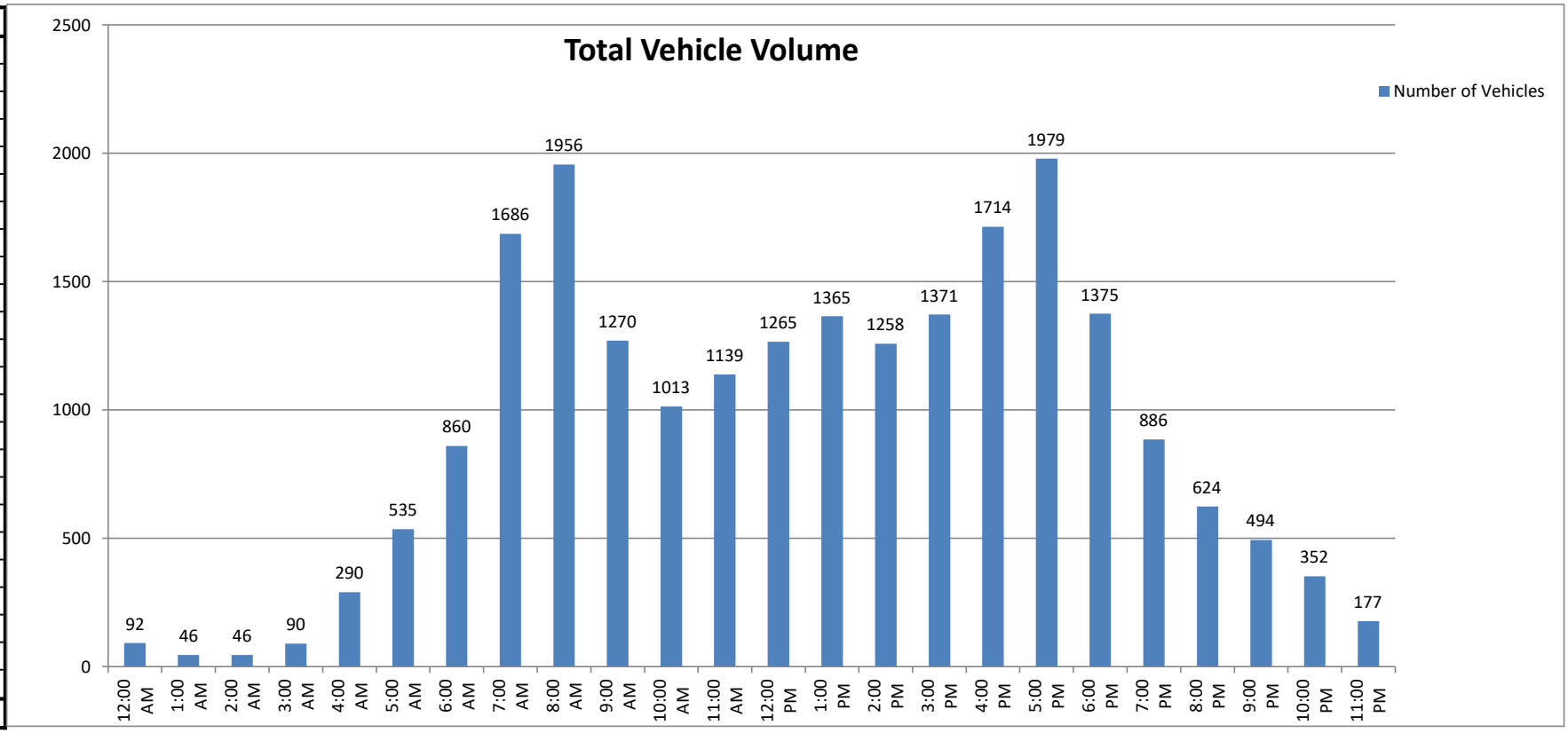
24 Hour Volume Plot

Alton Parkway
B/ Bertea - Fairbanks

1/24/2024

Start Time	1/24/2024
12:00 AM	92
1:00 AM	46
2:00 AM	46
3:00 AM	90
4:00 AM	290
5:00 AM	535
6:00 AM	860
7:00 AM	1686
8:00 AM	1956
9:00 AM	1270
10:00 AM	1013
11:00 AM	1139
12:00 PM	1265
1:00 PM	1365
2:00 PM	1258
3:00 PM	1371
4:00 PM	1714
5:00 PM	1979
6:00 PM	1375
7:00 PM	886
8:00 PM	624
9:00 PM	494
10:00 PM	352
11:00 PM	177
Total	21883



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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Bertea - Fairbanks

File Name 038
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	185			12	133				
12:15	28	196			11	145				
12:30	10	155			10	148				
12:45	14	160	66	696	12	176	45	602	111	1298
1:00	4	141			5	148				
1:15	5	180			5	186				
1:30	9	169			6	190				
1:45	5	151	23	641	4	157	20	681	43	1322
2:00	11	148			3	158				
2:15	6	160			9	159				
2:30	6	176			7	179				
2:45	12	171	35	655	9	179	28	675	63	1330
3:00	8	203			5	166				
3:15	11	170			4	146				
3:30	11	232			12	152				
3:45	26	211	56	816	14	152	35	616	91	1432
4:00	19	249			18	174				
4:15	24	265			21	158				
4:30	63	283			28	135				
4:45	77	281	183	1078	40	136	107	603	290	1681
5:00	45	329			64	170				
5:15	43	366			49	172				
5:30	97	303			66	149				
5:45	93	271	278	1269	67	130	246	621	524	1890
6:00	110	269			75	105				
6:15	137	226			95	133				
6:30	104	208			136	97				
6:45	130	187	481	890	141	92	447	427	928	1317
7:00	95	183			275	77				
7:15	95	146			302	85				
7:30	115	131			412	53				
7:45	142	126	447	586	500	54	1489	269	1936	855
8:00	111	108			469	77				
8:15	201	108			410	54				
8:30	137	106			382	47				
8:45	109	104	558	426	319	25	1580	203	2138	629
9:00	111	67			249	55				
9:15	99	83			237	48				
9:30	116	74			201	34				
9:45	103	84	429	308	207	30	894	167	1323	475
10:00	112	64			167	42				
10:15	101	58			143	31				
10:30	116	66			159	19				
10:45	106	58	435	246	150	18	619	110	1054	356
11:00	136	27			147	23				
11:15	128	30			129	12				
11:30	155	30			149	22				
11:45	159	27	578	114	134	8	559	65	1137	179
Totals	3569	7725			6069	5039				
Combined Totals		11294				11108				
ADT										22402
AM Peak Hour	745	AM			730	AM				
Volume	591				1791					
P.H.F.	0.735				0.896					
PM Peak Hour		445	PM			2445	PM			
Volume		1279				700				
P.H.F.		0.874				0.921				
Percentage	31.6%	68.4%			54.6%	45.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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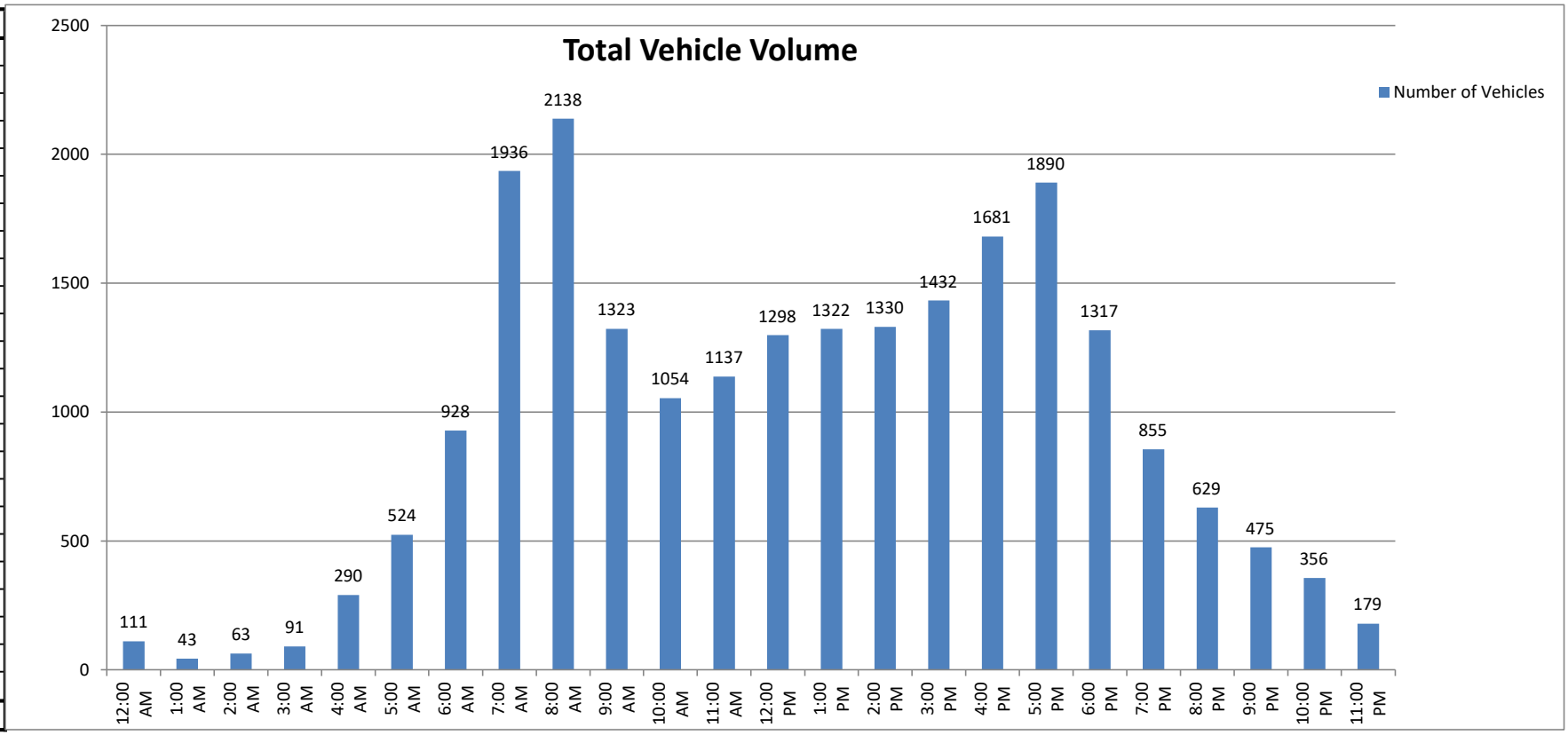
24 Hour Volume Plot

Alton Parkway
B/ Bertea - Fairbanks

1/25/2024

Start Time	1/25/2024
12:00 AM	111
1:00 AM	43
2:00 AM	63
3:00 AM	91
4:00 AM	290
5:00 AM	524
6:00 AM	928
7:00 AM	1936
8:00 AM	2138
9:00 AM	1323
10:00 AM	1054
11:00 AM	1137
12:00 PM	1298
1:00 PM	1322
2:00 PM	1330
3:00 PM	1432
4:00 PM	1681
5:00 PM	1890
6:00 PM	1317
7:00 PM	855
8:00 PM	629
9:00 PM	475
10:00 PM	356
11:00 PM	179
Total	22402



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Bertea - Fairbanks

File Name 038
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	184			11	134				
12:15	22	183			10	143				
12:30	10	157			12	155				
12:45	13	164	60	688	10	163	42	594	102	1282
1:00	5	153			4	161				
1:15	8	160			6	187				
1:30	7	163			5	191				
1:45	5	167	24	642	6	163	21	702	45	1344
2:00	11	151			3	153				
2:15	6	154			8	157				
2:30	4	161			7	189				
2:45	10	163	31	628	7	169	24	667	55	1294
3:00	10	203			7	166				
3:15	10	186			5	136				
3:30	12	210			12	157				
3:45	25	203	56	800	11	144	35	602	91	1402
4:00	14	262			18	170				
4:15	27	272			17	142				
4:30	66	292			27	137				
4:45	81	287	187	1112	43	138	103	586	290	1698
5:00	48	352			69	160				
5:15	47	375			50	174				
5:30	86	303			63	143				
5:45	98	298	279	1328	70	130	251	607	530	1935
6:00	113	284			75	117				
6:15	119	234			87	119				
6:30	109	220			131	100				
6:45	111	177	451	915	152	97	444	432	894	1346
7:00	102	177			247	73				
7:15	101	169			279	80				
7:30	114	125			374	63				
7:45	139	132	455	602	457	53	1356	269	1811	871
8:00	129	114			418	61				
8:15	168	114			379	55				
8:30	153	109			356	47				
8:45	112	97	561	434	334	32	1487	193	2047	627
9:00	104	86			241	50				
9:15	101	82			230	63				
9:30	116	76			208	33				
9:45	98	71	419	314	200	25	878	171	1297	485
10:00	108	70			155	38				
10:15	102	54			145	33				
10:30	105	62			159	22				
10:45	111	57	425	243	150	20	609	112	1034	354
11:00	128	35			151	21				
11:15	125	30			130	12				
11:30	158	28			146	19				
11:45	162	26	573	117	140	10	566	61	1138	178
Totals	3518	7820			5813	4993				
Combined Totals		11338				10805				
ADT										22143
AM Peak Hour	745	AM			730	AM				
Volume	588				1628					
P.H.F.	0.877				0.891					
PM Peak Hour		500	PM			100	PM			
Volume		1328				702				
P.H.F.		0.885				0.918				
Percentage	31.0%	69.0%			53.8%	46.2%				

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City of Irvine
Alton Parkway
B/ Creek Road - East Yale Loop

File Name 013
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	124			11	159				
12:15	14	128			10	158				
12:30	5	114			14	136				
12:45	6	129	37	495	8	116	43	569	80	1064
1:00	8	126			12	135				
1:15	2	142			6	148				
1:30	4	128			10	153				
1:45	2	130	16	526	6	145	34	581	50	1107
2:00	3	115			2	161				
2:15	8	191			3	188				
2:30	3	184			6	137				
2:45	3	143	17	633	3	174	14	660	31	1293
3:00	0	142			3	184				
3:15	4	112			1	170				
3:30	1	160			7	150				
3:45	4	150	9	564	2	198	13	702	22	1266
4:00	5	177			2	172				
4:15	3	174			5	194				
4:30	12	178			4	222				
4:45	14	186	34	715	12	220	23	808	57	1523
5:00	9	206			9	214				
5:15	10	226			13	228				
5:30	18	233			20	214				
5:45	24	224	61	889	18	256	60	912	121	1801
6:00	20	200			34	247				
6:15	28	172			42	220				
6:30	37	170			40	170				
6:45	55	128	140	670	66	164	182	801	322	1471
7:00	62	134			58	120				
7:15	88	98			130	162				
7:30	108	106			142	120				
7:45	110	108	368	446	224	114	554	516	922	962
8:00	168	82			320	106				
8:15	186	102			448	92				
8:30	183	92			211	82				
8:45	128	95	665	371	177	88	1156	368	1821	739
9:00	122	68			148	72				
9:15	118	51			93	72				
9:30	104	56			115	42				
9:45	84	36	428	211	152	42	508	228	936	439
10:00	117	43			134	38				
10:15	95	31			124	45				
10:30	89	20			124	28				
10:45	85	20	386	114	128	14	510	125	896	239
11:00	108	21			140	13				
11:15	98	16			128	16				
11:30	135	14			108	18				
11:45	114	17	455	68	147	14	523	61	978	129
Totals	2616	5702			3620	6331				
Combined Totals		8318				9951				
ADT										18269
AM Peak Hour	800	AM			745	AM				
Volume	665				1203					
P.H.F.	0.894				0.671					
PM Peak Hour		500	PM			515	PM			
Volume		889				945				
P.H.F.		0.954				0.923				
Percentage	31.4%	68.6%			36.4%	63.6%				

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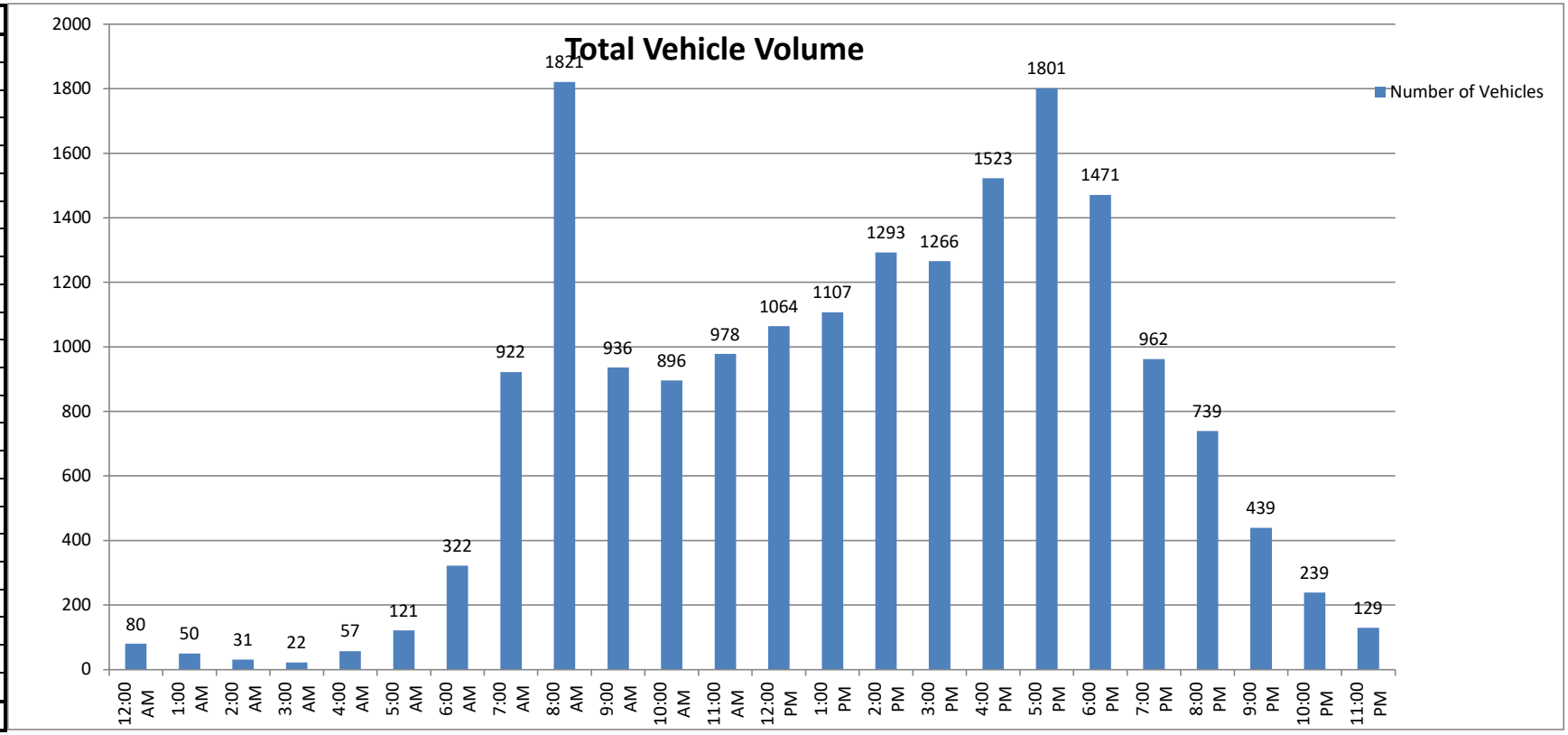
24 Hour Volume Plot

Alton Parkway
B/ Creek Road - East Yale Loop
5/8/2024

Start Time	5/8/2024
12:00 AM	80
1:00 AM	50
2:00 AM	31
3:00 AM	22
4:00 AM	57
5:00 AM	121
6:00 AM	322
7:00 AM	922
8:00 AM	1821
9:00 AM	936
10:00 AM	896
11:00 AM	978
12:00 PM	1064
1:00 PM	1107
2:00 PM	1293
3:00 PM	1266
4:00 PM	1523
5:00 PM	1801
6:00 PM	1471
7:00 PM	962
8:00 PM	739
9:00 PM	439
10:00 PM	239
11:00 PM	129
Total	18269



Volumes represent the combined totals for both directions

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Creek Road - East Yale Loop

File Name 013
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	114			15	164				
12:15	11	106			13	147				
12:30	6	130			7	117				
12:45	10	110	37	460	10	124	45	552	82	1012
1:00	4	134			8	131				
1:15	1	125			8	124				
1:30	4	124			2	126				
1:45	4	119	13	502	4	146	22	527	35	1029
2:00	2	130			6	162				
2:15	4	195			4	168				
2:30	6	164			4	160				
2:45	1	172	13	661	8	188	22	678	35	1339
3:00	2	124			8	174				
3:15	4	162			2	214				
3:30	0	162			4	188				
3:45	2	156	8	604	0	176	14	752	22	1356
4:00	3	185			5	173				
4:15	6	184			6	191				
4:30	6	186			2	213				
4:45	20	193	35	748	8	186	21	763	56	1511
5:00	7	234			12	216				
5:15	8	222			16	248				
5:30	11	233			16	244				
5:45	14	208	40	897	26	301	70	1009	110	1906
6:00	25	206			28	270				
6:15	34	134			38	256				
6:30	38	168			42	210				
6:45	55	109	152	617	66	209	174	945	326	1562
7:00	58	114			86	161				
7:15	80	103			126	160				
7:30	102	114			144	110				
7:45	110	99	350	430	224	105	580	536	930	966
8:00	143	77			308	82				
8:15	178	80			406	88				
8:30	158	74			210	60				
8:45	128	67	607	298	196	80	1120	310	1727	608
9:00	128	80			174	63				
9:15	136	60			136	58				
9:30	107	45			115	54				
9:45	98	43	469	228	138	42	563	217	1032	445
10:00	112	41			146	45				
10:15	112	25			108	30				
10:30	86	20			132	32				
10:45	93	33	403	119	108	16	494	123	897	242
11:00	96	26			111	18				
11:15	106	18			133	30				
11:30	112	18			110	18				
11:45	107	18	421	80	182	14	536	80	957	160
Totals	2548	5644			3661	6492				
Combined Totals		8192				10153				
ADT										18345
AM Peak Hour	800	AM			745	AM				
Volume	607				1148					
P.H.F.	0.853				0.707					
PM Peak Hour		500	PM			530	PM			
Volume		897				1071				
P.H.F.		0.958				0.890				
Percentage	31.1%	68.9%			36.1%	63.9%				

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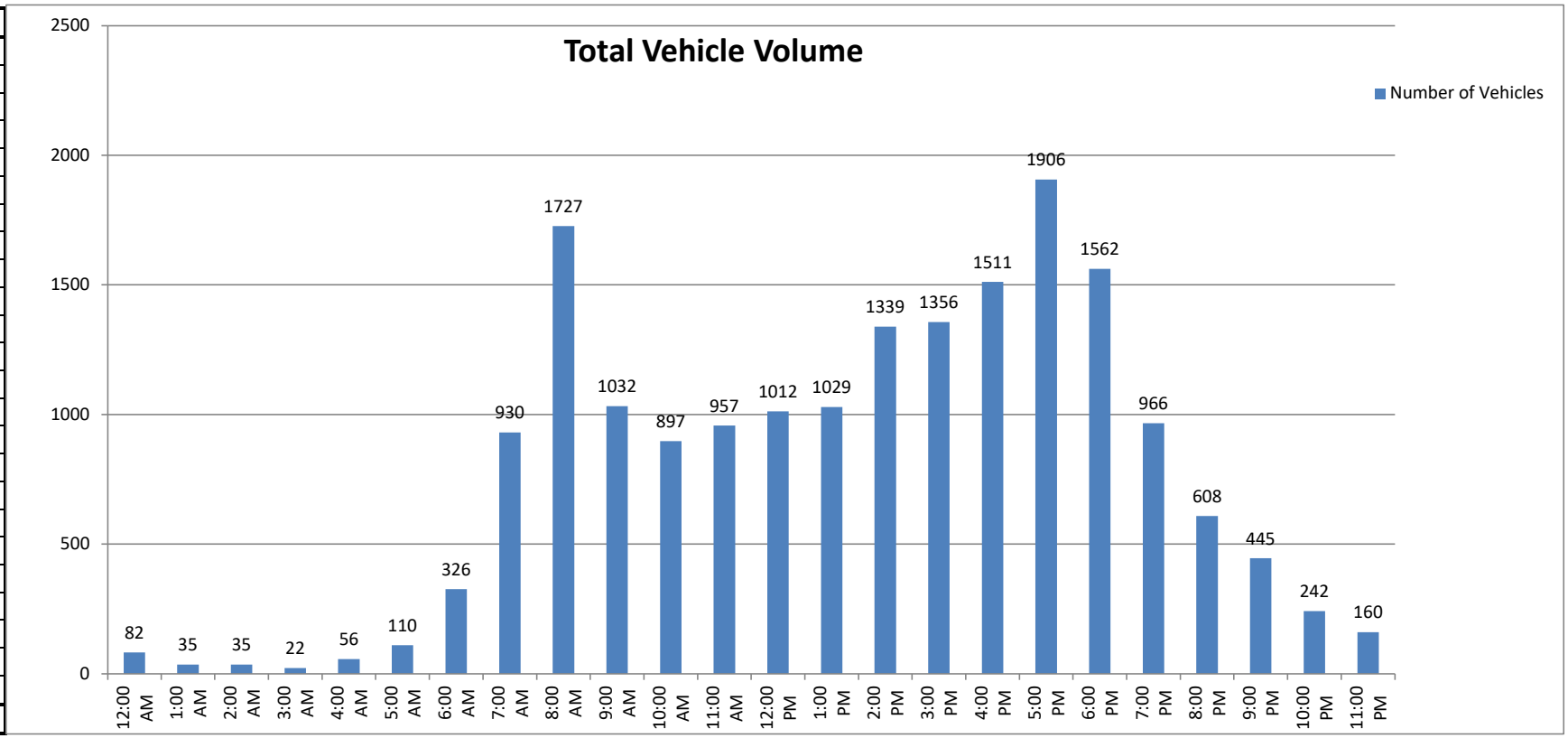
24 Hour Volume Plot

Alton Parkway
B/ Creek Road - East Yale Loop
5/9/2024

Start Time	5/9/2024
12:00 AM	82
1:00 AM	35
2:00 AM	35
3:00 AM	22
4:00 AM	56
5:00 AM	110
6:00 AM	326
7:00 AM	930
8:00 AM	1727
9:00 AM	1032
10:00 AM	897
11:00 AM	957
12:00 PM	1012
1:00 PM	1029
2:00 PM	1339
3:00 PM	1356
4:00 PM	1511
5:00 PM	1906
6:00 PM	1562
7:00 PM	966
8:00 PM	608
9:00 PM	445
10:00 PM	242
11:00 PM	160
Total	18345



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Creek Road - East Yale Loop

File Name 013
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	119			13	162				
12:15	13	117			12	153				
12:30	6	122			11	127				
12:45	8	120	37	478	9	120	44	561	81	1038
1:00	6	130			10	133				
1:15	2	134			7	136				
1:30	4	126			6	140				
1:45	3	125	15	514	5	146	28	554	43	1068
2:00	3	123			4	162				
2:15	6	193			4	178				
2:30	5	174			5	149				
2:45	2	158	15	647	6	181	18	669	33	1316
3:00	1	133			6	179				
3:15	4	137			2	192				
3:30	1	161			6	169				
3:45	3	153	9	584	1	187	14	727	22	1311
4:00	4	181			4	173				
4:15	5	179			6	193				
4:30	9	182			3	218				
4:45	17	190	35	732	10	203	22	786	57	1517
5:00	8	220			11	215				
5:15	9	224			15	238				
5:30	15	233			18	229				
5:45	19	216	51	893	22	279	65	961	116	1854
6:00	23	203			31	259				
6:15	31	153			40	238				
6:30	38	169			41	190				
6:45	55	119	146	644	66	187	178	873	324	1517
7:00	60	124			72	141				
7:15	84	101			128	161				
7:30	105	110			143	115				
7:45	110	104	359	438	224	110	567	526	926	964
8:00	156	80			314	94				
8:15	182	91			427	90				
8:30	171	83			211	71				
8:45	128	81	636	335	187	84	1138	339	1774	674
9:00	125	74			161	68				
9:15	127	56			115	65				
9:30	106	51			115	48				
9:45	91	40	449	220	145	42	536	223	984	442
10:00	115	42			140	42				
10:15	104	28			116	38				
10:30	88	20			128	30				
10:45	89	27	395	117	118	15	502	124	897	241
11:00	102	24			126	16				
11:15	102	17			131	23				
11:30	124	16			109	18				
11:45	111	18	438	74	165	14	530	71	968	145
Totals	2582	5673			3641	6412				
Combined Totals		8255				10052				
ADT										18307
AM Peak Hour	800	AM			745	AM				
Volume	636				1176					
P.H.F.	0.874				0.688					
PM Peak Hour		500	PM			530	PM			
Volume		893				1004				
P.H.F.		0.958				0.901				
Percentage	31.3%	68.7%			36.2%	63.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Culver Drive - West Yale Loop

File Name 010
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	130			8	163				
12:15	16	129			5	178				
12:30	7	128			12	168				
12:45	4	120	38	507	6	136	31	645	69	1152
1:00	9	119			9	165				
1:15	3	136			8	146				
1:30	4	124			4	162				
1:45	4	112	20	491	3	180	24	653	44	1144
2:00	6	158			3	139				
2:15	7	162			3	256				
2:30	2	106			4	188				
2:45	3	124	18	550	3	168	13	751	31	1301
3:00	1	138			2	190				
3:15	1	113			1	162				
3:30	2	144			3	195				
3:45	4	150	8	545	2	206	8	753	16	1298
4:00	5	154			0	193				
4:15	2	203			7	206				
4:30	10	174			7	253				
4:45	3	204	20	735	17	196	31	848	51	1583
5:00	3	228			14	244				
5:15	12	246			14	210				
5:30	13	241			24	236				
5:45	25	226	53	941	16	194	68	884	121	1825
6:00	18	217			29	228				
6:15	28	148			36	174				
6:30	40	146			48	188				
6:45	60	136	146	647	49	151	162	741	308	1388
7:00	56	128			42	176				
7:15	78	120			84	128				
7:30	91	98			111	139				
7:45	115	108	340	454	135	99	372	542	712	996
8:00	181	96			184	100				
8:15	221	82			236	92				
8:30	146	96			244	84				
8:45	134	96	682	370	150	91	814	367	1496	737
9:00	103	68			160	88				
9:15	106	56			118	62				
9:30	103	62			132	36				
9:45	89	51	401	237	125	33	535	219	936	456
10:00	104	27			144	30				
10:15	70	36			110	31				
10:30	94	32			136	30				
10:45	78	29	346	124	134	26	524	117	870	241
11:00	94	20			150	19				
11:15	102	17			138	12				
11:30	111	11			161	18				
11:45	127	18	434	66	147	13	596	62	1030	128
Totals	2506	5667			3178	6582				
Combined Totals		8173				9760				
ADT										17933
AM Peak Hour	800	AM			800	AM				
Volume	682				814					
P.H.F.	0.771				0.834					
PM Peak Hour		500	PM			430	PM			
Volume		941				903				
P.H.F.		0.956				0.892				
Percentage	30.7%	69.3%			32.6%	67.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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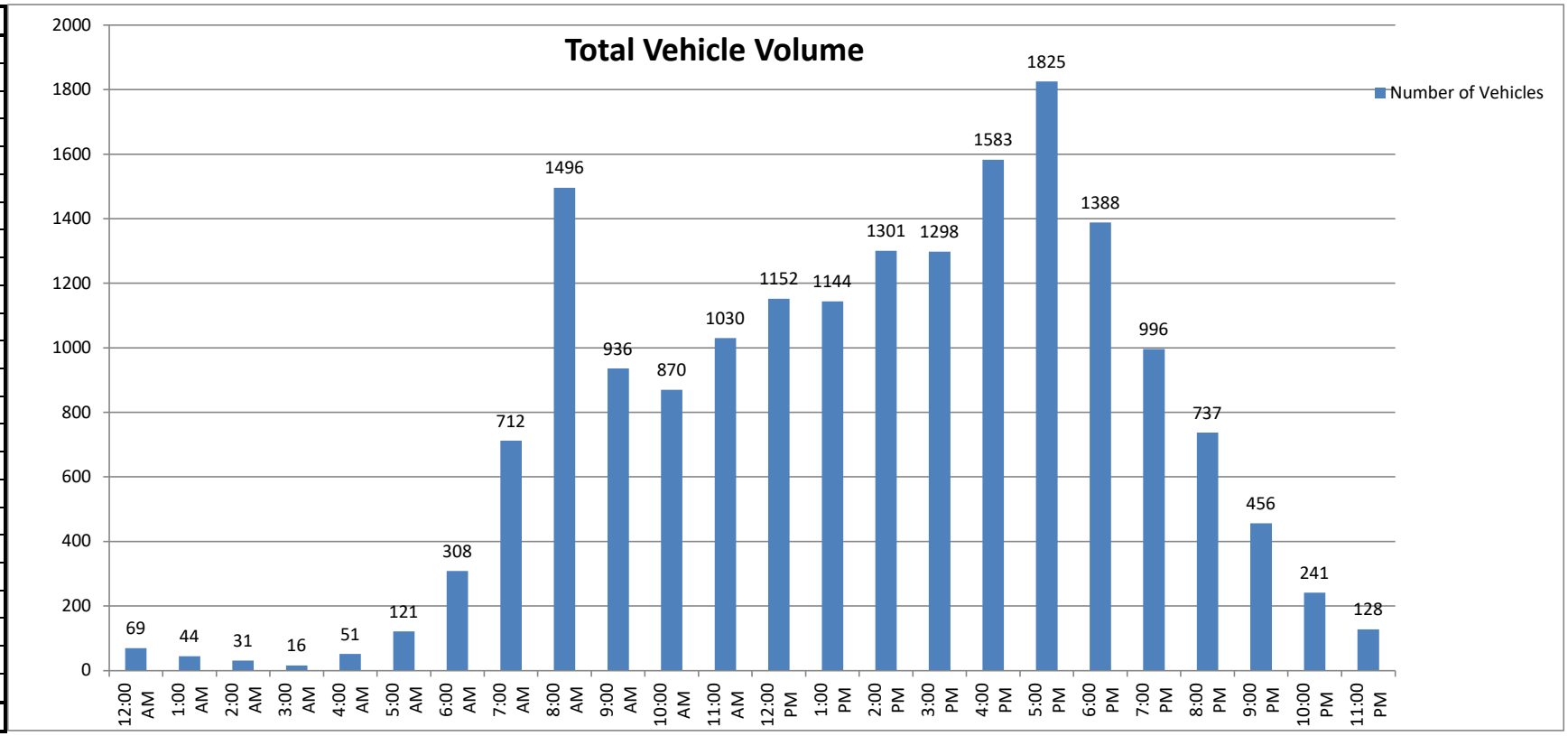
24 Hour Volume Plot

Alton Parkway
B/ Culver Drive - West Yale Loop
5/8/2024

Start Time	5/8/2024
12:00 AM	69
1:00 AM	44
2:00 AM	31
3:00 AM	16
4:00 AM	51
5:00 AM	121
6:00 AM	308
7:00 AM	712
8:00 AM	1496
9:00 AM	936
10:00 AM	870
11:00 AM	1030
12:00 PM	1152
1:00 PM	1144
2:00 PM	1301
3:00 PM	1298
4:00 PM	1583
5:00 PM	1825
6:00 PM	1388
7:00 PM	996
8:00 PM	737
9:00 PM	456
10:00 PM	241
11:00 PM	128
Total	17933



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Alton Parkway
B/ Culver Drive - West Yale Loop

File Name 010
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	142			12	152				
12:15	12	96			15	148				
12:30	10	128			7	119				
12:45	12	126	42	492	4	154	38	573	80	1065
1:00	5	120			9	139				
1:15	5	140			9	106				
1:30	4	132			3	130				
1:45	4	148	18	540	3	160	24	535	42	1075
2:00	2	131			6	157				
2:15	4	152			2	242				
2:30	4	138			2	192				
2:45	3	162	13	583	10	180	20	771	33	1354
3:00	2	136			1	180				
3:15	2	164			4	192				
3:30	0	146			2	198				
3:45	1	142	5	588	1	216	8	786	13	1374
4:00	3	162			5	210				
4:15	5	160			7	228				
4:30	5	205			9	228				
4:45	11	222	24	749	11	202	32	868	56	1617
5:00	6	228			13	249				
5:15	7	222			12	233				
5:30	14	254			15	270				
5:45	14	209	41	913	18	238	58	990	99	1903
6:00	24	188			16	260				
6:15	27	167			26	200				
6:30	30	153			47	212				
6:45	46	128	127	636	54	151	143	823	270	1459
7:00	58	129			62	196				
7:15	83	116			90	120				
7:30	102	106			97	127				
7:45	116	118	359	469	156	111	405	554	764	1023
8:00	170	80			172	103				
8:15	192	73			228	98				
8:30	118	82			212	92				
8:45	128	74	608	309	158	92	770	385	1378	694
9:00	114	61			162	77				
9:15	98	56			152	72				
9:30	112	49			116	62				
9:45	110	47	434	213	136	44	566	255	1000	468
10:00	109	35			148	33				
10:15	93	31			128	26				
10:30	82	28			126	27				
10:45	120	43	404	137	126	16	528	102	932	239
11:00	96	35			154	17				
11:15	101	17			157	17				
11:30	97	18			160	16				
11:45	108	21	402	91	165	10	636	60	1038	151
Totals	2477	5720			3228	6702				
Combined Totals		8197				9930				
ADT										18127
AM Peak Hour	800	AM			800	AM				
Volume	608				770					
P.H.F.	0.792				0.844					
PM Peak Hour		445	PM			515	PM			
Volume		926				1001				
P.H.F.		0.911				0.927				
Percentage	30.2%	69.8%			32.5%	67.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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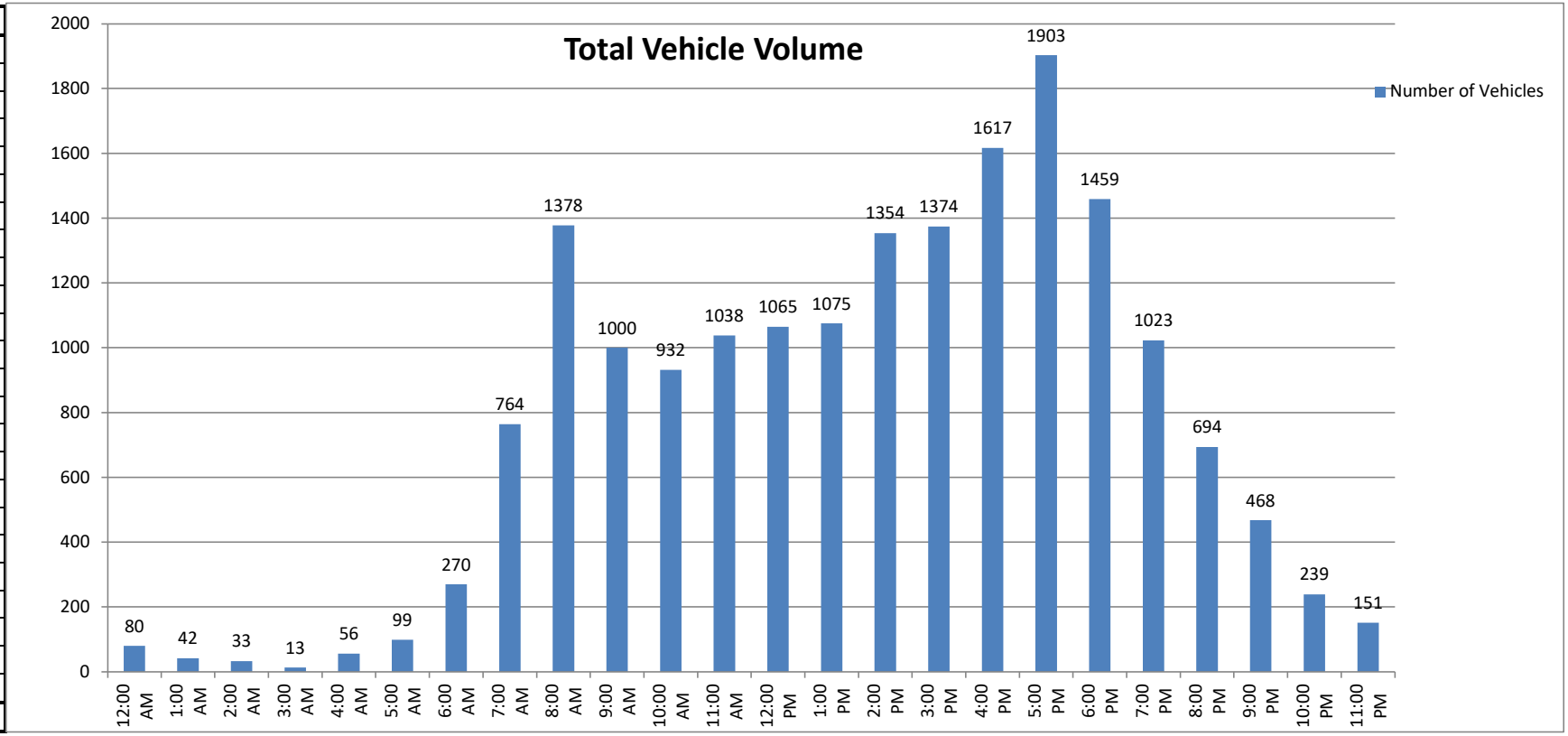
24 Hour Volume Plot

Alton Parkway
B/ Culver Drive - West Yale Loop
5/9/2024

Start Time	5/9/2024
12:00 AM	80
1:00 AM	42
2:00 AM	33
3:00 AM	13
4:00 AM	56
5:00 AM	99
6:00 AM	270
7:00 AM	764
8:00 AM	1378
9:00 AM	1000
10:00 AM	932
11:00 AM	1038
12:00 PM	1065
1:00 PM	1075
2:00 PM	1354
3:00 PM	1374
4:00 PM	1617
5:00 PM	1903
6:00 PM	1459
7:00 PM	1023
8:00 PM	694
9:00 PM	468
10:00 PM	239
11:00 PM	151
Total	18127



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Culver Drive - West Yale Loop

File Name 010
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	136			10	158				
12:15	14	113			10	163				
12:30	9	128			10	144				
12:45	8	123	40	500	5	145	35	609	75	1109
1:00	7	120			9	152				
1:15	4	138			9	126				
1:30	4	128			4	146				
1:45	4	130	19	516	3	170	24	594	43	1110
2:00	4	145			5	148				
2:15	6	157			3	249				
2:30	3	122			3	190				
2:45	3	143	16	567	7	174	17	761	32	1328
3:00	2	137			2	185				
3:15	2	139			3	177				
3:30	1	145			3	197				
3:45	3	146	7	567	2	211	8	770	15	1336
4:00	4	158			3	202				
4:15	4	182			7	217				
4:30	8	190			8	241				
4:45	7	213	22	742	14	199	32	858	54	1600
5:00	5	228			14	247				
5:15	10	234			13	222				
5:30	14	248			20	253				
5:45	20	218	47	927	17	216	63	937	110	1864
6:00	21	203			23	244				
6:15	28	158			31	187				
6:30	35	150			48	200				
6:45	53	132	137	642	52	151	153	782	289	1424
7:00	57	129			52	186				
7:15	81	118			87	124				
7:30	97	102			104	133				
7:45	116	113	350	462	146	105	389	548	738	1010
8:00	176	88			178	102				
8:15	207	78			232	95				
8:30	132	89			228	88				
8:45	131	85	645	340	154	92	792	376	1437	716
9:00	109	65			161	83				
9:15	102	56			135	67				
9:30	108	56			124	49				
9:45	100	49	418	225	131	39	551	237	968	462
10:00	107	31			146	32				
10:15	82	34			119	29				
10:30	88	30			131	29				
10:45	99	36	375	131	130	21	526	110	901	240
11:00	95	28			152	18				
11:15	102	17			148	15				
11:30	104	15			161	17				
11:45	118	20	418	79	156	12	616	61	1034	140
Totals	2492	5694			3203	6642				
Combined Totals		8185				9845				
ADT										18030
AM Peak Hour	800	AM			800	AM				
Volume	645				792					
P.H.F.	0.781				0.853					
PM Peak Hour		500	PM			500	PM			
Volume		927				937				
P.H.F.		0.936				0.926				
Percentage	30.4%	69.6%			32.5%	67.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Alton Parkway
E/ Technology East
24 Hour Directional Volume Count

IRV013
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		24	226			32	205				
12:15		25	196			18	197				
12:30		29	222			28	218				
12:45		22	202	100	846	28	154	106	774	206	1620
01:00		28	214			18	196				
01:15		28	210			22	214				
01:30		34	204			17	244				
01:45		22	205	112	833	13	211	70	865	182	1698
02:00		11	202			27	198				
02:15		10	204			14	216				
02:30		21	186			14	241				
02:45		28	168	70	760	16	175	71	830	141	1590
03:00		44	220			17	219				
03:15		58	212			22	188				
03:30		73	183			31	257				
03:45		82	218	257	833	28	218	98	882	355	1715
04:00		70	186			35	246				
04:15		99	190			24	182				
04:30		134	**244**			24	**238**				
04:45		216	**246**	519	866	24	**206**	107	872	626	1738
05:00		121	**266**			36	**255**				
05:15		144	**236**			53	**231**				
05:30		222	240			78	212				
05:45		219	242	706	984	60	196	227	894	933	1878
06:00		192	227			64	196				
06:15		213	198			75	164				
06:30		213	182			101	169				
06:45		254	144	872	751	124	130	364	659	1236	1410
07:00		206	152			143	132				
07:15		194	156			157	108				
07:30		232	140			212	105				
07:45		230	118	862	566	**241**	114	753	459	1615	1025
08:00		**292**	138			**240**	108				
08:15		**307**	126			**259**	94				
08:30		**222**	110			**230**	88				
08:45		**244**	102	1065	476	214	64	943	354	2008	830
09:00		254	105			196	44				
09:15		210	75			186	58				
09:30		214	85			161	52				
09:45		220	78	898	343	158	50	701	204	1599	547
10:00		193	91			154	62				
10:15		182	90			146	54				
10:30		159	52			164	78				
10:45		162	50	696	283	171	36	635	230	1331	513
11:00		186	55			155	84				
11:15		168	43			142	39				
11:30		215	52			182	38				
11:45		212	40	781	190	210	30	689	191	1470	381
Total		6938	7731	6938	7731	4764	7214	4764	7214	11702	14945
Combined Total		14669		14669		11978		11978		26647	
AM Peak	-	08:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1065	-	-	-	970	-	-	-	-	-
P.H.F.		0.867				0.936					
PM Peak	-	-	04:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	992	-	-	-	930	-	-	-	-
P.H.F.			0.932				0.905				
Percentage		47.3%	52.7%			39.8%	60.2%				
ADT/AADT		ADT 26,647		AADT 26,647							

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ East Yale Loop - Jeffrey Road

File Name 014
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	188			27	214				
12:15	14	194			18	212				
12:30	11	188			20	198				
12:45	12	194	58	764	18	211	83	835	141	1599
1:00	8	176			16	210				
1:15	10	212			11	232				
1:30	6	197			14	203				
1:45	2	218	26	803	7	211	48	856	74	1659
2:00	8	176			10	228				
2:15	11	222			10	244				
2:30	8	222			12	224				
2:45	10	215	37	835	10	252	42	948	79	1783
3:00	3	222			6	230				
3:15	1	220			6	222				
3:30	6	234			6	204				
3:45	5	172	15	848	6	266	24	922	39	1770
4:00	10	244			6	243				
4:15	8	240			7	246				
4:30	24	222			10	274				
4:45	28	260	70	966	12	274	35	1037	105	2003
5:00	18	270			13	295				
5:15	35	229			17	250				
5:30	39	288			20	262				
5:45	46	242	138	1029	26	285	76	1092	214	2121
6:00	48	256			54	270				
6:15	54	194			48	265				
6:30	71	202			61	211				
6:45	102	178	275	830	91	209	254	955	529	1785
7:00	114	169			106	156				
7:15	172	153			110	214				
7:30	196	138			150	195				
7:45	218	128	700	588	207	164	573	729	1273	1317
8:00	259	106			315	134				
8:15	325	128			359	143				
8:30	281	101			216	90				
8:45	233	100	1098	435	237	108	1127	475	2225	910
9:00	234	90			176	109				
9:15	210	58			160	105				
9:30	194	57			164	72				
9:45	160	48	798	253	185	77	685	363	1483	616
10:00	182	48			168	70				
10:15	181	40			180	66				
10:30	159	29			184	52				
10:45	202	28	724	145	162	32	694	220	1418	365
11:00	146	25			191	31				
11:15	157	19			182	37				
11:30	174	18			180	34				
11:45	182	26	659	88	192	24	745	126	1404	214
Totals	4598	7584			4386	8558				
Combined Totals		12182				12944				
ADT										25126
AM Peak Hour	800	AM			800	AM				
Volume	1098				1127					
P.H.F.	0.845				0.785					
PM Peak Hour		445	PM			430	PM			
Volume		1047				1093				
P.H.F.		0.909				0.926				
Percentage	37.7%	62.3%			33.9%	66.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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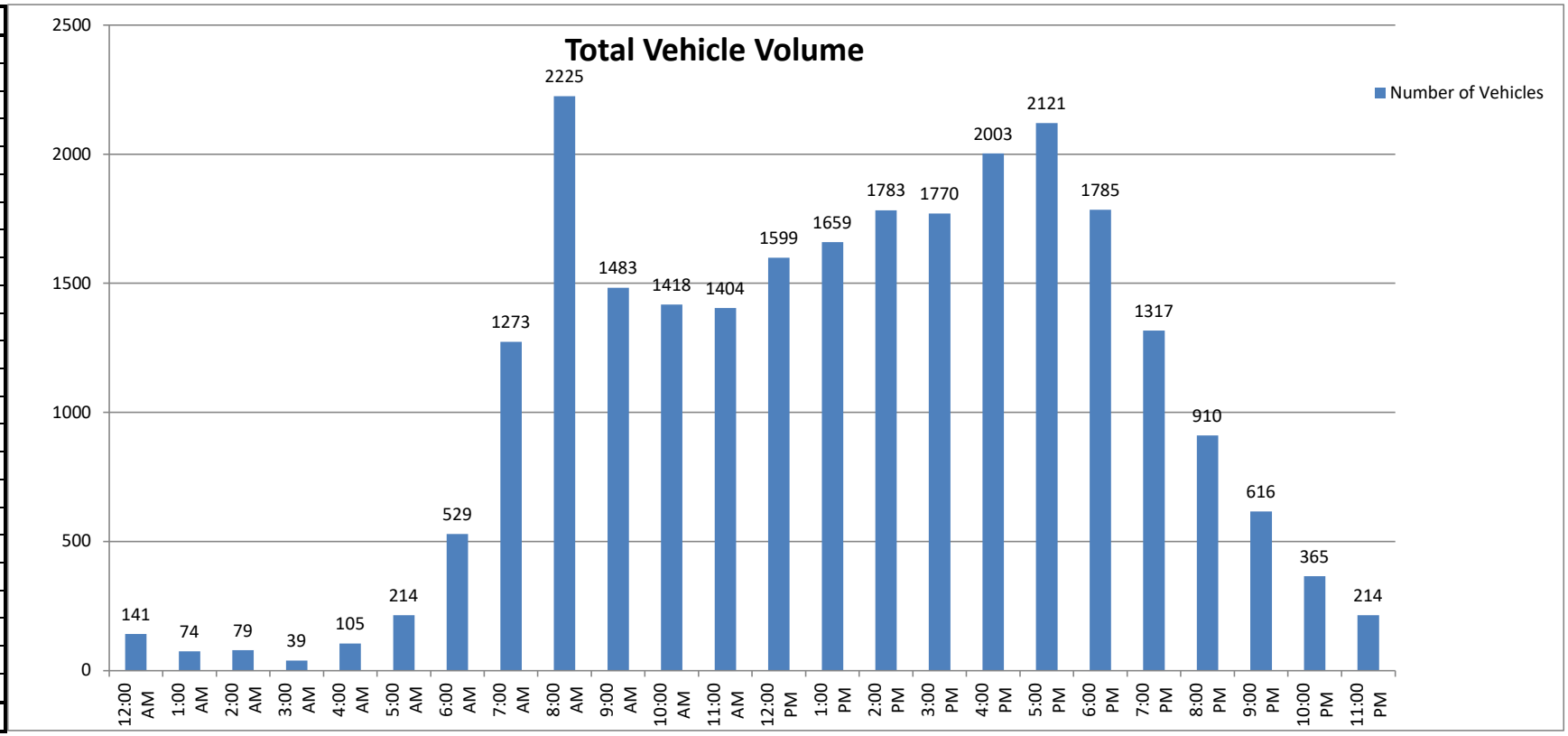
24 Hour Volume Plot

Alton Parkway

B/ East Yale Loop - Jeffrey Road

5/8/2024

Start Time	5/8/2024
12:00 AM	141
1:00 AM	74
2:00 AM	79
3:00 AM	39
4:00 AM	105
5:00 AM	214
6:00 AM	529
7:00 AM	1273
8:00 AM	2225
9:00 AM	1483
10:00 AM	1418
11:00 AM	1404
12:00 PM	1599
1:00 PM	1659
2:00 PM	1783
3:00 PM	1770
4:00 PM	2003
5:00 PM	2121
6:00 PM	1785
7:00 PM	1317
8:00 PM	910
9:00 PM	616
10:00 PM	365
11:00 PM	214
Total	25126



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ East Yale Loop - Jeffrey Road

File Name 014
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	169			26	212				
12:15	11	168			16	191				
12:30	13	194			16	175				
12:45	12	168	54	699	9	178	67	756	121	1455
1:00	6	182			16	194				
1:15	7	180			12	189				
1:30	1	184			10	185				
1:45	6	184	20	730	7	235	45	803	65	1533
2:00	5	185			5	232				
2:15	5	242			12	232				
2:30	4	238			6	220				
2:45	5	205	19	870	10	276	33	960	52	1830
3:00	4	224			7	263				
3:15	3	240			5	240				
3:30	3	244			2	270				
3:45	7	228	17	936	5	262	19	1035	36	1971
4:00	9	276			10	236				
4:15	13	236			14	257				
4:30	19	236			0	254				
4:45	33	237	74	985	10	270	34	1017	108	2002
5:00	20	308			14	287				
5:15	20	286			16	302				
5:30	39	276			11	266				
5:45	36	260	115	1130	38	312	79	1167	194	2297
6:00	45	258			35	279				
6:15	44	184			42	274				
6:30	77	222			53	250				
6:45	100	158	266	822	79	239	209	1042	475	1864
7:00	100	149			109	210				
7:15	172	132			138	201				
7:30	188	141			132	144				
7:45	238	112	698	534	202	158	581	713	1279	1247
8:00	243	120			290	143				
8:15	272	101			310	132				
8:30	286	102			230	120				
8:45	230	94	1031	417	215	89	1045	484	2076	901
9:00	210	87			172	84				
9:15	209	73			162	102				
9:30	189	51			154	84				
9:45	174	54	782	265	184	88	672	358	1454	623
10:00	164	48			174	91				
10:15	162	40			150	59				
10:30	174	23			162	50				
10:45	152	33	652	144	158	50	644	250	1296	394
11:00	158	32			176	44				
11:15	138	33			168	42				
11:30	152	24			146	36				
11:45	176	25	624	114	212	26	702	148	1326	262
Totals	4352	7646			4130	8733				
Combined Totals		11998				12863				
ADT										24861
AM Peak Hour	745	AM			800	AM				
Volume	1039				1045					
P.H.F.	0.908				0.843					
PM Peak Hour		500	PM			500	PM			
Volume		1130				1167				
P.H.F.		0.917				0.935				
Percentage	36.3%	63.7%			32.1%	67.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

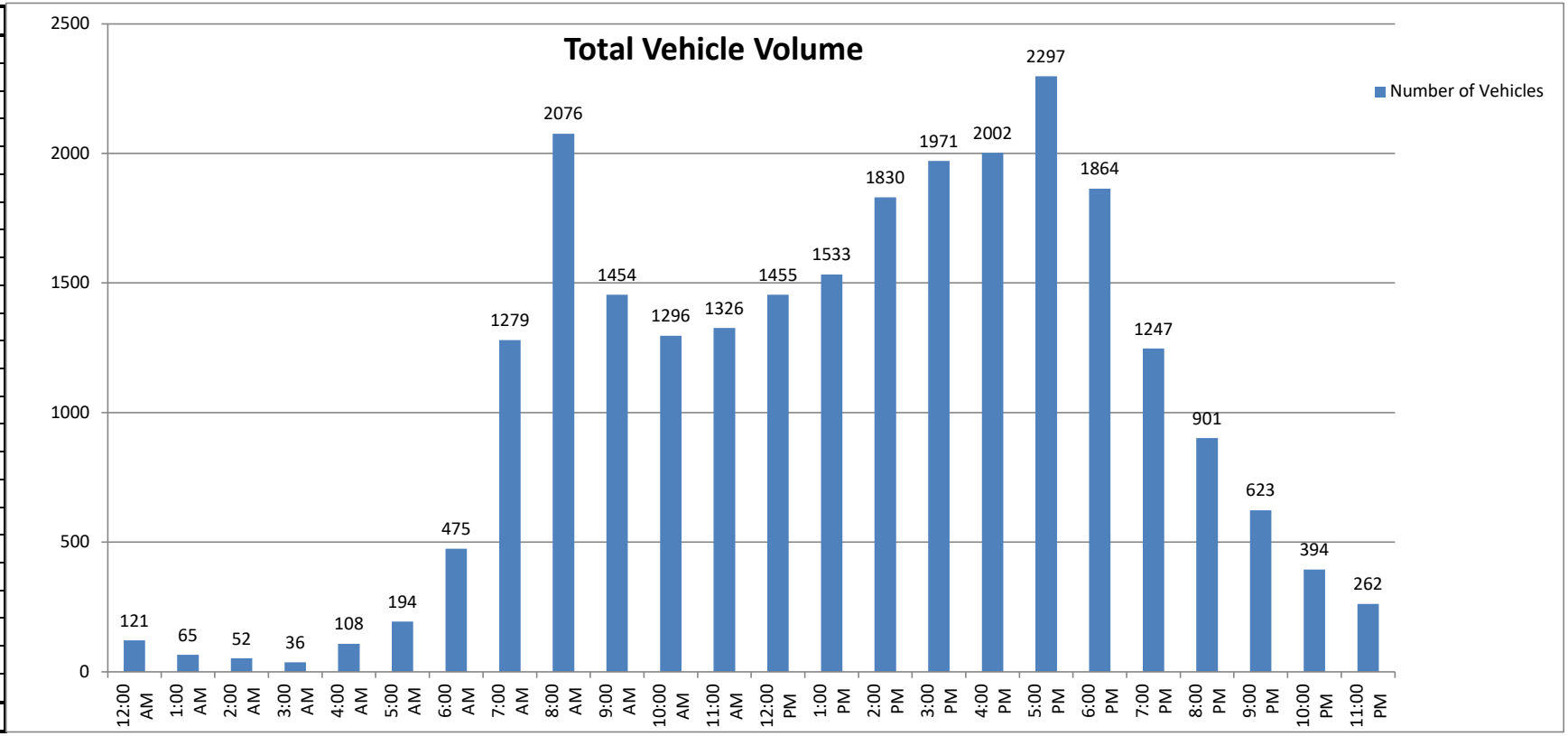
24 Hour Volume Plot

Alton Parkway

B/ East Yale Loop - Jeffrey Road

5/9/2024

Start Time	5/9/2024
12:00 AM	121
1:00 AM	65
2:00 AM	52
3:00 AM	36
4:00 AM	108
5:00 AM	194
6:00 AM	475
7:00 AM	1279
8:00 AM	2076
9:00 AM	1454
10:00 AM	1296
11:00 AM	1326
12:00 PM	1455
1:00 PM	1533
2:00 PM	1830
3:00 PM	1971
4:00 PM	2002
5:00 PM	2297
6:00 PM	1864
7:00 PM	1247
8:00 PM	901
9:00 PM	623
10:00 PM	394
11:00 PM	262
Total	24861



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ East Yale Loop - Jeffrey Road

File Name 014
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	179			27	213				
12:15	13	181			17	202				
12:30	12	191			18	187				
12:45	12	181	56	732	14	195	75	796	131	1527
1:00	7	179			16	202				
1:15	9	196			12	211				
1:30	4	191			12	194				
1:45	4	201	23	767	7	223	47	830	70	1596
2:00	7	181			8	230				
2:15	8	232			11	238				
2:30	6	230			9	222				
2:45	8	210	28	853	10	264	38	954	66	1807
3:00	4	223			7	247				
3:15	2	230			6	231				
3:30	5	239			4	237				
3:45	6	200	16	892	6	264	22	979	38	1871
4:00	10	260			8	240				
4:15	11	238			11	252				
4:30	22	229			5	264				
4:45	31	249	72	976	11	272	35	1027	107	2003
5:00	19	289			14	291				
5:15	28	258			17	276				
5:30	39	282			16	264				
5:45	41	251	127	1080	32	299	78	1130	204	2209
6:00	47	257			45	275				
6:15	49	189			45	270				
6:30	74	212			57	231				
6:45	101	168	271	826	85	224	232	999	502	1825
7:00	107	159			108	183				
7:15	172	143			124	208				
7:30	192	140			141	170				
7:45	228	120	699	561	205	161	577	721	1276	1282
8:00	251	113			303	139				
8:15	299	115			335	138				
8:30	284	102			223	105				
8:45	232	97	1065	426	226	99	1086	480	2151	906
9:00	222	89			174	97				
9:15	210	66			161	104				
9:30	192	54			159	78				
9:45	167	51	790	259	185	83	679	361	1469	620
10:00	173	48			171	81				
10:15	172	40			165	63				
10:30	167	26			173	51				
10:45	177	31	688	145	160	41	669	235	1357	380
11:00	152	29			184	38				
11:15	148	26			175	40				
11:30	163	21			163	35				
11:45	179	26	642	101	202	25	724	137	1365	238
Totals	4475	7615			4258	8646				
Combined Totals		12090				12904				
ADT										24994
AM Peak Hour	800	AM			800	AM				
Volume	1065				1086					
P.H.F.	0.892				0.812					
PM Peak Hour		500	PM			500	PM			
Volume		1080				1130				
P.H.F.		0.934				0.946				
Percentage	37.0%	63.0%			33.0%	67.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Enterprise - Interstate 5 Northbound

File Name 028
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	58	333			12	240				
12:15	61	349			10	228				
12:30	50	387			11	230				
12:45	34	334	203	1403	16	204	49	902	252	2305
1:00	31	390			5	238				
1:15	25	380			2	179				
1:30	31	391			12	169				
1:45	26	370	113	1531	0	197	19	783	132	2314
2:00	22	339			2	212				
2:15	28	388			1	190				
2:30	51	344			2	256				
2:45	46	336	147	1407	6	206	11	864	158	2271
3:00	38	324			4	219				
3:15	46	314			1	202				
3:30	72	310			6	219				
3:45	107	356	263	1304	5	204	16	844	279	2148
4:00	49	345			6	255				
4:15	88	366			8	258				
4:30	194	379			15	268				
4:45	299	368	630	1458	22	263	51	1044	681	2502
5:00	182	391			18	281				
5:15	239	425			19	260				
5:30	288	350			22	284				
5:45	385	423	1094	1589	35	225	94	1050	1188	2639
6:00	265	373			38	248				
6:15	274	360			57	209				
6:30	302	325			84	178				
6:45	365	345	1206	1403	104	181	283	816	1489	2219
7:00	344	274			83	154				
7:15	371	298			139	124				
7:30	426	251			153	119				
7:45	504	258	1645	1081	235	96	610	493	2255	1574
8:00	487	260			257	75				
8:15	459	218			280	85				
8:30	504	248			247	86				
8:45	431	227	1881	953	274	51	1058	297	2939	1250
9:00	405	237			213	72				
9:15	381	221			185	68				
9:30	357	218			176	47				
9:45	365	173	1508	849	165	39	739	226	2247	1075
10:00	315	221			141	43				
10:15	297	195			159	26				
10:30	280	176			130	31				
10:45	288	136	1180	728	176	25	606	125	1786	853
11:00	279	112			156	22				
11:15	306	77			200	20				
11:30	322	85			205	40				
11:45	326	63	1233	337	228	19	789	101	2022	438
Totals	11103	14043			4325	7545				
Combined Totals		25146				11870				
ADT										37016
AM Peak Hour	745	AM			800	AM				
Volume	1954				1058					
P.H.F.	0.969				0.945					
PM Peak Hour		500	PM			445	PM			
Volume		1589				1088				
P.H.F.		0.935				0.958				
Percentage	44.2%	55.8%			36.4%	63.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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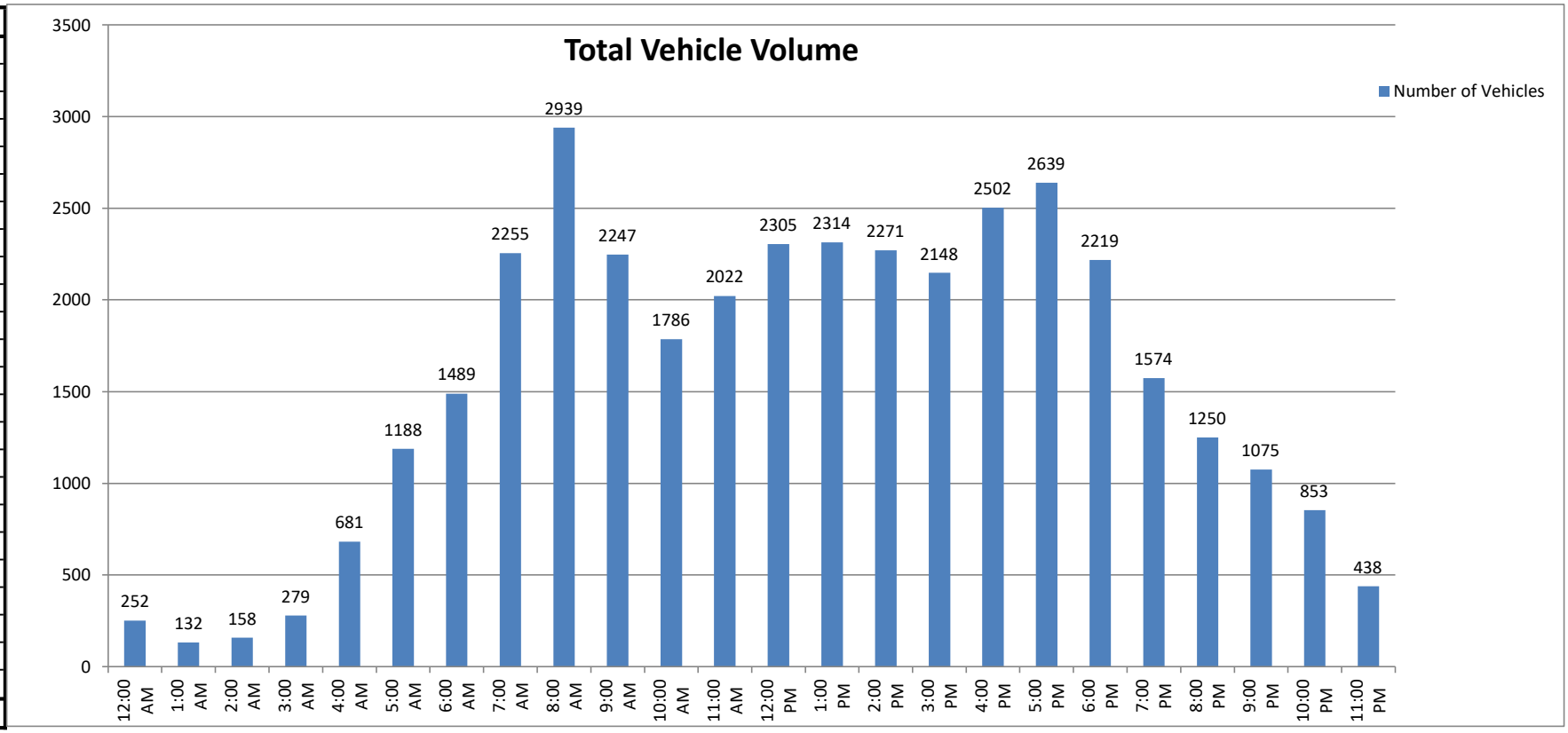
24 Hour Volume Plot

Alton Parkway

B/ Enterprise - Interstate 5 Northbound

1/24/2024

Start Time	1/24/2024
12:00 AM	252
1:00 AM	132
2:00 AM	158
3:00 AM	279
4:00 AM	681
5:00 AM	1188
6:00 AM	1489
7:00 AM	2255
8:00 AM	2939
9:00 AM	2247
10:00 AM	1786
11:00 AM	2022
12:00 PM	2305
1:00 PM	2314
2:00 PM	2271
3:00 PM	2148
4:00 PM	2502
5:00 PM	2639
6:00 PM	2219
7:00 PM	1574
8:00 PM	1250
9:00 PM	1075
10:00 PM	853
11:00 PM	438
Total	37016



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Enterprise - Interstate 5 Northbound

File Name 028
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	60	316			16	233				
12:15	70	365			15	231				
12:30	41	345			9	232				
12:45	56	362	227	1388	9	238	49	934	276	2322
1:00	35	412			7	235				
1:15	31	414			8	182				
1:30	41	351			7	192				
1:45	25	377	132	1554	8	194	30	803	162	2357
2:00	33	375			8	220				
2:15	36	364			3	186				
2:30	55	346			5	258				
2:45	56	389	180	1474	2	225	18	889	198	2363
3:00	47	338			1	253				
3:15	47	344			6	184				
3:30	76	297			4	216				
3:45	115	355	285	1334	7	226	18	879	303	2213
4:00	62	329			8	244				
4:15	89	331			11	273				
4:30	192	395			14	252				
4:45	281	361	624	1416	27	237	60	1006	684	2422
5:00	183	374			15	271				
5:15	227	397			18	273				
5:30	299	383			29	261				
5:45	363	363	1072	1517	38	228	100	1033	1172	2550
6:00	334	366			37	233				
6:15	265	373			53	192				
6:30	305	314			68	164				
6:45	365	323	1269	1376	86	166	244	755	1513	2131
7:00	347	308			110	161				
7:15	358	303			141	130				
7:30	394	279			166	102				
7:45	432	259	1531	1149	204	108	621	501	2152	1650
8:00	464	249			256	89				
8:15	477	243			251	97				
8:30	466	276			282	80				
8:45	435	255	1842	1023	275	79	1064	345	2906	1368
9:00	433	256			226	51				
9:15	381	227			203	50				
9:30	316	235			160	49				
9:45	343	237	1473	955	166	39	755	189	2228	1144
10:00	389	188			153	39				
10:15	276	192			129	40				
10:30	267	157			164	26				
10:45	289	130	1221	667	146	19	592	124	1813	791
11:00	282	97			203	23				
11:15	273	66			192	13				
11:30	312	96			198	26				
11:45	294	71	1161	330	210	16	803	78	1964	408
Totals	11017	14183			4354	7536				
Combined Totals		25200				11890				
ADT										37090
AM Peak Hour	800	AM			800	AM				
Volume	1842				1064					
P.H.F.	0.965				0.943					
PM Peak Hour		100	PM			445	PM			
Volume		1554				1042				
P.H.F.		0.938				0.954				
Percentage	43.7%	56.3%			36.6%	63.4%				

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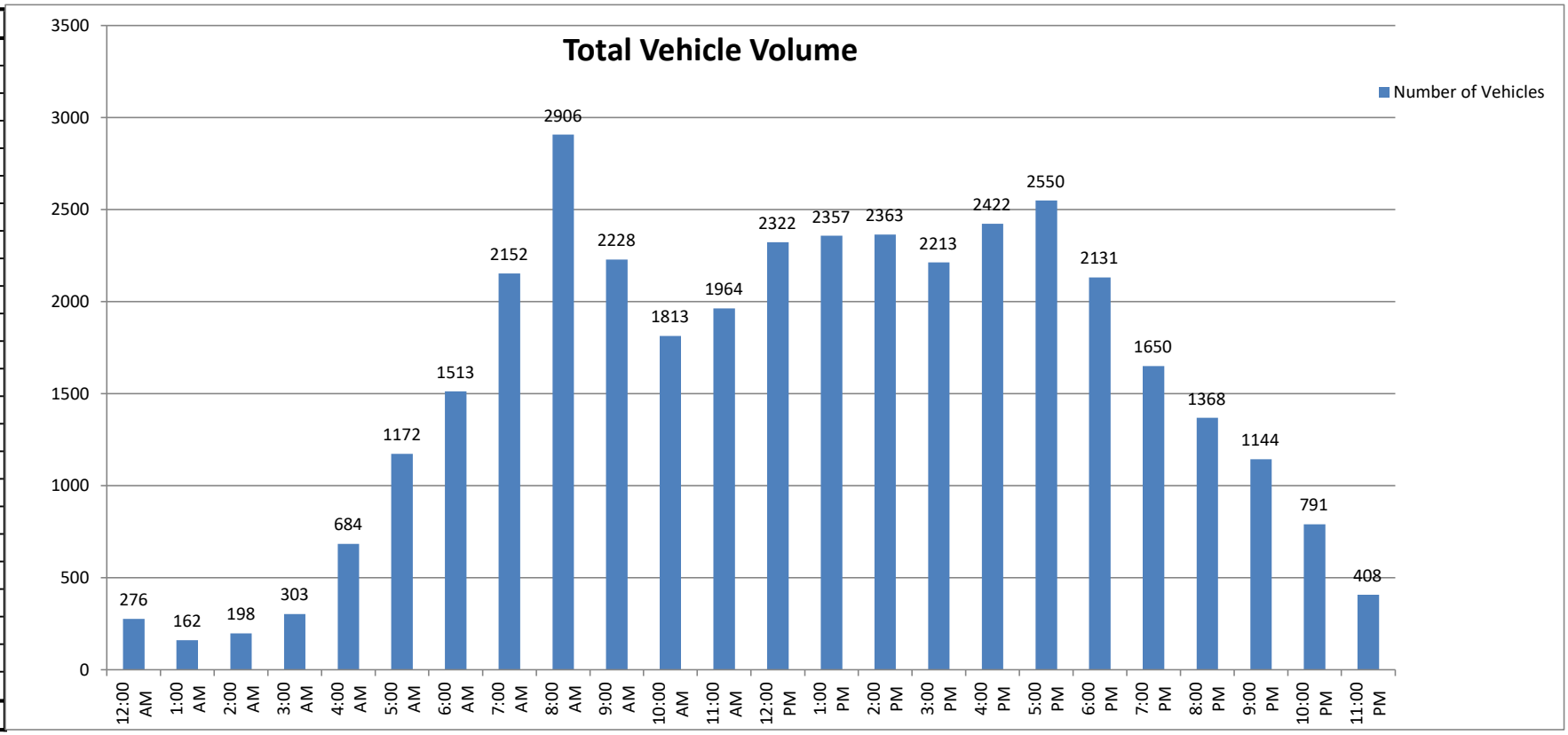
24 Hour Volume Plot

Alton Parkway

B/ Enterprise - Interstate 5 Northbound

1/25/2024

Start Time	1/25/2024
12:00 AM	276
1:00 AM	162
2:00 AM	198
3:00 AM	303
4:00 AM	684
5:00 AM	1172
6:00 AM	1513
7:00 AM	2152
8:00 AM	2906
9:00 AM	2228
10:00 AM	1813
11:00 AM	1964
12:00 PM	2322
1:00 PM	2357
2:00 PM	2363
3:00 PM	2213
4:00 PM	2422
5:00 PM	2550
6:00 PM	2131
7:00 PM	1650
8:00 PM	1368
9:00 PM	1144
10:00 PM	791
11:00 PM	408
Total	37090



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Enterprise - Interstate 5 Northbound

File Name 028
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	59	325			14	237				
12:15	66	357			13	230				
12:30	46	366			10	231				
12:45	45	348	215	1396	13	221	49	918	264	2314
1:00	33	401			6	237				
1:15	28	397			5	181				
1:30	36	371			10	181				
1:45	26	374	123	1543	4	196	25	793	147	2336
2:00	28	357			5	216				
2:15	32	376			2	188				
2:30	53	345			4	257				
2:45	51	363	164	1441	4	216	15	877	178	2317
3:00	43	331			3	236				
3:15	47	329			4	193				
3:30	74	304			5	218				
3:45	111	356	274	1319	6	215	17	862	291	2181
4:00	56	337			7	250				
4:15	89	349			10	266				
4:30	193	387			15	260				
4:45	290	365	627	1437	25	250	56	1025	683	2462
5:00	183	383			17	276				
5:15	233	411			19	267				
5:30	294	367			26	273				
5:45	374	393	1083	1553	37	227	97	1042	1180	2595
6:00	300	370			38	241				
6:15	270	367			55	201				
6:30	304	320			76	171				
6:45	365	334	1238	1390	95	174	264	786	1501	2175
7:00	346	291			97	158				
7:15	365	301			140	127				
7:30	410	265			160	111				
7:45	468	259	1588	1115	220	102	616	497	2204	1612
8:00	476	255			257	82				
8:15	468	231			266	91				
8:30	485	262			265	83				
8:45	433	241	1862	988	275	65	1061	321	2923	1309
9:00	419	247			220	62				
9:15	381	224			194	59				
9:30	337	227			168	48				
9:45	354	205	1491	902	166	39	747	208	2238	1110
10:00	352	205			147	41				
10:15	287	194			144	33				
10:30	274	167			147	29				
10:45	289	133	1201	698	161	22	599	125	1800	822
11:00	281	105			180	23				
11:15	290	72			196	17				
11:30	317	91			202	33				
11:45	310	67	1197	334	219	18	796	90	1993	423
Totals	11060	14113			4340	7541				
Combined Totals		25173				11880				
ADT										37053
AM Peak Hour	745	AM			800	AM				
Volume	1897				1061					
P.H.F.	0.978				0.966					
PM Peak Hour		500	PM			445	PM			
Volume		1553				1065				
P.H.F.		0.945				0.965				
Percentage	43.9%	56.1%			36.5%	63.5%				

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City of Irvine
Alton Parkway
B/ Fairbanks - Foster

File Name 039
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	176			9	127				
12:15	16	160			8	140				
12:30	8	145			12	161				
12:45	11	159	55	640	7	164	36	592	91	1232
1:00	8	153			2	167				
1:15	8	145			4	175				
1:30	4	157			6	187				
1:45	3	168	23	623	7	166	19	695	42	1318
2:00	9	139			3	151				
2:15	5	152			5	145				
2:30	4	166			7	187				
2:45	6	156	24	613	9	160	24	643	48	1256
3:00	10	205			14	150				
3:15	7	192			7	115				
3:30	12	190			13	158				
3:45	20	197	49	784	8	129	42	552	91	1336
4:00	8	293			16	169				
4:15	20	253			20	130				
4:30	60	315			24	134				
4:45	74	269	162	1130	41	120	101	553	263	1683
5:00	46	391			70	153				
5:15	37	340			48	154				
5:30	60	323			72	131				
5:45	84	294	227	1348	86	119	276	557	503	1905
6:00	106	305			79	122				
6:15	94	216			86	96				
6:30	107	221			127	104				
6:45	89	167	396	909	176	91	468	413	864	1322
7:00	89	171			221	73				
7:15	89	186			266	66				
7:30	125	109			340	72				
7:45	105	132	408	598	422	50	1249	261	1657	859
8:00	141	125			376	45				
8:15	122	132			334	47				
8:30	144	105			335	44				
8:45	101	94	508	456	355	36	1400	172	1908	628
9:00	81	103			245	40				
9:15	91	82			219	76				
9:30	95	73			216	29				
9:45	92	59	359	317	190	21	870	166	1229	483
10:00	98	74			141	31				
10:15	90	49			149	33				
10:30	85	60			157	24				
10:45	117	55	390	238	158	21	605	109	995	347
11:00	110	48			147	18				
11:15	108	27			146	12				
11:30	165	22			128	15				
11:45	166	25	549	122	145	12	566	57	1115	179
Totals	3150	7778			5656	4770				
Combined Totals		10928				10426				
ADT										21354
AM Peak Hour	1100	AM			730	AM				
Volume	549				1472					
P.H.F.	0.827				0.872					
PM Peak Hour		500	PM			100	PM			
Volume		1348				695				
P.H.F.		0.862				0.929				
Percentage	28.8%	71.2%			54.2%	45.8%				

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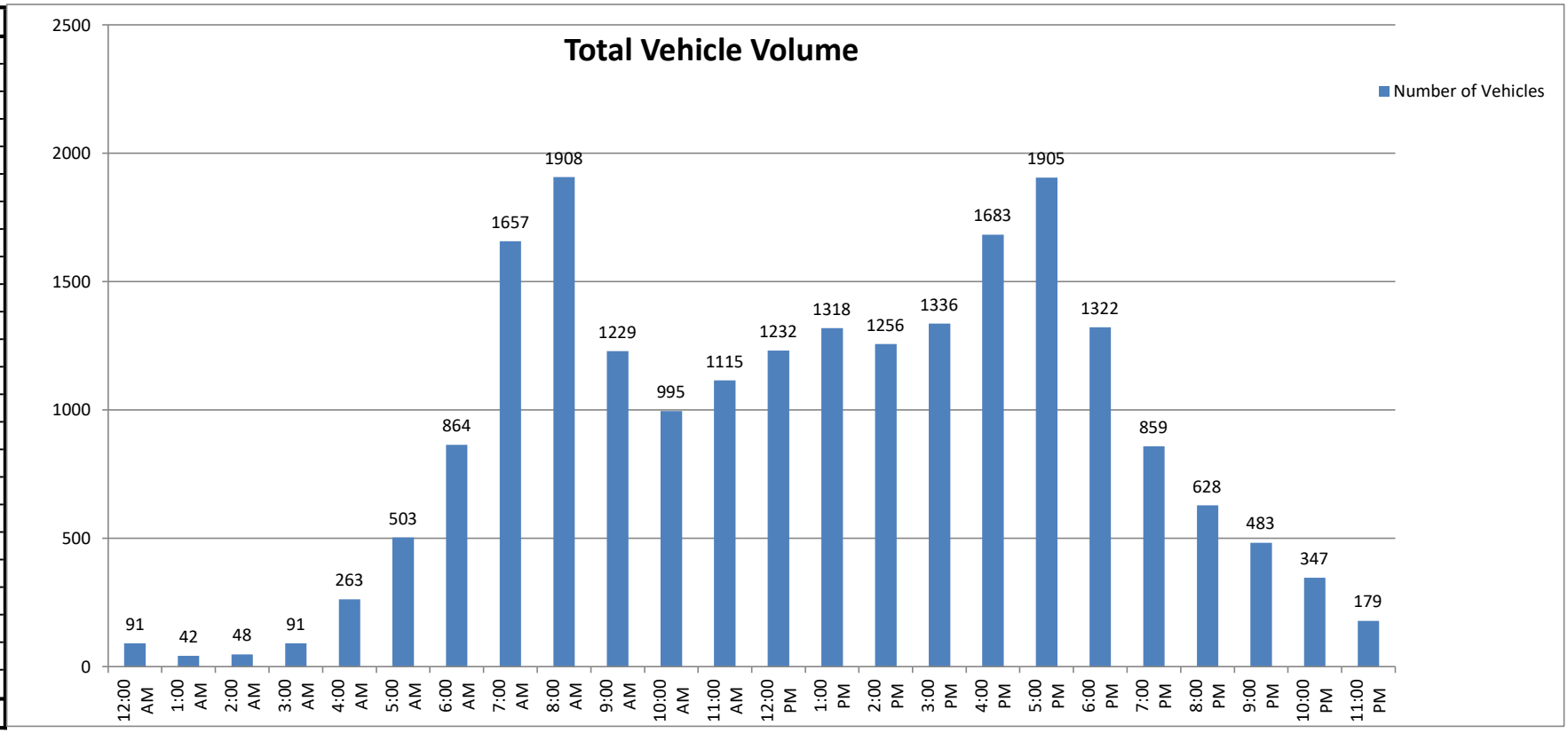
24 Hour Volume Plot

Alton Parkway
B/ Fairbanks - Foster

1/24/2024

Start Time	1/24/2024
12:00 AM	91
1:00 AM	42
2:00 AM	48
3:00 AM	91
4:00 AM	263
5:00 AM	503
6:00 AM	864
7:00 AM	1657
8:00 AM	1908
9:00 AM	1229
10:00 AM	995
11:00 AM	1115
12:00 PM	1232
1:00 PM	1318
2:00 PM	1256
3:00 PM	1336
4:00 PM	1683
5:00 PM	1905
6:00 PM	1322
7:00 PM	859
8:00 PM	628
9:00 PM	483
10:00 PM	347
11:00 PM	179
Total	21354



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Fairbanks - Foster

File Name 039
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	179			15	139				
12:15	24	183			10	138				
12:30	11	150			10	140				
12:45	16	154	62	666	10	189	45	606	107	1272
1:00	6	137			5	137				
1:15	2	173			2	188				
1:30	9	170			9	189				
1:45	6	128	23	608	8	162	24	676	47	1284
2:00	12	139			3	158				
2:15	4	158			7	148				
2:30	7	194			10	170				
2:45	7	175	30	666	11	183	31	659	61	1325
3:00	6	189			10	159				
3:15	12	159			6	138				
3:30	9	230			10	147				
3:45	21	221	48	799	15	147	41	591	89	1390
4:00	16	259			15	170				
4:15	18	247			21	135				
4:30	59	298			28	137				
4:45	62	254	155	1058	41	127	105	569	260	1627
5:00	32	359			65	168				
5:15	33	333			53	156				
5:30	79	302			80	147				
5:45	82	264	226	1258	82	114	280	585	506	1843
6:00	83	265			78	103				
6:15	127	214			94	120				
6:30	99	202			150	95				
6:45	117	189	426	870	176	87	498	405	924	1275
7:00	77	179			300	71				
7:15	83	142			296	86				
7:30	120	131			437	51				
7:45	115	120	395	572	499	59	1532	267	1927	839
8:00	124	120			474	69				
8:15	157	108			399	51				
8:30	125	111			374	44				
8:45	84	101	490	440	340	24	1587	188	2077	628
9:00	98	65			249	44				
9:15	83	87			233	45				
9:30	105	75			202	36				
9:45	96	80	382	307	208	30	892	155	1274	462
10:00	98	62			166	41				
10:15	101	59			147	30				
10:30	96	68			154	20				
10:45	109	53	404	242	147	16	614	107	1018	349
11:00	122	25			144	26				
11:15	118	33			146	12				
11:30	158	27			147	20				
11:45	164	28	562	113	140	8	577	66	1139	179
Totals	3203	7599			6226	4874				
Combined Totals		10802				11100				
ADT										21902
AM Peak Hour	1100	AM			730	AM				
Volume	562				1809					
P.H.F.	0.857				0.906					
PM Peak Hour		500	PM			2445	PM			
Volume		1258				703				
P.H.F.		0.876				0.930				
Percentage	29.7%	70.3%			56.1%	43.9%				

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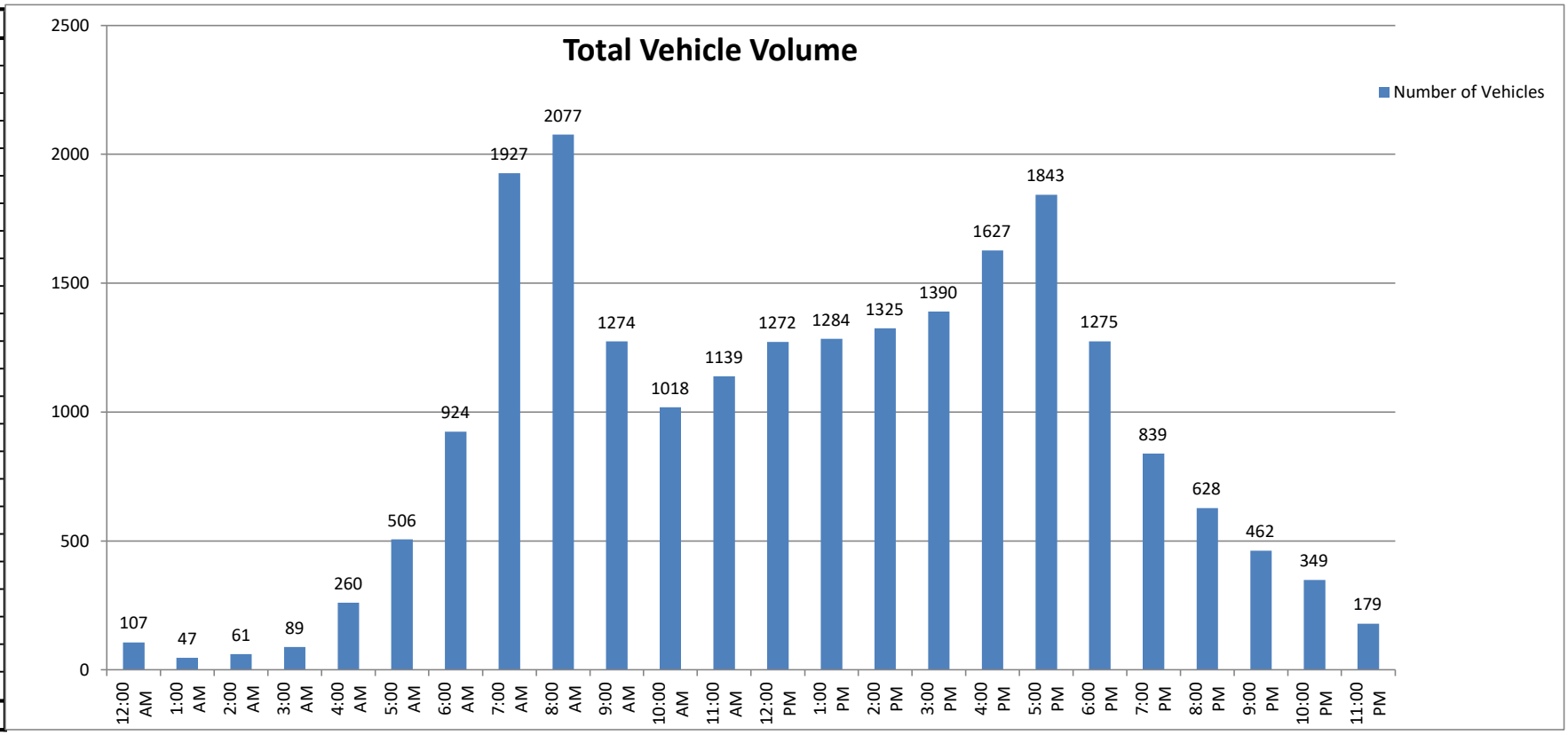
24 Hour Volume Plot

Alton Parkway
B/ Fairbanks - Foster

1/25/2024

Start Time	1/25/2024
12:00 AM	107
1:00 AM	47
2:00 AM	61
3:00 AM	89
4:00 AM	260
5:00 AM	506
6:00 AM	924
7:00 AM	1927
8:00 AM	2077
9:00 AM	1274
10:00 AM	1018
11:00 AM	1139
12:00 PM	1272
1:00 PM	1284
2:00 PM	1325
3:00 PM	1390
4:00 PM	1627
5:00 PM	1843
6:00 PM	1275
7:00 PM	839
8:00 PM	628
9:00 PM	462
10:00 PM	349
11:00 PM	179
Total	21902



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Fairbanks - Foster

File Name 039
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	178			12	133				
12:15	20	172			9	139				
12:30	10	148			11	151				
12:45	14	157	59	653	9	177	41	599	99	1252
1:00	7	145			4	152				
1:15	5	159			3	182				
1:30	7	164			8	188				
1:45	5	148	23	616	8	164	22	686	45	1301
2:00	11	139			3	155				
2:15	5	155			6	147				
2:30	6	180			9	179				
2:45	7	166	27	640	10	172	28	651	55	1291
3:00	8	197			12	155				
3:15	10	176			7	127				
3:30	11	210			12	153				
3:45	21	209	49	792	12	138	42	572	90	1363
4:00	12	276			16	170				
4:15	19	250			21	133				
4:30	60	307			26	136				
4:45	68	262	159	1094	41	124	103	561	262	1655
5:00	39	375			68	161				
5:15	35	337			51	155				
5:30	70	313			76	139				
5:45	83	279	227	1303	84	117	278	571	505	1874
6:00	95	285			79	113				
6:15	111	215			90	108				
6:30	103	212			139	100				
6:45	103	178	411	890	176	89	483	409	894	1299
7:00	83	175			261	72				
7:15	86	164			281	76				
7:30	123	120			389	62				
7:45	110	126	402	585	461	55	1391	264	1792	849
8:00	133	123			425	57				
8:15	140	120			367	49				
8:30	135	108			355	44				
8:45	93	98	499	448	348	30	1494	180	1993	628
9:00	90	84			247	42				
9:15	87	85			226	61				
9:30	100	74			209	33				
9:45	94	70	371	312	199	26	881	161	1252	473
10:00	98	68			154	36				
10:15	96	54			148	32				
10:30	91	64			156	22				
10:45	113	54	397	240	153	19	610	108	1007	348
11:00	116	37			146	22				
11:15	113	30			146	12				
11:30	162	25			138	18				
11:45	165	27	556	118	143	10	572	62	1127	179
Totals	3177	7689			5941	4822				
Combined Totals		10865				10763				
ADT										21628
AM Peak Hour	1100	AM			730	AM				
Volume	556				1641					
P.H.F.	0.842				0.891					
PM Peak Hour		500	PM			2445	PM			
Volume		1303				698				
P.H.F.		0.869				0.928				
Percentage	29.2%	70.8%			55.2%	44.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Foster - Irvine Boulevard

File Name 040
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	192			9	119				
12:15	15	167			8	138				
12:30	9	144			12	166				
12:45	11	144	55	647	7	156	36	579	91	1226
1:00	5	138			2	161				
1:15	10	147			4	173				
1:30	4	156			6	173				
1:45	3	172	22	613	6	165	18	672	40	1285
2:00	9	146			3	142				
2:15	5	149			6	136				
2:30	3	175			5	177				
2:45	7	156	24	626	9	161	23	616	47	1242
3:00	11	202			13	148				
3:15	7	198			8	108				
3:30	13	183			15	147				
3:45	20	207	51	790	7	125	43	528	94	1318
4:00	6	274			16	150				
4:15	21	283			19	109				
4:30	59	309			26	126				
4:45	60	286	146	1152	41	113	102	498	248	1650
5:00	40	391			71	150				
5:15	34	381			49	139				
5:30	58	310			77	123				
5:45	82	340	214	1422	87	114	284	526	498	1948
6:00	97	302			77	125				
6:15	91	241			88	91				
6:30	92	223			127	97				
6:45	102	172	382	938	176	88	468	401	850	1339
7:00	77	168			231	72				
7:15	80	193			260	67				
7:30	102	120			344	67				
7:45	107	136	366	617	427	48	1262	254	1628	871
8:00	122	128			376	43				
8:15	112	123			342	44				
8:30	134	110			341	43				
8:45	96	87	464	448	353	36	1412	166	1876	614
9:00	78	102			250	40				
9:15	84	86			221	73				
9:30	95	81			210	28				
9:45	80	59	337	328	189	21	870	162	1207	490
10:00	93	73			155	28				
10:15	93	49			143	32				
10:30	86	60			159	23				
10:45	115	57	387	239	151	21	608	104	995	343
11:00	115	45			136	19				
11:15	98	29			146	12				
11:30	159	23			112	15				
11:45	161	23	533	120	147	12	541	58	1074	178
Totals	2981	7940			5667	4564				
Combined Totals		10921				10231				
ADT										21152
AM Peak Hour	1100	AM			730	AM				
Volume	533				1489					
P.H.F.	0.828				0.872					
PM Peak Hour		500	PM			100	PM			
Volume		1422				672				
P.H.F.		0.909				0.971				
Percentage	27.3%	72.7%			55.4%	44.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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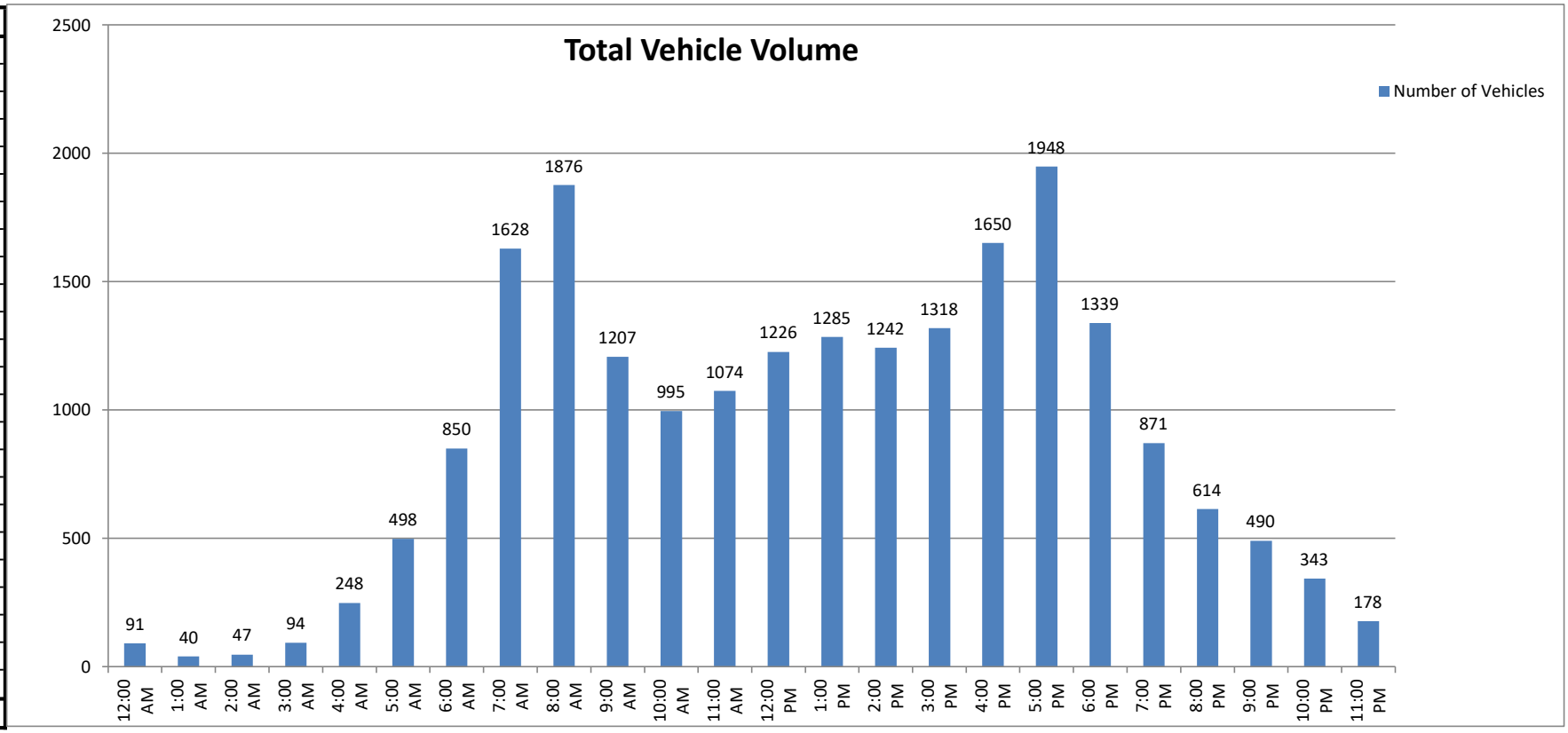
24 Hour Volume Plot

Alton Parkway
B/ Foster - Irvine Boulevard

1/24/2024

Start Time	1/24/2024
12:00 AM	91
1:00 AM	40
2:00 AM	47
3:00 AM	94
4:00 AM	248
5:00 AM	498
6:00 AM	850
7:00 AM	1628
8:00 AM	1876
9:00 AM	1207
10:00 AM	995
11:00 AM	1074
12:00 PM	1226
1:00 PM	1285
2:00 PM	1242
3:00 PM	1318
4:00 PM	1650
5:00 PM	1948
6:00 PM	1339
7:00 PM	871
8:00 PM	614
9:00 PM	490
10:00 PM	343
11:00 PM	178
Total	21152



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Foster - Irvine Boulevard

File Name 040
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	183			13	136				
12:15	26	196			11	135				
12:30	11	155			10	147				
12:45	16	149	64	683	10	171	44	589	108	1272
1:00	6	135			5	140				
1:15	2	166			2	180				
1:30	8	159			8	185				
1:45	6	145	22	605	7	155	22	660	44	1265
2:00	11	145			3	153				
2:15	4	153			7	147				
2:30	6	199			8	159				
2:45	8	162	29	659	11	175	29	634	58	1293
3:00	6	187			10	155				
3:15	11	175			5	128				
3:30	10	224			10	142				
3:45	20	234	47	820	16	136	41	561	88	1381
4:00	16	251			16	160				
4:15	16	294			20	129				
4:30	46	299			28	134				
4:45	57	277	135	1121	42	107	106	530	241	1651
5:00	28	340			64	161				
5:15	33	374			54	146				
5:30	72	308			81	131				
5:45	82	288	215	1310	84	111	283	549	498	1859
6:00	79	253			74	93				
6:15	119	233			96	117				
6:30	95	207			149	97				
6:45	113	192	406	885	177	83	496	390	902	1275
7:00	68	182			291	70				
7:15	75	144			301	79				
7:30	117	130			457	54				
7:45	109	126	369	582	496	58	1545	261	1914	843
8:00	90	115			476	66				
8:15	160	110			415	50				
8:30	112	109			390	43				
8:45	88	99	450	433	341	25	1622	184	2072	617
9:00	88	65			254	42				
9:15	86	84			235	43				
9:30	93	75			207	36				
9:45	97	82	364	306	212	28	908	149	1272	455
10:00	94	64			168	37				
10:15	92	60			146	29				
10:30	101	69			154	21				
10:45	105	56	392	249	132	15	600	102	992	351
11:00	141	25			143	24				
11:15	112	31			142	13				
11:30	149	28			151	20				
11:45	154	27	556	111	128	6	564	63	1120	174
Totals	3049	7764			6260	4672				
Combined Totals		10813				10932				
ADT										21745
AM Peak Hour	1100	AM			730	AM				
Volume	556				1844					
P.H.F.	0.903				0.929					
PM Peak Hour		500	PM			2445	PM			
Volume		1310				676				
P.H.F.		0.876				0.914				
Percentage	28.2%	71.8%			57.3%	42.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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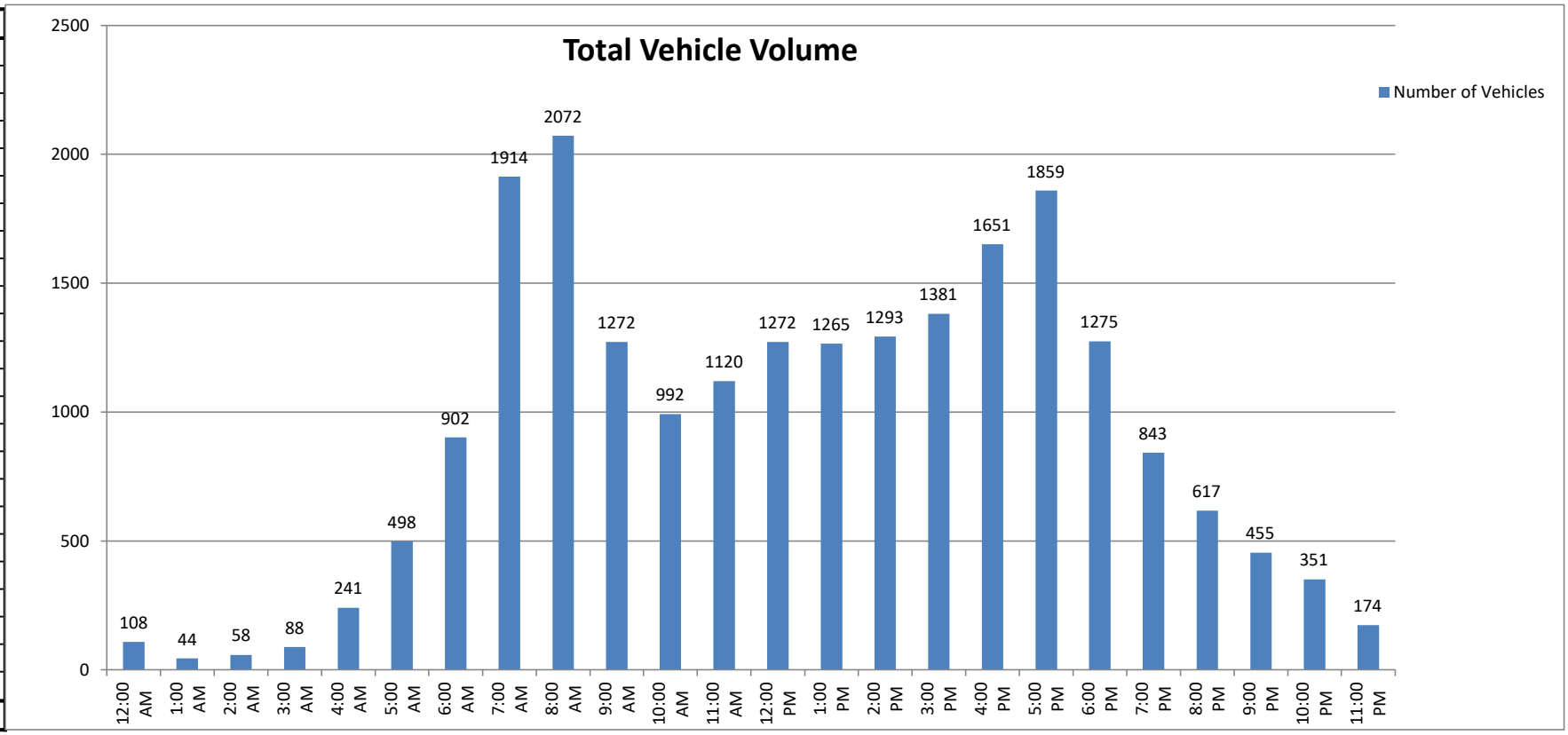
24 Hour Volume Plot

Alton Parkway
B/ Foster - Irvine Boulevard

1/25/2024

Start Time	1/25/2024
12:00 AM	108
1:00 AM	44
2:00 AM	58
3:00 AM	88
4:00 AM	241
5:00 AM	498
6:00 AM	902
7:00 AM	1914
8:00 AM	2072
9:00 AM	1272
10:00 AM	992
11:00 AM	1120
12:00 PM	1272
1:00 PM	1265
2:00 PM	1293
3:00 PM	1381
4:00 PM	1651
5:00 PM	1859
6:00 PM	1275
7:00 PM	843
8:00 PM	617
9:00 PM	455
10:00 PM	351
11:00 PM	174
Total	21745



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Foster - Irvine Boulevard

File Name 040
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	188			11	128				
12:15	21	182			10	137				
12:30	10	150			11	157				
12:45	14	147	60	665	9	164	40	584	100	1249
1:00	6	137			4	151				
1:15	6	157			3	177				
1:30	6	158			7	179				
1:45	5	159	22	609	7	160	20	666	42	1275
2:00	10	146			3	148				
2:15	5	151			7	142				
2:30	5	187			7	168				
2:45	8	159	27	643	10	168	26	625	53	1268
3:00	9	195			12	152				
3:15	9	187			7	118				
3:30	12	204			13	145				
3:45	20	221	49	805	12	131	42	545	91	1350
4:00	11	263			16	155				
4:15	19	289			20	119				
4:30	53	304			27	130				
4:45	59	282	141	1137	42	110	104	514	245	1651
5:00	34	366			68	156				
5:15	34	378			52	143				
5:30	65	309			79	127				
5:45	82	314	215	1366	86	113	284	538	498	1904
6:00	88	278			76	109				
6:15	105	237			92	104				
6:30	94	215			138	97				
6:45	108	182	394	912	177	86	482	396	876	1307
7:00	73	175			261	71				
7:15	78	169			281	73				
7:30	110	125			401	61				
7:45	108	131	368	600	462	53	1404	258	1771	857
8:00	106	122			426	55				
8:15	136	117			379	47				
8:30	123	110			366	43				
8:45	92	93	457	441	347	31	1517	175	1974	616
9:00	83	84			252	41				
9:15	85	85			228	58				
9:30	94	78			209	32				
9:45	89	71	351	317	201	25	889	156	1240	473
10:00	94	69			162	33				
10:15	93	55			145	31				
10:30	94	65			157	22				
10:45	110	57	390	244	142	18	604	103	994	347
11:00	128	35			140	22				
11:15	105	30			144	13				
11:30	154	26			132	18				
11:45	158	25	545	116	138	9	553	61	1097	176
Totals	3015	7852			5964	4618				
Combined Totals		10867				10582				
ADT										21449
AM Peak Hour	1100	AM			730	AM				
Volume	545				1667					
P.H.F.	0.864				0.903					
PM Peak Hour		500	PM			2445	PM			
Volume		1366				670				
P.H.F.		0.905				0.935				
Percentage	27.7%	72.3%			56.4%	43.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Alton Parkway
B/ Gateway - Enterprise

File Name 027
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	181			11	194				
12:15	22	179			12	179				
12:30	30	200			14	203				
12:45	18	181	96	741	3	164	40	740	136	1481
1:00	16	201			13	205				
1:15	7	179			7	152				
1:30	11	209			8	154				
1:45	6	165	40	754	1	170	29	681	69	1435
2:00	5	186			3	160				
2:15	10	216			1	164				
2:30	12	154			2	223				
2:45	7	179	34	735	6	167	12	714	46	1449
3:00	6	179			2	173				
3:15	5	170			1	168				
3:30	8	195			9	183				
3:45	8	203	27	747	6	174	18	698	45	1445
4:00	4	225			5	217				
4:15	3	236			7	221				
4:30	26	225			19	225				
4:45	42	259	75	945	21	225	52	888	127	1833
5:00	22	319			29	235				
5:15	42	284			27	233				
5:30	67	271			25	240				
5:45	96	267	227	1141	35	184	116	892	343	2033
6:00	68	212			39	210				
6:15	70	250			58	172				
6:30	99	177			87	183				
6:45	96	202	333	841	111	139	295	704	628	1545
7:00	105	149			91	124				
7:15	150	169			134	93				
7:30	150	146			171	100				
7:45	218	144	623	608	244	92	640	409	1263	1017
8:00	190	138			260	71				
8:15	163	111			285	75				
8:30	199	109			274	79				
8:45	188	116	740	474	271	48	1090	273	1830	747
9:00	167	121			229	69				
9:15	144	98			186	54				
9:30	143	108			172	40				
9:45	156	92	610	419	153	42	740	205	1350	624
10:00	145	103			135	44				
10:15	127	85			132	33				
10:30	128	65			112	34				
10:45	122	62	522	315	149	24	528	135	1050	450
11:00	157	49			135	16				
11:15	148	31			144	22				
11:30	154	33			174	36				
11:45	161	30	620	143	158	19	611	93	1231	236
Totals	3947	7863			4171	6432				
Combined Totals		11810				10603				
ADT										22413
AM Peak Hour	745	AM			800	AM				
Volume	770				1090					
P.H.F.	0.883				0.956					
PM Peak Hour		500	PM			445	PM			
Volume		1141				933				
P.H.F.		0.894				0.972				
Percentage	33.4%	66.6%			39.3%	60.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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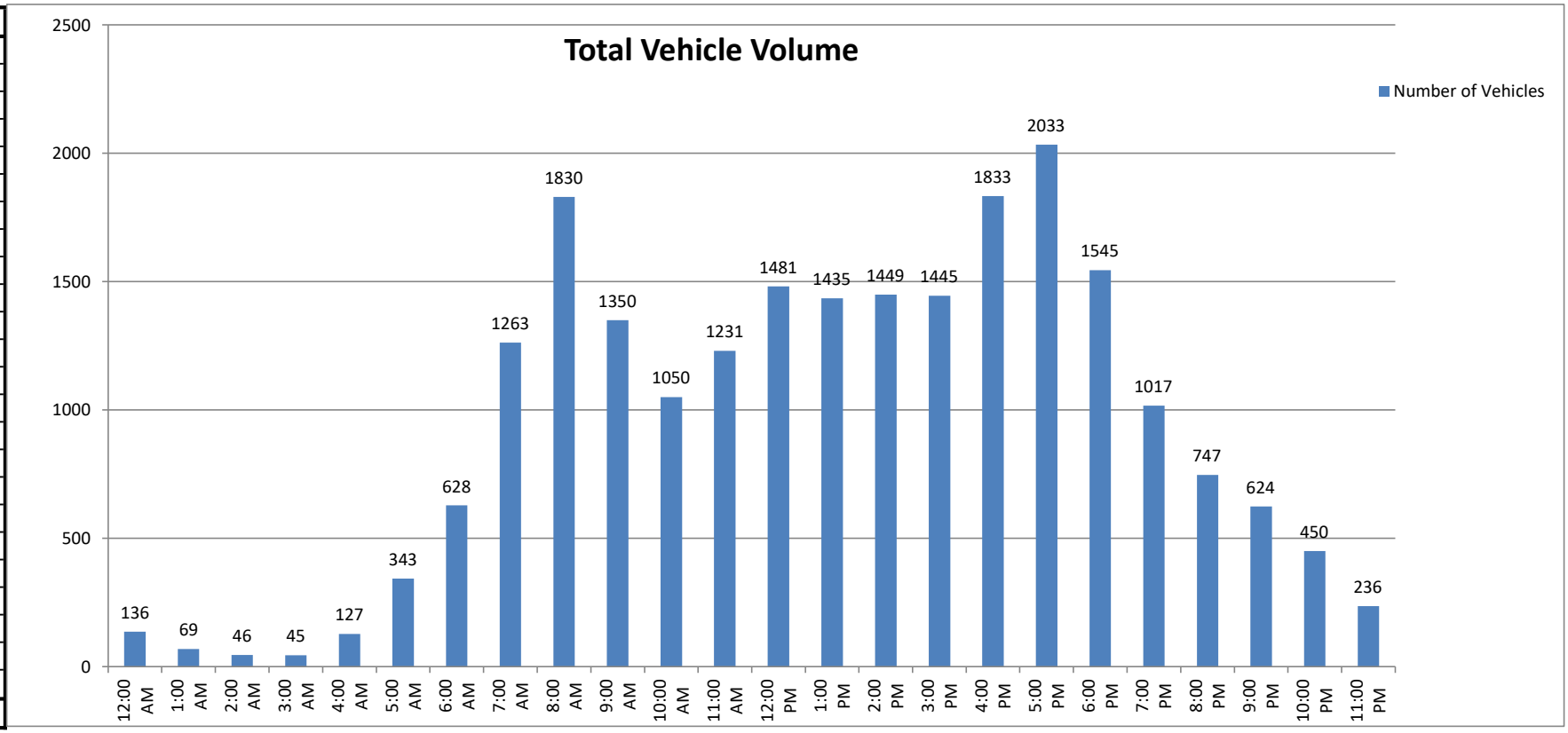
24 Hour Volume Plot

Alton Parkway

B/ Gateway - Enterprise

1/24/2024

Start Time	1/24/2024
12:00 AM	136
1:00 AM	69
2:00 AM	46
3:00 AM	45
4:00 AM	127
5:00 AM	343
6:00 AM	628
7:00 AM	1263
8:00 AM	1830
9:00 AM	1350
10:00 AM	1050
11:00 AM	1231
12:00 PM	1481
1:00 PM	1435
2:00 PM	1449
3:00 PM	1445
4:00 PM	1833
5:00 PM	2033
6:00 PM	1545
7:00 PM	1017
8:00 PM	747
9:00 PM	624
10:00 PM	450
11:00 PM	236
Total	22413



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Gateway - Enterprise

File Name 027
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	168			21	159				
12:15	19	198			17	187				
12:30	26	173			7	191				
12:45	26	193	96	732	8	195	53	732	149	1464
1:00	17	183			9	192				
1:15	20	194			5	165				
1:30	14	176			11	174				
1:45	5	203	56	756	8	159	33	690	89	1446
2:00	15	214			6	168				
2:15	10	187			3	149				
2:30	13	195			4	215				
2:45	4	217	42	813	2	185	15	717	57	1530
3:00	10	178			1	209				
3:15	5	204			4	160				
3:30	10	164			5	188				
3:45	8	202	33	748	9	203	19	760	52	1508
4:00	10	202			8	216				
4:15	11	190			14	231				
4:30	16	248			18	217				
4:45	30	221	67	861	23	197	63	861	130	1722
5:00	31	256			17	231				
5:15	38	249			25	221				
5:30	65	266			39	216				
5:45	88	226	222	997	33	195	114	863	336	1860
6:00	75	228			43	199				
6:15	75	218			62	147				
6:30	106	179			78	131				
6:45	95	201	351	826	92	141	275	618	626	1444
7:00	104	193			112	135				
7:15	145	147			131	112				
7:30	151	165			181	88				
7:45	157	147	557	652	215	96	639	431	1196	1083
8:00	194	124			280	78				
8:15	200	139			243	90				
8:30	200	116			282	83				
8:45	174	118	768	497	294	71	1099	322	1867	819
9:00	190	139			232	55				
9:15	169	101			178	45				
9:30	144	124			182	53				
9:45	144	110	647	474	151	41	743	194	1390	668
10:00	177	89			151	33				
10:15	121	74			130	41				
10:30	128	64			145	30				
10:45	132	71	558	298	129	20	555	124	1113	422
11:00	125	40			166	22				
11:15	132	40			153	16				
11:30	185	44			168	24				
11:45	163	27	605	151	149	15	636	77	1241	228
Totals	4002	7805			4244	6389				
Combined Totals		11807				10633				
ADT										22440
AM Peak Hour	800	AM			800	AM				
Volume	768				1099					
P.H.F.	0.960				0.935					
PM Peak Hour		500	PM			415	PM			
Volume		997				876				
P.H.F.		0.937				0.948				
Percentage	33.9%	66.1%			39.9%	60.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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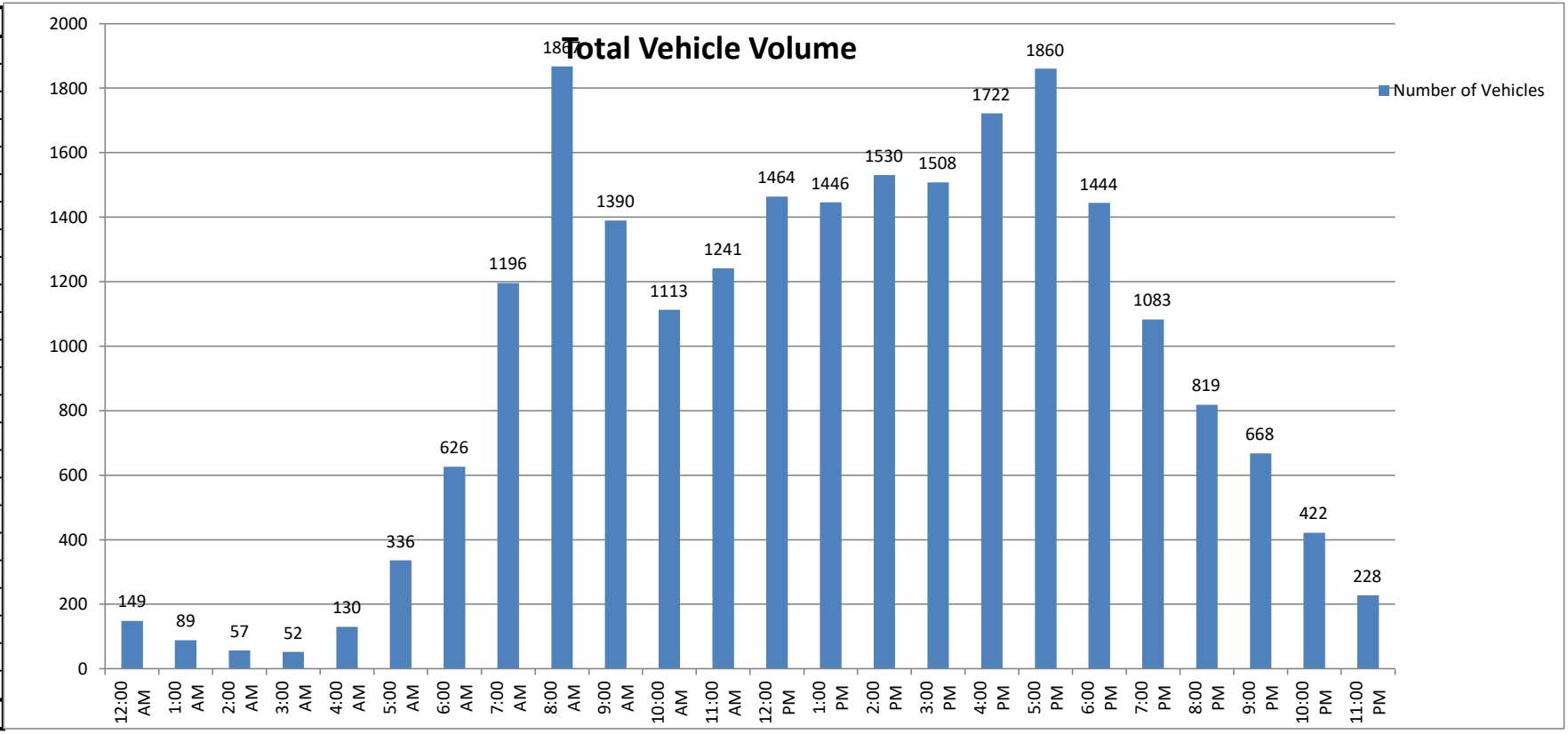
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Gateway - Enterprise
1/25/2024

Start Time	1/25/2024
12:00 AM	149
1:00 AM	89
2:00 AM	57
3:00 AM	52
4:00 AM	130
5:00 AM	336
6:00 AM	626
7:00 AM	1196
8:00 AM	1867
9:00 AM	1390
10:00 AM	1113
11:00 AM	1241
12:00 PM	1464
1:00 PM	1446
2:00 PM	1530
3:00 PM	1508
4:00 PM	1722
5:00 PM	1860
6:00 PM	1444
7:00 PM	1083
8:00 PM	819
9:00 PM	668
10:00 PM	422
11:00 PM	228
Total	22440



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Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Gateway - Enterprise

File Name 027
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	175			16	177				
12:15	21	189			15	183				
12:30	28	187			11	197				
12:45	22	187	96	737	6	180	47	736	143	1473
1:00	17	192			11	199				
1:15	14	187			6	159				
1:30	13	193			10	164				
1:45	6	184	48	755	5	165	31	686	79	1441
2:00	10	200			5	164				
2:15	10	202			2	157				
2:30	13	175			3	219				
2:45	6	198	38	774	4	176	14	716	52	1490
3:00	8	179			2	191				
3:15	5	187			3	164				
3:30	9	180			7	186				
3:45	8	203	30	748	8	189	19	729	49	1477
4:00	7	214			7	217				
4:15	7	213			11	226				
4:30	21	237			19	221				
4:45	36	240	71	903	22	211	58	875	129	1778
5:00	27	288			23	233				
5:15	40	267			26	227				
5:30	66	269			32	228				
5:45	92	247	225	1069	34	190	115	878	340	1947
6:00	72	220			41	205				
6:15	73	234			60	160				
6:30	103	178			83	157				
6:45	96	202	342	834	102	140	285	661	627	1495
7:00	105	171			102	130				
7:15	148	158			133	103				
7:30	151	156			176	94				
7:45	188	146	590	630	230	94	640	420	1230	1050
8:00	192	131			270	75				
8:15	182	125			264	83				
8:30	200	113			278	81				
8:45	181	117	754	486	283	60	1095	298	1849	783
9:00	179	130			231	62				
9:15	157	100			182	50				
9:30	144	116			177	47				
9:45	150	101	629	447	152	42	742	200	1370	646
10:00	161	96			143	39				
10:15	124	80			131	37				
10:30	128	65			129	32				
10:45	127	67	540	307	139	22	542	130	1082	436
11:00	141	45			151	19				
11:15	140	36			149	19				
11:30	170	39			171	30				
11:45	162	29	613	147	154	17	624	85	1236	232
Totals	3975	7834			4208	6411				
Combined Totals		11809				10618				
ADT										22427
AM Peak Hour	745	AM			800	AM				
Volume	761				1095					
P.H.F.	0.953				0.969					
PM Peak Hour		500	PM			445	PM			
Volume		1069				899				
P.H.F.		0.930				0.965				
Percentage	33.7%	66.3%			39.6%	60.4%				

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City of Irvine
Alton Parkway
B/ Hospital - Laguna Canyon Road

File Name 019
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	95			9	110				
12:15	4	86			11	92				
12:30	9	112			35	99				
12:45	6	112	29	405	11	104	66	405	95	810
1:00	4	94			4	115				
1:15	3	108			5	132				
1:30	4	150			4	105				
1:45	2	107	13	459	4	90	17	442	30	901
2:00	3	103			2	112				
2:15	2	105			4	123				
2:30	5	119			4	154				
2:45	4	108	14	435	2	122	12	511	26	946
3:00	5	121			1	113				
3:15	1	136			6	86				
3:30	5	125			4	120				
3:45	5	104	16	486	2	111	13	430	29	916
4:00	10	100			6	151				
4:15	18	133			4	125				
4:30	44	109			8	207				
4:45	65	127	137	469	16	187	34	670	171	1139
5:00	27	145			19	206				
5:15	22	129			14	210				
5:30	28	140			22	219				
5:45	24	135	101	549	36	188	91	823	192	1372
6:00	40	125			42	164				
6:15	35	93			41	133				
6:30	50	79			44	101				
6:45	84	87	209	384	66	74	193	472	402	856
7:00	79	73			53	61				
7:15	76	62			81	62				
7:30	83	79			136	46				
7:45	102	41	340	255	196	40	466	209	806	464
8:00	132	47			251	31				
8:15	159	34			247	47				
8:30	226	47			221	28				
8:45	185	35	702	163	194	24	913	130	1615	293
9:00	172	45			134	24				
9:15	136	24			112	24				
9:30	128	34			104	26				
9:45	145	24	581	127	95	16	445	90	1026	217
10:00	109	29			87	39				
10:15	112	21			84	24				
10:30	100	19			73	23				
10:45	101	10	422	79	88	10	332	96	754	175
11:00	77	20			84	16				
11:15	94	11			74	9				
11:30	88	15			79	11				
11:45	96	9	355	55	88	4	325	40	680	95
Totals	2919	3866			2907	4318				
Combined Totals		6785				7225				
ADT										14010
AM Peak Hour	815	AM			745	AM				
Volume	742				915					
P.H.F.	0.821				0.911					
PM Peak Hour		500	PM			500	PM			
Volume		549				823				
P.H.F.		0.947				0.939				
Percentage	43.0%	57.0%			40.2%	59.8%				

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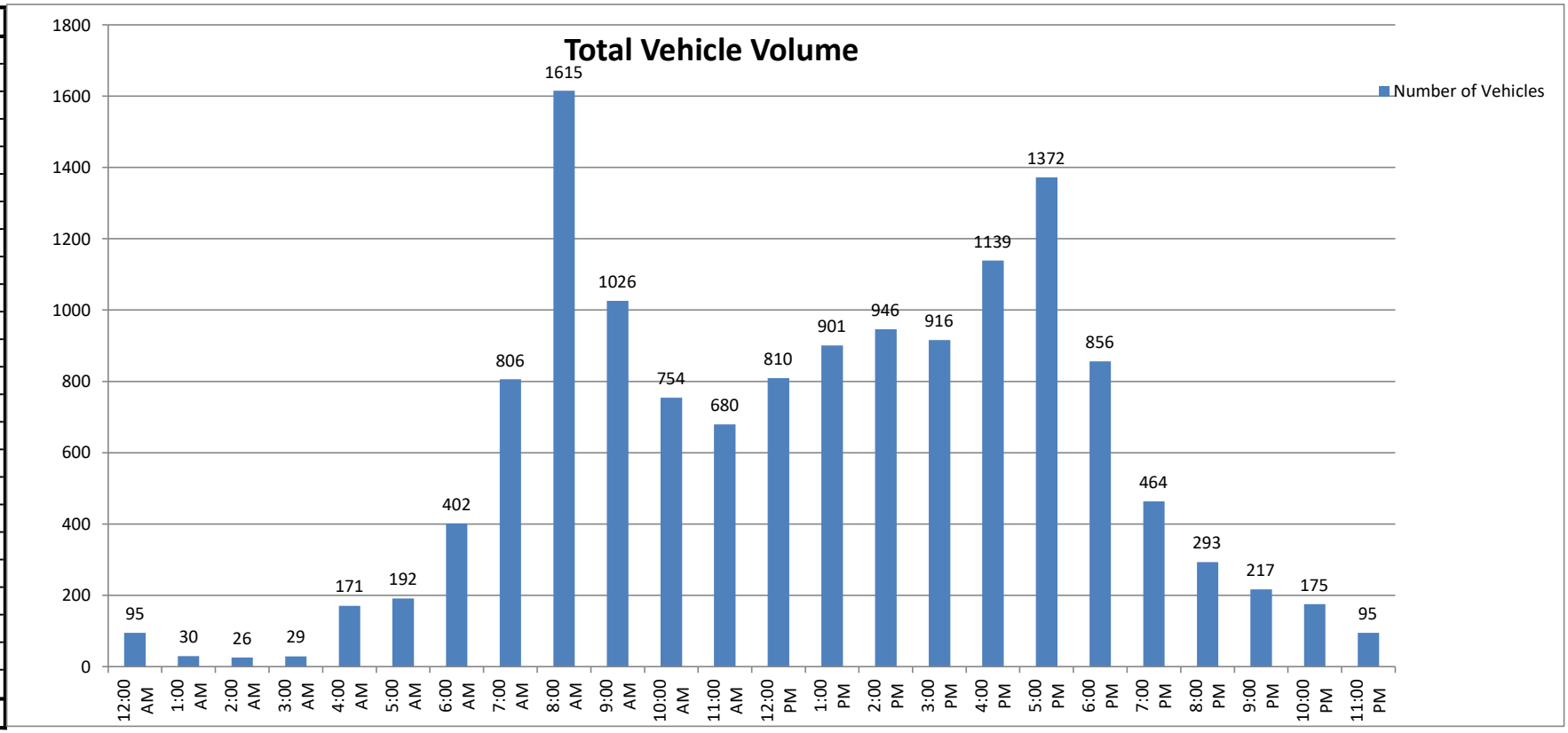
24 Hour Volume Plot

Alton Parkway
B/ Hospital - Laguna Canyon Road

1/17/2024

Start Time	1/17/2024
12:00 AM	95
1:00 AM	30
2:00 AM	26
3:00 AM	29
4:00 AM	171
5:00 AM	192
6:00 AM	402
7:00 AM	806
8:00 AM	1615
9:00 AM	1026
10:00 AM	754
11:00 AM	680
12:00 PM	810
1:00 PM	901
2:00 PM	946
3:00 PM	916
4:00 PM	1139
5:00 PM	1372
6:00 PM	856
7:00 PM	464
8:00 PM	293
9:00 PM	217
10:00 PM	175
11:00 PM	95
Total	14010



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Hospital - Laguna Canyon Road

File Name 019
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	119			9	95				
12:15	7	98			21	102				
12:30	6	98			25	108				
12:45	6	108	30	423	6	94	61	399	91	822
1:00	4	110			8	116				
1:15	2	108			6	105				
1:30	3	101			3	112				
1:45	4	93	13	412	2	107	19	440	32	852
2:00	1	88			2	123				
2:15	2	112			2	132				
2:30	4	130			3	162				
2:45	4	116	11	446	3	110	10	527	21	973
3:00	4	124			1	104				
3:15	6	124			3	120				
3:30	4	118			1	144				
3:45	8	118	22	484	4	146	9	514	31	998
4:00	7	116			7	166				
4:15	19	127			7	159				
4:30	50	120			9	201				
4:45	65	132	141	495	21	168	44	694	185	1189
5:00	22	143			20	203				
5:15	23	131			19	233				
5:30	43	141			38	214				
5:45	58	125	146	540	44	183	121	833	267	1373
6:00	44	118			42	143				
6:15	51	94			35	129				
6:30	48	101			63	95				
6:45	77	88	220	401	57	78	197	445	417	846
7:00	72	79			63	61				
7:15	81	64			77	54				
7:30	103	63			114	49				
7:45	84	43	340	249	215	40	469	204	809	453
8:00	141	45			219	35				
8:15	146	39			221	32				
8:30	153	43			207	27				
8:45	147	51	587	178	171	40	818	134	1405	312
9:00	168	71			170	29				
9:15	142	28			109	42				
9:30	143	34			113	28				
9:45	117	20	570	153	136	36	528	135	1098	288
10:00	106	19			83	24				
10:15	93	21			98	19				
10:30	92	25			90	27				
10:45	101	15	392	80	79	14	350	84	742	164
11:00	87	24			74	12				
11:15	99	16			76	14				
11:30	93	18			93	24				
11:45	84	6	363	64	97	17	340	67	703	131
Totals	2835	3925			2966	4476				
Combined Totals		6760				7442				
ADT										14202
AM Peak Hour	815	AM			745	AM				
Volume	614				862					
P.H.F.	0.914				0.975					
PM Peak Hour		445	PM			500	PM			
Volume		547				833				
P.H.F.		0.956				0.894				
Percentage	41.9%	58.1%			39.9%	60.1%				

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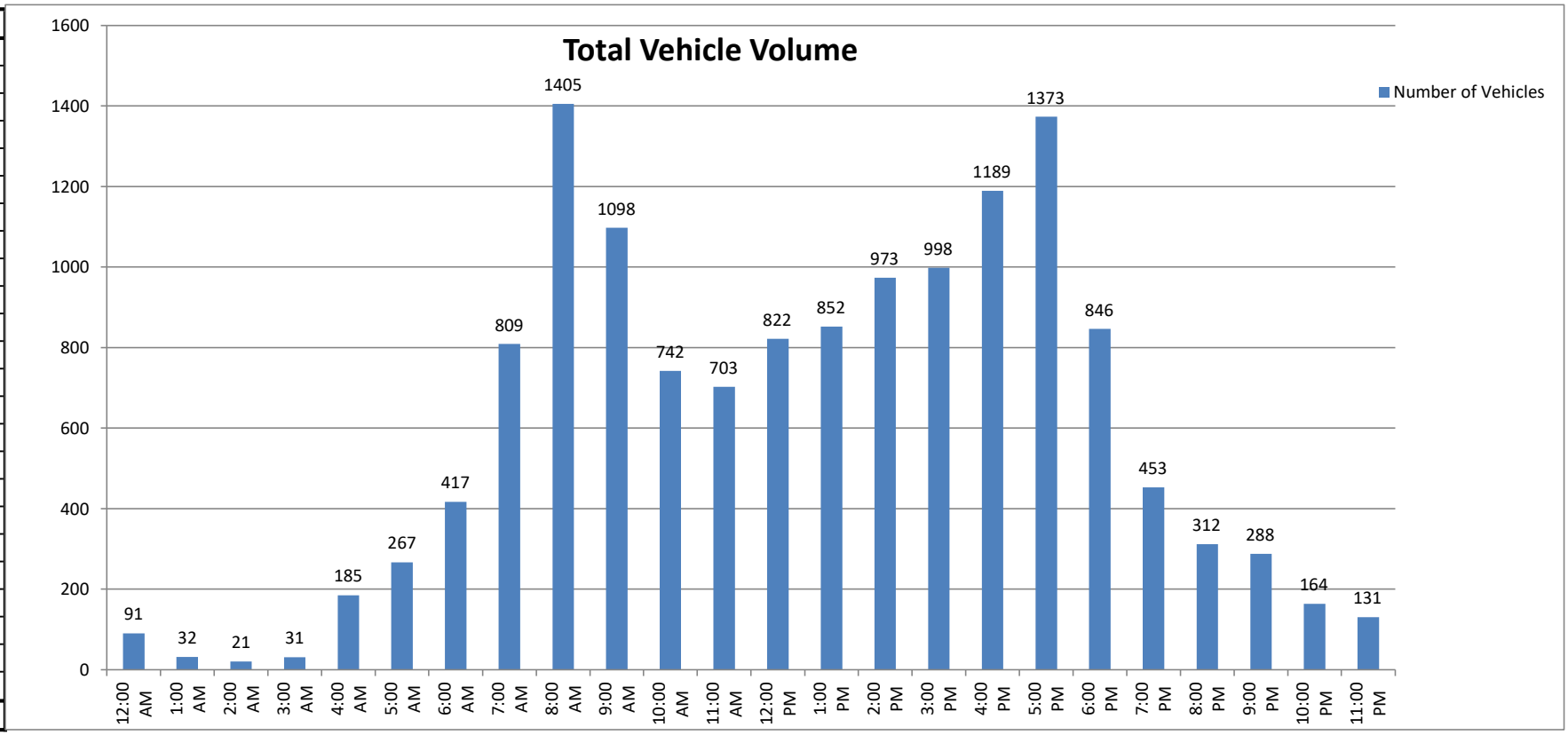
24 Hour Volume Plot

Alton Parkway
B/ Hospital - Laguna Canyon Road

1/18/2024

Start Time	1/18/2024
12:00 AM	91
1:00 AM	32
2:00 AM	21
3:00 AM	31
4:00 AM	185
5:00 AM	267
6:00 AM	417
7:00 AM	809
8:00 AM	1405
9:00 AM	1098
10:00 AM	742
11:00 AM	703
12:00 PM	822
1:00 PM	852
2:00 PM	973
3:00 PM	998
4:00 PM	1189
5:00 PM	1373
6:00 PM	846
7:00 PM	453
8:00 PM	312
9:00 PM	288
10:00 PM	164
11:00 PM	131
Total	14202



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Hospital - Laguna Canyon Road

File Name 019
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	107			9	103				
12:15	6	92			16	97				
12:30	8	105			30	104				
12:45	6	110	30	414	9	99	64	402	93	816
1:00	4	102			6	116				
1:15	3	108			6	119				
1:30	4	126			4	109				
1:45	3	100	13	436	3	99	18	441	31	877
2:00	2	96			2	118				
2:15	2	109			3	128				
2:30	5	125			4	158				
2:45	4	112	13	441	3	116	11	519	24	960
3:00	5	123			1	109				
3:15	4	130			5	103				
3:30	5	122			3	132				
3:45	7	111	19	485	3	129	11	472	30	957
4:00	9	108			7	159				
4:15	19	130			6	142				
4:30	47	115			9	204				
4:45	65	130	139	482	19	178	39	682	178	1164
5:00	25	144			20	205				
5:15	23	130			17	222				
5:30	36	141			30	217				
5:45	41	130	124	545	40	186	106	828	230	1373
6:00	42	122			42	154				
6:15	43	94			38	131				
6:30	49	90			54	98				
6:45	81	88	215	393	62	76	195	459	410	851
7:00	76	76			58	61				
7:15	79	63			79	58				
7:30	93	71			125	48				
7:45	93	42	340	252	206	40	468	207	808	459
8:00	137	46			235	33				
8:15	153	37			234	40				
8:30	190	45			214	28				
8:45	166	43	645	171	183	32	866	132	1510	303
9:00	170	58			152	27				
9:15	139	26			111	33				
9:30	136	34			109	27				
9:45	131	22	576	140	116	26	487	113	1062	253
10:00	108	24			85	32				
10:15	103	21			91	22				
10:30	96	22			82	25				
10:45	101	13	407	80	84	12	341	90	748	170
11:00	82	22			79	14				
11:15	97	14			75	12				
11:30	91	17			86	18				
11:45	90	8	359	60	93	11	333	54	692	113
Totals	2877	3896			2937	4397				
Combined Totals		6773				7334				
ADT										14106
AM Peak Hour	815	AM			745	AM				
Volume	678				889					
P.H.F.	0.894				0.945					
PM Peak Hour		500	PM			500	PM			
Volume		545				828				
P.H.F.		0.945				0.935				
Percentage	42.5%	57.5%			40.0%	60.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Hughes - Morgan

File Name 035
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	196			43	191				
12:15	22	183			27	192				
12:30	17	203			21	207				
12:45	21	203	82	785	19	156	110	746	192	1531
1:00	17	204			14	202				
1:15	31	167			15	213				
1:30	26	211			26	257				
1:45	35	181	109	763	14	223	69	895	178	1658
2:00	33	178			9	223				
2:15	17	217			12	208				
2:30	35	177			10	278				
2:45	58	190	143	762	8	197	39	906	182	1668
3:00	41	222			10	208				
3:15	38	220			6	169				
3:30	45	198			21	209				
3:45	79	220	203	860	13	188	50	774	253	1634
4:00	28	265			25	230				
4:15	51	285			16	167				
4:30	120	285			29	224				
4:45	165	319	364	1154	38	216	108	837	472	1991
5:00	95	363			68	222				
5:15	102	400			60	223				
5:30	149	328			65	185				
5:45	144	339	490	1430	72	176	265	806	755	2236
6:00	177	295			72	162				
6:15	149	249			95	130				
6:30	176	238			135	139				
6:45	132	195	634	977	179	121	481	552	1115	1529
7:00	167	205			207	95				
7:15	145	200			238	108				
7:30	187	141			361	97				
7:45	193	149	692	695	403	74	1209	374	1901	1069
8:00	184	128			414	62				
8:15	186	136			334	71				
8:30	206	113			365	78				
8:45	168	112	744	489	363	59	1476	270	2220	759
9:00	140	112			255	63				
9:15	124	92			236	91				
9:30	175	83			217	54				
9:45	117	75	556	362	210	50	918	258	1474	620
10:00	129	82			167	49				
10:15	116	67			177	53				
10:30	125	72			175	56				
10:45	157	69	527	290	174	42	693	200	1220	490
11:00	152	51			202	60				
11:15	155	36			164	30				
11:30	195	39			199	33				
11:45	201	32	703	158	226	35	791	158	1494	316
Totals	5247	8725			6209	6776				
Combined Totals		13972				12985				
ADT										26957
AM Peak Hour	745	AM			745	AM				
Volume	769				1516					
P.H.F.	0.933				0.915					
PM Peak Hour		500	PM			145	PM			
Volume		1430				932				
P.H.F.		0.894				0.838				
Percentage	37.6%	62.4%			47.8%	52.2%				

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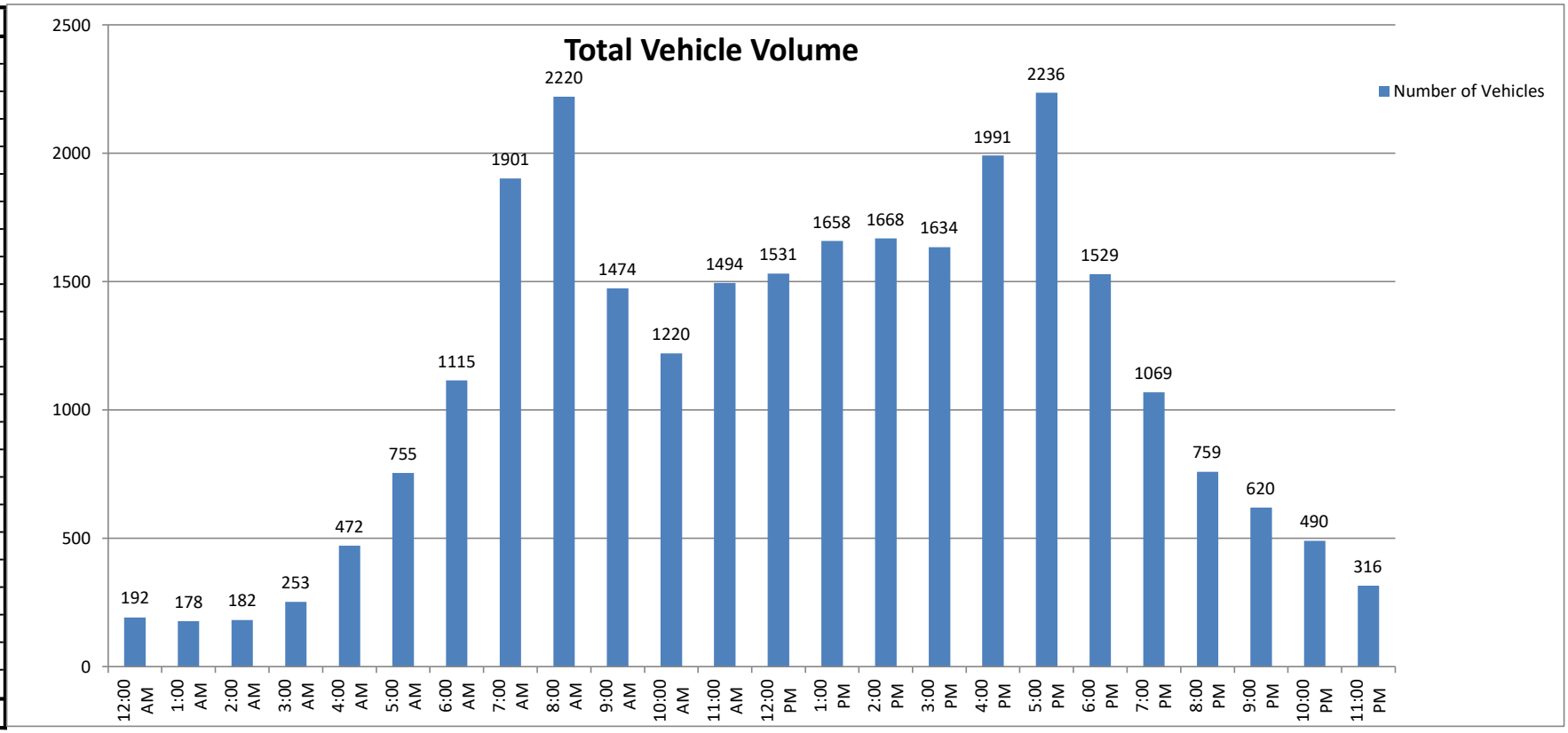
24 Hour Volume Plot

Alton Parkway
B/ Hughes - Morgan
1/24/2024

Start Time	1/24/2024
12:00 AM	192
1:00 AM	178
2:00 AM	182
3:00 AM	253
4:00 AM	472
5:00 AM	755
6:00 AM	1115
7:00 AM	1901
8:00 AM	2220
9:00 AM	1474
10:00 AM	1220
11:00 AM	1494
12:00 PM	1531
1:00 PM	1658
2:00 PM	1668
3:00 PM	1634
4:00 PM	1991
5:00 PM	2236
6:00 PM	1529
7:00 PM	1069
8:00 PM	759
9:00 PM	620
10:00 PM	490
11:00 PM	316
Total	26957



Volumes represent the combined totals for both directions

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City of Irvine
Alton Parkway
B/ Hughes - Morgan

File Name 035
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	195			36	189				
12:15	43	205			25	168				
12:30	26	192			18	202				
12:45	28	193	118	785	24	188	103	747	221	1532
1:00	16	179			15	184				
1:15	19	196			10	198				
1:30	32	204			25	242				
1:45	32	146	99	725	19	237	69	861	168	1586
2:00	28	190			14	224				
2:15	25	181			18	213				
2:30	44	204			8	276				
2:45	61	222	158	797	8	225	48	938	206	1735
3:00	42	207			8	225				
3:15	40	164			10	185				
3:30	37	249			21	210				
3:45	86	235	205	855	16	191	55	811	260	1666
4:00	37	224			26	223				
4:15	42	297			23	207				
4:30	112	287			26	213				
4:45	149	291	340	1099	34	185	109	828	449	1927
5:00	88	349			57	252				
5:15	75	338			59	211				
5:30	156	307			61	220				
5:45	159	280	478	1274	79	164	256	847	734	2121
6:00	186	281			81	141				
6:15	174	266			90	157				
6:30	163	211			131	134				
6:45	189	206	712	964	181	101	483	533	1195	1497
7:00	136	190			232	106				
7:15	148	146			294	102				
7:30	160	152			404	72				
7:45	173	131	617	619	410	82	1340	362	1957	981
8:00	157	146			461	82				
8:15	219	123			424	71				
8:30	168	119			429	90				
8:45	167	112	711	500	335	45	1649	288	2360	788
9:00	135	74			257	91				
9:15	129	99			257	73				
9:30	139	83			214	75				
9:45	130	101	533	357	220	39	948	278	1481	635
10:00	129	65			175	74				
10:15	150	65			163	46				
10:30	139	76			189	48				
10:45	138	65	556	271	180	38	707	206	1263	477
11:00	159	36			177	44				
11:15	153	34			170	44				
11:30	186	39			220	36				
11:45	188	38	686	147	199	21	766	145	1452	292
Totals	5213	8393			6533	6844				
Combined Totals		13606				13377				
ADT										26983
AM Peak Hour	745	AM			745	AM				
Volume	717				1724					
P.H.F.	0.818				0.935					
PM Peak Hour		445	PM			145	PM			
Volume		1285				950				
P.H.F.		0.920				0.861				
Percentage	38.3%	61.7%			48.8%	51.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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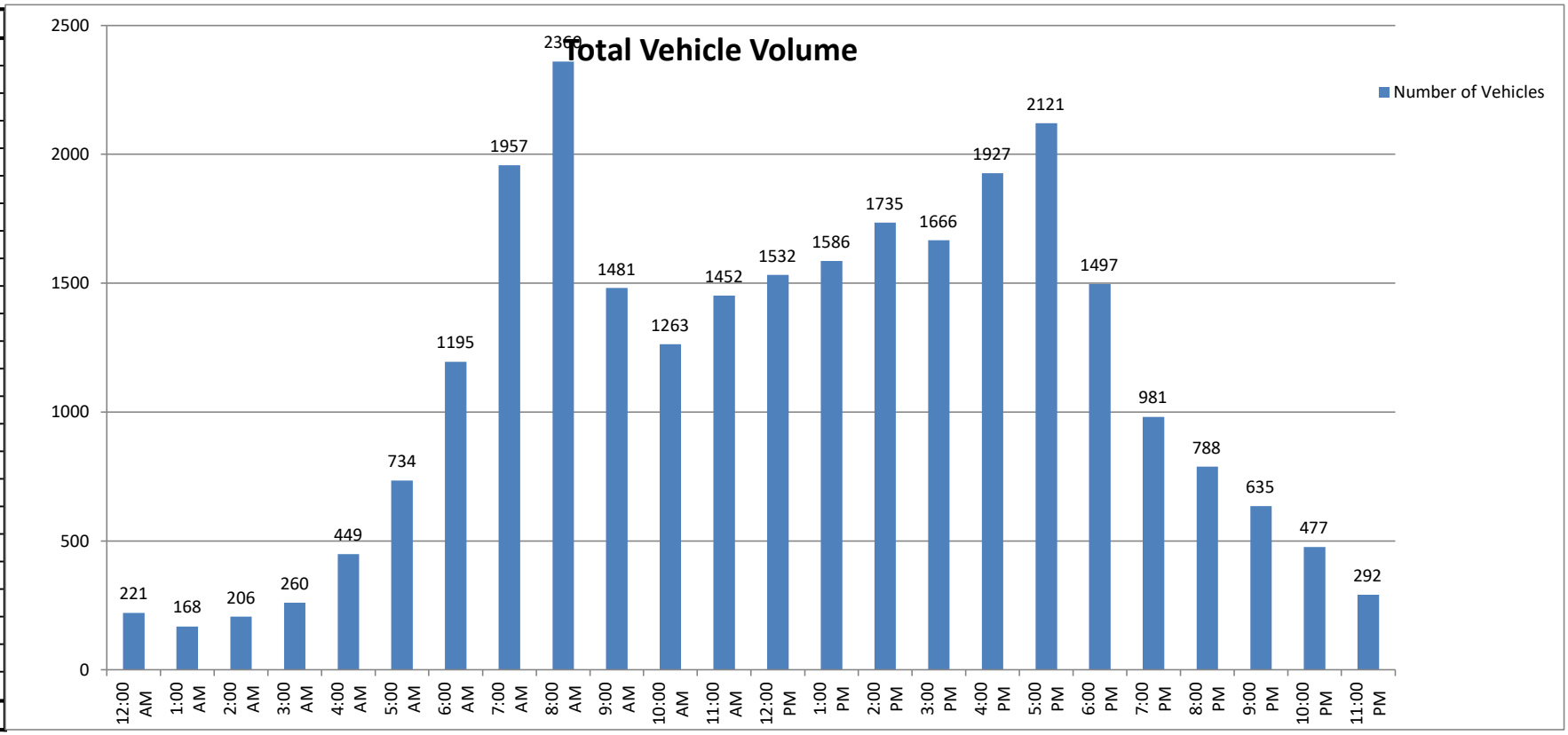
24 Hour Volume Plot

Alton Parkway
B/ Hughes - Morgan
1/25/2024

Start Time	1/25/2024
12:00 AM	221
1:00 AM	168
2:00 AM	206
3:00 AM	260
4:00 AM	449
5:00 AM	734
6:00 AM	1195
7:00 AM	1957
8:00 AM	2360
9:00 AM	1481
10:00 AM	1263
11:00 AM	1452
12:00 PM	1532
1:00 PM	1586
2:00 PM	1735
3:00 PM	1666
4:00 PM	1927
5:00 PM	2121
6:00 PM	1497
7:00 PM	981
8:00 PM	788
9:00 PM	635
10:00 PM	477
11:00 PM	292
Total	26983



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Hughes - Morgan

File Name 035
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	196			40	190				
12:15	33	194			26	180				
12:30	22	198			20	205				
12:45	25	198	100	785	22	172	107	747	207	1532
1:00	17	192			15	193				
1:15	25	182			13	206				
1:30	29	208			26	250				
1:45	34	164	104	744	17	230	69	878	173	1622
2:00	31	184			12	224				
2:15	21	199			15	211				
2:30	40	191			9	277				
2:45	60	206	151	780	8	211	44	922	194	1702
3:00	42	215			9	217				
3:15	39	192			8	177				
3:30	41	224			21	210				
3:45	83	228	204	858	15	190	53	793	257	1650
4:00	33	245			26	227				
4:15	47	291			20	187				
4:30	116	286			28	219				
4:45	157	305	352	1127	36	201	109	833	461	1959
5:00	92	356			63	237				
5:15	89	369			60	217				
5:30	153	318			63	203				
5:45	152	310	484	1352	76	170	261	827	745	2179
6:00	182	288			77	152				
6:15	162	258			93	144				
6:30	170	225			133	137				
6:45	161	201	673	971	180	111	482	543	1155	1513
7:00	152	198			220	101				
7:15	147	173			266	105				
7:30	174	147			383	85				
7:45	183	140	655	657	407	78	1275	368	1929	1025
8:00	171	137			438	72				
8:15	203	130			379	71				
8:30	187	116			397	84				
8:45	168	112	728	495	349	52	1563	279	2290	774
9:00	138	93			256	77				
9:15	127	96			247	82				
9:30	157	83			216	65				
9:45	124	88	545	360	215	45	933	268	1478	628
10:00	129	74			171	62				
10:15	133	66			170	50				
10:30	132	74			182	52				
10:45	148	67	542	281	177	40	700	203	1242	484
11:00	156	44			190	52				
11:15	154	35			167	37				
11:30	191	39			210	35				
11:45	195	35	695	153	213	28	779	152	1473	304
Totals	5230	8559			6371	6810				
Combined Totals		13789				13181				
ADT										26970
AM Peak Hour	745	AM			745	AM				
Volume	743				1620					
P.H.F.	0.917				0.926					
PM Peak Hour		500	PM			145	PM			
Volume		1352				941				
P.H.F.		0.916				0.849				
Percentage	37.9%	62.1%			48.3%	51.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Interstate 5 Northbound - Technology West

File Name 029
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	300			48	380				
12:15	36	292			27	347				
12:30	29	331			46	391				
12:45	28	301	128	1224	43	299	164	1417	292	2641
1:00	28	326			25	349				
1:15	20	331			21	305				
1:30	34	318			39	399				
1:45	21	333	103	1308	19	322	104	1375	207	2683
2:00	21	257			14	422				
2:15	23	307			21	400				
2:30	43	274			14	517				
2:45	45	307	132	1145	12	357	61	1696	193	2841
3:00	35	241			7	448				
3:15	49	232			9	375				
3:30	68	269			21	488				
3:45	105	256	257	998	11	398	48	1709	305	2707
4:00	57	263			17	558				
4:15	89	265			16	474				
4:30	193	275			31	542				
4:45	299	259	638	1062	34	497	98	2071	736	3133
5:00	189	270			42	547				
5:15	244	304			53	524				
5:30	301	269			60	468				
5:45	394	285	1128	1128	66	431	221	1970	1349	3098
6:00	262	238			94	415				
6:15	275	223			83	352				
6:30	323	212			107	307				
6:45	387	217	1247	890	136	320	420	1394	1667	2284
7:00	377	186			153	291				
7:15	402	187			180	240				
7:30	464	137			208	202				
7:45	555	148	1798	658	266	201	807	934	2605	1592
8:00	566	134			244	173				
8:15	542	125			243	153				
8:30	545	126			239	204				
8:45	524	119	2177	504	245	143	971	673	3148	1177
9:00	429	102			163	146				
9:15	431	100			179	166				
9:30	390	82			190	100				
9:45	396	74	1646	358	204	80	736	492	2382	850
10:00	313	83			191	106				
10:15	314	72			220	84				
10:30	269	82			202	99				
10:45	281	71	1177	308	279	87	892	376	2069	684
11:00	266	60			263	99				
11:15	282	48			296	72				
11:30	289	44			310	105				
11:45	295	38	1132	190	365	65	1234	341	2366	531
Totals	11563	9773			5756	14448				
Combined Totals		21336				20204				
ADT										41540
AM Peak Hour	745	AM			1100	AM				
Volume	2208				1234					
P.H.F.	0.975				0.845					
PM Peak Hour		100	PM			430	PM			
Volume		1308				2110				
P.H.F.		0.982				0.964				
Percentage	54.2%	45.8%			28.5%	71.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

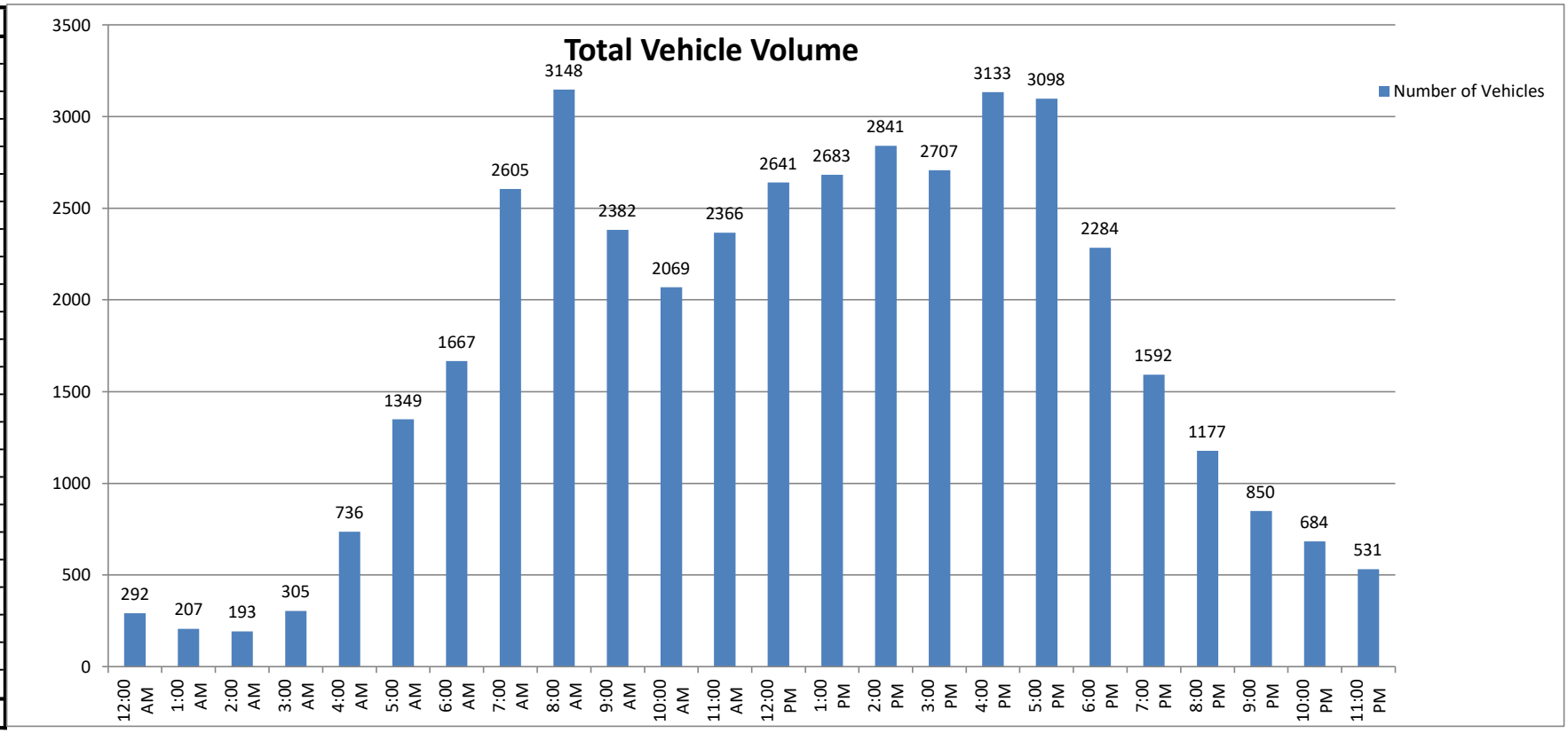
24 Hour Volume Plot

Alton Parkway

B/ Interstate 5 Northbound - Technology West

1/24/2024

Start Time	1/24/2024
12:00 AM	292
1:00 AM	207
2:00 AM	193
3:00 AM	305
4:00 AM	736
5:00 AM	1349
6:00 AM	1667
7:00 AM	2605
8:00 AM	3148
9:00 AM	2382
10:00 AM	2069
11:00 AM	2366
12:00 PM	2641
1:00 PM	2683
2:00 PM	2841
3:00 PM	2707
4:00 PM	3133
5:00 PM	3098
6:00 PM	2284
7:00 PM	1592
8:00 PM	1177
9:00 PM	850
10:00 PM	684
11:00 PM	531
Total	41540



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Interstate 5 Northbound - Technology West

File Name 029
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	47	276			42	360				
12:15	33	330			45	303				
12:30	22	302			33	345				
12:45	30	323	132	1231	28	380	148	1388	280	2619
1:00	18	335			27	355				
1:15	26	373			21	332				
1:30	32	281			36	421				
1:45	23	301	99	1290	36	369	120	1477	219	2767
2:00	23	271			22	353				
2:15	30	296			21	389				
2:30	44	248			9	554				
2:45	52	325	149	1140	13	373	65	1669	214	2809
3:00	43	266			7	472				
3:15	47	277			15	355				
3:30	72	233			26	472				
3:45	114	291	276	1067	15	417	63	1716	339	2783
4:00	65	252			20	462				
4:15	87	257			25	506				
4:30	192	285			36	456				
4:45	285	252	629	1046	30	434	111	1858	740	2904
5:00	179	263			40	561				
5:15	226	279			47	481				
5:30	309	264			66	464				
5:45	379	270	1093	1076	53	429	206	1935	1299	3011
6:00	337	248			87	424				
6:15	268	233			103	321				
6:30	318	198			109	315				
6:45	413	184	1336	863	120	316	419	1376	1755	2239
7:00	353	177			179	291				
7:15	371	142			237	228				
7:30	418	171			281	189				
7:45	493	150	1635	640	270	212	967	920	2602	1560
8:00	495	136			271	197				
8:15	557	109			270	199				
8:30	517	119			263	173				
8:45	539	101	2108	465	264	158	1068	727	3176	1192
9:00	469	101			194	136				
9:15	415	102			214	133				
9:30	348	92			195	99				
9:45	374	104	1606	399	172	84	775	452	2381	851
10:00	358	74			214	136				
10:15	282	93			165	110				
10:30	260	78			275	92				
10:45	266	70	1166	315	236	70	890	408	2056	723
11:00	269	36			269	89				
11:15	275	38			305	76				
11:30	291	54			334	84				
11:45	275	40	1110	168	348	51	1256	300	2366	468
Totals	11339	9700			6088	14226				
Combined Totals		21039				20314				
ADT										41353
AM Peak Hour	800	AM			1100	AM				
Volume	2108				1256					
P.H.F.	0.946				0.902					
PM Peak Hour		1230	PM			415	PM			
Volume		1333				1957				
P.H.F.		0.893				0.872				
Percentage	53.9%	46.1%			30.0%	70.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

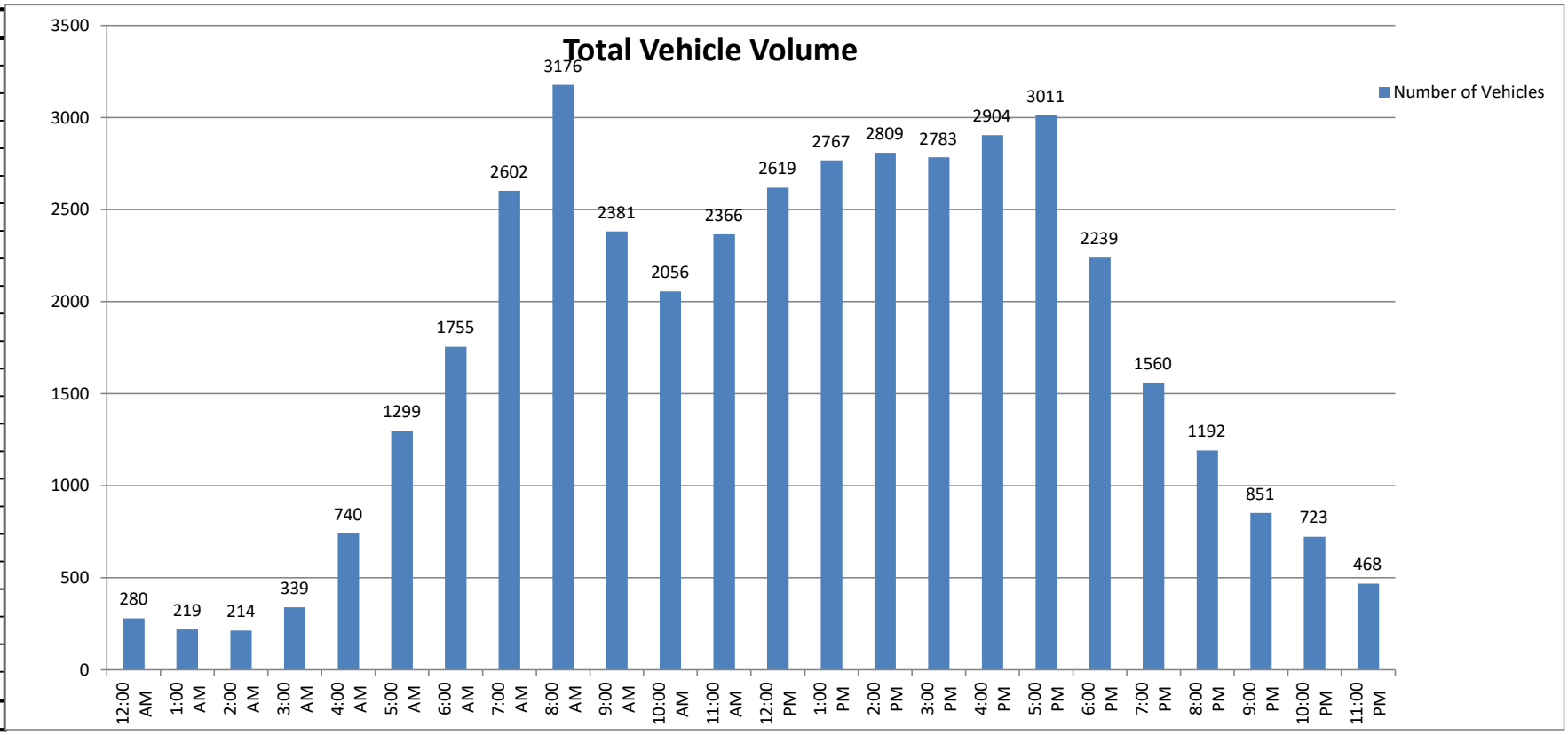
24 Hour Volume Plot

Alton Parkway

B/ Interstate 5 Northbound - Technology West

1/25/2024

Start Time	1/25/2024
12:00 AM	280
1:00 AM	219
2:00 AM	214
3:00 AM	339
4:00 AM	740
5:00 AM	1299
6:00 AM	1755
7:00 AM	2602
8:00 AM	3176
9:00 AM	2381
10:00 AM	2056
11:00 AM	2366
12:00 PM	2619
1:00 PM	2767
2:00 PM	2809
3:00 PM	2783
4:00 PM	2904
5:00 PM	3011
6:00 PM	2239
7:00 PM	1560
8:00 PM	1192
9:00 PM	851
10:00 PM	723
11:00 PM	468
Total	41353



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Interstate 5 Northbound - Technology West

File Name 029
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	41	288			45	370				
12:15	35	311			36	325				
12:30	26	317			40	368				
12:45	29	312	130	1228	36	340	156	1403	286	2630
1:00	23	331			26	352				
1:15	23	352			21	319				
1:30	33	300			38	410				
1:45	22	317	101	1299	28	346	112	1426	213	2725
2:00	22	264			18	388				
2:15	27	302			21	395				
2:30	44	261			12	536				
2:45	49	316	141	1143	13	365	63	1683	204	2825
3:00	39	254			7	460				
3:15	48	255			12	365				
3:30	70	251			24	480				
3:45	110	274	267	1033	13	408	56	1713	322	2745
4:00	61	258			19	510				
4:15	88	261			21	490				
4:30	193	280			34	499				
4:45	292	256	634	1054	32	466	105	1965	738	3019
5:00	184	267			41	554				
5:15	235	292			50	503				
5:30	305	267			63	466				
5:45	387	278	1111	1102	60	430	214	1953	1324	3055
6:00	300	243			91	420				
6:15	272	228			93	337				
6:30	321	205			108	311				
6:45	400	201	1292	877	128	318	420	1385	1711	2262
7:00	365	182			166	291				
7:15	387	165			209	234				
7:30	441	154			245	196				
7:45	524	149	1717	649	268	207	887	927	2604	1576
8:00	531	135			258	185				
8:15	550	117			257	176				
8:30	531	123			251	189				
8:45	532	110	2143	485	255	151	1020	700	3162	1185
9:00	449	102			179	141				
9:15	423	101			197	150				
9:30	369	87			193	100				
9:45	385	89	1626	379	188	82	756	472	2382	851
10:00	336	79			203	121				
10:15	298	83			193	97				
10:30	265	80			239	96				
10:45	274	71	1172	312	258	79	891	392	2063	704
11:00	268	48			266	94				
11:15	279	43			301	74				
11:30	290	49			322	95				
11:45	285	39	1121	179	357	58	1245	321	2366	500
Totals	11451	9737			5922	14337				
Combined Totals		21188				20259				
ADT										41447
AM Peak Hour	800	AM			1100	AM				
Volume	2143				1245					
P.H.F.	0.975				0.873					
PM Peak Hour		1230	PM			430	PM			
Volume		1311				2021				
P.H.F.		0.931				0.912				
Percentage	54.0%	46.0%			29.2%	70.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Irvine Center Drive - Gateway

File Name 026
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	174			0	136				
12:15	0	159			0	160				
12:30	1	183			0	198				
12:45	0	166	1	682	0	162	0	656	1	1338
1:00	0	184			0	181				
1:15	2	153			2	124				
1:30	8	174			7	157				
1:45	6	150	16	661	1	145	10	607	26	1268
2:00	4	150			3	155				
2:15	6	150			0	146				
2:30	9	137			4	215				
2:45	6	172	25	609	3	136	10	652	35	1261
3:00	6	144			2	152				
3:15	2	160			0	161				
3:30	4	156			8	163				
3:45	8	161	20	621	4	167	14	643	34	1264
4:00	3	174			5	186				
4:15	2	190			6	217				
4:30	28	172			18	203				
4:45	46	192	79	728	19	210	48	816	127	1544
5:00	22	247			26	229				
5:15	40	243			15	214				
5:30	72	222			22	224				
5:45	112	208	246	920	24	169	87	836	333	1756
6:00	68	168			32	203				
6:15	83	170			43	169				
6:30	87	157			63	142				
6:45	103	156	341	651	79	127	217	641	558	1292
7:00	117	122			70	118				
7:15	166	134			102	91				
7:30	174	87			99	101				
7:45	244	93	701	436	154	89	425	399	1126	835
8:00	209	96			162	56				
8:15	201	76			157	68				
8:30	232	71			168	72				
8:45	215	83	857	326	185	46	672	242	1529	568
9:00	180	70			127	67				
9:15	169	53			112	64				
9:30	165	59			115	44				
9:45	181	37	695	219	96	42	450	217	1145	436
10:00	153	56			93	43				
10:15	143	36			94	40				
10:30	134	45			88	25				
10:45	121	35	551	172	103	24	378	132	929	304
11:00	161	21			104	18				
11:15	120	18			103	21				
11:30	149	21			146	36				
11:45	162	15	592	75	116	15	469	90	1061	165
Totals	4124	6100			2780	5931				
Combined Totals		10224				8711				
ADT										18935
AM Peak Hour	745	AM			800	AM				
Volume	886				672					
P.H.F.	0.908				0.908					
PM Peak Hour		500	PM			445	PM			
Volume		920				877				
P.H.F.		0.931				0.957				
Percentage	40.3%	59.7%			31.9%	68.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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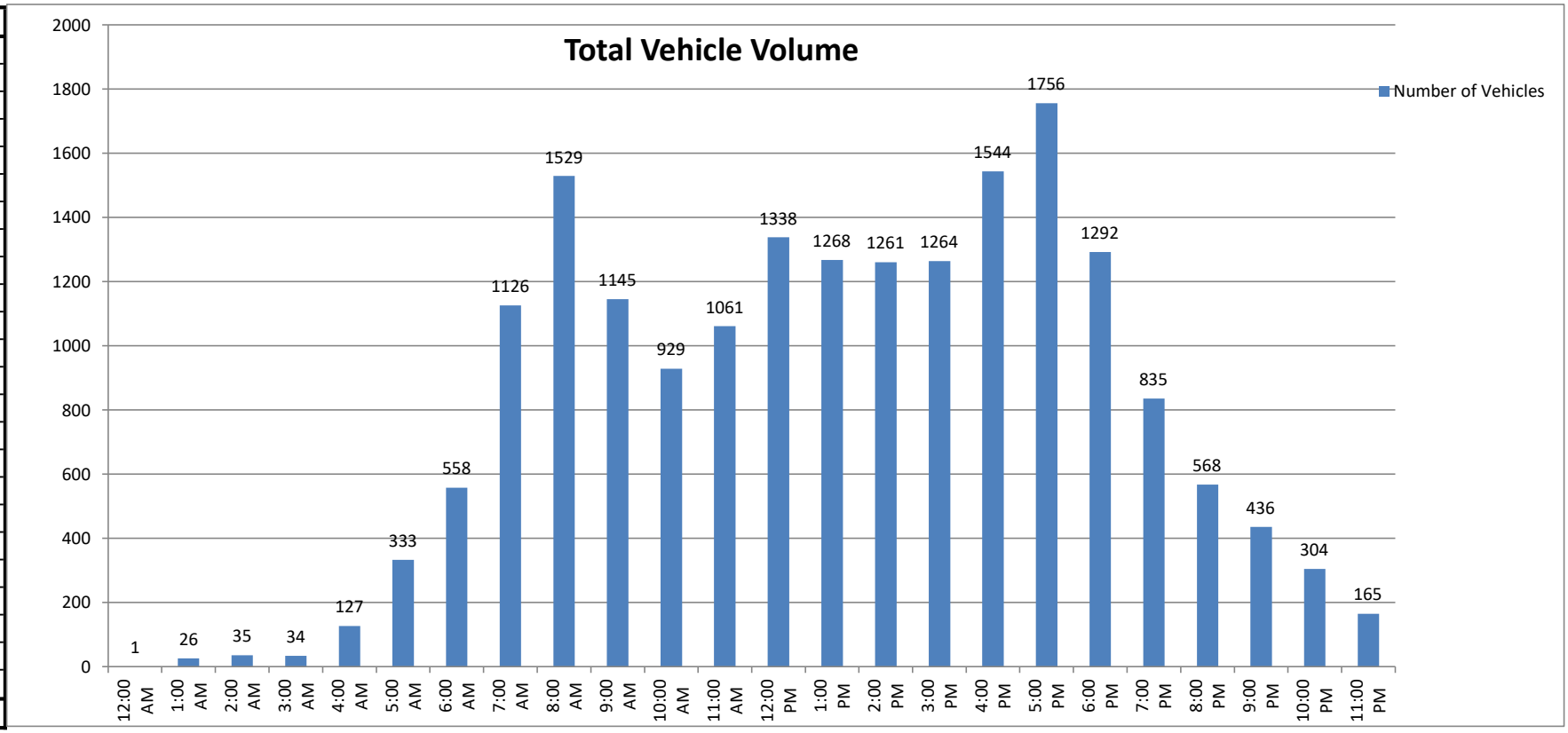
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Irvine Center Drive - Gateway

1/24/2024

Start Time	1/24/2024
12:00 AM	1
1:00 AM	26
2:00 AM	35
3:00 AM	34
4:00 AM	127
5:00 AM	333
6:00 AM	558
7:00 AM	1126
8:00 AM	1529
9:00 AM	1145
10:00 AM	929
11:00 AM	1061
12:00 PM	1338
1:00 PM	1268
2:00 PM	1261
3:00 PM	1264
4:00 PM	1544
5:00 PM	1756
6:00 PM	1292
7:00 PM	835
8:00 PM	568
9:00 PM	436
10:00 PM	304
11:00 PM	165
Total	18935



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Irvine Center Drive - Gateway

File Name 026
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	165			22	142				
12:15	12	173			12	151				
12:30	17	172			7	148				
12:45	17	169	63	679	6	157	47	598	110	1277
1:00	10	164			11	169				
1:15	18	167			4	138				
1:30	8	152			11	159				
1:45	4	187	40	670	5	156	31	622	71	1292
2:00	9	184			3	136				
2:15	3	150			7	129				
2:30	17	171			5	199				
2:45	6	190	35	695	0	150	15	614	50	1309
3:00	9	137			1	188				
3:15	5	154			1	136				
3:30	4	138			6	177				
3:45	5	169	23	598	7	181	15	682	38	1280
4:00	10	153			8	192				
4:15	6	166			12	218				
4:30	14	167			22	196				
4:45	31	159	61	645	22	187	64	793	125	1438
5:00	34	172			15	180				
5:15	36	183			19	222				
5:30	68	192			31	188				
5:45	91	178	229	725	30	172	95	762	324	1487
6:00	75	191			34	171				
6:15	76	166			51	151				
6:30	105	127			56	113				
6:45	105	148	361	632	58	120	199	555	560	1187
7:00	103	142			93	140				
7:15	149	95			112	104				
7:30	182	119			118	79				
7:45	167	105	601	461	136	105	459	428	1060	889
8:00	210	83			178	68				
8:15	228	81			175	81				
8:30	214	87			187	77				
8:45	213	81	865	332	174	69	714	295	1579	627
9:00	206	66			149	58				
9:15	181	46			123	56				
9:30	136	57			127	56				
9:45	159	68	682	237	91	41	490	211	1172	448
10:00	187	51			121	29				
10:15	120	51			91	33				
10:30	126	45			134	30				
10:45	132	38	565	185	98	18	444	110	1009	295
11:00	124	25			129	20				
11:15	124	20			128	12				
11:30	173	15			126	21				
11:45	153	20	574	80	110	10	493	63	1067	143
Totals	4099	5939			3066	5733				
Combined Totals		10038				8799				
ADT										18837
AM Peak Hour	800	AM			800	AM				
Volume	865				714					
P.H.F.	0.948				0.955					
PM Peak Hour		515	PM			400	PM			
Volume		744				793				
P.H.F.		0.969				0.909				
Percentage	40.8%	59.2%			34.8%	65.2%				

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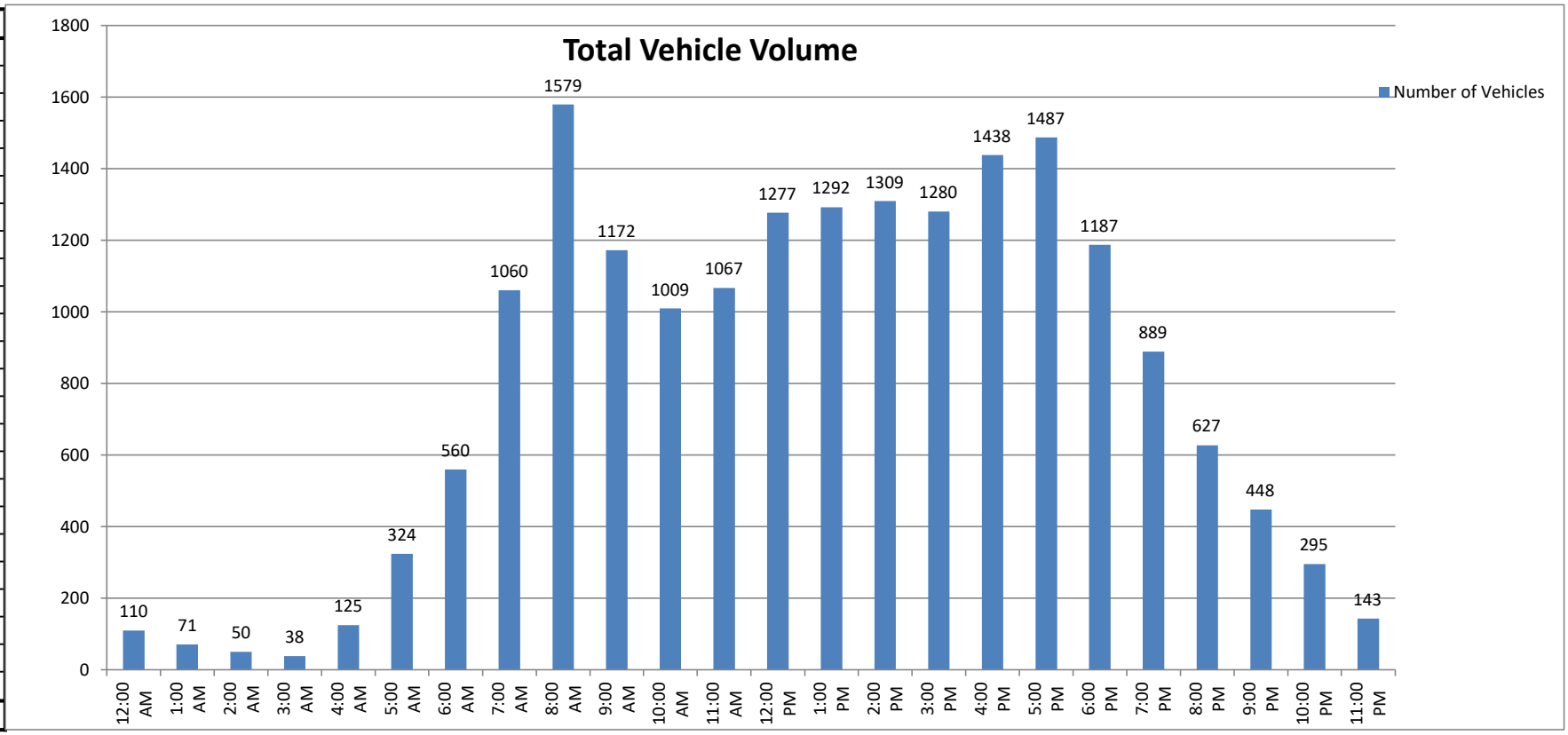
24 Hour Volume Plot

Alton Parkway
B/ Irvine Center Drive - Gateway
1/25/2024

Start Time	1/25/2024
12:00 AM	110
1:00 AM	71
2:00 AM	50
3:00 AM	38
4:00 AM	125
5:00 AM	324
6:00 AM	560
7:00 AM	1060
8:00 AM	1579
9:00 AM	1172
10:00 AM	1009
11:00 AM	1067
12:00 PM	1277
1:00 PM	1292
2:00 PM	1309
3:00 PM	1280
4:00 PM	1438
5:00 PM	1487
6:00 PM	1187
7:00 PM	889
8:00 PM	627
9:00 PM	448
10:00 PM	295
11:00 PM	143
Total	18837



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Irvine Center Drive - Gateway

File Name 026
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	170			11	139				
12:15	6	166			6	156				
12:30	9	178			4	173				
12:45	9	168	32	681	3	160	24	627	56	1308
1:00	5	174			6	175				
1:15	10	160			3	131				
1:30	8	163			9	158				
1:45	5	169	28	666	3	151	21	615	49	1280
2:00	7	167			3	146				
2:15	5	150			4	138				
2:30	13	154			5	207				
2:45	6	181	30	652	2	143	13	633	43	1285
3:00	8	141			2	170				
3:15	4	157			1	149				
3:30	4	147			7	170				
3:45	7	165	22	610	6	174	15	663	36	1272
4:00	7	164			7	189				
4:15	4	178			9	218				
4:30	21	170			20	200				
4:45	39	176	70	687	21	199	56	805	126	1491
5:00	28	210			21	205				
5:15	38	213			17	218				
5:30	70	207			27	206				
5:45	102	193	238	823	27	171	91	799	329	1622
6:00	72	180			33	187				
6:15	80	168			47	160				
6:30	96	142			60	128				
6:45	104	152	351	642	69	124	208	598	559	1240
7:00	110	132			82	129				
7:15	158	115			107	98				
7:30	178	103			109	90				
7:45	206	99	651	449	145	97	442	414	1093	862
8:00	210	90			170	62				
8:15	215	79			166	75				
8:30	223	79			178	75				
8:45	214	82	861	329	180	58	693	269	1554	598
9:00	193	68			138	63				
9:15	175	50			118	60				
9:30	151	58			121	50				
9:45	170	53	689	228	94	42	470	214	1159	442
10:00	170	54			107	36				
10:15	132	44			93	37				
10:30	130	45			111	28				
10:45	127	37	558	179	101	21	411	121	969	300
11:00	143	23			117	19				
11:15	122	19			116	17				
11:30	161	18			136	29				
11:45	158	18	583	78	113	13	481	77	1064	154
Totals	4112	6020			2923	5832				
Combined Totals		10131				8755				
ADT										18886
AM Peak Hour	800 AM				800 AM					
Volume	861				693					
P.H.F.	0.965				0.965					
PM Peak Hour		500 PM				445 PM				
Volume		823				827				
P.H.F.		0.965				0.948				
Percentage	40.6%	59.4%			33.4%	66.6%				

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City of Irvine
Alton Parkway
B/ Irvine Boulevard - Commercentre Drive

File Name 041
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	192			12	153				
12:15	17	196			15	190				
12:30	12	199			15	205				
12:45	12	179	63	766	11	186	53	734	116	1500
1:00	9	164			3	213				
1:15	10	183			10	221				
1:30	5	200			5	201				
1:45	3	216	27	763	9	167	27	802	54	1565
2:00	7	158			3	201				
2:15	6	210			3	169				
2:30	4	188			4	254				
2:45	8	202	25	758	8	209	18	833	43	1591
3:00	13	218			12	220				
3:15	8	242			7	164				
3:30	14	232			12	267				
3:45	31	237	66	929	10	209	41	860	107	1789
4:00	11	259			14	237				
4:15	26	332			16	242				
4:30	64	320			26	259				
4:45	72	324	173	1235	46	213	102	951	275	2186
5:00	44	334			75	320				
5:15	47	409			61	277				
5:30	52	328			72	250				
5:45	101	358	244	1429	79	244	287	1091	531	2520
6:00	84	325			89	205				
6:15	90	310			105	174				
6:30	100	221			148	171				
6:45	136	212	410	1068	185	164	527	714	937	1782
7:00	105	196			219	151				
7:15	116	201			279	117				
7:30	171	142			374	124				
7:45	224	164	616	703	394	91	1266	483	1882	1186
8:00	183	159			361	103				
8:15	204	155			342	108				
8:30	213	134			349	99				
8:45	196	119	796	567	314	76	1366	386	2162	953
9:00	140	146			238	86				
9:15	138	104			229	105				
9:30	148	95			222	55				
9:45	129	73	555	418	192	59	881	305	1436	723
10:00	131	89			171	45				
10:15	127	57			159	60				
10:30	111	60			168	39				
10:45	154	45	523	251	149	29	647	173	1170	424
11:00	155	27			148	31				
11:15	146	30			164	14				
11:30	177	28			157	25				
11:45	179	25	657	110	169	21	638	91	1295	201
Totals	4155	8997			5853	7423				
Combined Totals		13152				13276				
ADT										26428
AM Peak Hour	745	AM			730	AM				
Volume	824				1471					
P.H.F.	0.920				0.933					
PM Peak Hour		500	PM			500	PM			
Volume		1429				1091				
P.H.F.		0.873				0.852				
Percentage	31.6%	68.4%			44.1%	55.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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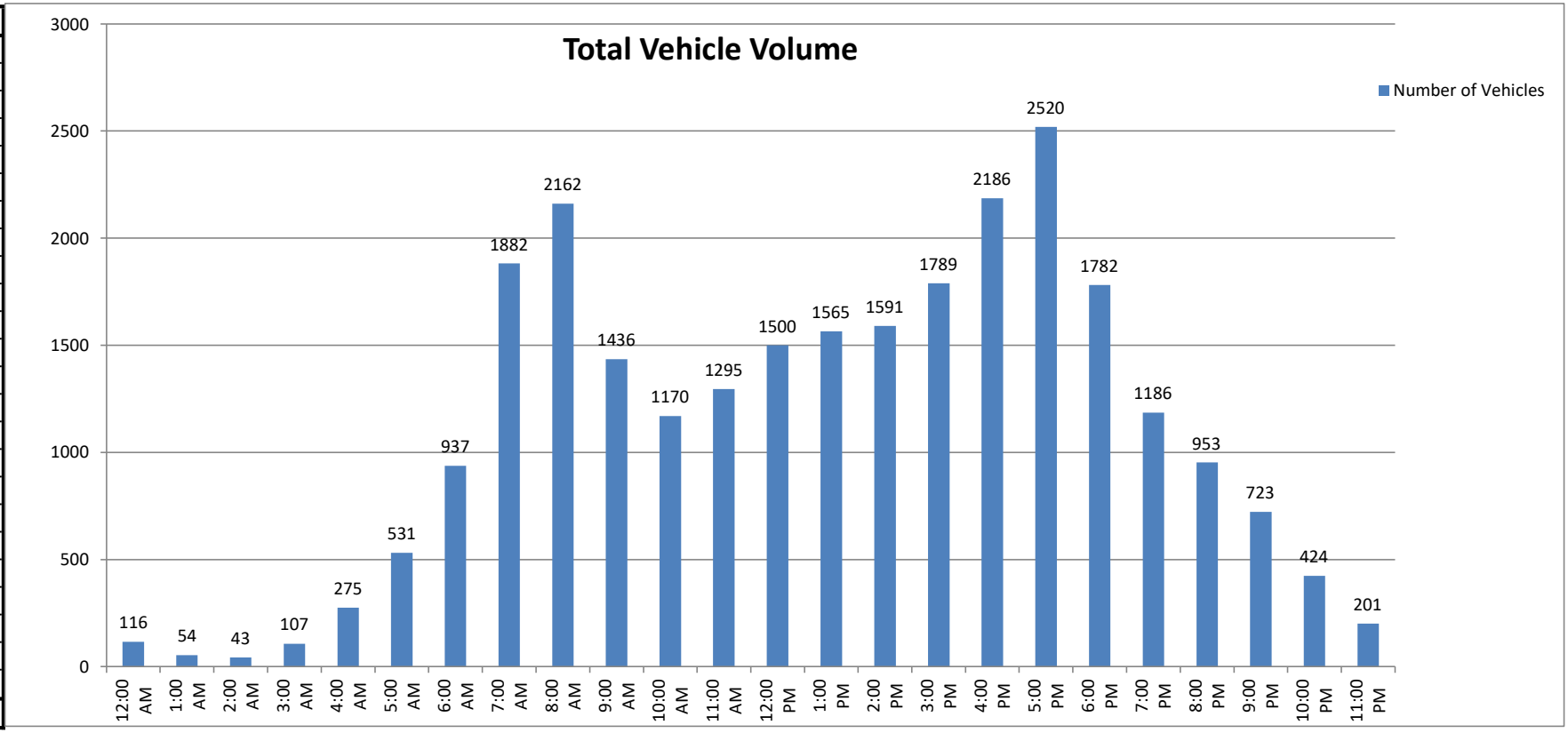
24 Hour Volume Plot

Alton Parkway
B/ Irvine Boulevard - Commercentre Drive
1/24/2024

Start Time	1/24/2024
12:00 AM	116
1:00 AM	54
2:00 AM	43
3:00 AM	107
4:00 AM	275
5:00 AM	531
6:00 AM	937
7:00 AM	1882
8:00 AM	2162
9:00 AM	1436
10:00 AM	1170
11:00 AM	1295
12:00 PM	1500
1:00 PM	1565
2:00 PM	1591
3:00 PM	1789
4:00 PM	2186
5:00 PM	2520
6:00 PM	1782
7:00 PM	1186
8:00 PM	953
9:00 PM	723
10:00 PM	424
11:00 PM	201
Total	26428



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Irvine Boulevard - Commercentre Drive

File Name 041
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	187			9	161				
12:15	22	212			15	192				
12:30	12	186			7	212				
12:45	9	179	52	764	17	171	48	736	100	1500
1:00	8	178			7	178				
1:15	5	188			8	225				
1:30	6	168			8	220				
1:45	6	160	25	694	4	200	27	823	52	1517
2:00	10	161			6	179				
2:15	1	196			8	174				
2:30	8	203			5	247				
2:45	9	205	28	765	10	232	29	832	57	1597
3:00	8	237			11	205				
3:15	12	240			4	201				
3:30	18	254			11	281				
3:45	23	278	61	1009	15	201	41	888	102	1897
4:00	19	272			15	279				
4:15	21	296			20	240				
4:30	63	294			22	274				
4:45	63	322	166	1184	43	211	100	1004	266	2188
5:00	27	355			65	328				
5:15	44	393			65	293				
5:30	67	317			89	235				
5:45	87	340	225	1405	69	206	288	1062	513	2467
6:00	74	257			89	217				
6:15	91	294			110	180				
6:30	105	246			149	180				
6:45	126	231	396	1028	168	163	516	740	912	1768
7:00	100	199			357	145				
7:15	120	199			418	140				
7:30	169	159			538	126				
7:45	204	148	593	705	551	121	1864	532	2457	1237
8:00	153	160			540	105				
8:15	218	123			498	101				
8:30	234	132			338	93				
8:45	175	124	780	539	274	53	1650	352	2430	891
9:00	150	110			258	80				
9:15	137	113			219	90				
9:30	130	102			222	68				
9:45	145	76	562	401	184	62	883	300	1445	701
10:00	134	70			165	61				
10:15	122	64			137	46				
10:30	134	67			181	37				
10:45	128	40	518	241	166	35	649	179	1167	420
11:00	140	20			153	43				
11:15	184	40			154	24				
11:30	188	31			167	29				
11:45	169	26	681	117	173	13	647	109	1328	226
Totals	4087	8852			6742	7557				
Combined Totals		12939				14299				
ADT										27238
AM Peak Hour	745	AM			730	AM				
Volume	809				2127					
P.H.F.	0.864				0.965					
PM Peak Hour		500	PM			430	PM			
Volume		1405				1106				
P.H.F.		0.894				0.843				
Percentage	31.6%	68.4%			47.2%	52.8%				

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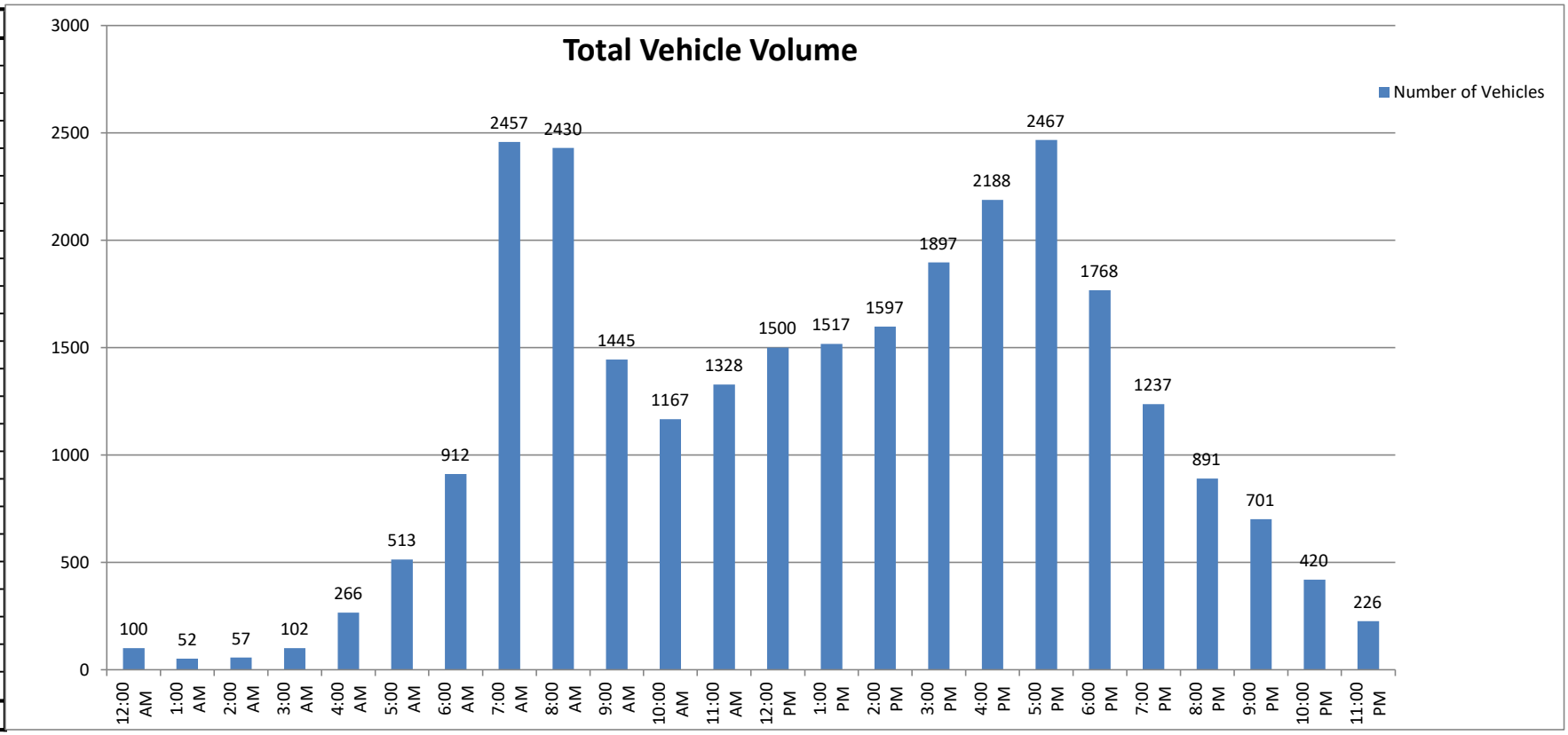
24 Hour Volume Plot

Alton Parkway
B/ Irvine Boulevard - Commercentre Drive
1/25/2024

Start Time	1/25/2024
12:00 AM	100
1:00 AM	52
2:00 AM	57
3:00 AM	102
4:00 AM	266
5:00 AM	513
6:00 AM	912
7:00 AM	2457
8:00 AM	2430
9:00 AM	1445
10:00 AM	1167
11:00 AM	1328
12:00 PM	1500
1:00 PM	1517
2:00 PM	1597
3:00 PM	1897
4:00 PM	2188
5:00 PM	2467
6:00 PM	1768
7:00 PM	1237
8:00 PM	891
9:00 PM	701
10:00 PM	420
11:00 PM	226
Total	27238



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Irvine Boulevard - Commercentre Drive

File Name 041
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	190			11	157				
12:15	20	204			15	191				
12:30	12	193			11	209				
12:45	11	179	58	765	14	179	51	735	108	1500
1:00	9	171			5	196				
1:15	8	186			9	223				
1:30	6	184			7	211				
1:45	5	188	26	729	7	184	27	813	53	1541
2:00	9	160			5	190				
2:15	4	203			6	172				
2:30	6	196			5	251				
2:45	9	204	27	762	9	221	24	833	50	1594
3:00	11	228			12	213				
3:15	10	241			6	183				
3:30	16	243			12	274				
3:45	27	258	64	969	13	205	41	874	105	1843
4:00	15	266			15	258				
4:15	24	314			18	241				
4:30	64	307			24	267				
4:45	68	323	170	1210	45	212	101	978	271	2187
5:00	36	345			70	324				
5:15	46	401			63	285				
5:30	60	323			81	243				
5:45	94	349	235	1417	74	225	288	1077	522	2494
6:00	79	291			89	211				
6:15	91	302			108	177				
6:30	103	234			149	176				
6:45	131	222	403	1048	177	164	522	727	925	1775
7:00	103	198			288	148				
7:15	118	200			349	129				
7:30	170	151			456	125				
7:45	214	156	605	704	473	106	1565	508	2170	1212
8:00	168	160			451	104				
8:15	211	139			420	105				
8:30	224	133			344	96				
8:45	186	122	788	553	294	65	1508	369	2296	922
9:00	145	128			248	83				
9:15	138	109			224	98				
9:30	139	99			222	62				
9:45	137	75	559	410	188	61	882	303	1441	712
10:00	133	80			168	53				
10:15	125	61			148	53				
10:30	123	64			175	38				
10:45	141	43	521	246	158	32	648	176	1169	422
11:00	148	24			151	37				
11:15	165	35			159	19				
11:30	183	30			162	27				
11:45	174	26	669	114	171	17	643	100	1312	214
Totals	4121	8925			6298	7490				
Combined Totals		13046				13788				
ADT										26833
AM Peak Hour	745	AM			730	AM				
Volume	817				1799					
P.H.F.	0.913				0.952					
PM Peak Hour		500	PM			430	PM			
Volume		1417				1088				
P.H.F.		0.883				0.839				
Percentage	31.6%	68.4%			45.7%	54.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Alton Parkway
B/ Jeffrey Road - Royal Oak

File Name 015
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	105			8	159				
12:15	4	126			3	164				
12:30	9	130			11	145				
12:45	11	162	42	523	14	114	36	582	78	1105
1:00	4	128			7	145				
1:15	5	174			7	125				
1:30	4	120			4	149				
1:45	2	160	15	582	7	164	25	583	40	1165
2:00	6	98			2	132				
2:15	5	137			6	163				
2:30	6	166			5	167				
2:45	3	130	20	531	1	159	14	621	34	1152
3:00	3	112			3	167				
3:15	4	156			1	165				
3:30	1	152			4	193				
3:45	2	160	10	580	3	175	11	700	21	1280
4:00	5	133			6	239				
4:15	5	182			5	212				
4:30	12	167			5	257				
4:45	12	172	34	654	7	284	23	992	57	1646
5:00	17	181			14	260				
5:15	8	211			13	281				
5:30	22	202			18	286				
5:45	30	195	77	789	22	230	67	1057	144	1846
6:00	24	200			28	203				
6:15	29	182			22	184				
6:30	47	161			44	156				
6:45	52	134	152	677	70	123	164	666	316	1343
7:00	64	110			93	92				
7:15	75	102			99	92				
7:30	92	93			134	71				
7:45	120	89	351	394	162	73	488	328	839	722
8:00	143	80			294	74				
8:15	203	85			286	65				
8:30	262	68			183	63				
8:45	180	54	788	287	202	38	965	240	1753	527
9:00	140	60			169	58				
9:15	152	55			116	45				
9:30	129	43			109	31				
9:45	105	28	526	186	126	27	520	161	1046	347
10:00	90	45			119	36				
10:15	109	32			96	26				
10:30	107	29			125	19				
10:45	104	22	410	128	117	14	457	95	867	223
11:00	98	22			134	21				
11:15	92	15			150	13				
11:30	106	13			128	10				
11:45	107	20	403	70	140	11	552	55	955	125
Totals	2828	5401			3322	6080				
Combined Totals		8229				9402				
ADT										17631
AM Peak Hour	800	AM			800	AM				
Volume	788				965					
P.H.F.	0.752				0.821					
PM Peak Hour		515	PM			445	PM			
Volume		808				1111				
P.H.F.		0.957				0.971				
Percentage	34.4%	65.6%			35.3%	64.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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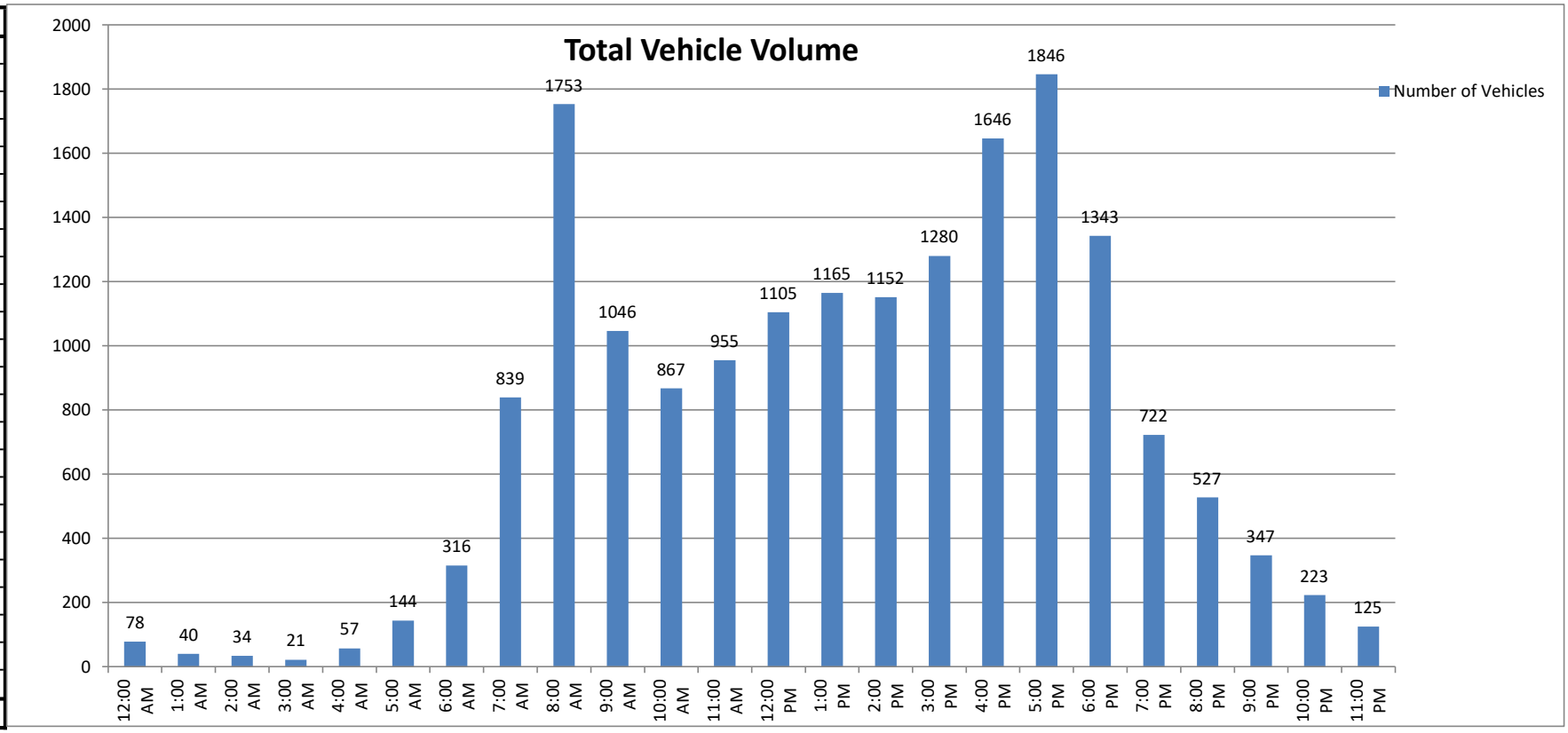
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Jeffrey Road - Royal Oak

1/17/2024

Start Time	1/17/2024
12:00 AM	78
1:00 AM	40
2:00 AM	34
3:00 AM	21
4:00 AM	57
5:00 AM	144
6:00 AM	316
7:00 AM	839
8:00 AM	1753
9:00 AM	1046
10:00 AM	867
11:00 AM	955
12:00 PM	1105
1:00 PM	1165
2:00 PM	1152
3:00 PM	1280
4:00 PM	1646
5:00 PM	1846
6:00 PM	1343
7:00 PM	722
8:00 PM	527
9:00 PM	347
10:00 PM	223
11:00 PM	125
Total	17631



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Jeffrey Road - Royal Oak

File Name 015
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	106			8	155				
12:15	10	106			3	148				
12:30	4	103			7	143				
12:45	4	128	26	443	7	128	25	574	51	1017
1:00	5	122			7	156				
1:15	5	121			11	118				
1:30	3	100			5	125				
1:45	2	133	15	476	5	152	28	551	43	1027
2:00	4	128			3	134				
2:15	0	136			6	146				
2:30	3	131			4	181				
2:45	4	125	11	520	4	167	17	628	28	1148
3:00	5	160			0	206				
3:15	2	155			2	219				
3:30	0	187			2	219				
3:45	4	163	11	665	3	247	7	891	18	1556
4:00	4	181			3	210				
4:15	5	187			7	250				
4:30	15	165			4	240				
4:45	10	187	34	720	8	270	22	970	56	1690
5:00	15	195			16	276				
5:15	14	219			12	275				
5:30	24	236			15	232				
5:45	39	208	92	858	23	225	66	1008	158	1866
6:00	31	187			34	207				
6:15	30	218			20	149				
6:30	43	146			42	140				
6:45	75	121	179	672	79	118	175	614	354	1286
7:00	48	117			78	99				
7:15	83	88			101	93				
7:30	109	109			133	122				
7:45	116	80	356	394	193	67	505	381	861	775
8:00	152	76			270	64				
8:15	148	85			248	56				
8:30	202	65			190	63				
8:45	141	67	643	293	200	50	908	233	1551	526
9:00	132	59			174	42				
9:15	135	46			126	51				
9:30	108	53			116	35				
9:45	111	39	486	197	147	45	563	173	1049	370
10:00	86	50			128	34				
10:15	83	30			122	27				
10:30	72	39			122	31				
10:45	75	24	316	143	110	26	482	118	798	261
11:00	92	27			123	13				
11:15	63	22			109	20				
11:30	105	17			141	12				
11:45	96	8	356	74	152	12	525	57	881	131
Totals	2525	5455			3323	6198				
Combined Totals		7980				9521				
ADT										17501
AM Peak Hour	800 AM				800 AM					
Volume	643				908					
P.H.F.	0.796				0.841					
PM Peak Hour		500 PM				430 PM				
Volume		858				1061				
P.H.F.		0.909				0.961				
Percentage	31.6%	68.4%			34.9%	65.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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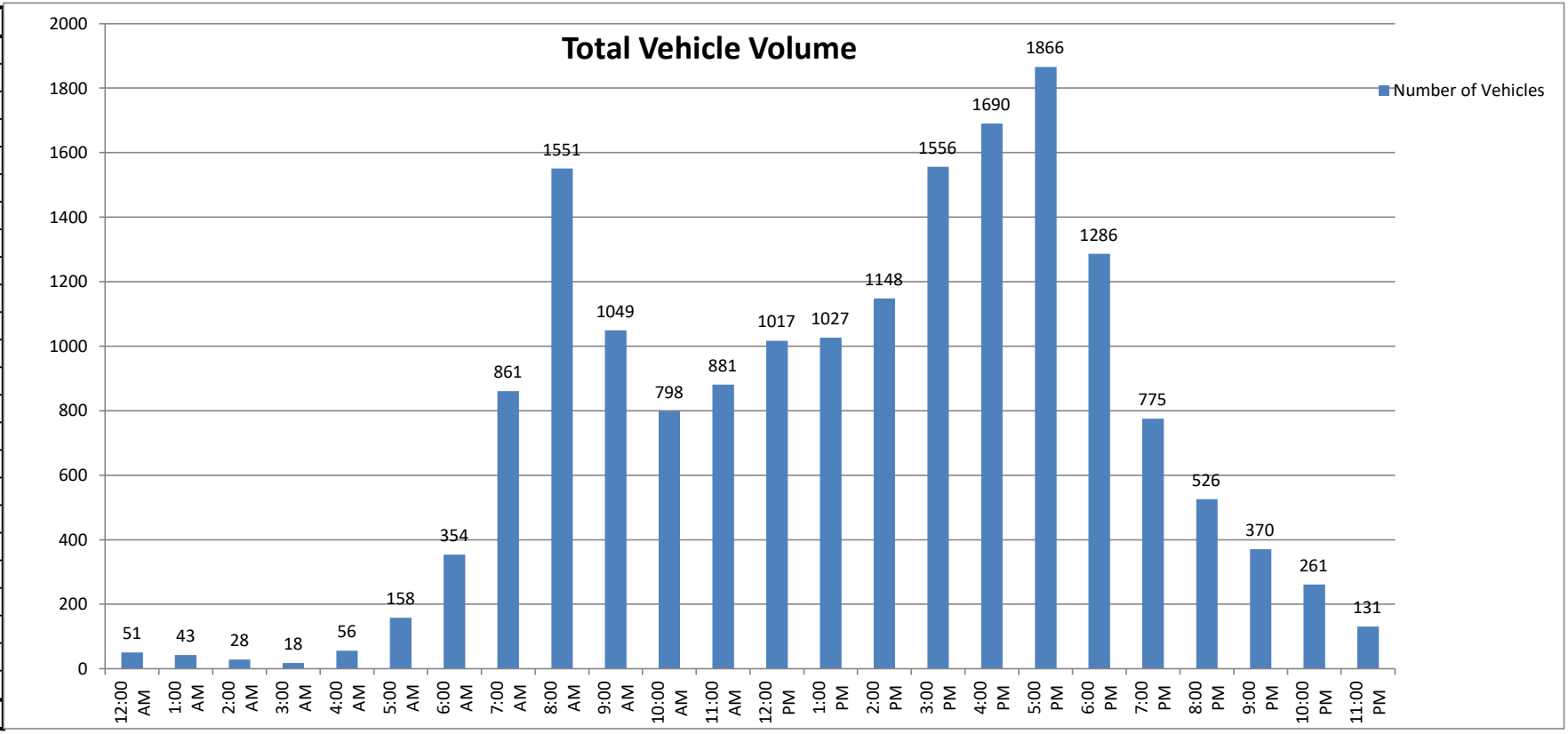
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Jeffrey Road - Royal Oak

1/18/2024

Start Time	1/18/2024
12:00 AM	51
1:00 AM	43
2:00 AM	28
3:00 AM	18
4:00 AM	56
5:00 AM	158
6:00 AM	354
7:00 AM	861
8:00 AM	1551
9:00 AM	1049
10:00 AM	798
11:00 AM	881
12:00 PM	1017
1:00 PM	1027
2:00 PM	1148
3:00 PM	1556
4:00 PM	1690
5:00 PM	1866
6:00 PM	1286
7:00 PM	775
8:00 PM	526
9:00 PM	370
10:00 PM	261
11:00 PM	131
Total	17501



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Jeffrey Road - Royal Oak

File Name 015
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	106			8	157				
12:15	7	116			3	156				
12:30	7	117			9	144				
12:45	8	145	34	483	11	121	31	578	65	1061
1:00	5	125			7	151				
1:15	5	148			9	122				
1:30	4	110			5	137				
1:45	2	147	15	529	6	158	27	567	42	1096
2:00	5	113			3	133				
2:15	3	137			6	155				
2:30	5	149			5	174				
2:45	4	128	16	526	3	163	16	625	31	1150
3:00	4	136			2	187				
3:15	3	156			2	192				
3:30	1	170			3	206				
3:45	3	162	11	623	3	211	9	796	20	1418
4:00	5	157			5	225				
4:15	5	185			6	231				
4:30	14	166			5	249				
4:45	11	180	34	687	8	277	23	981	57	1668
5:00	16	188			15	268				
5:15	11	215			13	278				
5:30	23	219			17	259				
5:45	35	202	85	824	23	228	67	1033	151	1856
6:00	28	194			31	205				
6:15	30	200			21	167				
6:30	45	154			43	148				
6:45	64	128	166	675	75	121	170	640	335	1315
7:00	56	114			86	96				
7:15	79	95			100	93				
7:30	101	101			134	97				
7:45	118	85	354	394	178	70	497	355	850	749
8:00	148	78			282	69				
8:15	176	85			267	61				
8:30	232	67			187	63				
8:45	161	61	716	290	201	44	937	237	1652	527
9:00	136	60			172	50				
9:15	144	51			121	48				
9:30	119	48			113	33				
9:45	108	34	506	192	137	36	542	167	1048	359
10:00	88	48			124	35				
10:15	96	31			109	27				
10:30	90	34			124	25				
10:45	90	23	363	136	114	20	470	107	833	242
11:00	95	25			129	17				
11:15	78	19			130	17				
11:30	106	15			135	11				
11:45	102	14	380	72	146	12	539	56	918	128
Totals	2677	5428			3323	6139				
Combined Totals		8105				9462				
ADT										17566
AM Peak Hour	800 AM				800 AM					
Volume	716				937					
P.H.F.	0.771				0.830					
PM Peak Hour		515 PM				445 PM				
Volume		829				1082				
P.H.F.		0.946				0.973				
Percentage	33.0%	67.0%			35.1%	64.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Jenner - Telemetry

File Name 021
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	102			6	90				
12:15	6	71			12	83				
12:30	11	94			32	137				
12:45	13	85	42	352	3	95	53	405	95	757
1:00	6	101			7	150				
1:15	7	90			5	131				
1:30	6	165			2	104				
1:45	3	103	22	459	5	99	19	484	41	943
2:00	6	100			4	76				
2:15	2	100			4	99				
2:30	5	123			1	148				
2:45	5	119	18	442	2	114	11	437	29	879
3:00	2	124			3	118				
3:15	2	136			1	70				
3:30	3	157			3	76				
3:45	4	123	11	540	6	111	13	375	24	915
4:00	5	136			5	112				
4:15	14	117			6	123				
4:30	43	139			15	147				
4:45	63	169	125	561	33	144	59	526	184	1087
5:00	13	206			30	191				
5:15	11	165			27	199				
5:30	16	165			33	178				
5:45	20	170	60	706	41	175	131	743	191	1449
6:00	23	158			40	125				
6:15	24	151			53	116				
6:30	25	98			58	75				
6:45	35	95	107	502	92	86	243	402	350	904
7:00	53	85			65	54				
7:15	44	69			108	45				
7:30	79	78			144	43				
7:45	74	47	250	279	271	41	588	183	838	462
8:00	92	64			290	32				
8:15	117	42			264	31				
8:30	103	48			269	26				
8:45	126	32	438	186	251	21	1074	110	1512	296
9:00	79	54			164	41				
9:15	78	28			154	25				
9:30	98	26			118	19				
9:45	92	16	347	124	133	25	569	110	916	234
10:00	91	37			111	18				
10:15	51	31			81	21				
10:30	79	33			94	17				
10:45	67	17	288	118	81	17	367	73	655	191
11:00	82	21			68	18				
11:15	73	18			68	14				
11:30	80	29			64	14				
11:45	94	14	329	82	64	10	264	56	593	138
Totals	2037	4351			3391	3904				
Combined Totals		6388				7295				
ADT										13683
AM Peak Hour	800	AM			745	AM				
Volume	438				1094					
P.H.F.	0.869				0.943					
PM Peak Hour		500	PM			500	PM			
Volume		706				743				
P.H.F.		0.857				0.933				
Percentage	31.9%	68.1%			46.5%	53.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

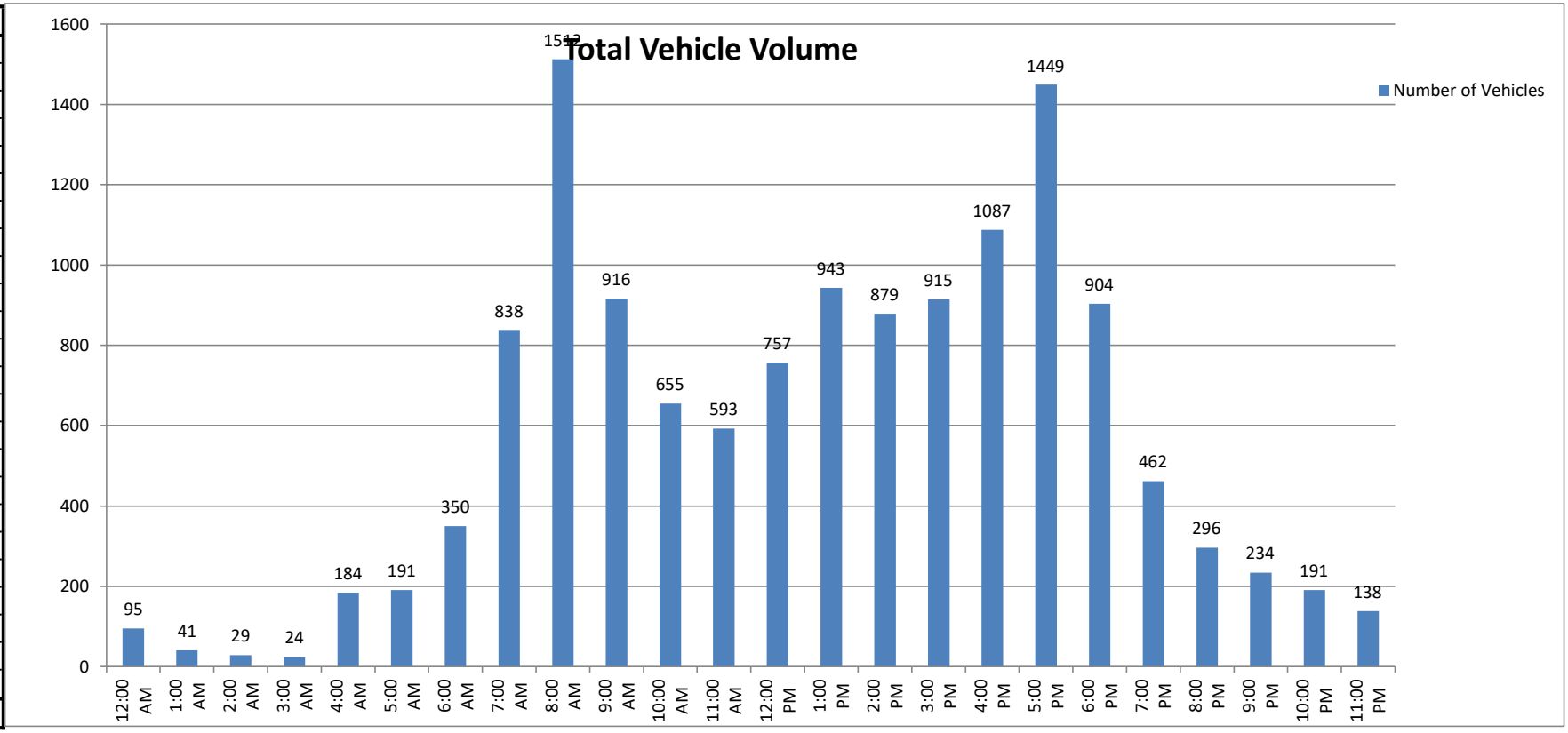
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Jenner - Telemetry

1/24/2024

Start Time	1/24/2024
12:00 AM	95
1:00 AM	41
2:00 AM	29
3:00 AM	24
4:00 AM	184
5:00 AM	191
6:00 AM	350
7:00 AM	838
8:00 AM	1512
9:00 AM	916
10:00 AM	655
11:00 AM	593
12:00 PM	757
1:00 PM	943
2:00 PM	879
3:00 PM	915
4:00 PM	1087
5:00 PM	1449
6:00 PM	904
7:00 PM	462
8:00 PM	296
9:00 PM	234
10:00 PM	191
11:00 PM	138
Total	13683



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Jenner - Telemetry

File Name 021
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	102			8	85				
12:15	8	103			16	91				
12:30	8	98			28	70				
12:45	7	92	32	395	10	89	62	335	94	730
1:00	6	88			2	88				
1:15	9	80			6	87				
1:30	6	98			6	93				
1:45	6	101	27	367	4	105	18	373	45	740
2:00	4	100			4	115				
2:15	0	98			4	107				
2:30	10	142			1	150				
2:45	3	140	17	480	3	97	12	469	29	949
3:00	4	124			1	98				
3:15	0	139			2	99				
3:30	6	148			7	96				
3:45	2	114	12	525	8	118	18	411	30	936
4:00	10	109			7	127				
4:15	15	122			10	164				
4:30	42	143			16	178				
4:45	53	152	120	526	33	193	66	662	186	1188
5:00	18	137			26	168				
5:15	12	153			26	178				
5:30	20	175			40	143				
5:45	22	176	72	641	40	144	132	633	204	1274
6:00	19	179			38	89				
6:15	21	164			59	106				
6:30	33	82			61	83				
6:45	35	81	108	506	95	50	253	328	361	834
7:00	36	88			81	60				
7:15	44	58			104	49				
7:30	79	57			138	45				
7:45	58	70	217	273	215	42	538	196	755	469
8:00	99	49			254	34				
8:15	117	35			267	35				
8:30	113	60			252	36				
8:45	106	42	435	186	224	28	997	133	1432	319
9:00	107	25			194	25				
9:15	77	21			176	23				
9:30	87	24			135	23				
9:45	81	31	352	101	126	19	631	90	983	191
10:00	92	43			105	23				
10:15	75	29			69	22				
10:30	73	22			80	16				
10:45	93	17	333	111	71	18	325	79	658	190
11:00	74	13			85	9				
11:15	82	14			69	9				
11:30	80	22			69	7				
11:45	85	13	321	62	91	4	314	29	635	91
Totals	2046	4173			3366	3738				
Combined Totals		6219				7104				
ADT										13323
AM Peak Hour	815	AM			800	AM				
Volume	443				997					
P.H.F.	0.947				0.934					
PM Peak Hour		530	PM			430	PM			
Volume		694				717				
P.H.F.		0.969				0.929				
Percentage	32.9%	67.1%			47.4%	52.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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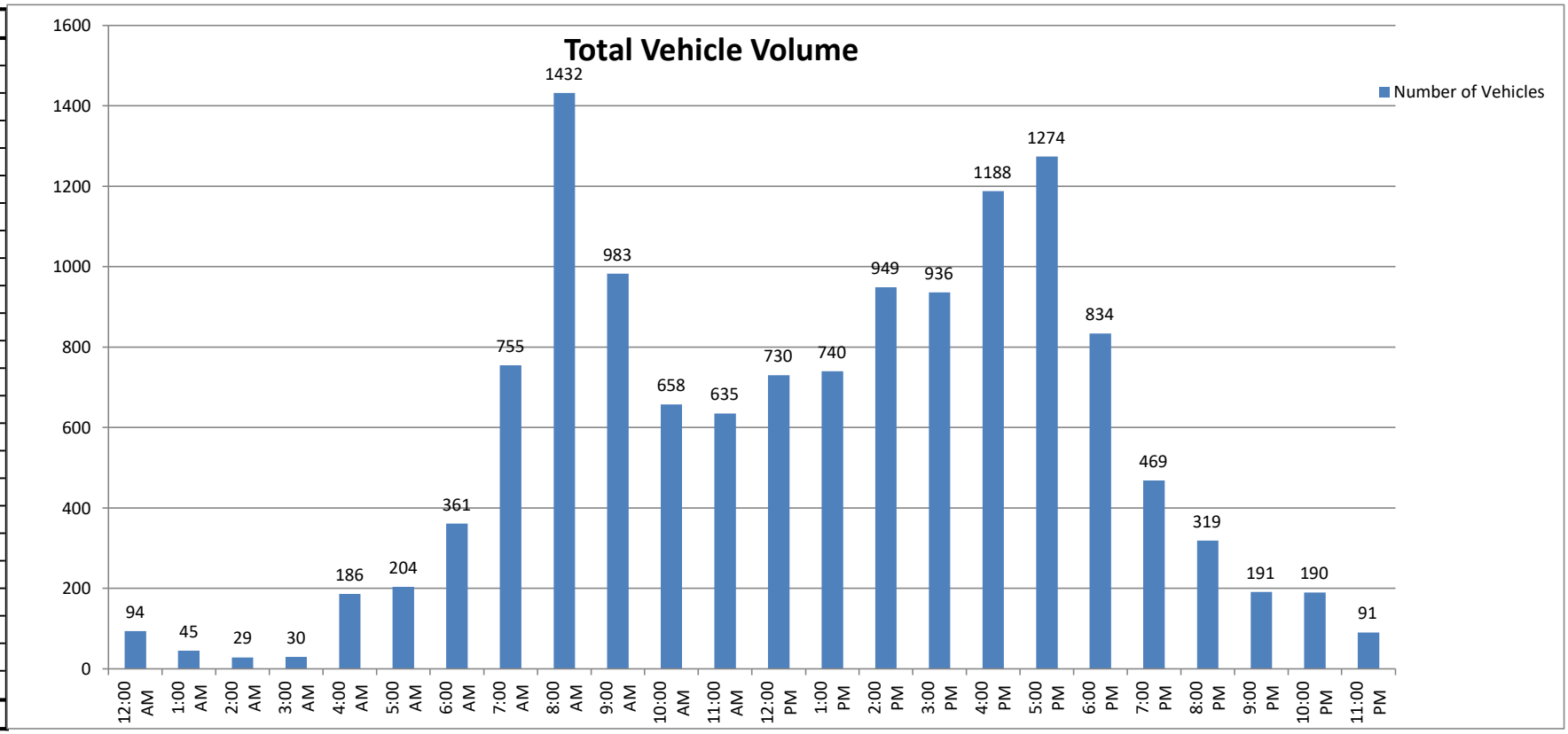
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Jenner - Telemetry

1/25/2024

Start Time	1/25/2024
12:00 AM	94
1:00 AM	45
2:00 AM	29
3:00 AM	30
4:00 AM	186
5:00 AM	204
6:00 AM	361
7:00 AM	755
8:00 AM	1432
9:00 AM	983
10:00 AM	658
11:00 AM	635
12:00 PM	730
1:00 PM	740
2:00 PM	949
3:00 PM	936
4:00 PM	1188
5:00 PM	1274
6:00 PM	834
7:00 PM	469
8:00 PM	319
9:00 PM	191
10:00 PM	190
11:00 PM	91
Total	13323



Volumes represent the combined totals for both directions

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City of Irvine
Alton Parkway
B/ Jenner - Telemetry

File Name 021
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	102			7	88				
12:15	7	87			14	87				
12:30	10	96			30	104				
12:45	10	89	37	374	7	92	58	370	95	744
1:00	6	95			5	119				
1:15	8	85			6	109				
1:30	6	132			4	99				
1:45	5	102	25	413	5	102	19	429	43	842
2:00	5	100			4	96				
2:15	1	99			4	103				
2:30	8	133			1	149				
2:45	4	130	18	461	3	106	12	453	29	914
3:00	3	124			2	108				
3:15	1	138			2	85				
3:30	5	153			5	86				
3:45	3	119	12	533	7	115	16	393	27	926
4:00	8	123			6	120				
4:15	15	120			8	144				
4:30	43	141			16	163				
4:45	58	161	123	544	33	169	63	594	185	1138
5:00	16	172			28	180				
5:15	12	159			27	189				
5:30	18	170			37	161				
5:45	21	173	66	674	41	160	132	688	198	1362
6:00	21	169			39	107				
6:15	23	158			56	111				
6:30	29	90			60	79				
6:45	35	88	108	504	94	68	248	365	356	869
7:00	45	87			73	57				
7:15	44	64			106	47				
7:30	79	68			141	44				
7:45	66	59	234	276	243	42	563	190	797	466
8:00	96	57			272	33				
8:15	117	39			266	33				
8:30	108	54			261	31				
8:45	116	37	437	186	238	25	1036	122	1472	308
9:00	93	40			179	33				
9:15	78	25			165	24				
9:30	93	25			127	21				
9:45	87	24	350	113	130	22	600	100	950	213
10:00	92	40			108	21				
10:15	63	30			75	22				
10:30	76	28			87	17				
10:45	80	17	311	115	76	18	346	76	657	191
11:00	78	17			77	14				
11:15	78	16			69	12				
11:30	80	26			67	11				
11:45	90	14	325	72	78	7	289	43	614	115
Totals	2042	4262			3379	3821				
Combined Totals		6304				7200				
ADT										13503
AM Peak Hour	800	AM			745	AM				
Volume	437				1041					
P.H.F.	0.933				0.957					
PM Peak Hour		500	PM			430	PM			
Volume		674				699				
P.H.F.		0.973				0.927				
Percentage	32.4%	67.6%			46.9%	53.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Jeronimo Road - Hughes

File Name 034
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	255			45	205				
12:15	27	204			29	215				
12:30	17	238			24	220				
12:45	21	242	95	939	20	163	118	803	213	1742
1:00	24	240			16	227				
1:15	29	206			15	225				
1:30	28	234			27	280				
1:45	33	225	114	905	14	237	72	969	186	1874
2:00	35	214			11	235				
2:15	20	256			13	214				
2:30	38	220			10	294				
2:45	58	219	151	909	8	210	42	953	193	1862
3:00	44	257			9	236				
3:15	42	245			6	185				
3:30	49	230			23	257				
3:45	85	251	220	983	14	201	52	879	272	1862
4:00	31	292			23	249				
4:15	57	283			15	194				
4:30	132	316			28	255				
4:45	181	354	401	1245	40	264	106	962	507	2207
5:00	99	359			66	301				
5:15	118	442			61	270				
5:30	152	339			62	225				
5:45	165	359	534	1499	72	192	261	988	795	2487
6:00	182	308			76	174				
6:15	164	258			92	153				
6:30	194	266			131	162				
6:45	148	223	688	1055	182	135	481	624	1169	1679
7:00	204	227			189	102				
7:15	171	204			249	113				
7:30	231	147			329	109				
7:45	255	159	861	737	409	79	1176	403	2037	1140
8:00	253	134			368	67				
8:15	279	137			349	77				
8:30	246	130			328	80				
8:45	227	107	1005	508	355	71	1400	295	2405	803
9:00	181	117			251	63				
9:15	162	97			242	104				
9:30	200	81			231	61				
9:45	143	95	686	390	213	58	937	286	1623	676
10:00	152	88			176	52				
10:15	138	75			196	54				
10:30	142	79			187	60				
10:45	197	70	629	312	179	43	738	209	1367	521
11:00	187	61			220	60				
11:15	175	46			170	31				
11:30	207	40			210	33				
11:45	219	39	788	186	227	36	827	160	1615	346
Totals	6172	9668			6210	7531				
Combined Totals		15840				13741				
ADT										29581
AM Peak Hour	745	AM			730	AM				
Volume	1033				1455					
P.H.F.	0.926				0.889					
PM Peak Hour		500	PM			430	PM			
Volume		1499				1090				
P.H.F.		0.848				0.905				
Percentage	39.0%	61.0%			45.2%	54.8%				

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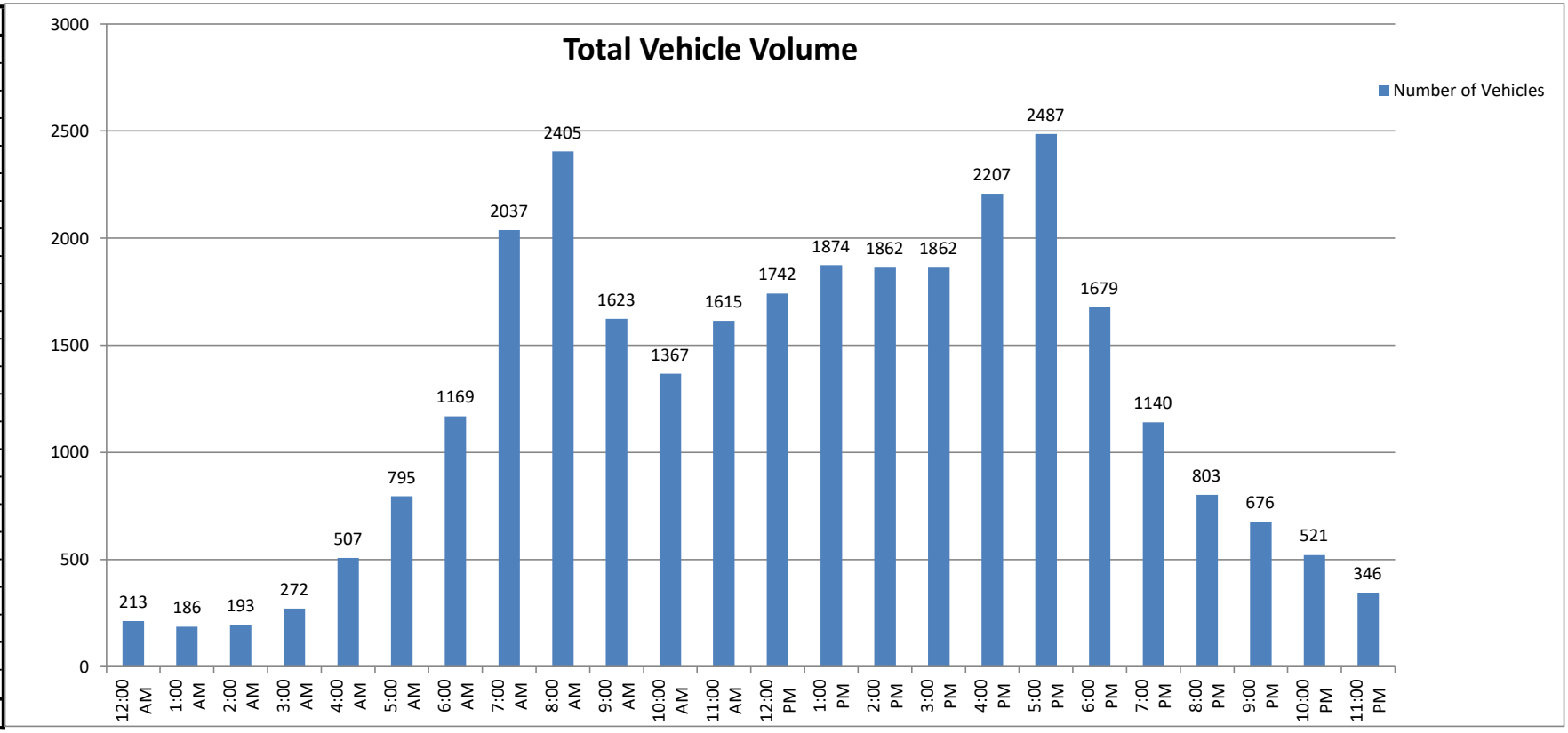
24 Hour Volume Plot

Alton Parkway
B/ Jeronimo Road - Hughes

1/24/2024

Start Time	1/24/2024
12:00 AM	213
1:00 AM	186
2:00 AM	193
3:00 AM	272
4:00 AM	507
5:00 AM	795
6:00 AM	1169
7:00 AM	2037
8:00 AM	2405
9:00 AM	1623
10:00 AM	1367
11:00 AM	1615
12:00 PM	1742
1:00 PM	1874
2:00 PM	1862
3:00 PM	1862
4:00 PM	2207
5:00 PM	2487
6:00 PM	1679
7:00 PM	1140
8:00 PM	803
9:00 PM	676
10:00 PM	521
11:00 PM	346
Total	29581



Volumes represent the combined totals for both directions

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City of Irvine
Alton Parkway
B/ Jeronimo Road - Hughes

File Name 034
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	234			35	207				
12:15	41	242			26	175				
12:30	27	241			19	208				
12:45	32	257	132	974	25	204	105	794	237	1768
1:00	14	263			16	188				
1:15	20	268			10	209				
1:30	35	235			25	268				
1:45	32	214	101	980	20	243	71	908	172	1888
2:00	27	233			16	247				
2:15	25	228			20	231				
2:30	45	230			9	303				
2:45	68	264	165	955	8	250	53	1031	218	1986
3:00	40	262			7	248				
3:15	43	248			10	195				
3:30	45	280			21	254				
3:45	86	315	214	1105	17	203	55	900	269	2005
4:00	43	267			24	253				
4:15	49	334			27	252				
4:30	124	315			24	253				
4:45	177	316	393	1232	33	218	108	976	501	2208
5:00	98	376			55	303				
5:15	90	394			58	251				
5:30	180	317			58	283				
5:45	169	327	537	1414	77	192	248	1029	785	2443
6:00	197	313			84	157				
6:15	187	274			97	181				
6:30	195	211			132	144				
6:45	230	245	809	1043	172	107	485	589	1294	1632
7:00	166	204			244	122				
7:15	191	158			292	110				
7:30	196	160			392	80				
7:45	254	156	807	678	393	81	1321	393	2128	1071
8:00	218	146			433	94				
8:15	320	142			432	73				
8:30	247	118			389	91				
8:45	255	116	1040	522	334	46	1588	304	2628	826
9:00	196	78			250	99				
9:15	180	104			264	74				
9:30	199	87			221	76				
9:45	168	113	743	382	209	47	944	296	1687	678
10:00	201	64			212	78				
10:15	178	72			176	46				
10:30	183	91			202	50				
10:45	168	65	730	292	185	38	775	212	1505	504
11:00	197	44			178	45				
11:15	196	33			184	45				
11:30	213	48			228	34				
11:45	226	36	832	161	211	27	801	151	1633	312
Totals	6503	9738			6554	7583				
Combined Totals		16241				14137				
ADT										30378
AM Peak Hour	800	AM			730	AM				
Volume	1040				1650					
P.H.F.	0.813				0.953					
PM Peak Hour		500	PM			445	PM			
Volume		1414				1055				
P.H.F.		0.897				0.870				
Percentage	40.0%	60.0%			46.4%	53.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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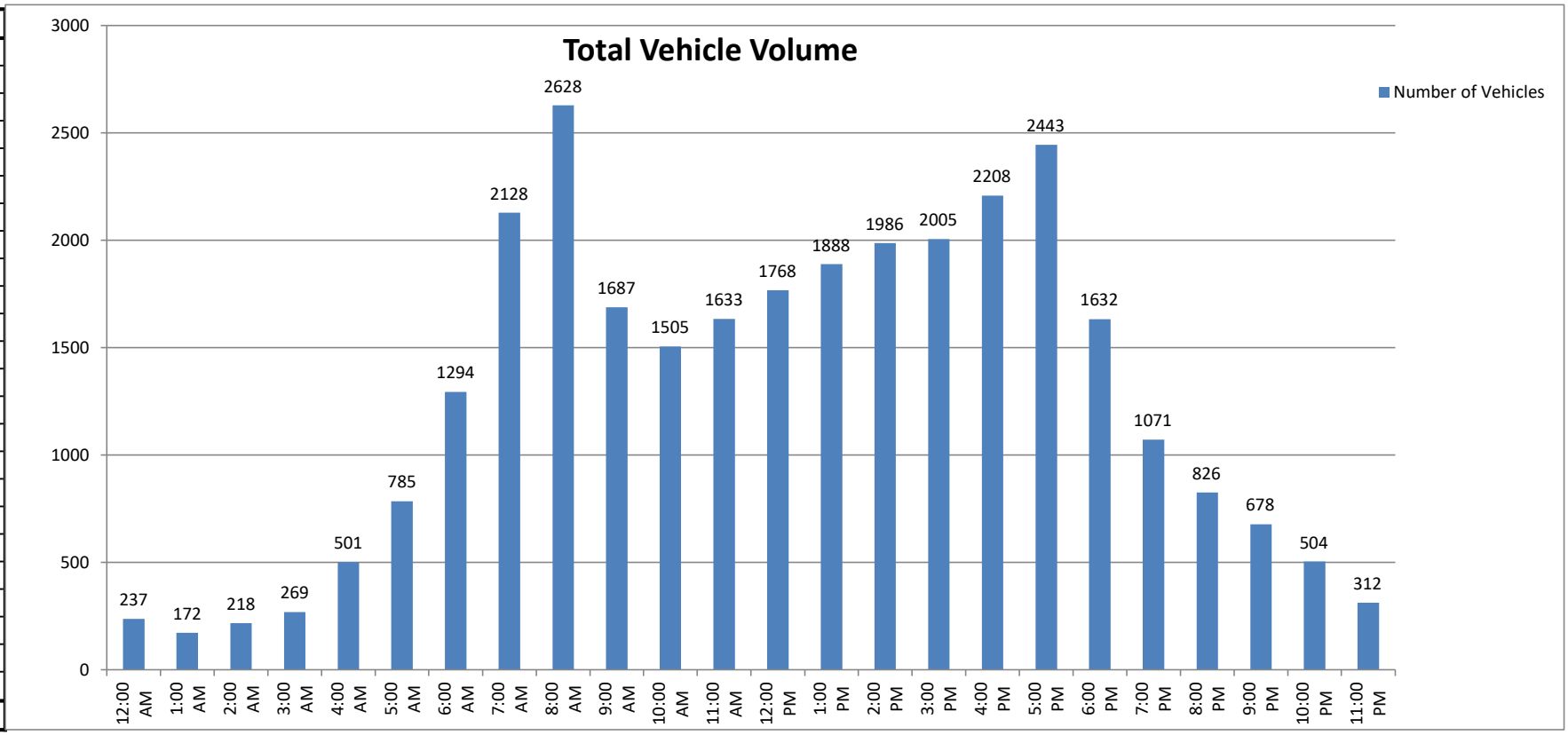
24 Hour Volume Plot

Alton Parkway
B/ Jeronimo Road - Hughes

1/25/2024

Start Time	1/25/2024
12:00 AM	237
1:00 AM	172
2:00 AM	218
3:00 AM	269
4:00 AM	501
5:00 AM	785
6:00 AM	1294
7:00 AM	2128
8:00 AM	2628
9:00 AM	1687
10:00 AM	1505
11:00 AM	1633
12:00 PM	1768
1:00 PM	1888
2:00 PM	1986
3:00 PM	2005
4:00 PM	2208
5:00 PM	2443
6:00 PM	1632
7:00 PM	1071
8:00 PM	826
9:00 PM	678
10:00 PM	504
11:00 PM	312
Total	30378



Volumes represent the combined totals for both directions

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City of Irvine
Alton Parkway
B/ Jeronimo Road - Hughes

File Name 034
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	31	245			40	206				
12:15	34	223			28	195				
12:30	22	240			22	214				
12:45	27	250	114	957	23	184	112	799	225	1755
1:00	19	252			16	208				
1:15	25	237			13	217				
1:30	32	235			26	274				
1:45	33	220	108	943	17	240	72	939	179	1881
2:00	31	224			14	241				
2:15	23	242			17	223				
2:30	42	225			10	299				
2:45	63	242	158	932	8	230	48	992	206	1924
3:00	42	260			8	242				
3:15	43	247			8	190				
3:30	47	255			22	256				
3:45	86	283	217	1044	16	202	54	890	271	1934
4:00	37	280			24	251				
4:15	53	309			21	223				
4:30	128	316			26	254				
4:45	179	335	397	1239	37	241	107	969	504	2208
5:00	99	368			61	302				
5:15	104	418			60	261				
5:30	166	328			60	254				
5:45	167	343	536	1457	75	192	255	1009	790	2465
6:00	190	311			80	166				
6:15	176	266			95	167				
6:30	195	239			132	153				
6:45	189	234	749	1049	177	121	483	607	1232	1656
7:00	185	216			217	112				
7:15	181	181			271	112				
7:30	214	154			361	95				
7:45	255	158	834	708	401	80	1249	398	2083	1106
8:00	236	140			401	81				
8:15	300	140			391	75				
8:30	247	124			359	86				
8:45	241	112	1023	515	345	59	1494	300	2517	815
9:00	189	98			251	81				
9:15	171	101			253	89				
9:30	200	84			226	69				
9:45	156	104	715	386	211	53	941	291	1655	677
10:00	177	76			194	65				
10:15	158	74			186	50				
10:30	163	85			195	55				
10:45	183	68	680	302	182	41	757	211	1436	513
11:00	192	53			199	53				
11:15	186	40			177	38				
11:30	210	44			219	34				
11:45	223	38	810	174	219	32	814	156	1624	329
Totals	6338	9703			6382	7557				
Combined Totals		16041				13939				
ADT										29980
AM Peak Hour	745	AM			730	AM				
Volume	1036				1553					
P.H.F.	0.865				0.968					
PM Peak Hour		500	PM			445	PM			
Volume		1457				1058				
P.H.F.		0.871				0.875				
Percentage	39.5%	60.5%			45.8%	54.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Laguna Canyon Road - Jenner

File Name 020
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	89			5	91				
12:15	29	80			10	77				
12:30	18	86			34	91				
12:45	13	88	72	343	3	83	52	342	124	685
1:00	7	93			7	126				
1:15	7	96			6	106				
1:30	7	142			2	93				
1:45	3	107	24	438	6	89	21	414	45	852
2:00	7	87			3	77				
2:15	2	93			5	93				
2:30	5	121			1	151				
2:45	5	108	19	409	5	113	14	434	33	843
3:00	3	126			3	118				
3:15	3	128			1	71				
3:30	4	128			2	84				
3:45	4	109	14	491	3	114	9	387	23	878
4:00	6	112			5	128				
4:15	18	104			5	123				
4:30	48	123			10	157				
4:45	67	147	139	486	12	146	32	554	171	1040
5:00	19	181			20	208				
5:15	11	144			21	203				
5:30	18	152			27	196				
5:45	27	136	75	613	28	183	96	790	171	1403
6:00	31	140			24	137				
6:15	27	125			43	136				
6:30	28	90			50	82				
6:45	53	87	139	442	54	87	171	442	310	884
7:00	68	73			60	62				
7:15	71	59			92	44				
7:30	77	74			125	45				
7:45	99	41	315	247	240	46	517	197	832	444
8:00	112	59			261	33				
8:15	124	42			208	35				
8:30	133	42			230	27				
8:45	138	30	507	173	192	20	891	115	1398	288
9:00	105	53			140	42				
9:15	133	27			118	24				
9:30	128	28			80	21				
9:45	96	14	462	122	94	22	432	109	894	231
10:00	95	28			86	18				
10:15	61	23			66	19				
10:30	76	21			81	15				
10:45	71	12	303	84	79	18	312	70	615	154
11:00	83	14			65	18				
11:15	73	16			65	15				
11:30	86	30			67	14				
11:45	89	17	331	77	76	12	273	59	604	136
Totals	2400	3925			2820	3913				
Combined Totals		6325				6733				
ADT										13058
AM Peak Hour	830	AM			745	AM				
Volume	509				939					
P.H.F.	0.922				0.899					
PM Peak Hour		445	PM			500	PM			
Volume		624				790				
P.H.F.		0.862				0.950				
Percentage	37.9%	62.1%			41.9%	58.1%				

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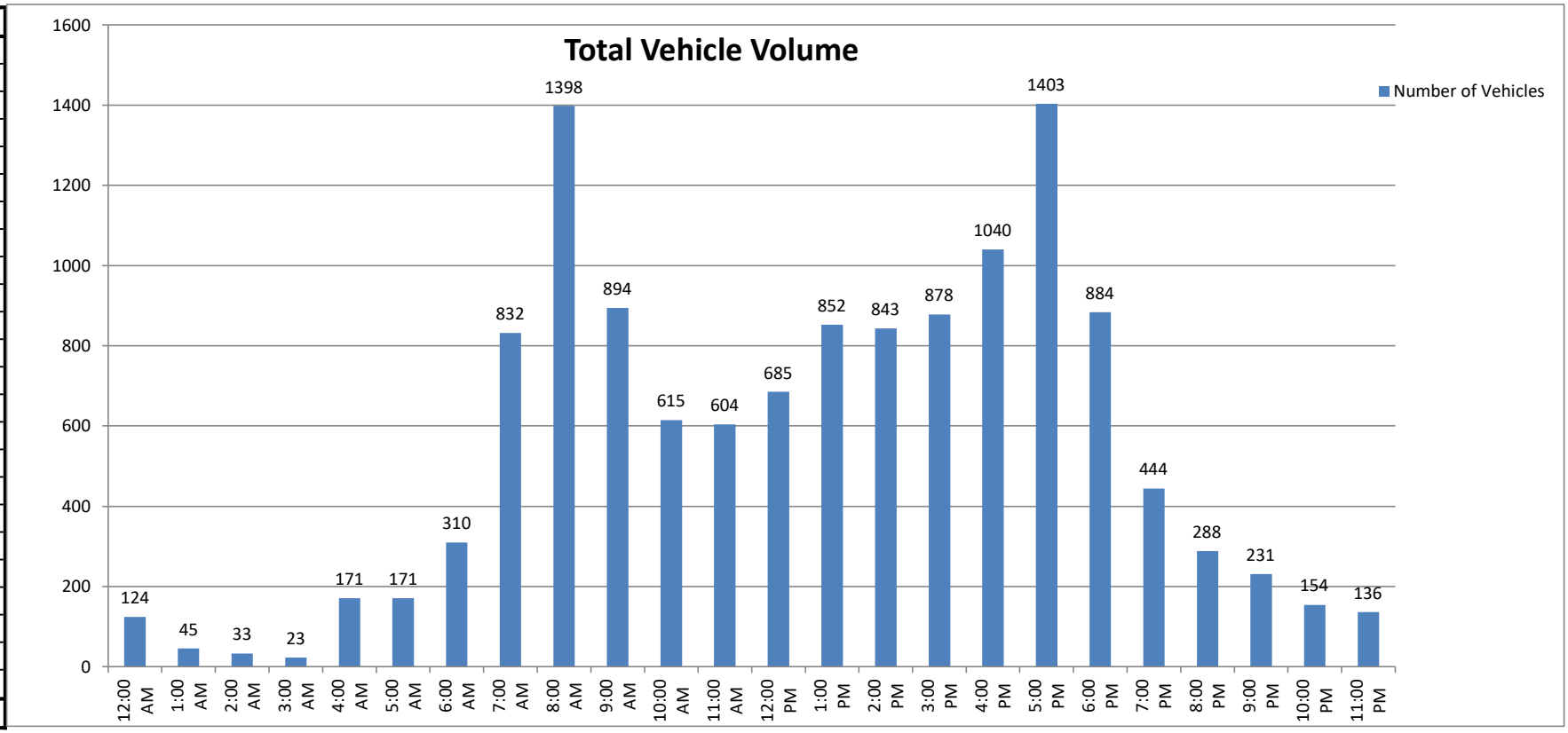
24 Hour Volume Plot

Alton Parkway
B/ Laguna Canyon Road - Jenner
1/24/2024

Start Time	1/24/2024
12:00 AM	124
1:00 AM	45
2:00 AM	33
3:00 AM	23
4:00 AM	171
5:00 AM	171
6:00 AM	310
7:00 AM	832
8:00 AM	1398
9:00 AM	894
10:00 AM	615
11:00 AM	604
12:00 PM	685
1:00 PM	852
2:00 PM	843
3:00 PM	878
4:00 PM	1040
5:00 PM	1403
6:00 PM	884
7:00 PM	444
8:00 PM	288
9:00 PM	231
10:00 PM	154
11:00 PM	136
Total	13058



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Laguna Canyon Road - Jenner

File Name 020
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	87			11	81				
12:15	8	89			16	98				
12:30	8	95			28	75				
12:45	8	93	31	364	10	82	65	336	96	700
1:00	6	78			3	78				
1:15	11	78			6	82				
1:30	6	84			5	86				
1:45	4	87	27	327	4	94	18	340	45	667
2:00	4	93			5	116				
2:15	0	93			4	104				
2:30	9	140			1	154				
2:45	3	131	16	457	3	88	13	462	29	919
3:00	5	111			0	103				
3:15	1	129			2	105				
3:30	6	115			8	99				
3:45	2	94	14	449	6	122	16	429	30	878
4:00	12	95			3	133				
4:15	17	114			8	177				
4:30	47	126			10	187				
4:45	64	146	140	481	15	184	36	681	176	1162
5:00	23	118			16	194				
5:15	14	137			19	179				
5:30	21	146			28	150				
5:45	28	172	86	573	31	137	94	660	180	1233
6:00	27	164			29	103				
6:15	28	151			49	109				
6:30	37	75			41	87				
6:45	52	76	144	466	67	45	186	344	330	810
7:00	44	77			67	62				
7:15	67	53			91	56				
7:30	83	53			115	46				
7:45	71	66	265	249	193	43	466	207	731	456
8:00	113	52			215	33				
8:15	127	38			232	33				
8:30	117	56			220	39				
8:45	124	41	481	187	197	29	864	134	1345	321
9:00	115	24			162	25				
9:15	95	25			145	24				
9:30	89	25			115	24				
9:45	86	31	385	105	101	17	523	90	908	195
10:00	96	24			86	23				
10:15	66	15			61	27				
10:30	75	17			71	17				
10:45	90	16	327	72	66	17	284	84	611	156
11:00	71	11			83	8				
11:15	90	15			74	10				
11:30	80	21			70	8				
11:45	73	15	314	62	91	4	318	30	632	92
Totals	2230	3792			2883	3797				
Combined Totals		6022				6680				
ADT										12702
AM Peak Hour	815	AM			800	AM				
Volume	483				864					
P.H.F.	0.951				0.931					
PM Peak Hour		530	PM			430	PM			
Volume		633				744				
P.H.F.		0.920				0.959				
Percentage	37.0%	63.0%			43.2%	56.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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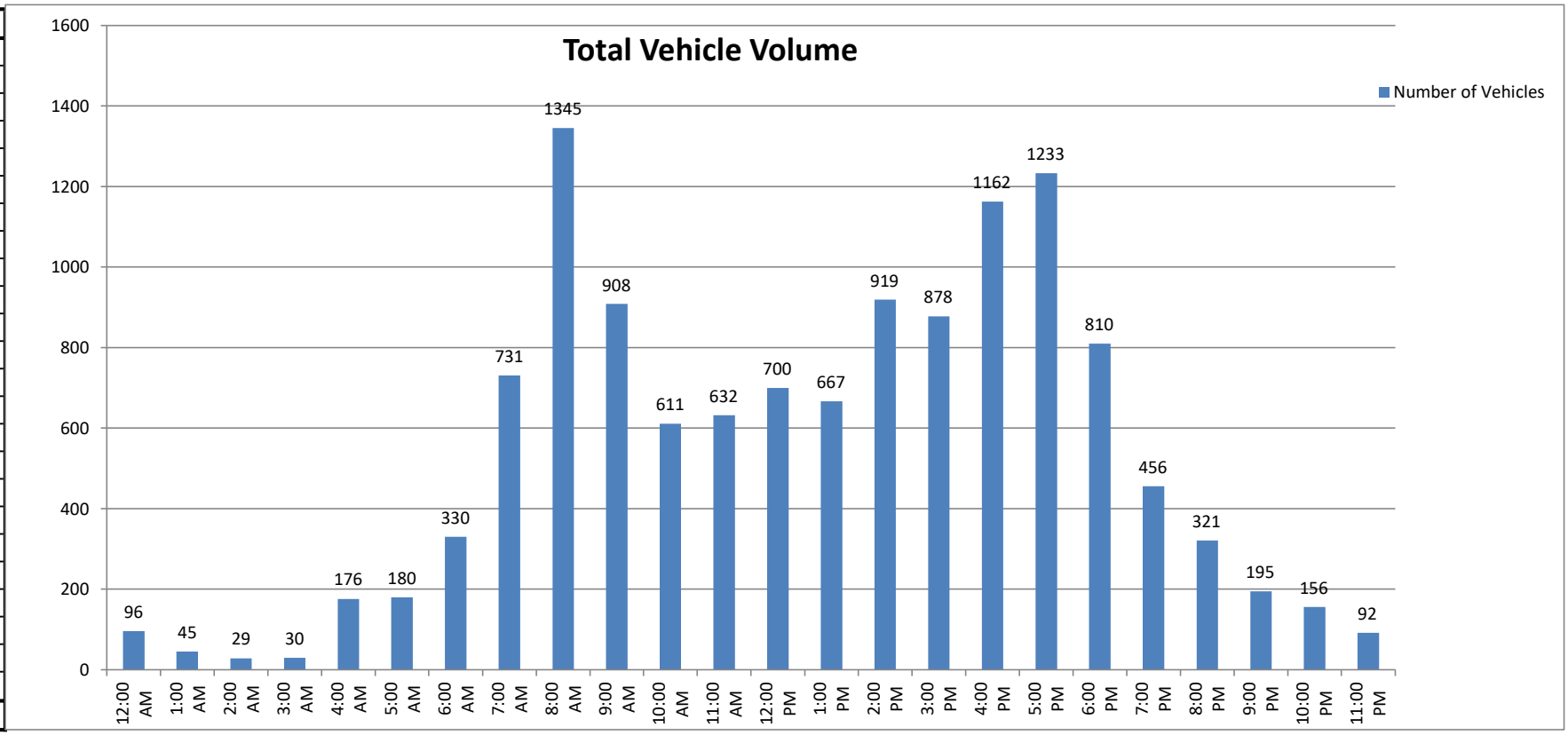
24 Hour Volume Plot

Alton Parkway
B/ Laguna Canyon Road - Jenner

1/25/2024

Start Time	1/25/2024
12:00 AM	96
1:00 AM	45
2:00 AM	29
3:00 AM	30
4:00 AM	176
5:00 AM	180
6:00 AM	330
7:00 AM	731
8:00 AM	1345
9:00 AM	908
10:00 AM	611
11:00 AM	632
12:00 PM	700
1:00 PM	667
2:00 PM	919
3:00 PM	878
4:00 PM	1162
5:00 PM	1233
6:00 PM	810
7:00 PM	456
8:00 PM	321
9:00 PM	195
10:00 PM	156
11:00 PM	92
Total	12702



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Laguna Canyon Road - Jenner

File Name 020
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	88			8	86				
12:15	19	85			13	88				
12:30	13	91			31	83				
12:45	11	91	52	354	7	83	59	339	110	693
1:00	7	86			5	102				
1:15	9	87			6	94				
1:30	7	113			4	90				
1:45	4	97	26	383	5	92	20	377	45	760
2:00	6	90			4	97				
2:15	1	93			5	99				
2:30	7	131			1	153				
2:45	4	120	18	433	4	101	14	448	31	881
3:00	4	119			2	111				
3:15	2	129			2	88				
3:30	5	122			5	92				
3:45	3	102	14	470	5	118	13	408	27	878
4:00	9	104			4	131				
4:15	18	109			7	150				
4:30	48	125			10	172				
4:45	66	147	140	484	14	165	34	618	174	1101
5:00	21	150			18	201				
5:15	13	141			20	191				
5:30	20	149			28	173				
5:45	28	154	81	593	30	160	95	725	176	1318
6:00	29	152			27	120				
6:15	28	138			46	123				
6:30	33	83			46	85				
6:45	53	82	142	454	61	66	179	393	320	847
7:00	56	75			64	62				
7:15	69	56			92	50				
7:30	80	64			120	46				
7:45	85	54	290	248	217	45	492	202	782	450
8:00	113	56			238	33				
8:15	126	40			220	34				
8:30	125	49			225	33				
8:45	131	36	494	180	195	25	878	125	1372	305
9:00	110	39			151	34				
9:15	114	26			132	24				
9:30	109	27			98	23				
9:45	91	23	424	114	98	20	478	100	901	213
10:00	96	26			86	21				
10:15	64	19			64	23				
10:30	76	19			76	16				
10:45	81	14	315	78	73	18	298	77	613	155
11:00	77	13			74	13				
11:15	82	16			70	13				
11:30	83	26			69	11				
11:45	81	16	323	70	84	8	296	45	618	114
Totals	2315	3859			2852	3855				
Combined Totals		6174				6707				
ADT										12880
AM Peak Hour	800	AM			745	AM				
Volume	494				900					
P.H.F.	0.943				0.945					
PM Peak Hour		515	PM			445	PM			
Volume		596				730				
P.H.F.		0.967				0.908				
Percentage	37.5%	62.5%			42.5%	57.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Lake Road - Creek Road

File Name 012
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	140			13	152				
12:15	22	149			8	158				
12:30	11	144			16	134				
12:45	5	132	54	565	10	116	47	560	101	1125
1:00	12	132			13	130				
1:15	6	166			6	132				
1:30	4	152			6	152				
1:45	3	138	25	588	4	170	29	584	54	1172
2:00	4	121			4	174				
2:15	9	224			4	184				
2:30	1	202			5	151				
2:45	5	145	19	692	2	148	15	657	34	1349
3:00	2	172			2	180				
3:15	1	148			1	142				
3:30	2	184			6	158				
3:45	4	165	9	669	2	206	11	686	20	1355
4:00	7	233			0	160				
4:15	6	244			8	216				
4:30	12	238			6	240				
4:45	21	267	46	982	10	238	24	854	70	1836
5:00	7	268			11	250				
5:15	16	335			14	244				
5:30	25	315			20	253				
5:45	36	316	84	1234	16	245	61	992	145	2226
6:00	26	270			36	272				
6:15	44	201			40	210				
6:30	69	218			46	216				
6:45	76	162	215	851	58	144	180	842	395	1693
7:00	72	178			56	138				
7:15	104	144			118	151				
7:30	138	146			133	148				
7:45	162	138	476	606	186	140	493	577	969	1183
8:00	207	113			254	111				
8:15	302	122			382	105				
8:30	221	127			246	81				
8:45	154	120	884	482	180	108	1062	405	1946	887
9:00	168	100			152	98				
9:15	134	62			130	73				
9:30	144	70			126	40				
9:45	127	68	573	300	140	36	548	247	1121	547
10:00	125	40			134	37				
10:15	104	40			107	48				
10:30	101	38			131	32				
10:45	91	34	421	152	116	20	488	137	909	289
11:00	112	23			148	16				
11:15	109	19			136	12				
11:30	156	16			109	14				
11:45	132	22	509	80	140	10	533	52	1042	132
Totals	3315	7201			3491	6593				
Combined Totals		10516				10084				
ADT										20600
AM Peak Hour	745	AM			745	AM				
Volume	892				1068					
P.H.F.	0.738				0.699					
PM Peak Hour		515	PM			515	PM			
Volume		1236				1014				
P.H.F.		0.922				0.932				
Percentage	31.5%	68.5%			34.6%	65.4%				

Counts Unlimited, Inc.
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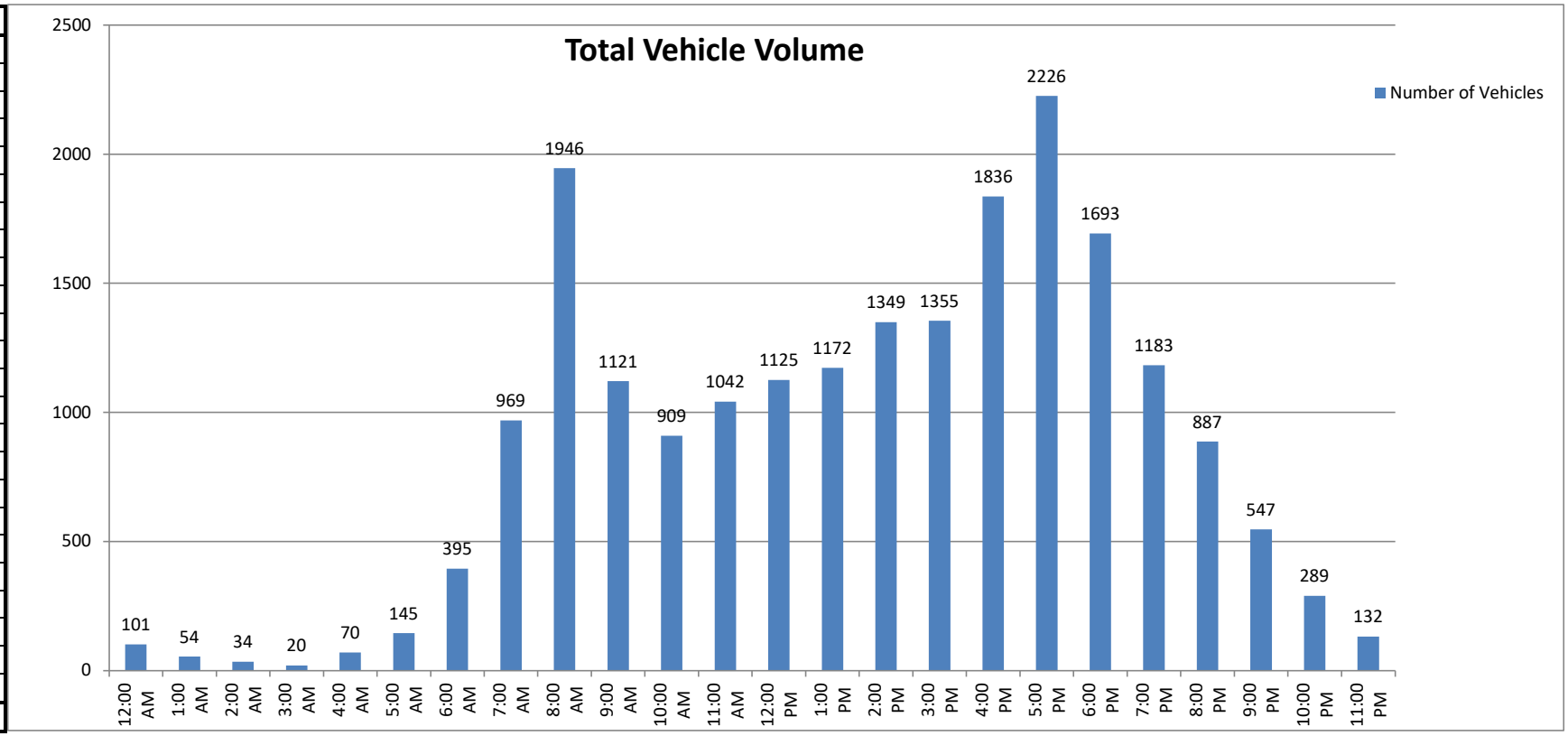
24 Hour Volume Plot

Alton Parkway
B/ Lake Road - Creek Road

5/8/2024

Start Time	5/8/2024
12:00 AM	101
1:00 AM	54
2:00 AM	34
3:00 AM	20
4:00 AM	70
5:00 AM	145
6:00 AM	395
7:00 AM	969
8:00 AM	1946
9:00 AM	1121
10:00 AM	909
11:00 AM	1042
12:00 PM	1125
1:00 PM	1172
2:00 PM	1349
3:00 PM	1355
4:00 PM	1836
5:00 PM	2226
6:00 PM	1693
7:00 PM	1183
8:00 PM	887
9:00 PM	547
10:00 PM	289
11:00 PM	132
Total	20600



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Lake Road - Creek Road

File Name 012
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	138			14	168				
12:15	14	105			18	136				
12:30	14	148			8	117				
12:45	7	144	45	535	6	124	46	545	91	1080
1:00	5	151			8	123				
1:15	5	151			8	130				
1:30	5	136			2	122				
1:45	5	164	20	602	3	168	21	543	41	1145
2:00	2	140			7	163				
2:15	6	226			4	150				
2:30	6	168			6	182				
2:45	2	208	16	742	6	162	23	657	39	1399
3:00	3	210			1	169				
3:15	2	211			5	183				
3:30	0	188			2	220				
3:45	1	203	6	812	4	196	12	768	18	1580
4:00	3	249			4	178				
4:15	11	216			6	242				
4:30	9	260			6	232				
4:45	24	286	47	1011	6	208	22	860	69	1871
5:00	6	296			11	266				
5:15	12	298			18	268				
5:30	18	328			20	304				
5:45	25	274	61	1196	20	282	69	1120	130	2316
6:00	34	272			28	292				
6:15	49	196			32	236				
6:30	56	194			54	260				
6:45	66	137	205	799	60	192	174	980	379	1779
7:00	87	166			86	172				
7:15	125	148			117	138				
7:30	148	142			120	130				
7:45	162	129	522	585	186	107	509	547	1031	1132
8:00	206	118			249	89				
8:15	266	100			341	109				
8:30	188	92			226	80				
8:45	168	74	828	384	178	72	994	350	1822	734
9:00	165	86			185	76				
9:15	152	64			152	84				
9:30	144	54			151	62				
9:45	132	58	593	262	148	36	636	258	1229	520
10:00	133	50			156	47				
10:15	126	32			100	29				
10:30	92	24			120	30				
10:45	126	46	477	152	109	17	485	123	962	275
11:00	110	43			124	15				
11:15	124	22			128	20				
11:30	133	26			120	12				
11:45	136	25	503	116	156	10	528	57	1031	173
Totals	3323	7196			3519	6808				
Combined Totals		10519				10327				
ADT										20846
AM Peak Hour	800	AM			745	AM				
Volume	828				1002					
P.H.F.	0.778				0.735					
PM Peak Hour		445	PM			515	PM			
Volume		1208				1146				
P.H.F.		0.921				0.942				
Percentage	31.6%	68.4%			34.1%	65.9%				

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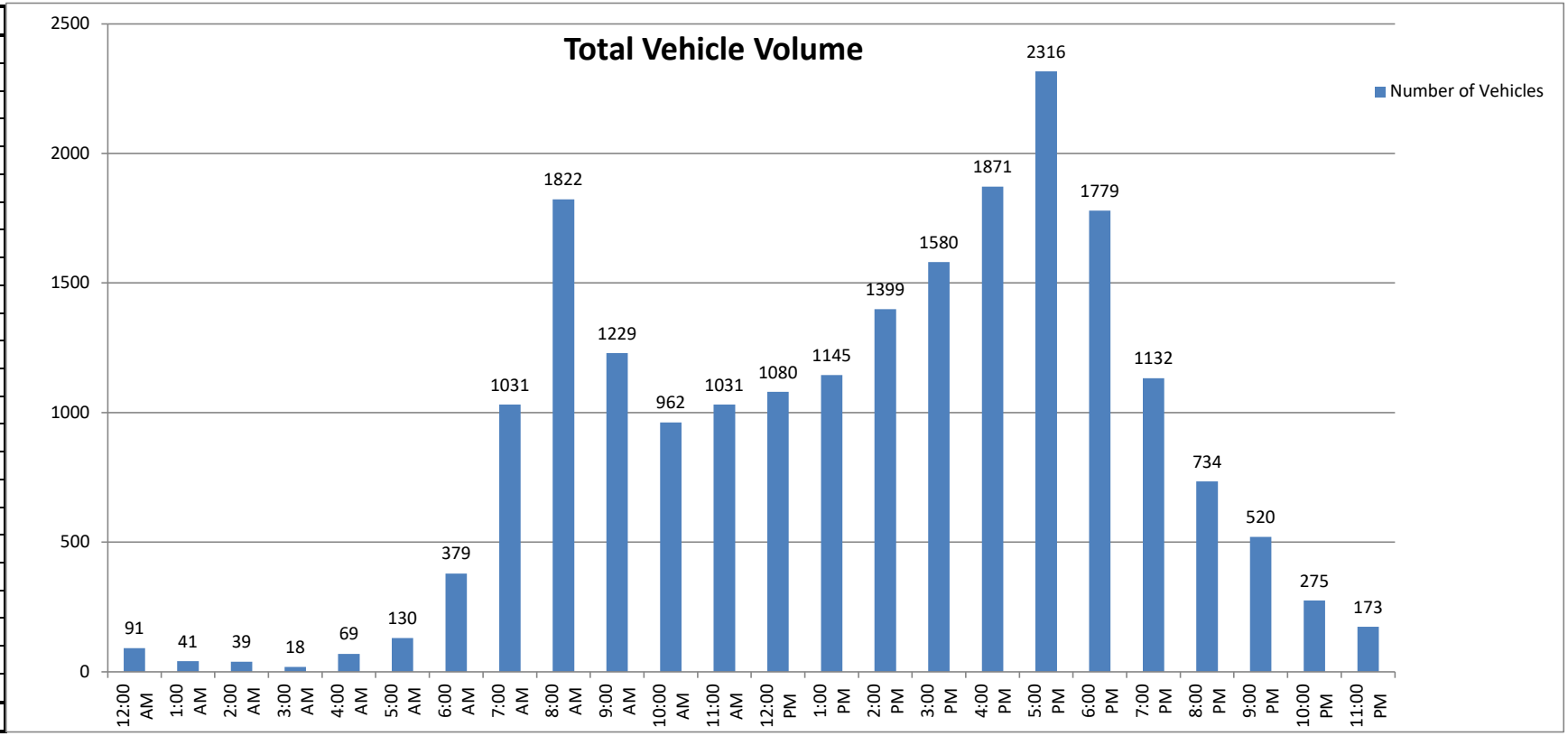
24 Hour Volume Plot

Alton Parkway
B/ Lake Road - Creek Road
5/9/2024

Start Time	5/9/2024
12:00 AM	91
1:00 AM	41
2:00 AM	39
3:00 AM	18
4:00 AM	69
5:00 AM	130
6:00 AM	379
7:00 AM	1031
8:00 AM	1822
9:00 AM	1229
10:00 AM	962
11:00 AM	1031
12:00 PM	1080
1:00 PM	1145
2:00 PM	1399
3:00 PM	1580
4:00 PM	1871
5:00 PM	2316
6:00 PM	1779
7:00 PM	1132
8:00 PM	734
9:00 PM	520
10:00 PM	275
11:00 PM	173
Total	20846



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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Lake Road - Creek Road

File Name 012
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	139			14	160				
12:15	18	127			13	147				
12:30	13	146			12	126				
12:45	6	138	50	550	8	120	47	553	96	1103
1:00	9	142			11	127				
1:15	6	159			7	131				
1:30	5	144			4	137				
1:45	4	151	23	595	4	169	25	564	48	1159
2:00	3	131			6	169				
2:15	8	225			4	167				
2:30	4	185			6	167				
2:45	4	177	18	717	4	155	19	657	37	1374
3:00	3	191			2	175				
3:15	2	180			3	163				
3:30	1	186			4	189				
3:45	3	184	8	741	3	201	12	727	19	1468
4:00	5	241			2	169				
4:15	9	230			7	229				
4:30	11	249			6	236				
4:45	23	277	47	997	8	223	23	857	70	1854
5:00	7	282			11	258				
5:15	14	317			16	256				
5:30	22	322			20	279				
5:45	31	295	73	1215	18	264	65	1056	138	2271
6:00	30	271			32	282				
6:15	47	199			36	223				
6:30	63	206			50	238				
6:45	71	150	210	825	59	168	177	911	387	1736
7:00	80	172			71	155				
7:15	115	146			118	145				
7:30	143	144			127	139				
7:45	162	134	499	596	186	124	501	562	1000	1158
8:00	207	116			252	100				
8:15	284	111			362	107				
8:30	205	110			236	81				
8:45	161	97	856	433	179	90	1028	378	1884	811
9:00	167	93			169	87				
9:15	143	63			141	79				
9:30	144	62			139	51				
9:45	130	63	583	281	144	36	592	253	1175	534
10:00	129	45			145	42				
10:15	115	36			104	39				
10:30	97	31			126	31				
10:45	109	40	449	152	113	19	487	130	936	282
11:00	111	33			136	16				
11:15	117	21			132	16				
11:30	145	21			115	13				
11:45	134	24	506	98	148	10	531	55	1037	153
Totals	3319	7199			3505	6701				
Combined Totals		10518				10206				
ADT										20723
AM Peak Hour	745	AM			745	AM				
Volume	857				1035					
P.H.F.	0.754				0.716					
PM Peak Hour		500	PM			515	PM			
Volume		1215				1080				
P.H.F.		0.945				0.957				
Percentage	31.6%	68.4%			34.3%	65.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Alton Parkway
B/ Meridian - Irvine Center Drive

File Name 025
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	77			4	61				
12:15	10	73			5	72				
12:30	11	84			6	124				
12:45	10	64	36	298	1	95	16	352	52	650
1:00	6	80			4	90				
1:15	5	77			6	71				
1:30	6	88			2	86				
1:45	3	79	20	324	1	65	13	312	33	636
2:00	5	61			1	74				
2:15	4	64			2	64				
2:30	6	73			2	64				
2:45	5	83	20	281	1	81	6	283	26	564
3:00	5	70			2	75				
3:15	1	83			0	68				
3:30	2	82			3	57				
3:45	3	80	11	315	4	93	9	293	20	608
4:00	3	109			1	97				
4:15	1	94			4	98				
4:30	11	87			12	124				
4:45	23	122	38	412	15	131	32	450	70	862
5:00	9	146			15	145				
5:15	14	115			11	163				
5:30	17	112			8	163				
5:45	21	128	61	501	13	110	47	581	108	1082
6:00	16	100			19	97				
6:15	25	98			20	98				
6:30	25	75			34	68				
6:45	26	73	92	346	32	72	105	335	197	681
7:00	37	59			32	54				
7:15	59	54			72	44				
7:30	68	40			74	45				
7:45	69	34	233	187	128	38	306	181	539	368
8:00	83	44			123	30				
8:15	95	21			155	36				
8:30	74	32			160	29				
8:45	96	25	348	122	140	32	578	127	926	249
9:00	72	31			93	43				
9:15	62	14			99	38				
9:30	84	25			64	25				
9:45	81	23	299	93	70	28	326	134	625	227
10:00	78	15			60	20				
10:15	69	20			51	18				
10:30	57	16			50	14				
10:45	56	11	260	62	50	16	211	68	471	130
11:00	83	8			49	9				
11:15	62	10			60	7				
11:30	72	12			59	16				
11:45	90	12	307	42	51	8	219	40	526	82
Totals	1725	2983			1868	3156				
Combined Totals		4708				5024				
ADT										9732
AM Peak Hour	800 AM				800 AM					
Volume	348				578					
P.H.F.	0.906				0.903					
PM Peak Hour		500 PM				445 PM				
Volume		501				602				
P.H.F.		0.858				0.923				
Percentage	36.6%	63.4%			37.2%	62.8%				

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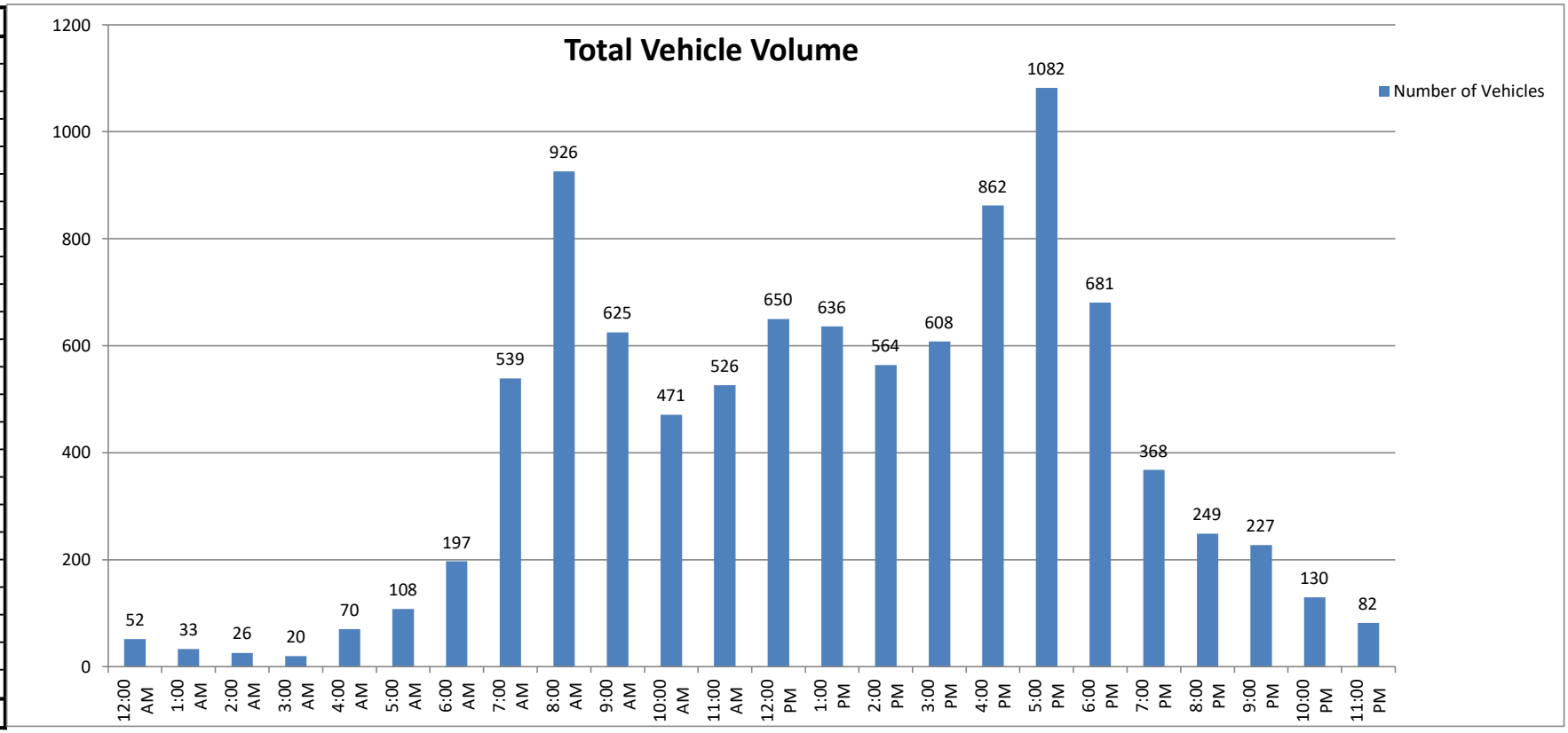
24 Hour Volume Plot

Alton Parkway
B/ Meridian - Irvine Center Drive
1/24/2024

Start Time	1/24/2024
12:00 AM	52
1:00 AM	33
2:00 AM	26
3:00 AM	20
4:00 AM	70
5:00 AM	108
6:00 AM	197
7:00 AM	539
8:00 AM	926
9:00 AM	625
10:00 AM	471
11:00 AM	526
12:00 PM	650
1:00 PM	636
2:00 PM	564
3:00 PM	608
4:00 PM	862
5:00 PM	1082
6:00 PM	681
7:00 PM	368
8:00 PM	249
9:00 PM	227
10:00 PM	130
11:00 PM	82
Total	9732



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Meridian - Irvine Center Drive

File Name 025
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	84			9	63				
12:15	10	85			6	82				
12:30	13	83			2	66				
12:45	8	70	38	322	4	85	21	296	59	618
1:00	7	77			4	81				
1:15	15	70			4	83				
1:30	8	64			12	66				
1:45	4	97	34	308	4	86	24	316	58	624
2:00	5	81			3	69				
2:15	2	59			5	65				
2:30	7	73			4	65				
2:45	3	96	17	309	1	65	13	264	30	573
3:00	2	79			0	87				
3:15	3	81			1	68				
3:30	0	84			1	71				
3:45	1	80	6	324	4	94	6	320	12	644
4:00	6	83			2	142				
4:15	3	87			6	122				
4:30	13	105			11	121				
4:45	10	98	32	373	21	87	40	472	72	845
5:00	12	94			8	113				
5:15	17	113			9	130				
5:30	19	98			13	134				
5:45	19	117	67	422	13	113	43	490	110	912
6:00	14	93			14	78				
6:15	17	87			31	86				
6:30	24	71			21	67				
6:45	25	66	80	317	37	53	103	284	183	601
7:00	35	53			40	52				
7:15	45	40			66	46				
7:30	60	38			74	40				
7:45	60	53	200	184	108	37	288	175	488	359
8:00	80	31			90	26				
8:15	96	15			159	44				
8:30	90	44			132	39				
8:45	83	29	349	119	121	32	502	141	851	260
9:00	77	15			131	38				
9:15	69	8			110	26				
9:30	65	27			91	23				
9:45	69	17	280	67	52	22	384	109	664	176
10:00	78	23			59	18				
10:15	55	17			43	19				
10:30	61	16			63	17				
10:45	63	12	257	68	45	18	210	72	467	140
11:00	56	11			67	11				
11:15	55	15			55	6				
11:30	91	10			45	5				
11:45	65	9	267	45	60	4	227	26	494	71
Totals	1627	2858			1861	2965				
Combined Totals		4485				4826				
ADT										9311
AM Peak Hour	800	AM			815	AM				
Volume	349				543					
P.H.F.	0.909				0.854					
PM Peak Hour		500	PM			500	PM			
Volume		422				490				
P.H.F.		0.902				0.914				
Percentage	36.3%	63.7%			38.6%	61.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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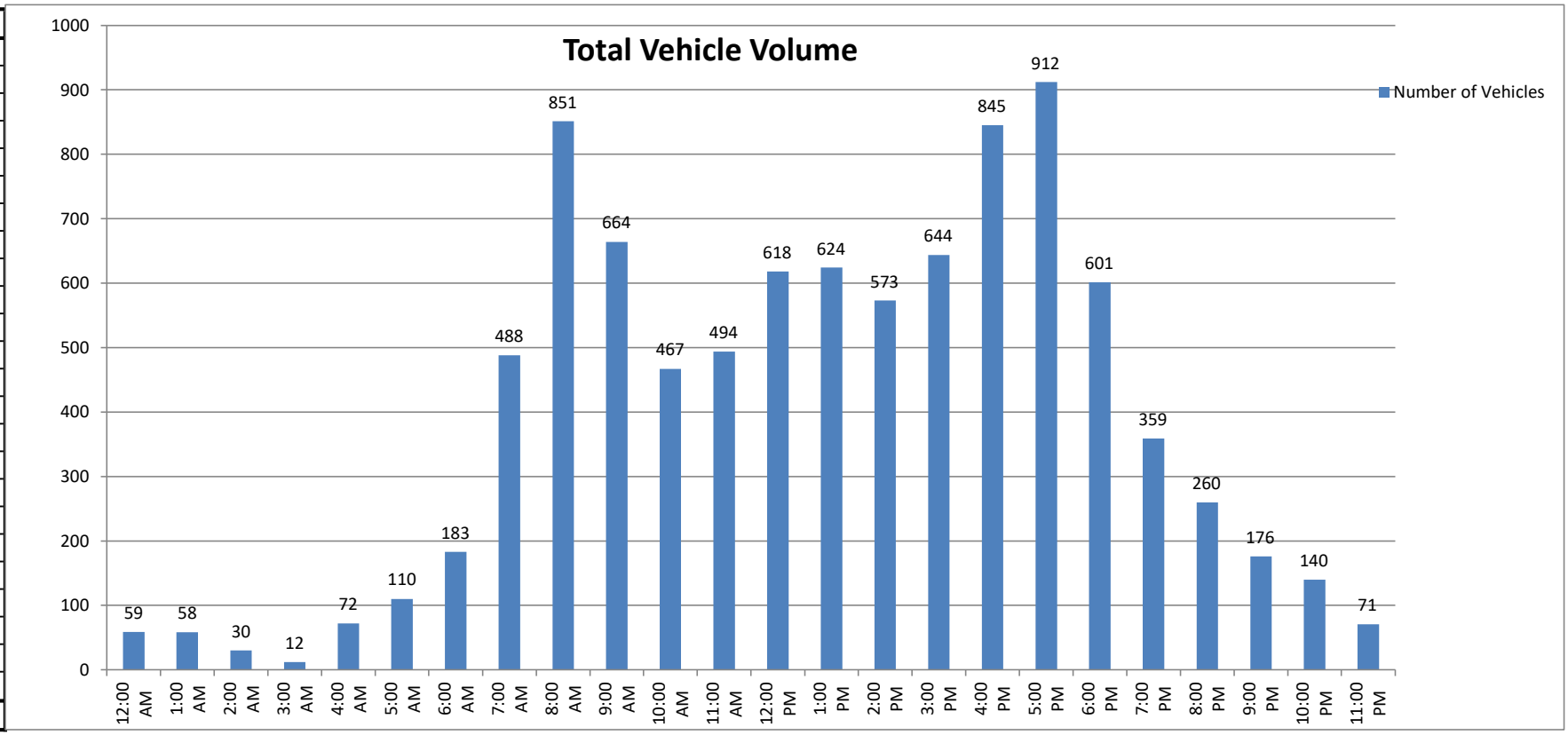
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Meridian - Irvine Center Drive
1/25/2024

Start Time	1/25/2024
12:00 AM	59
1:00 AM	58
2:00 AM	30
3:00 AM	12
4:00 AM	72
5:00 AM	110
6:00 AM	183
7:00 AM	488
8:00 AM	851
9:00 AM	664
10:00 AM	467
11:00 AM	494
12:00 PM	618
1:00 PM	624
2:00 PM	573
3:00 PM	644
4:00 PM	845
5:00 PM	912
6:00 PM	601
7:00 PM	359
8:00 PM	260
9:00 PM	176
10:00 PM	140
11:00 PM	71
Total	9311



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City of Irvine
Alton Parkway
B/ Meridian - Irvine Center Drive

File Name 025
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	81			7	62				
12:15	10	79			6	77				
12:30	12	84			4	95				
12:45	9	67	37	310	3	90	19	324	56	634
1:00	7	79			4	86				
1:15	10	74			5	77				
1:30	7	76			7	76				
1:45	4	88	27	316	3	76	19	314	46	630
2:00	5	71			2	72				
2:15	3	62			4	65				
2:30	7	73			3	65				
2:45	4	90	19	295	1	73	10	274	28	569
3:00	4	75			1	81				
3:15	2	82			1	68				
3:30	1	83			2	64				
3:45	2	80	9	320	4	94	8	307	16	626
4:00	5	96			2	120				
4:15	2	91			5	110				
4:30	12	96			12	123				
4:45	17	110	35	393	18	109	36	461	71	854
5:00	11	120			12	129				
5:15	16	114			10	147				
5:30	18	105			11	149				
5:45	20	123	64	462	13	112	45	536	109	997
6:00	15	97			17	88				
6:15	21	93			26	92				
6:30	25	73			28	68				
6:45	26	70	86	332	35	63	104	310	190	641
7:00	36	56			36	53				
7:15	52	47			69	45				
7:30	64	39			74	43				
7:45	65	44	217	186	118	38	297	178	514	364
8:00	82	38			107	28				
8:15	96	18			157	40				
8:30	82	38			146	34				
8:45	90	27	349	121	131	32	540	134	889	255
9:00	75	23			112	41				
9:15	66	11			105	32				
9:30	75	26			78	24				
9:45	75	20	290	80	61	25	355	122	645	202
10:00	78	19			60	19				
10:15	62	19			47	19				
10:30	59	16			57	16				
10:45	60	12	259	65	48	17	211	70	469	135
11:00	70	10			58	10				
11:15	59	13			58	7				
11:30	82	11			52	11				
11:45	78	11	287	44	56	6	223	33	510	77
Totals	1676	2921			1865	3061				
Combined Totals		4597				4925				
ADT										9522
AM Peak Hour	800	AM			815	AM				
Volume	349				546					
P.H.F.	0.912				0.869					
PM Peak Hour		500	PM			500	PM			
Volume		462				536				
P.H.F.		0.942				0.902				
Percentage	36.5%	63.5%			37.9%	62.1%				

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Morgan - Toledo Way

File Name 036
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	206			35	175				
12:15	18	174			22	173				
12:30	10	194			23	191				
12:45	15	184	62	758	21	162	101	701	163	1459
1:00	12	201			11	182				
1:15	21	155			16	211				
1:30	20	196			24	259				
1:45	27	175	80	727	13	193	64	845	144	1572
2:00	23	173			11	199				
2:15	17	194			10	204				
2:30	30	185			10	251				
2:45	57	183	127	735	8	176	39	830	166	1565
3:00	38	213			16	190				
3:15	36	207			6	152				
3:30	41	205			20	182				
3:45	73	214	188	839	13	162	55	686	243	1525
4:00	29	268			23	202				
4:15	47	290			14	151				
4:30	112	299			27	186				
4:45	154	312	342	1169	40	175	104	714	446	1883
5:00	86	389			68	197				
5:15	88	380			53	196				
5:30	120	339			65	173				
5:45	129	328	423	1436	75	128	261	694	684	2130
6:00	153	292			68	158				
6:15	133	242			88	115				
6:30	149	234			131	130				
6:45	122	176	557	944	177	110	464	513	1021	1457
7:00	148	191			196	84				
7:15	127	186			243	89				
7:30	176	120			375	84				
7:45	166	148	617	645	374	61	1188	318	1805	963
8:00	175	120			408	49				
8:15	153	130			345	57				
8:30	191	110			364	69				
8:45	129	107	648	467	324	54	1441	229	2089	696
9:00	131	109			266	63				
9:15	113	91			229	85				
9:30	152	79			222	43				
9:45	102	67	498	346	211	36	928	227	1426	573
10:00	117	73			165	52				
10:15	113	52			168	47				
10:30	117	64			172	52				
10:45	139	58	486	247	174	37	679	188	1165	435
11:00	138	42			186	53				
11:15	157	31			161	24				
11:30	186	28			186	26				
11:45	205	24	686	125	209	28	742	131	1428	256
Totals	4714	8438			6066	6076				
Combined Totals		13152				12142				
ADT										25294
AM Peak Hour	1100	AM			730	AM				
Volume	686				1502					
P.H.F.	0.837				0.920					
PM Peak Hour		500	PM			115	PM			
Volume		1436				862				
P.H.F.		0.923				0.832				
Percentage	35.8%	64.2%			50.0%	50.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

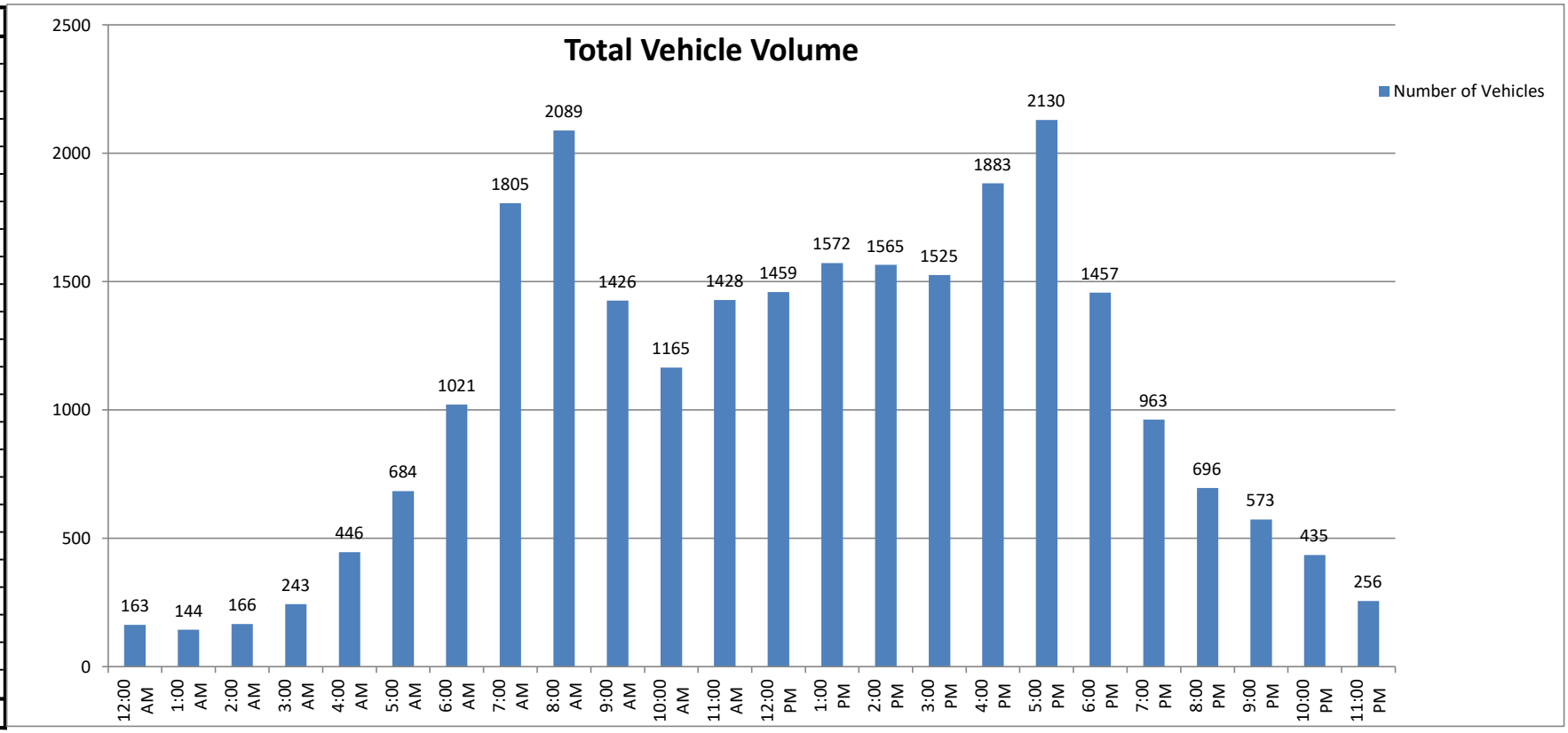
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Morgan - Toledo Way

1/24/2024

Start Time	1/24/2024
12:00 AM	163
1:00 AM	144
2:00 AM	166
3:00 AM	243
4:00 AM	446
5:00 AM	684
6:00 AM	1021
7:00 AM	1805
8:00 AM	2089
9:00 AM	1426
10:00 AM	1165
11:00 AM	1428
12:00 PM	1459
1:00 PM	1572
2:00 PM	1565
3:00 PM	1525
4:00 PM	1883
5:00 PM	2130
6:00 PM	1457
7:00 PM	963
8:00 PM	696
9:00 PM	573
10:00 PM	435
11:00 PM	256
Total	25294



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Morgan - Toledo Way

File Name 036
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	198			36	177				
12:15	30	197			26	151				
12:30	12	180			18	184				
12:45	19	194	80	769	25	191	105	703	185	1472
1:00	9	163			15	155				
1:15	12	188			10	201				
1:30	27	204			24	242				
1:45	29	152	77	707	15	196	64	794	141	1501
2:00	26	189			14	189				
2:15	22	171			18	209				
2:30	42	201			9	229				
2:45	56	210	146	771	8	210	49	837	195	1608
3:00	35	218			8	199				
3:15	37	164			7	172				
3:30	33	241			20	173				
3:45	78	244	183	867	18	175	53	719	236	1586
4:00	36	229			24	208				
4:15	42	289			22	179				
4:30	101	304			28	179				
4:45	145	288	324	1110	33	171	107	737	431	1847
5:00	78	363			62	225				
5:15	65	338			53	197				
5:30	145	321			59	192				
5:45	133	285	421	1307	85	143	259	757	680	2064
6:00	156	281			82	125				
6:15	156	244			91	145				
6:30	140	205			143	115				
6:45	174	202	626	932	146	95	462	480	1088	1412
7:00	121	197			224	95				
7:15	133	136			287	91				
7:30	155	151			389	58				
7:45	173	126	582	610	444	65	1344	309	1926	919
8:00	139	126			456	81				
8:15	186	119			398	60				
8:30	164	112			426	84				
8:45	125	105	614	462	303	39	1583	264	2197	726
9:00	135	74			271	60				
9:15	110	91			238	63				
9:30	130	78			211	58				
9:45	124	80	499	323	209	35	929	216	1428	539
10:00	126	64			185	67				
10:15	142	59			159	45				
10:30	135	65			181	37				
10:45	133	55	536	243	175	36	700	185	1236	428
11:00	148	26			161	46				
11:15	152	32			185	32				
11:30	185	26			196	33				
11:45	189	33	674	117	182	21	724	132	1398	249
Totals	4762	8218			6379	6133				
Combined Totals		12980				12512				
ADT										25492
AM Peak Hour	1100	AM			745	AM				
Volume	674				1724					
P.H.F.	0.892				0.945					
PM Peak Hour		445	PM			215	PM			
Volume		1310				847				
P.H.F.		0.902				0.925				
Percentage	36.7%	63.3%			51.0%	49.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

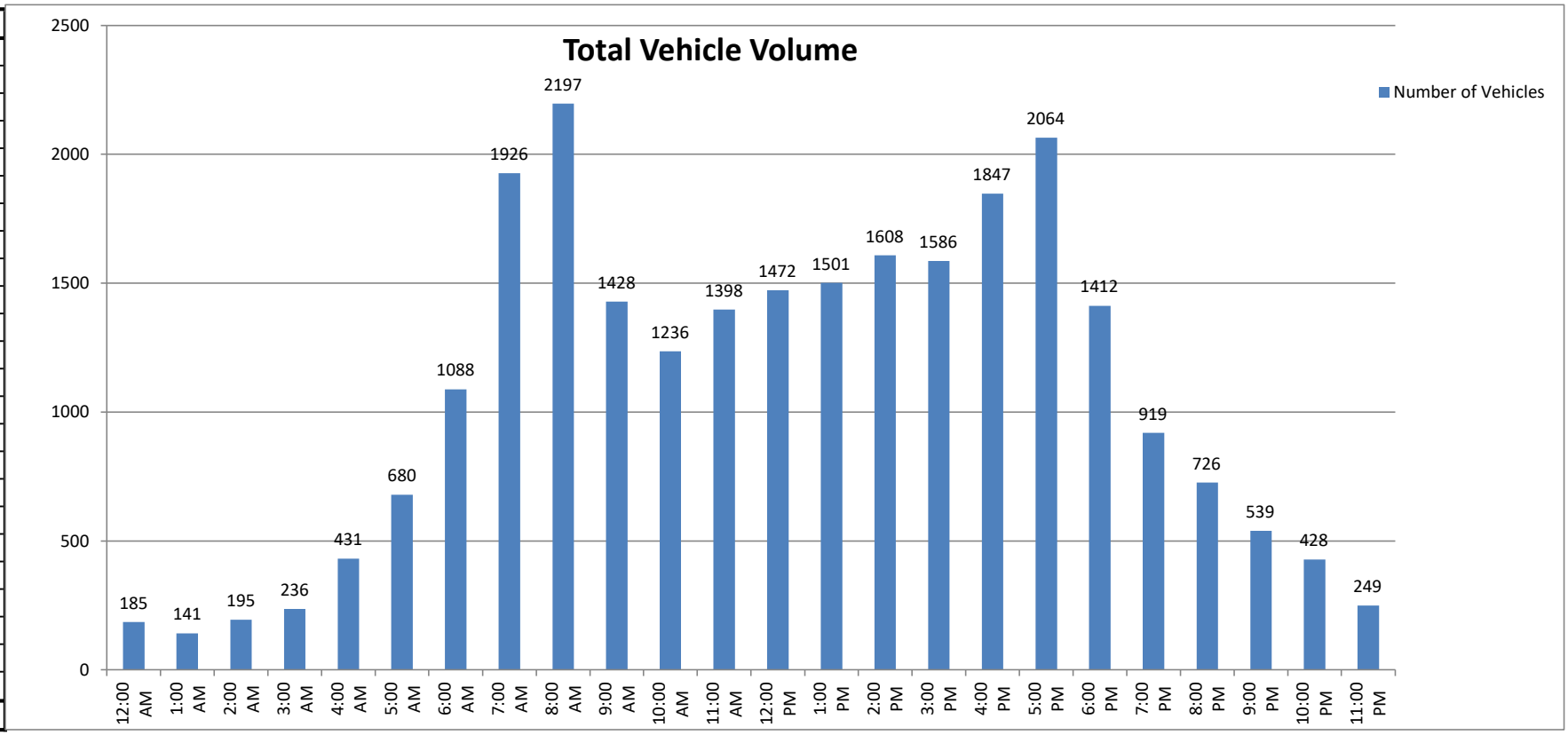
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Morgan - Toledo Way

1/25/2024

Start Time	1/25/2024
12:00 AM	185
1:00 AM	141
2:00 AM	195
3:00 AM	236
4:00 AM	431
5:00 AM	680
6:00 AM	1088
7:00 AM	1926
8:00 AM	2197
9:00 AM	1428
10:00 AM	1236
11:00 AM	1398
12:00 PM	1472
1:00 PM	1501
2:00 PM	1608
3:00 PM	1586
4:00 PM	1847
5:00 PM	2064
6:00 PM	1412
7:00 PM	919
8:00 PM	726
9:00 PM	539
10:00 PM	428
11:00 PM	249
Total	25492



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Morgan - Toledo Way

File Name 036
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	202			36	176				
12:15	24	186			24	162				
12:30	11	187			21	188				
12:45	17	189	71	764	23	177	103	702	174	1466
1:00	11	182			13	169				
1:15	17	172			13	206				
1:30	24	200			24	251				
1:45	28	164	79	717	14	195	64	820	143	1537
2:00	25	181			13	194				
2:15	20	183			14	207				
2:30	36	193			10	240				
2:45	57	197	137	753	8	193	44	834	181	1587
3:00	37	216			12	195				
3:15	37	186			7	162				
3:30	37	223			20	178				
3:45	76	229	186	853	16	169	54	703	240	1556
4:00	33	249			24	205				
4:15	45	290			18	165				
4:30	107	302			28	183				
4:45	150	300	333	1140	37	173	106	726	439	1865
5:00	82	376			65	211				
5:15	77	359			53	197				
5:30	133	330			62	183				
5:45	131	307	422	1372	80	136	260	726	682	2097
6:00	155	287			75	142				
6:15	145	243			90	130				
6:30	145	220			137	123				
6:45	148	189	592	938	162	103	463	497	1055	1435
7:00	135	194			210	90				
7:15	130	161			265	90				
7:30	166	136			382	71				
7:45	170	137	600	628	409	63	1266	314	1866	941
8:00	157	123			432	65				
8:15	170	125			372	59				
8:30	178	111			395	77				
8:45	127	106	631	465	314	47	1512	247	2143	711
9:00	133	92			269	62				
9:15	112	91			234	74				
9:30	141	79			217	51				
9:45	113	74	499	335	210	36	929	222	1427	556
10:00	122	69			175	60				
10:15	128	56			164	46				
10:30	126	65			177	45				
10:45	136	57	511	245	175	37	690	187	1201	432
11:00	143	34			174	50				
11:15	155	32			173	28				
11:30	186	27			191	30				
11:45	197	29	680	121	196	25	733	132	1413	253
Totals	4738	8328			6223	6105				
Combined Totals		13066				12327				
ADT										25393
AM Peak Hour	1100	AM			745	AM				
Volume	680				1608					
P.H.F.	0.863				0.930					
PM Peak Hour		500	PM			130	PM			
Volume		1372				846				
P.H.F.		0.912				0.844				
Percentage	36.3%	63.7%			50.5%	49.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Alton Parkway
N/ Commercentre Drive
24 Hour Directional Volume Count

LKF010
Site Code: 051-24139

Start	5/14/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		14	193			12	153				
12:15		18	220			8	146				
12:30		14	192			6	194				
12:45		12	164	58	769	14	180	40	673	98	1442
01:00		16	176			12	175				
01:15		10	174			12	196				
01:30		8	195			7	177				
01:45		5	178	39	723	3	160	34	708	73	1431
02:00		7	178			9	168				
02:15		7	176			3	167				
02:30		10	214			6	201				
02:45		13	240	37	808	3	154	21	690	58	1498
03:00		8	244			4	156				
03:15		16	227			8	140				
03:30		11	224			13	194				
03:45		13	248	48	943	10	134	35	624	83	1567
04:00		12	265			14	226				
04:15		16	278			9	170				
04:30		46	263			15	**233**				
04:45		52	**310**	126	1116	42	**176**	80	805	206	1921
05:00		29	**346**			55	**236**				
05:15		28	**358**			75	**184**				
05:30		48	**295**			106	212				
05:45		74	306	179	1305	98	156	334	788	513	2093
06:00		52	264			90	148				
06:15		61	288			134	146				
06:30		99	236			159	150				
06:45		124	237	336	1025	202	114	585	558	921	1583
07:00		88	204			230	122				
07:15		106	184			264	88				
07:30		132	162			**365**	110				
07:45		154	169	480	719	**358**	110	1217	430	1697	1149
08:00		**156**	150			**368**	85				
08:15		**172**	173			**340**	85				
08:30		**172**	126			282	72				
08:45		**156**	133	656	582	284	51	1274	293	1930	875
09:00		134	138			238	68				
09:15		113	109			162	69				
09:30		134	90			190	78				
09:45		124	92	505	429	203	48	793	263	1298	692
10:00		134	88			168	36				
10:15		120	68			138	46				
10:30		130	63			155	41				
10:45		127	31	511	250	146	32	607	155	1118	405
11:00		132	41			146	47				
11:15		160	29			132	27				
11:30		174	30			156	26				
11:45		165	24	631	124	152	5	586	105	1217	229
Total		3606	8793	3606	8793	5606	6092	5606	6092	9212	14885
Combined Total		12399		12399		11698		11698		24097	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	656	-	-	-	1431	-	-	-	-	-
P.H.F.		0.953				0.972					
PM Peak	-	-	04:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	1309	-	-	-	829	-	-	-	-
P.H.F.			0.914				0.878				
Percentage		29.1%	70.9%			47.9%	52.1%				
ADT/AADT		ADT 24,097		AADT 24,097							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Alton Parkway
N/ State Route 241 Ramps
24 Hour Directional Volume Count

LKF011
Site Code: 051-24139

Start Time	5/14/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		14	217			13	122				
12:15		12	210			12	130				
12:30		5	172			9	171				
12:45		5	159	36	758	16	164	50	587	86	1345
01:00		6	152			5	166				
01:15		7	169			8	176				
01:30		4	162			6	134				
01:45		4	172	21	655	3	134	22	610	43	1265
02:00		3	146			3	148				
02:15		5	168			3	162				
02:30		8	177			5	206				
02:45		12	186	28	677	1	160	12	676	40	1353
03:00		5	190			2	149				
03:15		8	198			9	136				
03:30		5	170			6	148				
03:45		12	214	30	772	8	156	25	589	55	1361
04:00		9	192			8	188				
04:15		9	195			10	164				
04:30		36	178			11	156				
04:45		35	229	89	794	18	**186**	47	694	136	1488
05:00		19	**263**			39	**193**				
05:15		22	**247**			44	**177**				
05:30		30	**240**			49	**187**				
05:45		58	**231**	129	981	38	142	170	699	299	1680
06:00		41	206			54	142				
06:15		54	228			78	144				
06:30		66	207			90	162				
06:45		92	169	253	810	112	130	334	578	587	1388
07:00		68	140			156	106				
07:15		94	156			185	107				
07:30		109	147			174	136				
07:45		148	120	419	563	**204**	104	719	453	1138	1016
08:00		146	124			**200**	101				
08:15		132	121			**208**	90				
08:30		139	118			**176**	68				
08:45		103	96	520	459	164	62	748	321	1268	780
09:00		96	100			128	86				
09:15		106	79			117	82				
09:30		105	66			120	80				
09:45		110	72	417	317	131	51	496	299	913	616
10:00		127	50			104	43				
10:15		104	49			107	34				
10:30		110	32			104	35				
10:45		134	36	475	167	110	36	425	148	900	315
11:00		**148**	26			125	42				
11:15		**147**	25			142	28				
11:30		**196**	17			134	18				
11:45		**144**	19	635	87	147	14	548	102	1183	189
Total		3052	7040	3052	7040	3596	5756	3596	5756	6648	12796
Combined Total		10092		10092		9352		9352		19444	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	635	-	-	-	788	-	-	-	-	-
P.H.F.		0.810				0.947					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	981	-	-	-	743	-	-	-	-
P.H.F.			0.933				0.962				
Percentage		30.2%	69.8%			38.5%	61.5%				
ADT/AADT		ADT 19,444		AADT 19,444							

Counts Unlimited, Inc.
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City of Irvine
Alton Parkway
B/ Pacifica - Meridian

File Name 024
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	91			6	68				
12:15	9	81			0	70				
12:30	11	58			2	56				
12:45	10	58	34	288	3	86	11	280	45	568
1:00	7	58			1	69				
1:15	10	72			4	66				
1:30	2	62			4	60				
1:45	2	67	21	259	3	75	12	270	33	529
2:00	4	71			2	88				
2:15	0	81			2	78				
2:30	3	89			1	80				
2:45	6	92	13	333	1	72	6	318	19	651
3:00	0	104			2	73				
3:15	4	104			1	62				
3:30	4	112			0	112				
3:45	1	108	9	428	5	130	8	377	17	805
4:00	1	102			2	236				
4:15	2	146			6	170				
4:30	6	98			9	227				
4:45	6	124	15	470	16	184	33	817	48	1287
5:00	10	126			8	160				
5:15	11	130			9	214				
5:30	10	136			14	184				
5:45	14	132	45	524	15	120	46	678	91	1202
6:00	23	134			18	133				
6:15	23	122			28	80				
6:30	34	78			23	66				
6:45	38	92	118	426	44	67	113	346	231	772
7:00	35	62			49	57				
7:15	44	69			81	54				
7:30	52	56			112	29				
7:45	64	51	195	238	194	42	436	182	631	420
8:00	82	46			197	50				
8:15	107	44			225	34				
8:30	106	44			188	38				
8:45	79	52	374	186	182	35	792	157	1166	343
9:00	80	45			109	33				
9:15	83	41			108	32				
9:30	68	28			86	20				
9:45	72	32	303	146	91	15	394	100	697	246
10:00	74	27			66	19				
10:15	66	19			75	19				
10:30	58	19			65	17				
10:45	67	26	265	91	54	10	260	65	525	156
11:00	66	13			56	14				
11:15	71	14			54	9				
11:30	70	15			76	5				
11:45	88	7	295	49	56	4	242	32	537	81
Totals	1687	3438			2353	3622				
Combined Totals		5125				5975				
ADT										11100
AM Peak Hour	800	AM			745	AM				
Volume	374				804					
P.H.F.	0.874				0.893					
PM Peak Hour		515	PM			400	PM			
Volume		532				817				
P.H.F.		0.978				0.865				
Percentage	32.9%	67.1%			39.4%	60.6%				

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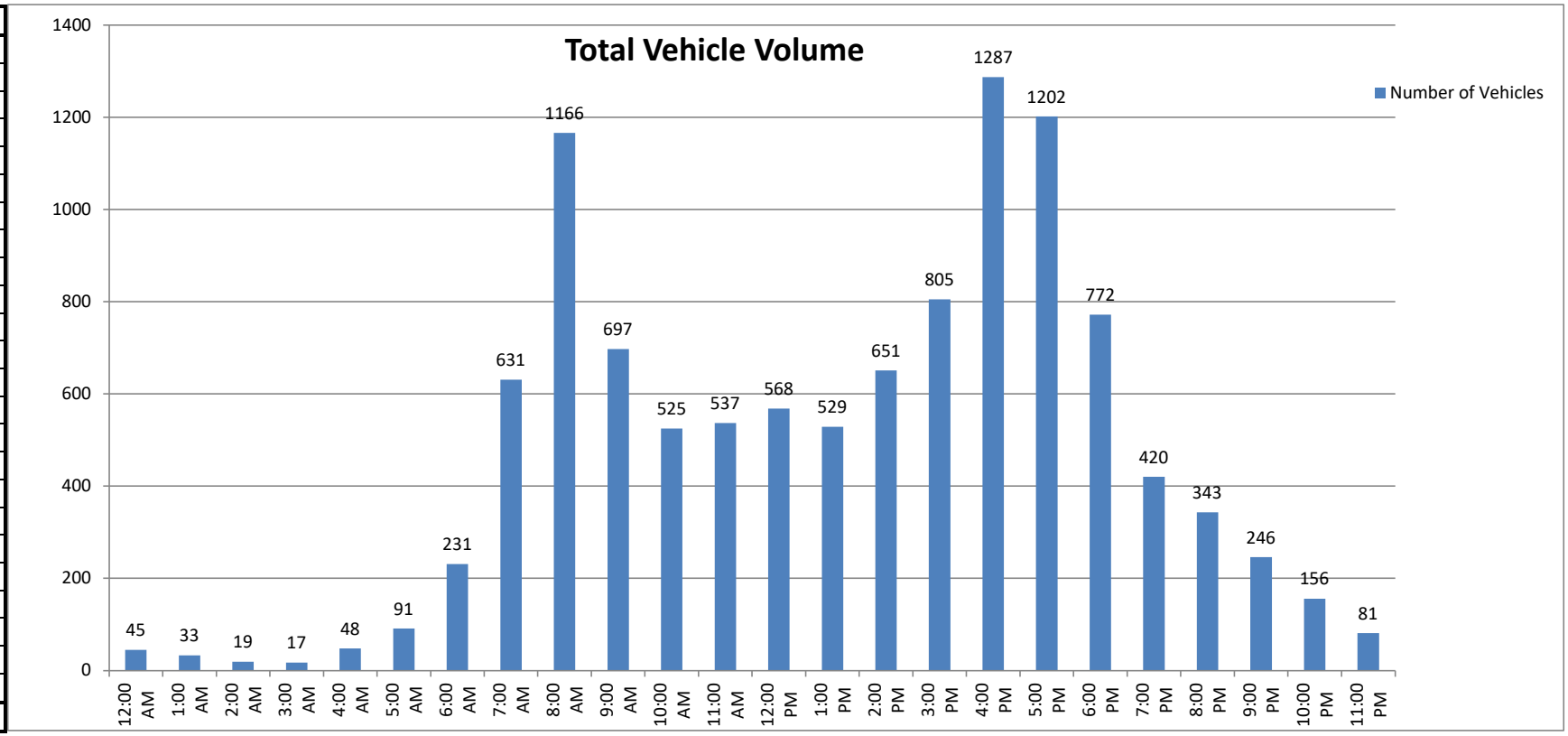
24 Hour Volume Plot

Alton Parkway
B/ Pacifica - Meridian

5/7/2024

Start Time	5/7/2024
12:00 AM	45
1:00 AM	33
2:00 AM	19
3:00 AM	17
4:00 AM	48
5:00 AM	91
6:00 AM	231
7:00 AM	631
8:00 AM	1166
9:00 AM	697
10:00 AM	525
11:00 AM	537
12:00 PM	568
1:00 PM	529
2:00 PM	651
3:00 PM	805
4:00 PM	1287
5:00 PM	1202
6:00 PM	772
7:00 PM	420
8:00 PM	343
9:00 PM	246
10:00 PM	156
11:00 PM	81
Total	11100



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Pacifica - Meridian

File Name 024
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	80			11	72				
12:15	14	94			8	88				
12:30	9	64			4	49				
12:45	10	76	47	314	5	100	28	309	75	623
1:00	7	74			4	90				
1:15	1	64			3	84				
1:30	5	88			5	80				
1:45	10	84	23	310	2	79	14	333	37	643
2:00	6	80			2	68				
2:15	4	76			0	72				
2:30	1	81			1	70				
2:45	2	87	13	324	2	70	5	280	18	604
3:00	3	96			3	67				
3:15	3	94			2	63				
3:30	1	84			1	83				
3:45	3	87	10	361	6	108	12	321	22	682
4:00	3	103			2	142				
4:15	4	112			3	167				
4:30	5	100			16	168				
4:45	8	132	20	447	14	132	35	609	55	1056
5:00	4	116			6	158				
5:15	12	129			9	156				
5:30	19	154			10	160				
5:45	15	144	50	543	19	152	44	626	94	1169
6:00	17	115			16	97				
6:15	20	110			26	94				
6:30	30	90			24	64				
6:45	36	83	103	398	46	54	112	309	215	707
7:00	36	72			44	52				
7:15	41	53			78	56				
7:30	54	52			81	44				
7:45	71	52	202	229	206	40	409	192	611	421
8:00	100	60			198	44				
8:15	88	57			216	38				
8:30	84	44			186	38				
8:45	96	46	368	207	152	34	752	154	1120	361
9:00	76	44			108	36				
9:15	76	42			94	21				
9:30	66	15			72	33				
9:45	66	21	284	122	64	23	338	113	622	235
10:00	60	28			60	24				
10:15	61	20			60	27				
10:30	48	19			67	16				
10:45	65	16	234	83	56	16	243	83	477	166
11:00	70	19			64	12				
11:15	66	7			54	6				
11:30	81	21			69	4				
11:45	78	6	295	53	63	2	250	24	545	77
Totals	1649	3391			2242	3353				
Combined Totals		5040				5595				
ADT										10635
AM Peak Hour	800	AM			745	AM				
Volume	368				806					
P.H.F.	0.920				0.933					
PM Peak Hour		500	PM			500	PM			
Volume		543				626				
P.H.F.		0.881				0.978				
Percentage	32.7%	67.3%			40.1%	59.9%				

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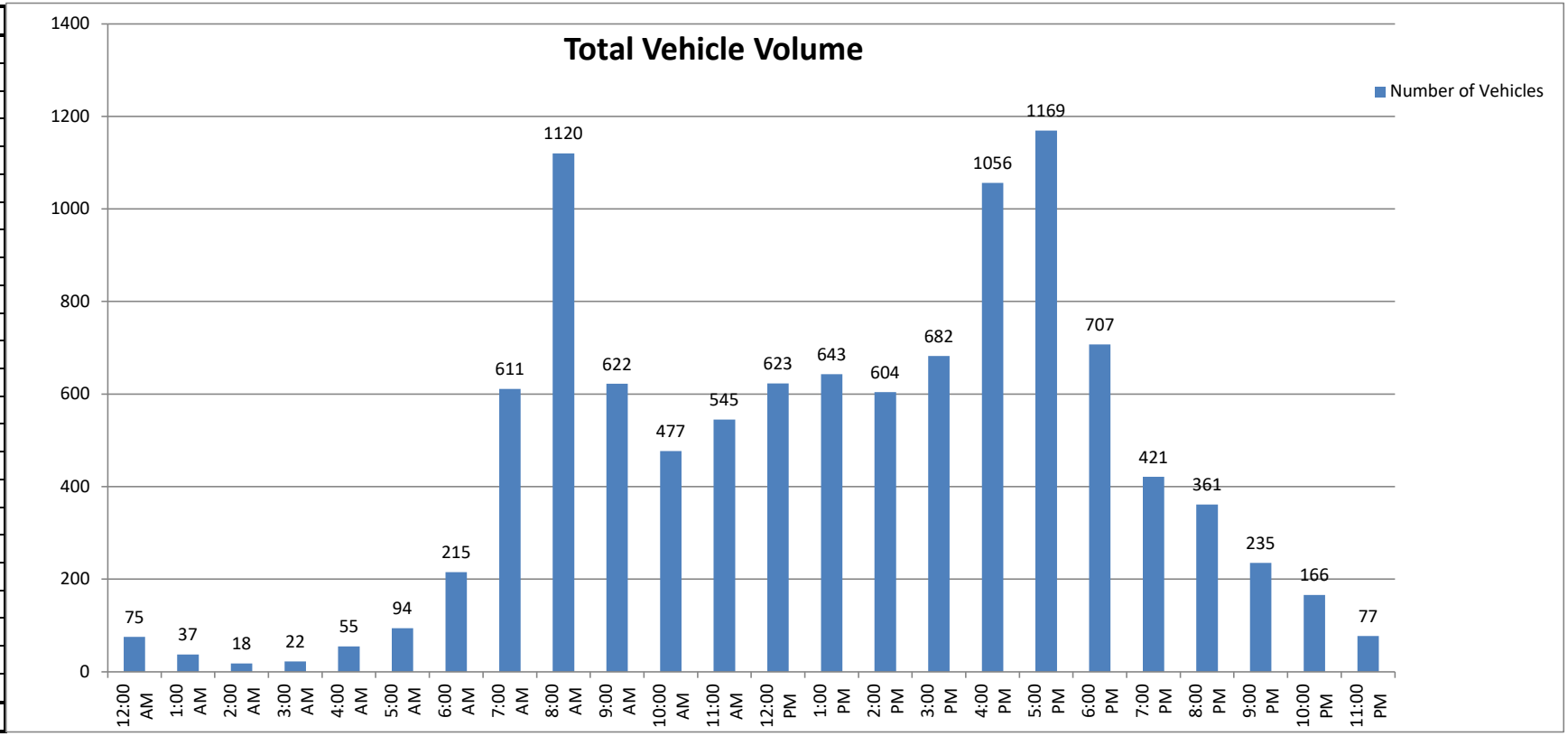
24 Hour Volume Plot

Alton Parkway
B/ Pacifica - Meridian

5/8/2024

Start Time	5/8/2024
12:00 AM	75
1:00 AM	37
2:00 AM	18
3:00 AM	22
4:00 AM	55
5:00 AM	94
6:00 AM	215
7:00 AM	611
8:00 AM	1120
9:00 AM	622
10:00 AM	477
11:00 AM	545
12:00 PM	623
1:00 PM	643
2:00 PM	604
3:00 PM	682
4:00 PM	1056
5:00 PM	1169
6:00 PM	707
7:00 PM	421
8:00 PM	361
9:00 PM	235
10:00 PM	166
11:00 PM	77
Total	10635



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Pacifica - Meridian

File Name 024
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	86			9	70				
12:15	12	88			4	79				
12:30	10	61			3	53				
12:45	10	67	41	301	4	93	20	295	60	596
1:00	7	66			3	80				
1:15	6	68			4	75				
1:30	4	75			5	70				
1:45	6	76	22	285	3	77	13	302	35	586
2:00	5	76			2	78				
2:15	2	79			1	75				
2:30	2	85			1	75				
2:45	4	90	13	329	2	71	6	299	19	628
3:00	2	100			3	70				
3:15	4	99			2	63				
3:30	3	98			1	98				
3:45	2	98	10	395	6	119	10	349	20	744
4:00	2	103			2	189				
4:15	3	129			5	169				
4:30	6	99			13	198				
4:45	7	128	18	459	15	158	34	713	52	1172
5:00	7	121			7	159				
5:15	12	130			9	185				
5:30	15	145			12	172				
5:45	15	138	48	534	17	136	45	652	93	1186
6:00	20	125			17	115				
6:15	22	116			27	87				
6:30	32	84			24	65				
6:45	37	88	111	412	45	61	113	328	223	740
7:00	36	67			47	55				
7:15	43	61			80	55				
7:30	53	54			97	37				
7:45	68	52	199	234	200	41	423	187	621	421
8:00	91	53			198	47				
8:15	98	51			221	36				
8:30	95	44			187	38				
8:45	88	49	371	197	167	35	772	156	1143	352
9:00	78	45			109	35				
9:15	80	42			101	27				
9:30	67	22			79	27				
9:45	69	27	294	134	78	19	366	107	660	241
10:00	67	28			63	22				
10:15	64	20			68	23				
10:30	53	19			66	17				
10:45	66	21	250	87	55	13	252	74	501	161
11:00	68	16			60	13				
11:15	69	11			54	8				
11:30	76	18			73	5				
11:45	83	7	295	51	60	3	246	28	541	79
Totals	1668	3415			2298	3488				
Combined Totals		5083				5785				
ADT										10868
AM Peak Hour	800	AM			745	AM				
Volume	371				805					
P.H.F.	0.951				0.913					
PM Peak Hour		515	PM			400	PM			
Volume		537				713				
P.H.F.		0.926				0.903				
Percentage	32.8%	67.2%			39.7%	60.3%				

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City of Irvine
Alton Parkway
B/ Royal Oak - Valley Oak

File Name 016
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	80			11	178				
12:15	9	114			4	120				
12:30	9	114			7	136				
12:45	7	112	37	420	6	120	28	554	65	974
1:00	7	112			2	90				
1:15	6	118			6	83				
1:30	4	98			6	84				
1:45	6	99	23	427	7	126	21	383	44	810
2:00	2	100			1	118				
2:15	2	132			4	137				
2:30	4	112			1	132				
2:45	0	104	8	448	5	160	11	547	19	995
3:00	1	126			2	146				
3:15	4	141			1	160				
3:30	7	139			2	198				
3:45	2	125	14	531	4	243	9	747	23	1278
4:00	3	158			5	248				
4:15	6	140			4	288				
4:30	14	165			3	314				
4:45	12	149	35	612	23	324	35	1174	70	1786
5:00	7	151			18	246				
5:15	3	158			15	327				
5:30	19	161			12	279				
5:45	35	181	64	651	31	240	76	1092	140	1743
6:00	41	144			20	226				
6:15	36	150			38	195				
6:30	60	120			41	125				
6:45	76	88	213	502	60	99	159	645	372	1147
7:00	58	84			70	83				
7:15	84	86			87	93				
7:30	88	72			127	63				
7:45	130	83	360	325	163	74	447	313	807	638
8:00	145	72			222	68				
8:15	192	66			226	42				
8:30	175	78			227	38				
8:45	166	62	678	278	226	62	901	210	1579	488
9:00	104	50			125	40				
9:15	115	52			116	36				
9:30	104	45			102	35				
9:45	102	28	425	175	88	28	431	139	856	314
10:00	89	33			89	30				
10:15	64	27			94	22				
10:30	84	24			103	20				
10:45	91	21	328	105	76	11	362	83	690	188
11:00	82	13			98	18				
11:15	97	19			102	16				
11:30	86	15			129	8				
11:45	98	10	363	57	141	13	470	55	833	112
Totals	2548	4531			2950	5942				
Combined Totals		7079				8892				
ADT										15971
AM Peak Hour	800	AM			800	AM				
Volume	678				901					
P.H.F.	0.883				0.992					
PM Peak Hour		500	PM			430	PM			
Volume		651				1211				
P.H.F.		0.899				0.926				
Percentage	36.0%	64.0%			33.2%	66.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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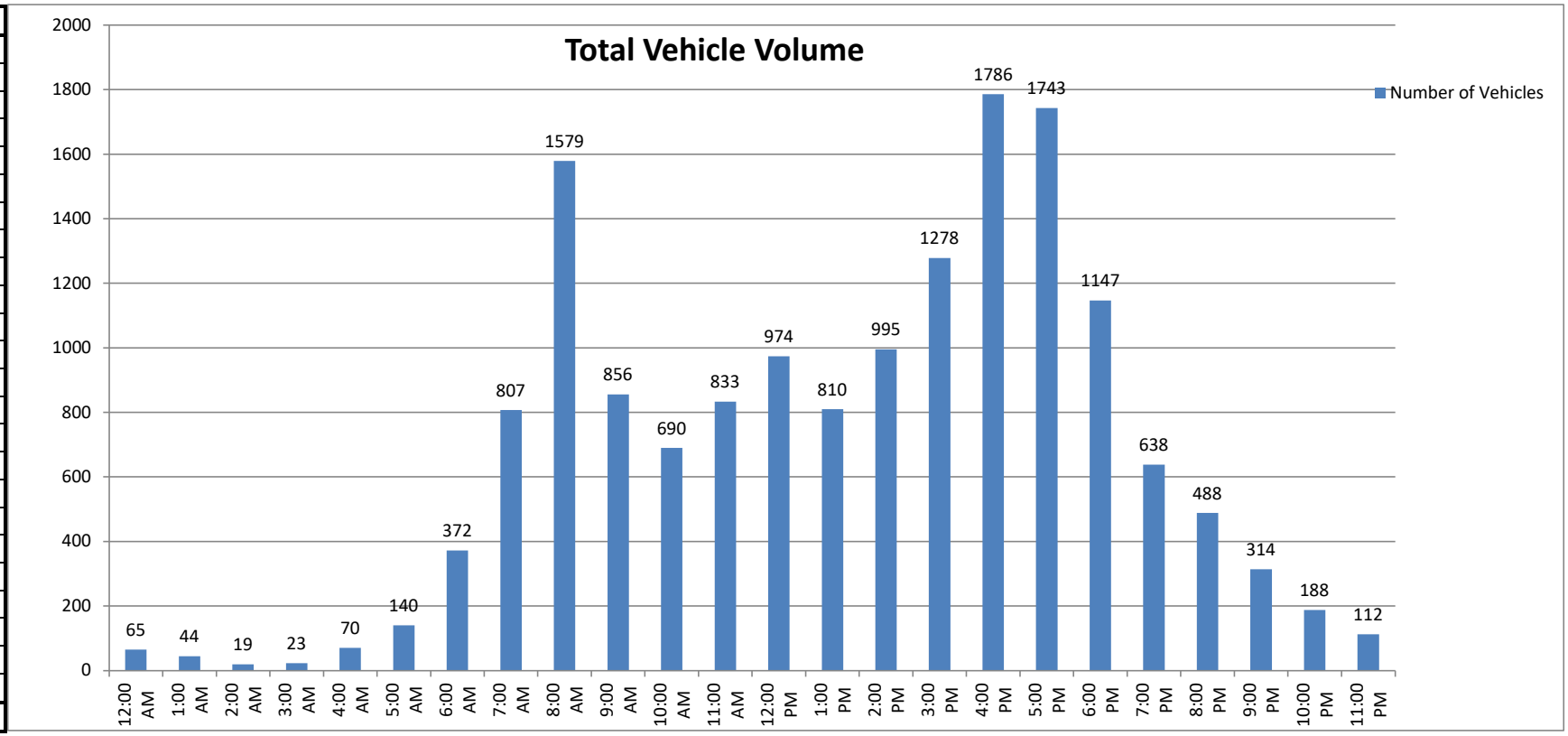
24 Hour Volume Plot

Alton Parkway
B/ Royal Oak - Valley Oak
5/7/2024

Start Time	5/7/2024
12:00 AM	65
1:00 AM	44
2:00 AM	19
3:00 AM	23
4:00 AM	70
5:00 AM	140
6:00 AM	372
7:00 AM	807
8:00 AM	1579
9:00 AM	856
10:00 AM	690
11:00 AM	833
12:00 PM	974
1:00 PM	810
2:00 PM	995
3:00 PM	1278
4:00 PM	1786
5:00 PM	1743
6:00 PM	1147
7:00 PM	638
8:00 PM	488
9:00 PM	314
10:00 PM	188
11:00 PM	112
Total	15971



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Alton Parkway
B/ Royal Oak - Valley Oak

File Name 016
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	94			13	172				
12:15	14	104			10	152				
12:30	9	110			6	104				
12:45	8	133	37	441	7	118	36	546	73	987
1:00	2	112			10	123				
1:15	3	120			3	104				
1:30	2	121			7	90				
1:45	4	110	11	463	4	109	24	426	35	889
2:00	4	119			6	116				
2:15	3	106			4	139				
2:30	4	118			5	122				
2:45	5	133	16	476	3	172	18	549	34	1025
3:00	3	96			1	167				
3:15	1	123			0	165				
3:30	0	116			3	170				
3:45	3	122	7	457	4	228	8	730	15	1187
4:00	3	116			2	262				
4:15	11	130			7	252				
4:30	16	156			10	292				
4:45	9	156	39	558	12	270	31	1076	70	1634
5:00	5	154			10	310				
5:15	11	150			12	313				
5:30	16	226			21	275				
5:45	35	192	67	722	24	256	67	1154	134	1876
6:00	36	148			26	177				
6:15	28	162			29	204				
6:30	48	160			30	128				
6:45	82	114	194	584	62	96	147	605	341	1189
7:00	68	88			56	108				
7:15	84	106			98	82				
7:30	106	79			120	82				
7:45	108	92	366	365	153	66	427	338	793	703
8:00	130	70			194	88				
8:15	157	78			218	58				
8:30	183	75			183	48				
8:45	157	68	627	291	201	50	796	244	1423	535
9:00	146	64			130	48				
9:15	102	38			98	31				
9:30	100	47			84	27				
9:45	112	26	460	175	102	32	414	138	874	313
10:00	75	28			93	37				
10:15	97	32			94	22				
10:30	75	22			104	22				
10:45	94	16	341	98	84	17	375	98	716	196
11:00	89	15			90	16				
11:15	81	14			106	11				
11:30	71	19			110	14				
11:45	88	12	329	60	152	8	458	49	787	109
Totals	2494	4690			2801	5953				
Combined Totals		7184				8754				
ADT										15938
AM Peak Hour	815	AM			800	AM				
Volume	643				796					
P.H.F.	0.878				0.913					
PM Peak Hour		530	PM			430	PM			
Volume		728				1185				
P.H.F.		0.805				0.946				
Percentage	34.7%	65.3%			32.0%	68.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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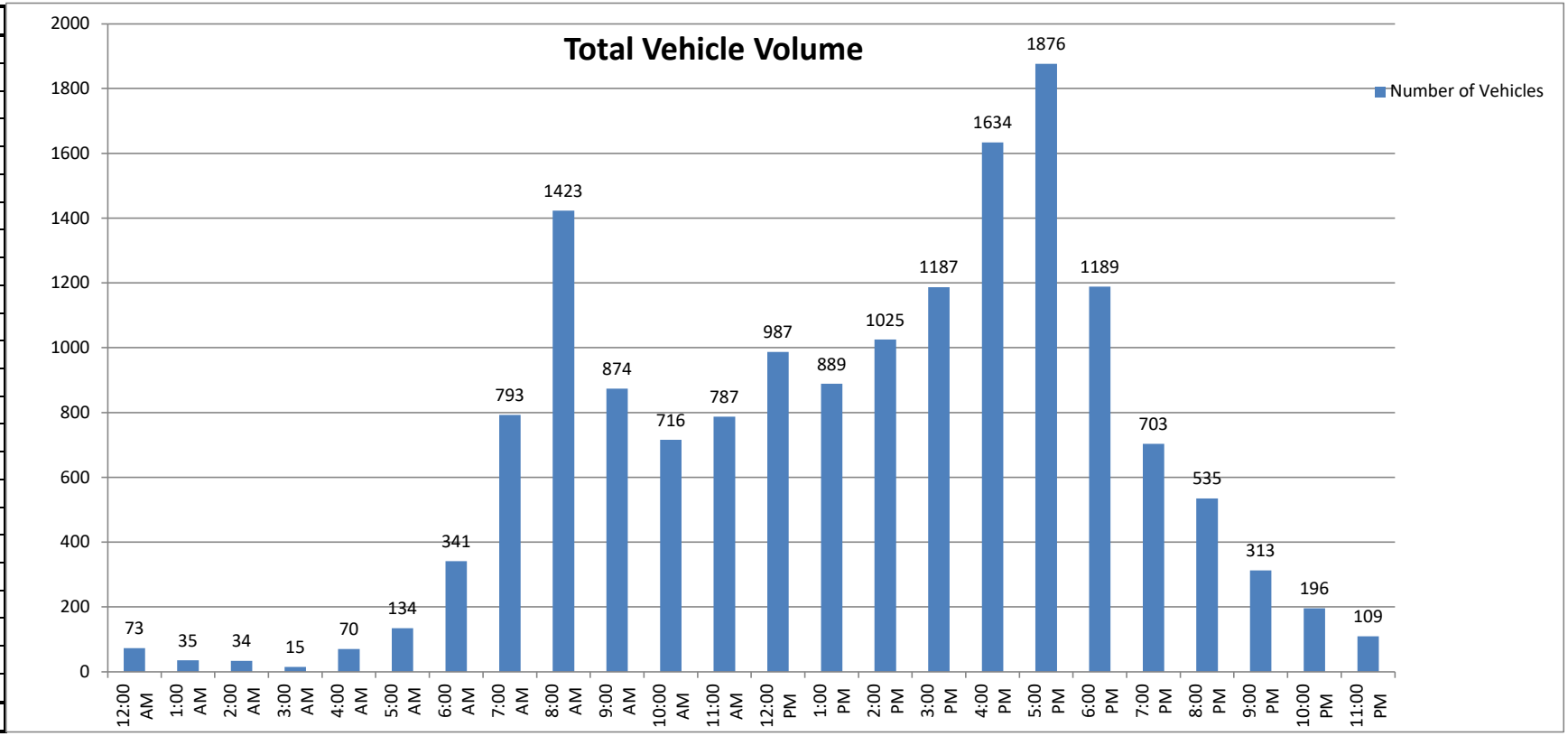
24 Hour Volume Plot

Alton Parkway
B/ Royal Oak - Valley Oak
5/8/2024

Start Time	5/8/2024
12:00 AM	73
1:00 AM	35
2:00 AM	34
3:00 AM	15
4:00 AM	70
5:00 AM	134
6:00 AM	341
7:00 AM	793
8:00 AM	1423
9:00 AM	874
10:00 AM	716
11:00 AM	787
12:00 PM	987
1:00 PM	889
2:00 PM	1025
3:00 PM	1187
4:00 PM	1634
5:00 PM	1876
6:00 PM	1189
7:00 PM	703
8:00 PM	535
9:00 PM	313
10:00 PM	196
11:00 PM	109
Total	15938



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City of Irvine
Alton Parkway
B/ Royal Oak - Valley Oak

File Name 016
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	87			12	175				
12:15	12	109			7	136				
12:30	9	112			7	120				
12:45	8	123	37	431	7	119	32	550	69	981
1:00	5	112			6	107				
1:15	5	119			5	94				
1:30	3	110			7	87				
1:45	5	105	17	445	6	118	23	405	40	850
2:00	3	110			4	117				
2:15	3	119			4	138				
2:30	4	115			3	127				
2:45	3	119	12	462	4	166	15	548	27	1010
3:00	2	111			2	157				
3:15	3	132			1	163				
3:30	4	128			3	184				
3:45	3	124	11	494	4	236	9	739	19	1233
4:00	3	137			4	255				
4:15	9	135			6	270				
4:30	15	161			7	303				
4:45	11	153	37	585	18	297	33	1125	70	1710
5:00	6	153			14	278				
5:15	7	154			14	320				
5:30	18	194			17	277				
5:45	35	187	66	687	28	248	72	1123	137	1810
6:00	39	146			23	202				
6:15	32	156			34	200				
6:30	54	140			36	127				
6:45	79	101	204	543	61	98	153	625	357	1168
7:00	63	86			63	96				
7:15	84	96			93	88				
7:30	97	76			124	73				
7:45	119	88	363	345	158	70	437	326	800	671
8:00	138	71			208	78				
8:15	175	72			222	50				
8:30	179	77			205	43				
8:45	162	65	653	285	214	56	849	227	1501	512
9:00	125	57			128	44				
9:15	109	45			107	34				
9:30	102	46			93	31				
9:45	107	27	443	175	95	30	423	139	865	314
10:00	82	31			91	34				
10:15	81	30			94	22				
10:30	80	23			104	21				
10:45	93	19	335	102	80	14	369	91	703	192
11:00	86	14			94	17				
11:15	89	17			104	14				
11:30	79	17			120	11				
11:45	93	11	346	59	147	11	464	52	810	111
Totals	2521	4611			2876	5948				
Combined Totals		7132				8823				
ADT										15955
AM Peak Hour	800	AM			800	AM				
Volume	653				849					
P.H.F.	0.911				0.956					
PM Peak Hour		500	PM			430	PM			
Volume		687				1198				
P.H.F.		0.887				0.936				
Percentage	35.4%	64.6%			32.6%	67.4%				

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City of Irvine
Alton Parkway
B/ San Marino - Culver Drive

File Name 009
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	150			14	197				
12:15	8	147			5	194				
12:30	5	160			8	169				
12:45	7	151	33	608	5	185	32	745	65	1353
1:00	3	144			7	170				
1:15	2	173			5	195				
1:30	6	181			6	190				
1:45	5	147	16	645	2	195	20	750	36	1395
2:00	4	182			10	181				
2:15	6	149			5	151				
2:30	4	165			12	252				
2:45	5	159	19	655	1	188	28	772	47	1427
3:00	1	167			2	178				
3:15	0	156			1	182				
3:30	2	141			3	192				
3:45	5	171	8	635	5	202	11	754	19	1389
4:00	8	172			3	229				
4:15	4	216			5	220				
4:30	7	187			8	246				
4:45	15	204	34	779	16	186	32	881	66	1660
5:00	6	190			14	224				
5:15	3	218			16	200				
5:30	21	188			17	242				
5:45	22	213	52	809	29	191	76	857	128	1666
6:00	30	234			34	235				
6:15	20	146			36	158				
6:30	29	149			41	182				
6:45	45	150	124	679	55	173	166	748	290	1427
7:00	54	120			52	177				
7:15	77	112			62	136				
7:30	80	119			109	129				
7:45	115	82	326	433	120	82	343	524	669	957
8:00	146	103			180	102				
8:15	167	123			178	115				
8:30	117	67			246	78				
8:45	147	66	577	359	189	81	793	376	1370	735
9:00	109	68			151	68				
9:15	97	67			145	45				
9:30	104	60			142	40				
9:45	106	44	416	239	138	38	576	191	992	430
10:00	75	49			157	44				
10:15	110	46			154	24				
10:30	109	24			143	33				
10:45	106	21	400	140	162	19	616	120	1016	260
11:00	112	28			178	22				
11:15	138	28			170	19				
11:30	135	8			190	12				
11:45	133	14	518	78	211	11	749	64	1267	142
Totals	2523	6059			3442	6782				
Combined Totals		8582				10224				
ADT										18806
AM Peak Hour	800 AM				800 AM					
Volume	577				793					
P.H.F.	0.864				0.806					
PM Peak Hour		515 PM				345 PM				
Volume		853				897				
P.H.F.		0.911				0.912				
Percentage	29.4%	70.6%			33.7%	66.3%				

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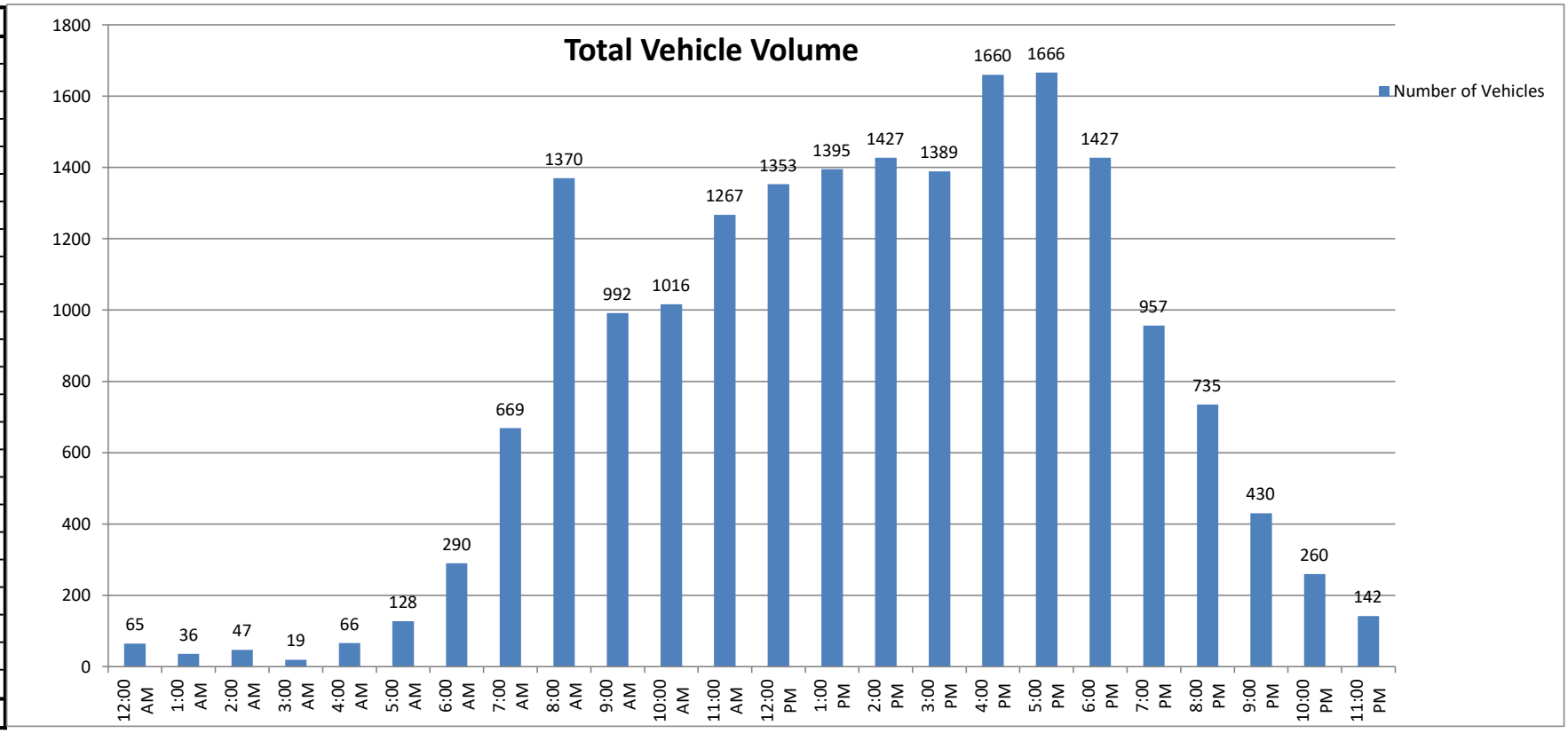
24 Hour Volume Plot

Alton Parkway
B/ San Marino - Culver Drive

1/17/2024

Start Time	1/17/2024
12:00 AM	65
1:00 AM	36
2:00 AM	47
3:00 AM	19
4:00 AM	66
5:00 AM	128
6:00 AM	290
7:00 AM	669
8:00 AM	1370
9:00 AM	992
10:00 AM	1016
11:00 AM	1267
12:00 PM	1353
1:00 PM	1395
2:00 PM	1427
3:00 PM	1389
4:00 PM	1660
5:00 PM	1666
6:00 PM	1427
7:00 PM	957
8:00 PM	735
9:00 PM	430
10:00 PM	260
11:00 PM	142
Total	18806



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ San Marino - Culver Drive

File Name 009
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	156			9	208				
12:15	7	145			10	198				
12:30	8	167			7	159				
12:45	8	161	36	629	5	184	31	749	67	1378
1:00	6	139			7	179				
1:15	5	137			5	180				
1:30	6	159			9	176				
1:45	2	167	19	602	2	141	23	676	42	1278
2:00	6	151			8	169				
2:15	6	159			3	191				
2:30	4	157			11	189				
2:45	3	159	19	626	2	183	24	732	43	1358
3:00	1	149			6	234				
3:15	3	142			4	200				
3:30	3	145			2	209				
3:45	3	166	10	602	4	182	16	825	26	1427
4:00	6	168			6	227				
4:15	5	185			7	195				
4:30	7	184			7	231				
4:45	15	197	33	734	18	181	38	834	71	1568
5:00	8	184			22	215				
5:15	11	255			20	201				
5:30	20	238			19	234				
5:45	30	210	69	887	28	204	89	854	158	1741
6:00	27	177			34	218				
6:15	30	166			31	150				
6:30	41	150			51	173				
6:45	38	144	136	637	69	152	185	693	321	1330
7:00	58	107			61	135				
7:15	76	104			65	133				
7:30	103	114			123	132				
7:45	105	121	342	446	122	86	371	486	713	932
8:00	156	119			170	92				
8:15	142	86			204	94				
8:30	119	93			215	75				
8:45	134	58	551	356	180	66	769	327	1320	683
9:00	103	73			171	64				
9:15	112	54			131	65				
9:30	105	38			155	52				
9:45	105	42	425	207	122	39	579	220	1004	427
10:00	117	44			156	33				
10:15	95	32			127	37				
10:30	100	28			164	22				
10:45	119	12	431	116	165	18	612	110	1043	226
11:00	99	25			162	21				
11:15	108	25			163	20				
11:30	128	15			171	12				
11:45	154	15	489	80	195	15	691	68	1180	148
Totals	2560	5922			3428	6574				
Combined Totals		8482				10002				
ADT										18484
AM Peak Hour	800	AM			815	AM				
Volume	551				770					
P.H.F.	0.883				0.895					
PM Peak Hour		500	PM			515	PM			
Volume		887				857				
P.H.F.		0.870				0.916				
Percentage	30.2%	69.8%			34.3%	65.7%				

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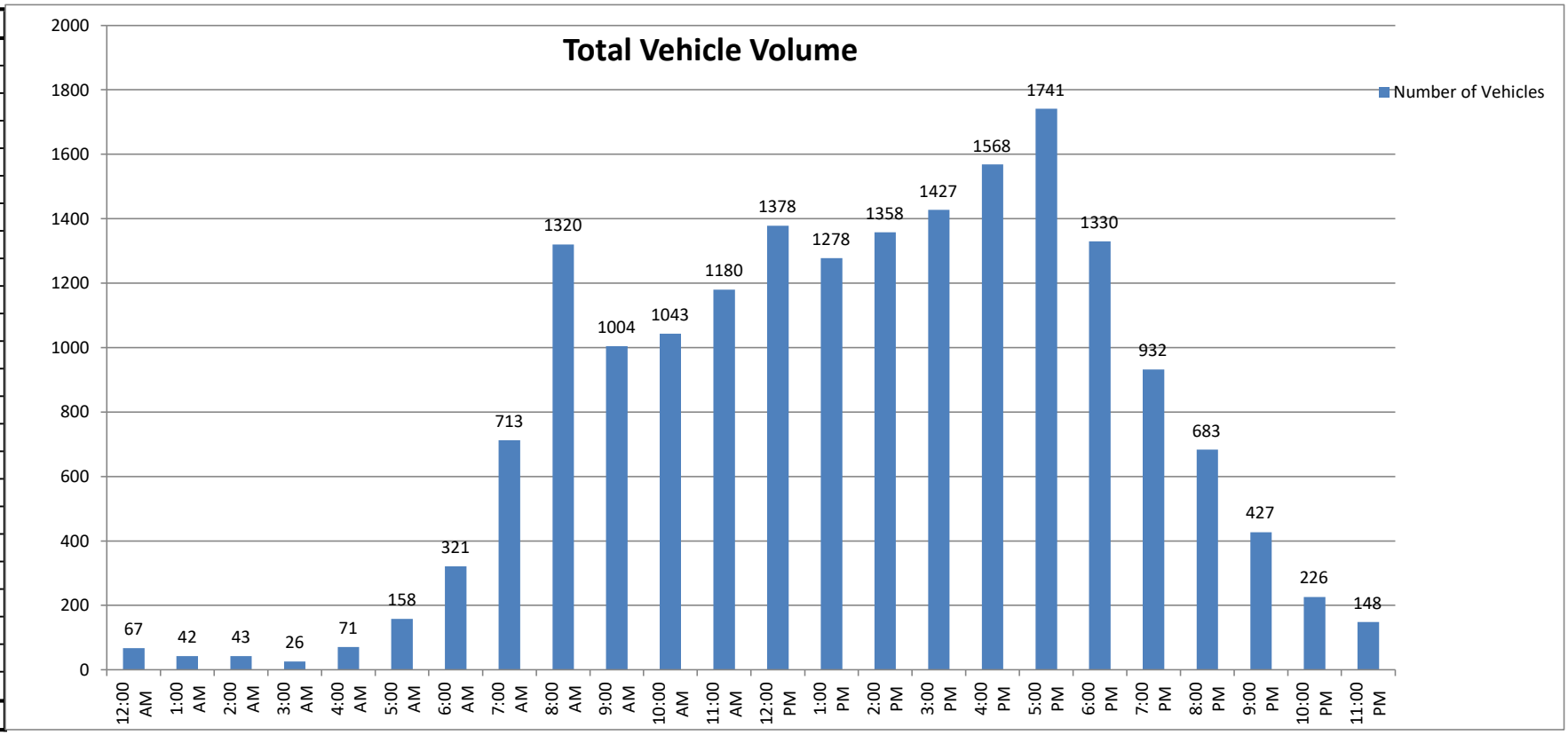
24 Hour Volume Plot

Alton Parkway
B/ San Marino - Culver Drive
1/18/2024

Start Time	1/18/2024
12:00 AM	67
1:00 AM	42
2:00 AM	43
3:00 AM	26
4:00 AM	71
5:00 AM	158
6:00 AM	321
7:00 AM	713
8:00 AM	1320
9:00 AM	1004
10:00 AM	1043
11:00 AM	1180
12:00 PM	1378
1:00 PM	1278
2:00 PM	1358
3:00 PM	1427
4:00 PM	1568
5:00 PM	1741
6:00 PM	1330
7:00 PM	932
8:00 PM	683
9:00 PM	427
10:00 PM	226
11:00 PM	148
Total	18484



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ San Marino - Culver Drive

File Name 009
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	153			12	203				
12:15	8	146			8	196				
12:30	7	164			8	164				
12:45	8	156	35	619	5	185	32	747	66	1366
1:00	5	142			7	175				
1:15	4	155			5	188				
1:30	6	170			8	183				
1:45	4	157	18	624	2	168	22	713	39	1337
2:00	5	167			9	175				
2:15	6	154			4	171				
2:30	4	161			12	221				
2:45	4	159	19	641	2	186	26	752	45	1393
3:00	1	158			4	206				
3:15	2	149			3	191				
3:30	3	143			3	201				
3:45	4	169	9	619	5	192	14	790	23	1408
4:00	7	170			5	228				
4:15	5	201			6	208				
4:30	7	186			8	239				
4:45	15	201	34	757	17	184	35	858	69	1614
5:00	7	187			18	220				
5:15	7	237			18	201				
5:30	21	213			18	238				
5:45	26	212	61	848	29	198	83	856	143	1704
6:00	29	206			34	227				
6:15	25	156			34	154				
6:30	35	150			46	178				
6:45	42	147	130	658	62	163	176	721	306	1379
7:00	56	114			57	156				
7:15	77	108			64	135				
7:30	92	117			116	131				
7:45	110	102	334	440	121	84	357	505	691	945
8:00	151	111			175	97				
8:15	155	105			191	105				
8:30	118	80			231	77				
8:45	141	62	564	358	185	74	781	352	1345	709
9:00	106	71			161	66				
9:15	105	61			138	55				
9:30	105	49			149	46				
9:45	106	43	421	223	130	39	578	206	998	429
10:00	96	47			157	39				
10:15	103	39			141	31				
10:30	105	26			154	28				
10:45	113	17	416	128	164	19	614	115	1030	243
11:00	106	27			170	22				
11:15	123	27			167	20				
11:30	132	12			181	12				
11:45	144	15	504	79	203	13	720	66	1224	145
Totals	2542	5991			3435	6678				
Combined Totals		8532				10113				
ADT										18645
AM Peak Hour	800 AM				800 AM					
Volume	564				781					
P.H.F.	0.913				0.847					
PM Peak Hour		515 PM				345 PM				
Volume		867				866				
P.H.F.		0.916				0.908				
Percentage	29.8%	70.2%			34.0%	66.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Alton Parkway
B/ Sand Canyon Avenue - Hospital

File Name 018
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	139			29	249				
12:15	16	136			22	175				
12:30	12	178			47	185				
12:45	12	168	59	621	20	168	118	777	177	1398
1:00	4	165			7	177				
1:15	5	177			10	194				
1:30	9	245			15	178				
1:45	6	179	24	766	12	158	44	707	68	1473
2:00	7	172			10	202				
2:15	8	205			10	219				
2:30	10	194			16	299				
2:45	5	191	30	762	4	243	40	963	70	1725
3:00	5	173			3	271				
3:15	8	189			9	232				
3:30	6	193			5	284				
3:45	8	142	27	697	4	212	21	999	48	1696
4:00	15	130			4	281				
4:15	23	163			8	230				
4:30	66	116			5	347				
4:45	80	153	184	562	12	308	29	1166	213	1728
5:00	37	144			16	350				
5:15	42	134			11	341				
5:30	51	160			14	308				
5:45	86	158	216	596	22	269	63	1268	279	1864
6:00	81	147			29	245				
6:15	93	117			23	202				
6:30	127	112			36	175				
6:45	174	97	475	473	51	132	139	754	614	1227
7:00	152	92			66	131				
7:15	149	86			74	91				
7:30	216	99			128	94				
7:45	195	52	712	329	172	70	440	386	1152	715
8:00	246	65			244	78				
8:15	268	41			199	72				
8:30	340	86			208	87				
8:45	307	59	1161	251	189	78	840	315	2001	566
9:00	258	63			174	68				
9:15	222	31			128	41				
9:30	212	45			141	47				
9:45	207	34	899	173	130	35	573	191	1472	364
10:00	180	44			136	57				
10:15	174	33			143	47				
10:30	167	38			160	46				
10:45	182	29	703	144	167	29	606	179	1309	323
11:00	132	24			179	41				
11:15	147	19			162	20				
11:30	145	37			182	59				
11:45	126	23	550	103	183	27	706	147	1256	250
Totals	5040	5477			3619	7852				
Combined Totals		10517				11471				
ADT										21988
AM Peak Hour	815	AM			800	AM				
Volume	1173				840					
P.H.F.	0.863				0.861					
PM Peak Hour		130	PM			430	PM			
Volume		801				1346				
P.H.F.		0.817				0.961				
Percentage	47.9%	52.1%			31.5%	68.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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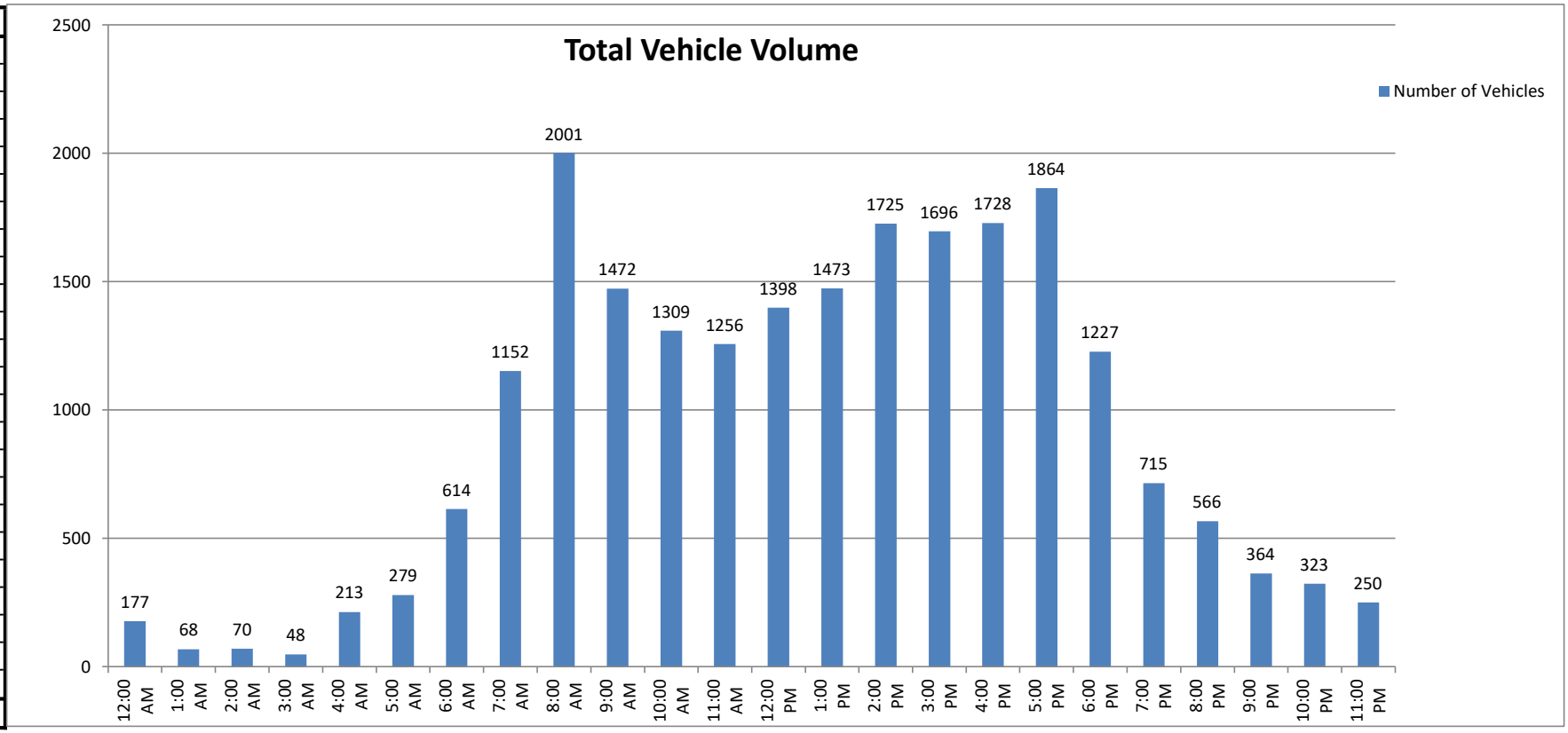
24 Hour Volume Plot

Alton Parkway
B/ Sand Canyon Avenue - Hospital
1/17/2024

Start Time	1/17/2024
12:00 AM	177
1:00 AM	68
2:00 AM	70
3:00 AM	48
4:00 AM	213
5:00 AM	279
6:00 AM	614
7:00 AM	1152
8:00 AM	2001
9:00 AM	1472
10:00 AM	1309
11:00 AM	1256
12:00 PM	1398
1:00 PM	1473
2:00 PM	1725
3:00 PM	1696
4:00 PM	1728
5:00 PM	1864
6:00 PM	1227
7:00 PM	715
8:00 PM	566
9:00 PM	364
10:00 PM	323
11:00 PM	250
Total	21988



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Sand Canyon Avenue - Hospital

File Name 018
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	144			21	224				
12:15	11	132			27	199				
12:30	13	170			44	189				
12:45	12	181	56	627	13	150	105	762	161	1389
1:00	4	175			14	141				
1:15	5	188			10	186				
1:30	8	174			15	185				
1:45	6	188	23	725	9	174	48	686	71	1411
2:00	6	163			8	229				
2:15	2	197			5	217				
2:30	3	220			8	309				
2:45	6	168	17	748	7	213	28	968	45	1716
3:00	6	201			5	262				
3:15	12	171			7	241				
3:30	5	175			6	295				
3:45	14	134	37	681	6	281	24	1079	61	1760
4:00	15	141			5	301				
4:15	27	142			6	277				
4:30	65	150			8	313				
4:45	82	136	189	569	17	319	36	1210	225	1779
5:00	42	146			21	362				
5:15	34	150			14	344				
5:30	67	170			17	318				
5:45	103	149	246	615	24	275	76	1299	322	1914
6:00	85	130			44	226				
6:15	114	115			35	172				
6:30	131	123			51	160				
6:45	164	127	494	495	50	128	180	686	674	1181
7:00	170	101			63	124				
7:15	168	89			60	99				
7:30	205	101			135	114				
7:45	209	66	752	357	180	89	438	426	1190	783
8:00	244	62			237	76				
8:15	253	53			196	68				
8:30	280	79			201	105				
8:45	256	70	1033	264	209	80	843	329	1876	593
9:00	253	74			184	66				
9:15	223	37			130	66				
9:30	226	41			132	50				
9:45	215	32	917	184	180	50	626	232	1543	416
10:00	159	37			165	57				
10:15	168	30			134	40				
10:30	132	39			163	60				
10:45	183	33	642	139	138	39	600	196	1242	335
11:00	131	28			160	34				
11:15	152	27			169	30				
11:30	133	45			192	77				
11:45	128	17	544	117	182	36	703	177	1247	294
Totals	4950	5521			3707	8050				
Combined Totals		10471				11757				
ADT										22228
AM Peak Hour	815	AM			800	AM				
Volume	1042				843					
P.H.F.	0.930				0.889					
PM Peak Hour		215	PM			445	PM			
Volume		786				1343				
P.H.F.		0.893				0.927				
Percentage	47.3%	52.7%			31.5%	68.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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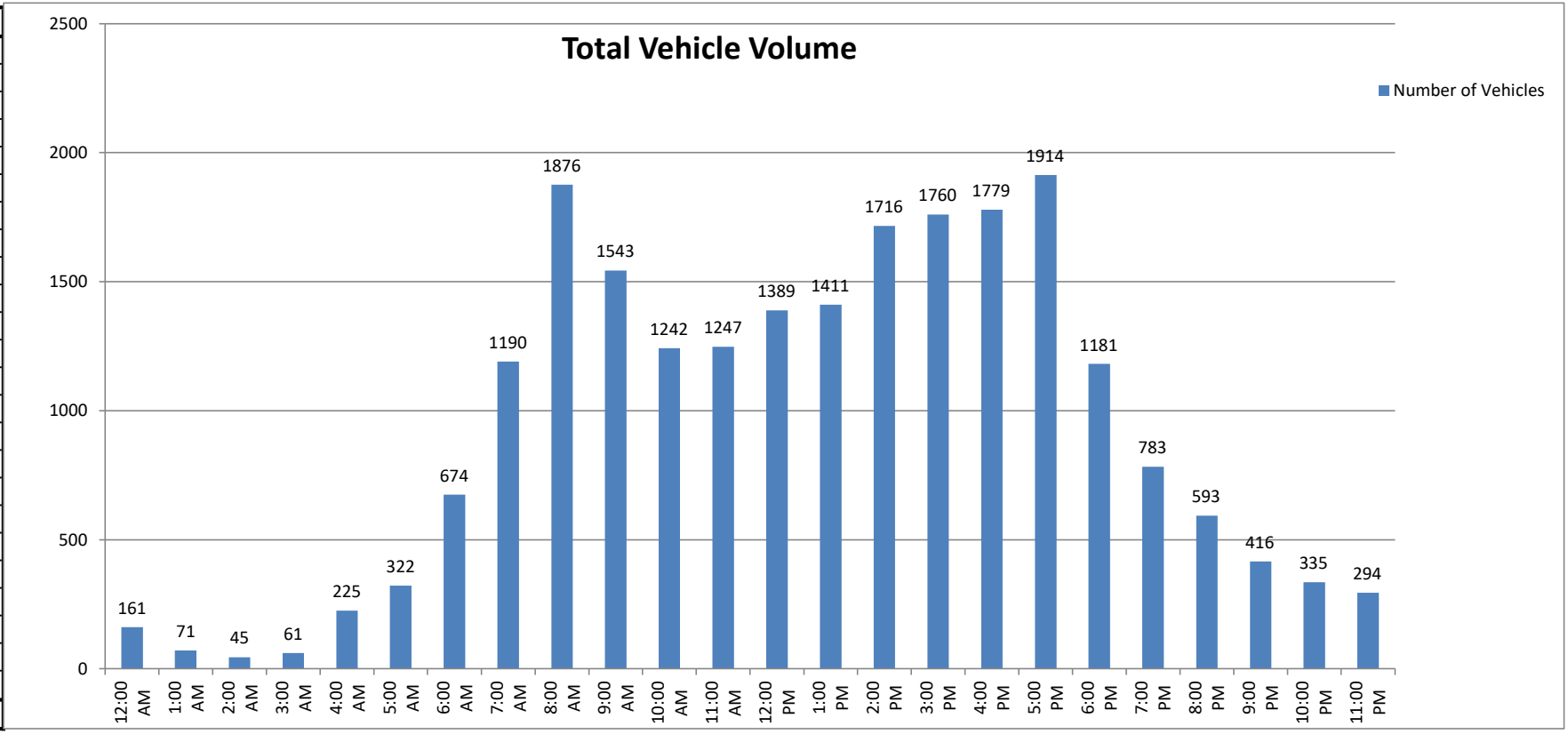
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Sand Canyon Avenue - Hospital

1/18/2024

Start Time	1/18/2024
12:00 AM	161
1:00 AM	71
2:00 AM	45
3:00 AM	61
4:00 AM	225
5:00 AM	322
6:00 AM	674
7:00 AM	1190
8:00 AM	1876
9:00 AM	1543
10:00 AM	1242
11:00 AM	1247
12:00 PM	1389
1:00 PM	1411
2:00 PM	1716
3:00 PM	1760
4:00 PM	1779
5:00 PM	1914
6:00 PM	1181
7:00 PM	783
8:00 PM	593
9:00 PM	416
10:00 PM	335
11:00 PM	294
Total	22228



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Sand Canyon Avenue - Hospital

File Name 018
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	142			25	237				
12:15	14	134			25	187				
12:30	13	174			46	187				
12:45	12	175	58	624	17	159	112	770	169	1394
1:00	4	170			11	159				
1:15	5	183			10	190				
1:30	9	210			15	182				
1:45	6	184	24	746	11	166	46	697	70	1442
2:00	7	168			9	216				
2:15	5	201			8	218				
2:30	7	207			12	304				
2:45	6	180	24	755	6	228	34	966	58	1721
3:00	6	187			4	267				
3:15	10	180			8	237				
3:30	6	184			6	290				
3:45	11	138	32	689	5	247	23	1039	55	1728
4:00	15	136			5	291				
4:15	25	153			7	254				
4:30	66	133			7	330				
4:45	81	145	187	566	15	314	33	1188	219	1754
5:00	40	145			19	356				
5:15	38	142			13	343				
5:30	59	165			16	313				
5:45	95	154	231	606	23	272	70	1284	301	1889
6:00	83	139			37	236				
6:15	104	116			29	187				
6:30	129	118			44	168				
6:45	169	112	485	484	51	130	160	720	644	1204
7:00	161	97			65	128				
7:15	159	88			67	95				
7:30	211	100			132	104				
7:45	202	59	732	343	176	80	439	406	1171	749
8:00	245	64			241	77				
8:15	261	47			198	70				
8:30	310	83			205	96				
8:45	282	65	1097	258	199	79	842	322	1939	580
9:00	256	69			179	67				
9:15	223	34			129	54				
9:30	219	43			137	49				
9:45	211	33	908	179	155	43	600	212	1508	390
10:00	170	41			151	57				
10:15	171	32			139	44				
10:30	150	39			162	53				
10:45	183	31	673	142	153	34	603	188	1276	329
11:00	132	26			170	38				
11:15	150	23			166	25				
11:30	139	41			187	68				
11:45	127	20	547	110	183	32	705	162	1252	272
Totals	4995	5499			3663	7951				
Combined Totals		10494				11614				
ADT										22108
AM Peak Hour	815	AM			800	AM				
Volume	1108				842					
P.H.F.	0.893				0.875					
PM Peak Hour		215	PM			430	PM			
Volume		775				1342				
P.H.F.		0.935				0.942				
Percentage	47.6%	52.4%			31.5%	68.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Technology East - Barranca Parkway

File Name 032
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	214			37	196				
12:15	29	194			31	178				
12:30	14	234			23	197				
12:45	24	211	89	853	27	155	118	726	207	1579
1:00	22	219			14	159				
1:15	22	203			17	208				
1:30	20	243			28	242				
1:45	27	214	91	879	18	189	77	798	168	1677
2:00	20	183			12	208				
2:15	17	219			10	181				
2:30	36	181			13	228				
2:45	47	206	120	789	6	187	41	804	161	1593
3:00	35	214			8	193				
3:15	43	209			6	156				
3:30	54	205			17	199				
3:45	92	209	224	837	13	158	44	706	268	1543
4:00	39	227			15	224				
4:15	63	252			14	153				
4:30	134	263			29	210				
4:45	211	283	447	1025	28	175	86	762	533	1787
5:00	134	310			35	228				
5:15	137	334			46	166				
5:30	172	297			49	160				
5:45	174	288	617	1229	53	138	183	692	800	1921
6:00	172	236			54	135				
6:15	177	217			58	108				
6:30	173	218			95	138				
6:45	181	202	703	873	113	109	320	490	1023	1363
7:00	202	191			137	92				
7:15	172	160			156	102				
7:30	241	131			210	86				
7:45	250	128	865	610	244	66	747	346	1612	956
8:00	273	134			243	57				
8:15	235	116			249	59				
8:30	226	110			253	91				
8:45	193	108	927	468	236	70	981	277	1908	745
9:00	170	81			182	67				
9:15	153	74			176	86				
9:30	177	68			177	57				
9:45	164	66	664	289	173	50	708	260	1372	549
10:00	147	72			157	60				
10:15	150	59			151	60				
10:30	135	63			148	65				
10:45	180	55	612	249	135	50	591	235	1203	484
11:00	146	54			169	60				
11:15	171	36			152	42				
11:30	190	36			190	43				
11:45	237	30	744	156	188	47	699	192	1443	348
Totals	6103	8257			4595	6288				
Combined Totals		14360				10883				
ADT										25243
AM Peak Hour	730	AM			745	AM				
Volume	999				989					
P.H.F.	0.915				0.977					
PM Peak Hour		500	PM			115	PM			
Volume		1229				847				
P.H.F.		0.920				0.875				
Percentage	42.5%	57.5%			42.2%	57.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

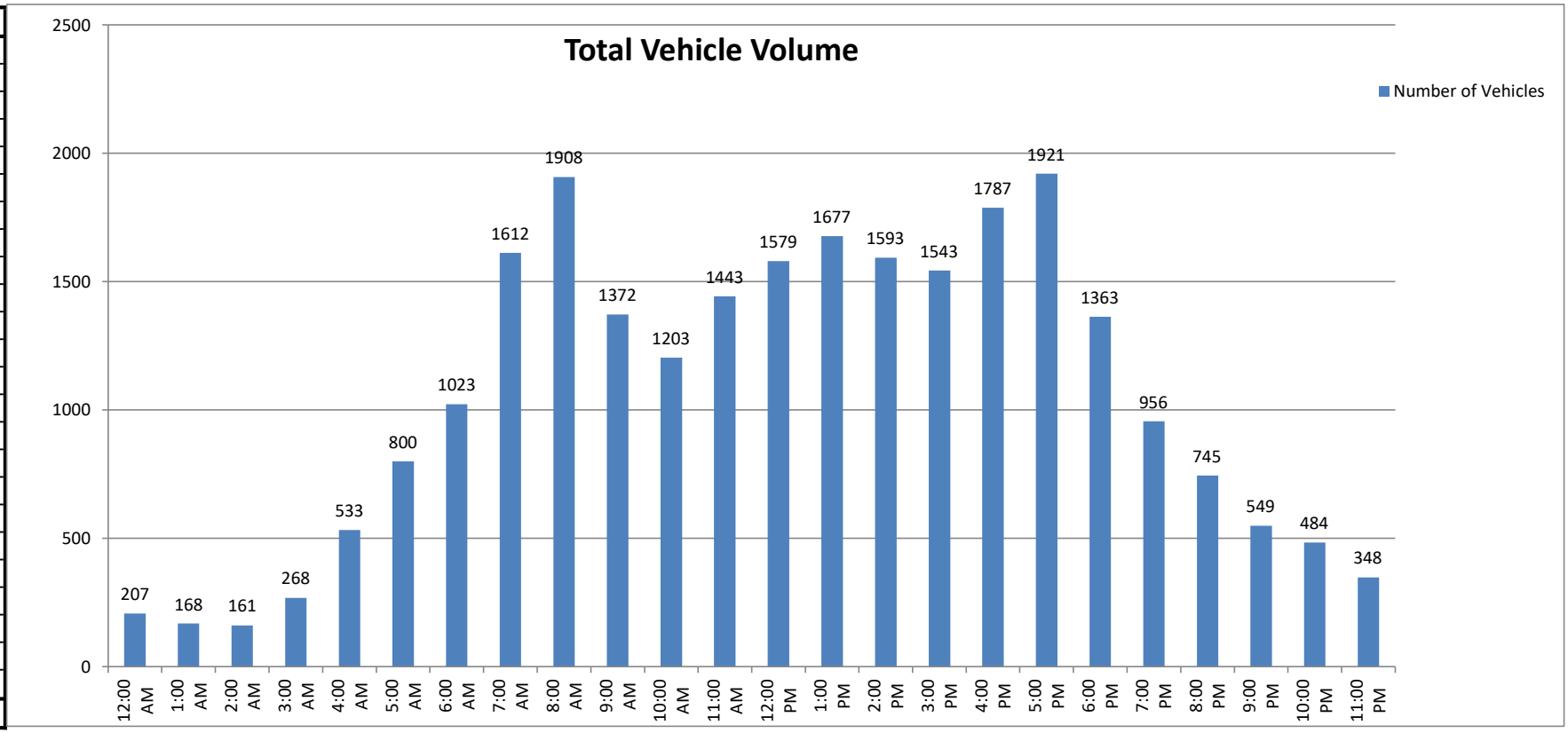
24 Hour Volume Plot

Alton Parkway

B/ Technology East - Barranca Parkway

1/24/2024

Start Time	1/24/2024
12:00 AM	207
1:00 AM	168
2:00 AM	161
3:00 AM	268
4:00 AM	533
5:00 AM	800
6:00 AM	1023
7:00 AM	1612
8:00 AM	1908
9:00 AM	1372
10:00 AM	1203
11:00 AM	1443
12:00 PM	1579
1:00 PM	1677
2:00 PM	1593
3:00 PM	1543
4:00 PM	1787
5:00 PM	1921
6:00 PM	1363
7:00 PM	956
8:00 PM	745
9:00 PM	549
10:00 PM	484
11:00 PM	348
Total	25243



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Technology East - Barranca Parkway

File Name 032
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	195			36	191				
12:15	34	215			30	156				
12:30	16	216			17	194				
12:45	34	236	120	862	27	165	110	706	230	1568
1:00	12	208			19	154				
1:15	16	235			12	202				
1:30	28	237			24	246				
1:45	27	195	83	875	25	197	80	799	163	1674
2:00	23	206			16	200				
2:15	22	207			18	193				
2:30	39	204			7	268				
2:45	51	193	135	810	9	184	50	845	185	1655
3:00	37	208			7	218				
3:15	41	201			14	168				
3:30	54	240			20	218				
3:45	99	211	231	860	13	171	54	775	285	1635
4:00	49	216			14	196				
4:15	53	253			24	175				
4:30	136	263			30	209				
4:45	215	254	453	986	23	169	91	749	544	1735
5:00	120	289			41	228				
5:15	127	310			36	171				
5:30	183	274			56	175				
5:45	203	259	633	1132	49	158	182	732	815	1864
6:00	179	263			60	144				
6:15	176	227			65	130				
6:30	182	191			101	121				
6:45	221	187	758	868	106	99	332	494	1090	1362
7:00	183	168			169	108				
7:15	160	131			187	103				
7:30	197	140			259	77				
7:45	221	137	761	576	256	72	871	360	1632	936
8:00	201	136			268	92				
8:15	271	106			283	73				
8:30	210	115			276	91				
8:45	195	106	877	463	244	51	1071	307	1948	770
9:00	195	73			183	84				
9:15	169	81			212	71				
9:30	139	79			181	70				
9:45	159	94	662	327	154	39	730	264	1392	591
10:00	194	61			131	70				
10:15	155	73			158	57				
10:30	148	83			160	61				
10:45	156	50	653	267	150	48	599	236	1252	503
11:00	157	39			133	47				
11:15	179	32			162	44				
11:30	196	41			179	46				
11:45	222	35	754	147	200	30	674	167	1428	314
Totals	6120	8173			4844	6434				
Combined Totals		14293				11278				
ADT										25571
AM Peak Hour	745	AM			745	AM				
Volume	903				1083					
P.H.F.	0.833				0.957					
PM Peak Hour		500	PM			215	PM			
Volume		1132				863				
P.H.F.		0.913				0.805				
Percentage	42.8%	57.2%			43.0%	57.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

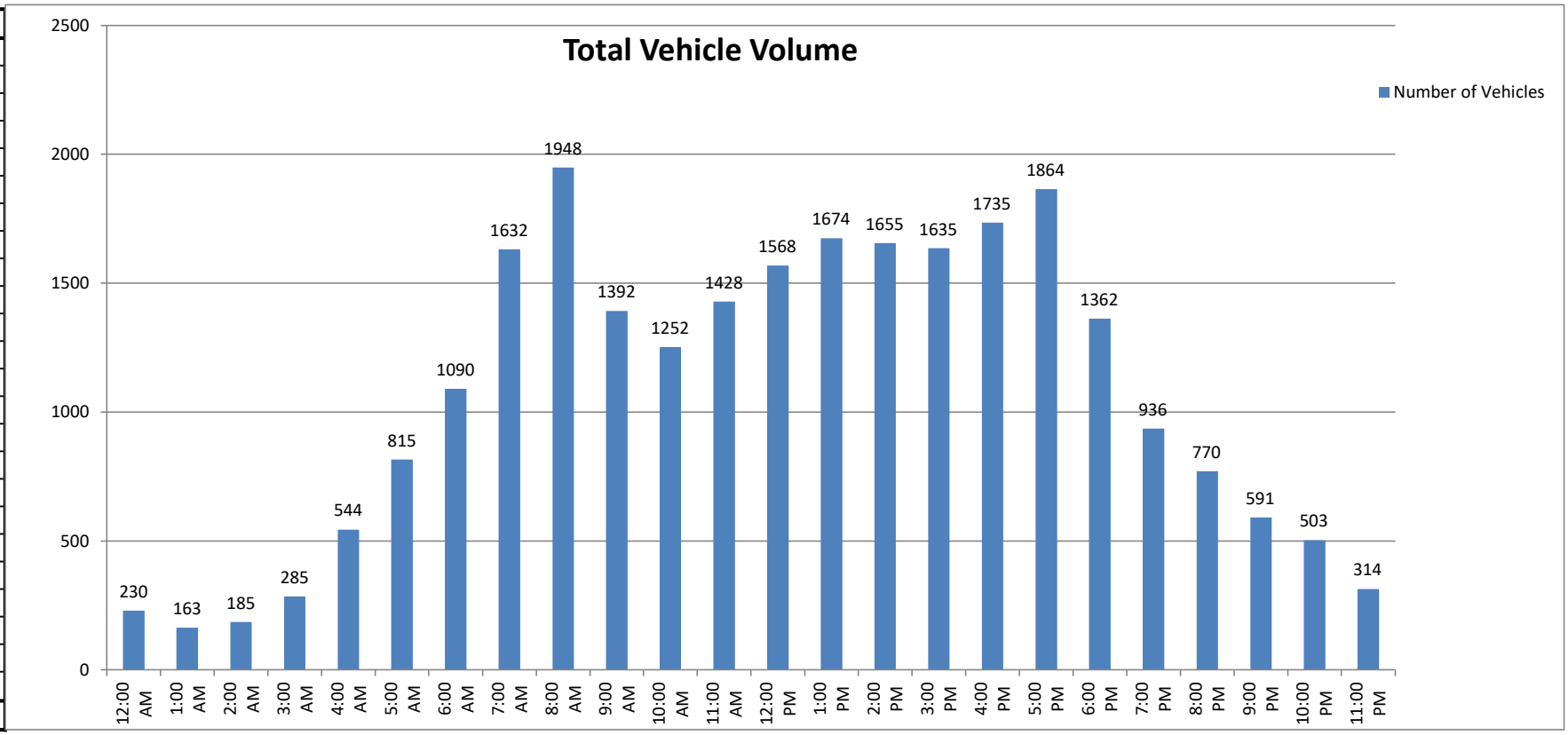
24 Hour Volume Plot

Alton Parkway

B/ Technology East - Barranca Parkway

1/25/2024

Start Time	1/25/2024
12:00 AM	230
1:00 AM	163
2:00 AM	185
3:00 AM	285
4:00 AM	544
5:00 AM	815
6:00 AM	1090
7:00 AM	1632
8:00 AM	1948
9:00 AM	1392
10:00 AM	1252
11:00 AM	1428
12:00 PM	1568
1:00 PM	1674
2:00 PM	1655
3:00 PM	1635
4:00 PM	1735
5:00 PM	1864
6:00 PM	1362
7:00 PM	936
8:00 PM	770
9:00 PM	591
10:00 PM	503
11:00 PM	314
Total	25571



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Technology East - Barranca Parkway

File Name 032
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	205			37	194				
12:15	32	205			31	167				
12:30	15	225			20	196				
12:45	29	224	105	858	27	160	114	716	219	1574
1:00	17	214			17	157				
1:15	19	219			15	205				
1:30	24	240			26	244				
1:45	27	205	87	877	22	193	79	799	166	1676
2:00	22	195			14	204				
2:15	20	213			14	187				
2:30	38	193			10	248				
2:45	49	200	128	800	8	186	46	825	173	1624
3:00	36	211			8	206				
3:15	42	205			10	162				
3:30	54	223			19	209				
3:45	96	210	228	849	13	165	49	741	277	1589
4:00	44	222			15	210				
4:15	58	253			19	164				
4:30	135	263			30	210				
4:45	213	269	450	1006	26	172	89	756	539	1761
5:00	127	300			38	228				
5:15	132	322			41	169				
5:30	178	286			53	168				
5:45	189	274	625	1181	51	148	183	712	808	1893
6:00	176	250			57	140				
6:15	177	222			62	119				
6:30	178	205			98	130				
6:45	201	195	731	871	110	104	326	492	1057	1363
7:00	193	180			153	100				
7:15	166	146			172	103				
7:30	219	136			235	82				
7:45	236	133	813	593	250	69	809	353	1622	946
8:00	237	135			256	75				
8:15	253	111			266	66				
8:30	218	113			265	91				
8:45	194	107	902	466	240	61	1026	292	1928	758
9:00	183	77			183	76				
9:15	161	78			194	79				
9:30	158	74			179	64				
9:45	162	80	663	308	164	45	719	262	1382	570
10:00	171	67			144	65				
10:15	153	66			155	59				
10:30	142	73			154	63				
10:45	168	53	633	258	143	49	595	236	1228	494
11:00	152	47			151	54				
11:15	175	34			157	43				
11:30	193	39			185	45				
11:45	230	33	749	152	194	39	687	180	1436	331
Totals	6112	8215			4720	6361				
Combined Totals		14327				11081				
ADT										25407
AM Peak Hour	730	AM			745	AM				
Volume	945				1036					
P.H.F.	0.933				0.974					
PM Peak Hour		500	PM			115	PM			
Volume		1181				846				
P.H.F.		0.917				0.867				
Percentage	42.7%	57.3%			42.6%	57.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Technology West - Ada

File Name 030
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	215			39	301				
12:15	28	231			20	242				
12:30	12	257			23	252				
12:45	23	243	93	946	36	234	118	1029	211	1975
1:00	21	255			17	181				
1:15	20	241			14	249				
1:30	27	302			31	308				
1:45	22	266	90	1064	19	244	81	982	171	2046
2:00	27	196			15	286				
2:15	20	245			13	272				
2:30	39	197			14	316				
2:45	47	219	133	857	7	228	49	1102	182	1959
3:00	36	190			9	280				
3:15	40	202			7	228				
3:30	64	196			18	331				
3:45	89	214	229	802	10	226	44	1065	273	1867
4:00	42	195			16	363				
4:15	72	201			19	300				
4:30	159	239			32	340				
4:45	253	235	526	870	34	236	101	1239	627	2109
5:00	170	252			35	380				
5:15	184	255			56	339				
5:30	238	242			56	306				
5:45	258	240	850	989	42	264	189	1289	1039	2278
6:00	192	235			73	300				
6:15	211	204			59	212				
6:30	234	204			92	195				
6:45	268	192	905	835	111	183	335	890	1240	1725
7:00	266	185			149	157				
7:15	256	161			157	164				
7:30	323	132			192	114				
7:45	378	122	1223	600	204	113	702	548	1925	1148
8:00	350	127			232	81				
8:15	329	126			194	82				
8:30	340	115			203	123				
8:45	291	108	1310	476	205	75	834	361	2144	837
9:00	266	84			139	80				
9:15	254	81			151	121				
9:30	277	69			168	78				
9:45	258	69	1055	303	166	62	624	341	1679	644
10:00	228	82			155	70				
10:15	212	65			169	74				
10:30	198	75			165	79				
10:45	227	55	865	277	178	58	667	281	1532	558
11:00	197	61			203	61				
11:15	192	40			194	62				
11:30	247	39			243	60				
11:45	237	32	873	172	269	50	909	233	1782	405
Totals	8152	8191			4653	9360				
Combined Totals		16343				14013				
ADT										30356
AM Peak Hour	745	AM			1100	AM				
Volume	1397				909					
P.H.F.	0.924				0.845					
PM Peak Hour		100	PM			430	PM			
Volume		1064				1295				
P.H.F.		0.881				0.852				
Percentage	49.9%	50.1%			33.2%	66.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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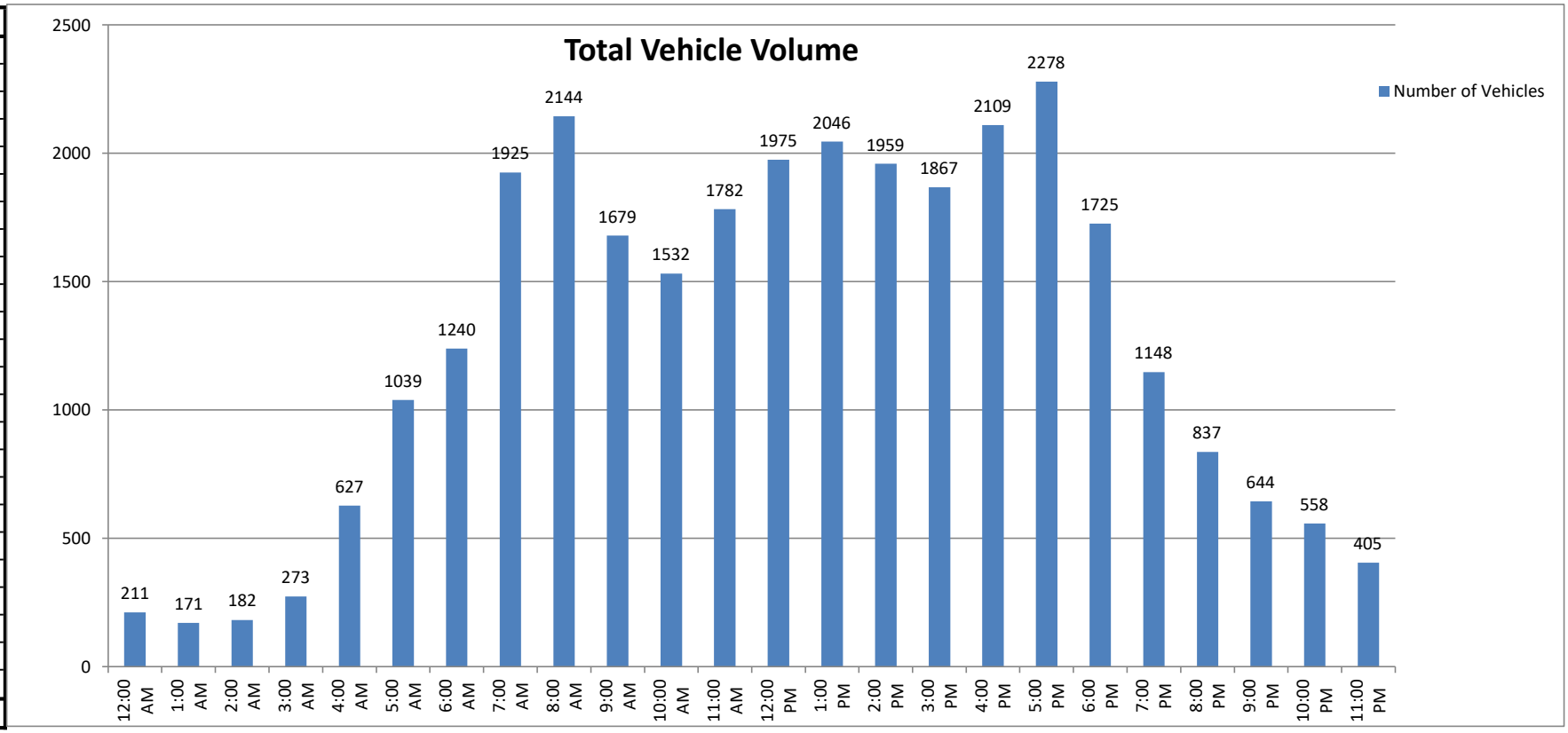
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ Technology West - Ada

1/24/2024

Start Time	1/24/2024
12:00 AM	211
1:00 AM	171
2:00 AM	182
3:00 AM	273
4:00 AM	627
5:00 AM	1039
6:00 AM	1240
7:00 AM	1925
8:00 AM	2144
9:00 AM	1679
10:00 AM	1532
11:00 AM	1782
12:00 PM	1975
1:00 PM	2046
2:00 PM	1959
3:00 PM	1867
4:00 PM	2109
5:00 PM	2278
6:00 PM	1725
7:00 PM	1148
8:00 PM	837
9:00 PM	644
10:00 PM	558
11:00 PM	405
Total	30356



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City of Irvine
Alton Parkway
B/ Technology West - Ada

File Name 030
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	224			34	273				
12:15	35	231			37	211				
12:30	18	243			24	251				
12:45	28	283	116	981	27	247	122	982	238	1963
1:00	18	250			23	227				
1:15	20	288			18	229				
1:30	31	263			28	310				
1:45	23	227	92	1028	27	235	96	1001	188	2029
2:00	23	216			20	241				
2:15	24	216			19	264				
2:30	44	225			9	338				
2:45	48	199	139	856	10	247	58	1090	197	1946
3:00	40	203			5	327				
3:15	39	220			12	226				
3:30	62	215			22	325				
3:45	108	200	249	838	14	251	53	1129	302	1967
4:00	52	195			17	319				
4:15	66	214			26	294				
4:30	157	252			34	299				
4:45	234	229	509	890	32	293	109	1205	618	2095
5:00	161	218			33	363				
5:15	178	245			50	294				
5:30	230	236			58	313				
5:45	246	235	815	934	41	284	182	1254	997	2188
6:00	245	230			61	247				
6:15	209	213			87	207				
6:30	231	173			84	225				
6:45	296	181	981	797	117	164	349	843	1330	1640
7:00	251	142			157	163				
7:15	233	131			203	137				
7:30	298	153			255	114				
7:45	310	135	1092	561	218	110	833	524	1925	1085
8:00	319	126			273	105				
8:15	343	115			226	105				
8:30	308	118			230	103				
8:45	311	106	1281	465	202	87	931	400	2212	865
9:00	334	87			161	88				
9:15	249	89			174	92				
9:30	240	76			164	79				
9:45	228	92	1051	344	171	47	670	306	1721	650
10:00	259	66			149	75				
10:15	210	80			159	73				
10:30	222	81			195	71				
10:45	209	60	900	287	173	53	676	272	1576	559
11:00	189	37			180	53				
11:15	210	37			208	50				
11:30	226	43			251	60				
11:45	218	34	843	151	289	37	928	200	1771	351
Totals	8068	8132			5007	9206				
Combined Totals		16200				14213				
ADT										30413
AM Peak Hour	815	AM			730	AM				
Volume	1296				972					
P.H.F.	0.945				0.890					
PM Peak Hour		1245	PM			445	PM			
Volume		1084				1263				
P.H.F.		0.941				0.870				
Percentage	49.8%	50.2%			35.2%	64.8%				

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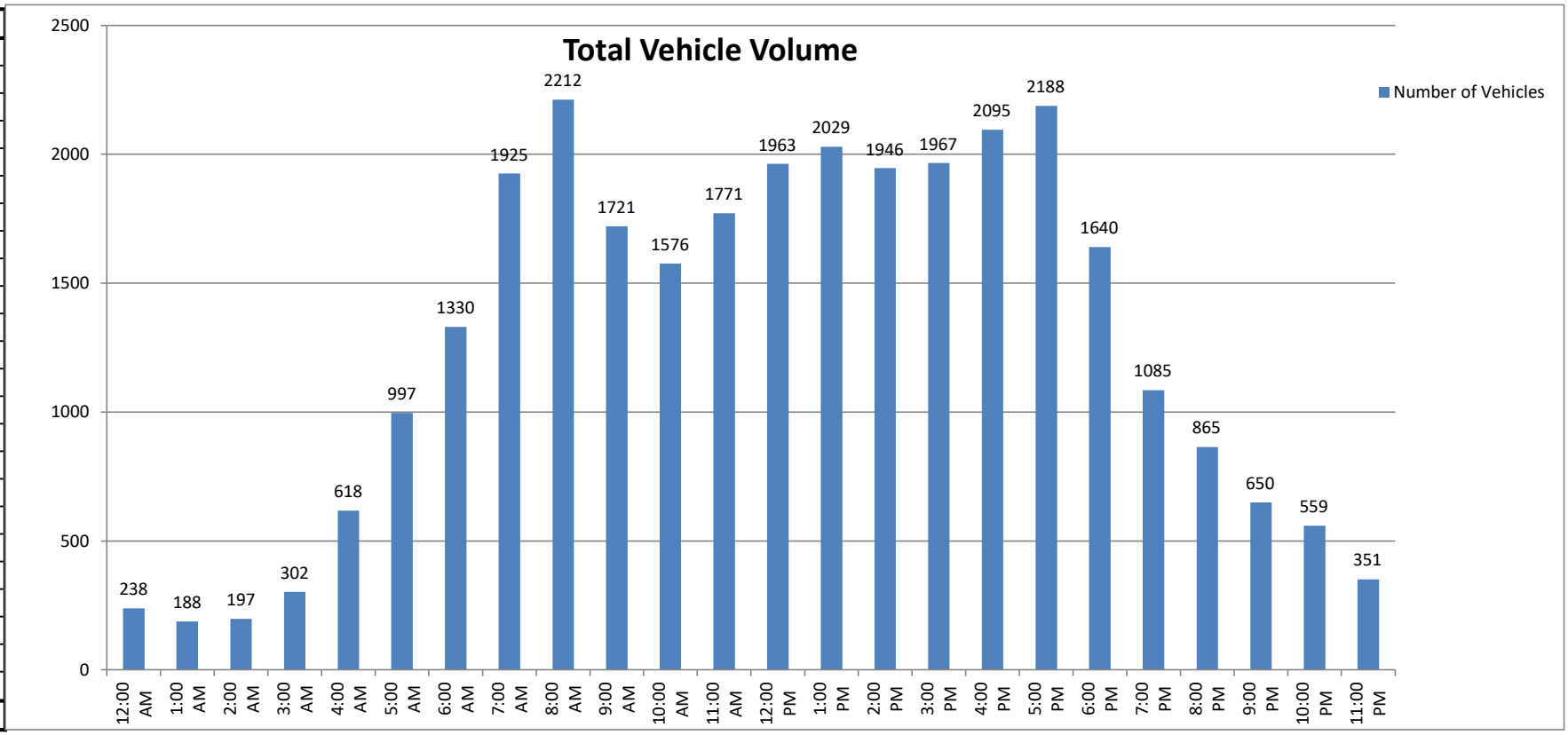
24 Hour Volume Plot

Alton Parkway
B/ Technology West - Ada

1/25/2024

Start Time	1/25/2024
12:00 AM	238
1:00 AM	188
2:00 AM	197
3:00 AM	302
4:00 AM	618
5:00 AM	997
6:00 AM	1330
7:00 AM	1925
8:00 AM	2212
9:00 AM	1721
10:00 AM	1576
11:00 AM	1771
12:00 PM	1963
1:00 PM	2029
2:00 PM	1946
3:00 PM	1967
4:00 PM	2095
5:00 PM	2188
6:00 PM	1640
7:00 PM	1085
8:00 PM	865
9:00 PM	650
10:00 PM	559
11:00 PM	351
Total	30413



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Technology West - Ada

File Name 030
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	220			37	287				
12:15	32	231			29	227				
12:30	15	250			24	252				
12:45	26	263	105	964	32	241	120	1006	225	1969
1:00	20	253			20	204				
1:15	20	265			16	239				
1:30	29	283			30	309				
1:45	23	247	91	1046	23	240	89	992	180	2038
2:00	25	206			18	264				
2:15	22	231			16	268				
2:30	42	211			12	327				
2:45	48	209	136	857	9	238	54	1096	190	1953
3:00	38	197			7	304				
3:15	40	211			10	227				
3:30	63	206			20	328				
3:45	99	207	239	820	12	239	49	1097	288	1917
4:00	47	195			17	341				
4:15	69	208			23	297				
4:30	158	246			33	320				
4:45	244	232	518	880	33	265	105	1222	623	2102
5:00	166	235			34	372				
5:15	181	250			53	317				
5:30	234	239			57	310				
5:45	252	238	833	962	42	274	186	1272	1018	2233
6:00	219	233			67	274				
6:15	210	209			73	210				
6:30	233	189			88	210				
6:45	282	187	943	816	114	174	342	867	1285	1683
7:00	259	164			153	160				
7:15	245	146			180	151				
7:30	311	143			224	114				
7:45	344	129	1158	581	211	112	768	536	1925	1117
8:00	335	127			253	93				
8:15	336	121			210	94				
8:30	324	117			217	113				
8:45	301	107	1296	471	204	81	883	381	2178	851
9:00	300	86			150	84				
9:15	252	85			163	107				
9:30	259	73			166	79				
9:45	243	81	1053	324	169	55	647	324	1700	647
10:00	244	74			152	73				
10:15	211	73			164	74				
10:30	210	78			180	75				
10:45	218	58	883	282	176	56	672	277	1554	559
11:00	193	49			192	57				
11:15	201	39			201	56				
11:30	237	41			247	60				
11:45	228	33	858	162	279	44	919	217	1777	378
Totals	8110	8162			4830	9283				
Combined Totals		16272				14113				
ADT										30385
AM Peak Hour	745	AM			1100	AM				
Volume	1339				919					
P.H.F.	0.973				0.823					
PM Peak Hour		1245	PM			430	PM			
Volume		1063				1272				
P.H.F.		0.940				0.856				
Percentage	49.8%	50.2%			34.2%	65.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Telemetry - Banting

File Name 022
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	102			5	89				
12:15	9	81			5	80				
12:30	17	84			3	137				
12:45	15	93	53	360	3	111	16	417	69	777
1:00	7	98			6	148				
1:15	7	91			5	119				
1:30	7	160			2	104				
1:45	2	105	23	454	4	101	17	472	40	926
2:00	7	100			4	70				
2:15	2	119			4	83				
2:30	9	148			4	92				
2:45	4	116	22	483	2	96	14	341	36	824
3:00	3	129			3	116				
3:15	2	141			0	64				
3:30	2	160			3	73				
3:45	4	121	11	551	11	109	17	362	28	913
4:00	3	160			6	109				
4:15	3	120			11	115				
4:30	13	153			33	131				
4:45	21	175	40	608	58	150	108	505	148	1113
5:00	12	221			33	162				
5:15	9	183			26	190				
5:30	14	172			33	170				
5:45	17	181	52	757	44	167	136	689	188	1446
6:00	22	155			43	119				
6:15	20	153			57	112				
6:30	21	101			60	77				
6:45	30	97	93	506	95	87	255	395	348	901
7:00	46	86			72	52				
7:15	48	69			118	48				
7:30	70	78			147	38				
7:45	66	46	230	279	286	40	623	178	853	457
8:00	90	62			301	32				
8:15	110	44			275	30				
8:30	93	46			275	25				
8:45	110	31	403	183	272	24	1123	111	1526	294
9:00	73	55			179	39				
9:15	76	27			168	24				
9:30	93	28			118	19				
9:45	92	16	334	126	134	24	599	106	933	232
10:00	87	36			108	18				
10:15	52	33			81	21				
10:30	72	33			92	16				
10:45	74	17	285	119	82	16	363	71	648	190
11:00	84	21			64	17				
11:15	70	17			72	13				
11:30	79	29			54	13				
11:45	99	14	332	81	65	9	255	52	587	133
Totals	1878	4507			3526	3699				
Combined Totals		6385				7225				
ADT										13610
AM Peak Hour	800	AM			745	AM				
Volume	403				1137					
P.H.F.	0.916				0.944					
PM Peak Hour		500	PM			500	PM			
Volume		757				689				
P.H.F.		0.856				0.907				
Percentage	29.4%	70.6%			48.8%	51.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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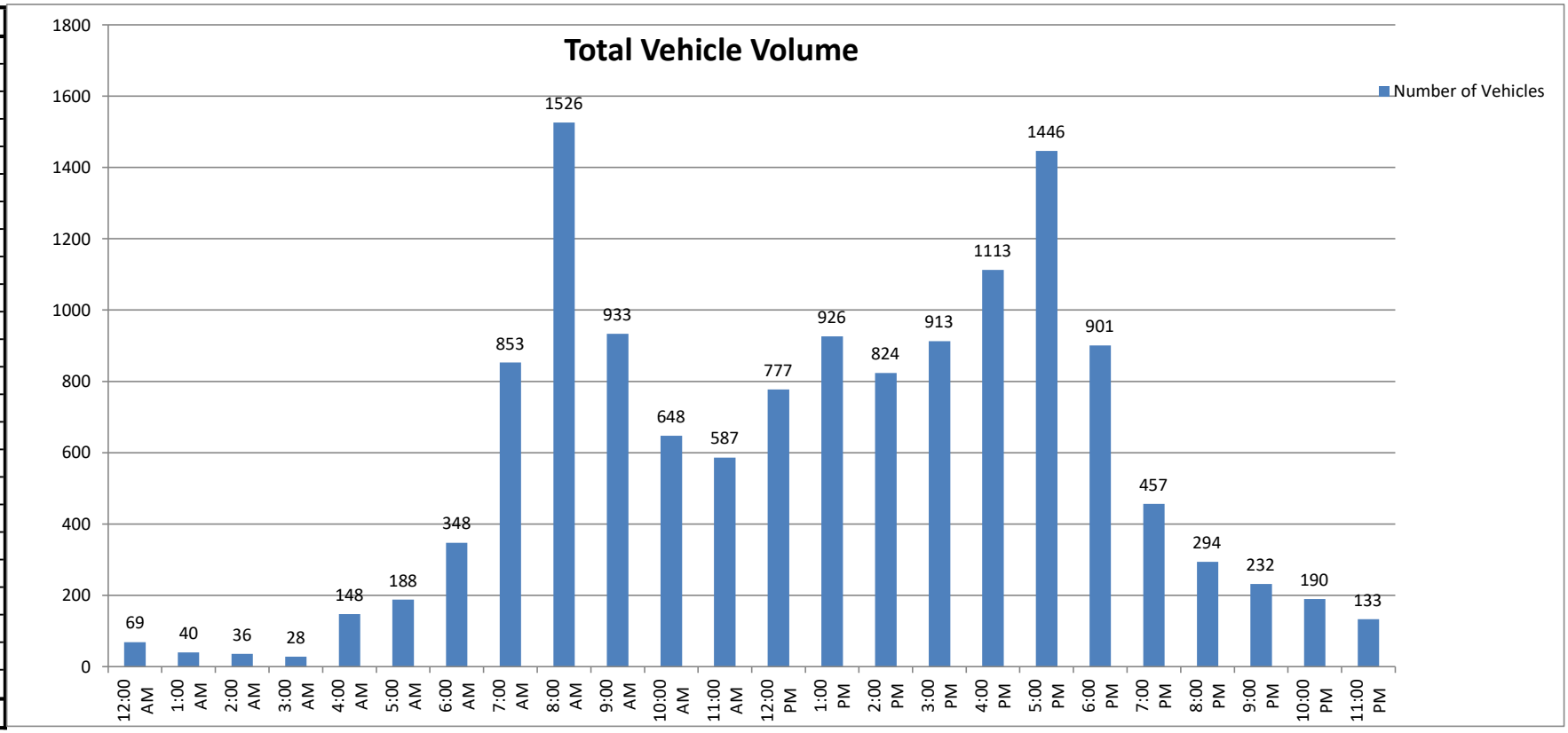
24 Hour Volume Plot

Alton Parkway
B/ Telemetry - Banting

1/24/2024

Start Time	1/24/2024
12:00 AM	69
1:00 AM	40
2:00 AM	36
3:00 AM	28
4:00 AM	148
5:00 AM	188
6:00 AM	348
7:00 AM	853
8:00 AM	1526
9:00 AM	933
10:00 AM	648
11:00 AM	587
12:00 PM	777
1:00 PM	926
2:00 PM	824
3:00 PM	913
4:00 PM	1113
5:00 PM	1446
6:00 PM	901
7:00 PM	457
8:00 PM	294
9:00 PM	232
10:00 PM	190
11:00 PM	133
Total	13610



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Telemetry - Banting

File Name 022
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	103			8	72				
12:15	12	98			6	94				
12:30	16	107			4	75				
12:45	8	94	45	402	8	85	26	326	71	728
1:00	6	87			2	90				
1:15	10	83			5	84				
1:30	5	106			7	94				
1:45	6	113	27	389	3	105	17	373	44	762
2:00	4	103			6	111				
2:15	0	119			4	103				
2:30	9	147			2	89				
2:45	5	140	18	509	3	86	15	389	33	898
3:00	4	130			1	93				
3:15	1	144			3	97				
3:30	5	148			6	94				
3:45	1	125	11	547	11	111	21	395	32	942
4:00	8	114			11	121				
4:15	5	133			17	169				
4:30	14	151			30	159				
4:45	12	165	39	563	58	186	116	635	155	1198
5:00	14	149			28	158				
5:15	13	156			26	175				
5:30	17	171			43	143				
5:45	17	184	61	660	37	141	134	617	195	1277
6:00	19	178			39	85				
6:15	18	157			62	106				
6:30	28	90			66	80				
6:45	32	82	97	507	97	50	264	321	361	828
7:00	32	90			84	62				
7:15	40	59			118	46				
7:30	72	58			138	46				
7:45	54	69	198	276	230	42	570	196	768	472
8:00	92	50			260	35				
8:15	110	32			270	34				
8:30	110	61			254	35				
8:45	103	44	415	187	236	34	1020	138	1435	325
9:00	104	25			204	21				
9:15	78	23			184	23				
9:30	86	24			141	22				
9:45	73	30	341	102	120	18	649	84	990	186
10:00	89	42			107	23				
10:15	77	29			69	22				
10:30	71	22			78	17				
10:45	93	17	330	110	82	18	336	80	666	190
11:00	74	13			77	9				
11:15	83	13			76	9				
11:30	85	22			57	6				
11:45	89	13	331	61	101	4	311	28	642	89
Totals	1913	4313			3479	3582				
Combined Totals		6226				7061				
ADT										13287
AM Peak Hour	815	AM			800	AM				
Volume	427				1020					
P.H.F.	0.970				0.944					
PM Peak Hour		530	PM			430	PM			
Volume		690				678				
P.H.F.		0.938				0.911				
Percentage	30.7%	69.3%			49.3%	50.7%				

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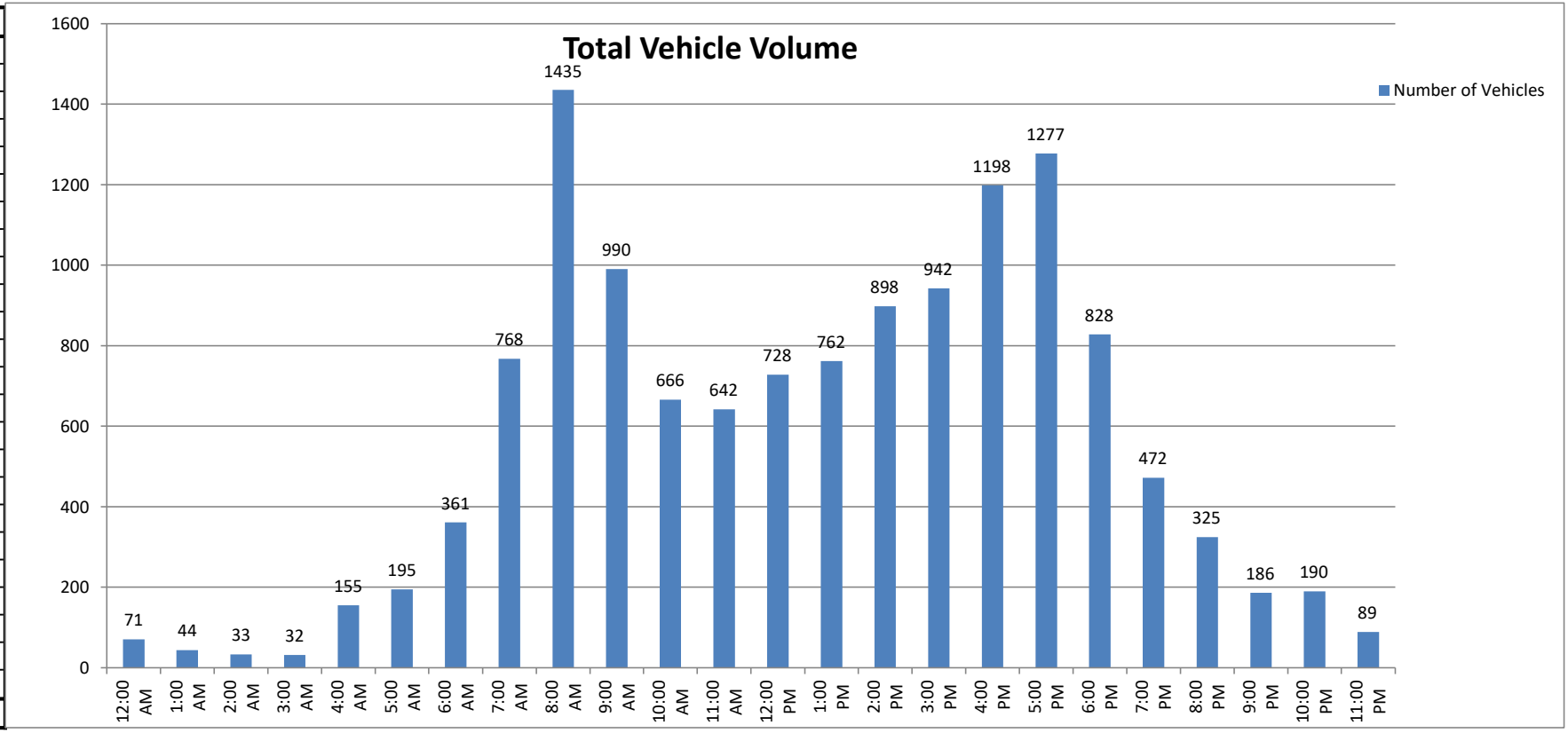
24 Hour Volume Plot

Alton Parkway

B/ Telemetry - Banting

1/25/2024

Start Time	1/25/2024
12:00 AM	71
1:00 AM	44
2:00 AM	33
3:00 AM	32
4:00 AM	155
5:00 AM	195
6:00 AM	361
7:00 AM	768
8:00 AM	1435
9:00 AM	990
10:00 AM	666
11:00 AM	642
12:00 PM	728
1:00 PM	762
2:00 PM	898
3:00 PM	942
4:00 PM	1198
5:00 PM	1277
6:00 PM	828
7:00 PM	472
8:00 PM	325
9:00 PM	186
10:00 PM	190
11:00 PM	89
Total	13287



Volumes represent the combined totals for both directions

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City of Irvine
Alton Parkway
B/ Telemetry - Banting

File Name 022
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	103			7	81				
12:15	11	90			6	87				
12:30	17	96			4	106				
12:45	12	94	49	381	6	98	21	372	70	753
1:00	7	93			4	119				
1:15	9	87			5	102				
1:30	6	133			5	99				
1:45	4	109	25	422	4	103	17	423	42	844
2:00	6	102			5	91				
2:15	1	119			4	93				
2:30	9	148			3	91				
2:45	5	128	20	496	3	91	15	365	35	861
3:00	4	130			2	105				
3:15	2	143			2	81				
3:30	4	154			5	84				
3:45	3	123	11	549	11	110	19	379	30	928
4:00	6	137			9	115				
4:15	4	127			14	142				
4:30	14	152			32	145				
4:45	17	170	40	586	58	168	112	570	152	1156
5:00	13	185			31	160				
5:15	11	170			26	183				
5:30	16	172			38	157				
5:45	17	183	57	709	41	154	135	653	192	1362
6:00	21	167			41	102				
6:15	19	155			60	109				
6:30	25	96			63	79				
6:45	31	90	95	507	96	69	260	358	355	865
7:00	39	88			78	57				
7:15	44	64			118	47				
7:30	71	68			143	42				
7:45	60	58	214	278	258	41	597	187	811	465
8:00	91	56			281	34				
8:15	110	38			273	32				
8:30	102	54			265	30				
8:45	107	38	409	185	254	29	1072	125	1481	310
9:00	89	40			192	30				
9:15	77	25			176	24				
9:30	90	26			130	21				
9:45	83	23	338	114	127	21	624	95	962	209
10:00	88	39			108	21				
10:15	65	31			75	22				
10:30	72	28			85	17				
10:45	84	17	308	115	82	17	350	76	657	190
11:00	79	17			71	13				
11:15	77	15			74	11				
11:30	82	26			56	10				
11:45	94	14	332	71	83	7	283	40	615	111
Totals	1896	4410			3503	3641				
Combined Totals		6306				7143				
ADT										13449
AM Peak Hour	800	AM			745	AM				
Volume	409				1076					
P.H.F.	0.930				0.959					
PM Peak Hour		500	PM			445	PM			
Volume		709				667				
P.H.F.		0.957				0.914				
Percentage	30.1%	69.9%			49.0%	51.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Toledo Way - Bertea

File Name 037
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/24/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	183			10	139				
12:15	15	160			8	142				
12:30	10	158			10	161				
12:45	11	173	55	674	9	142	37	584	92	1258
1:00	8	167			3	176				
1:15	12	143			7	184				
1:30	4	150			4	203				
1:45	10	179	34	639	6	171	20	734	54	1373
2:00	14	147			3	154				
2:15	7	145			3	158				
2:30	3	157			7	204				
2:45	6	149	30	598	3	167	16	683	46	1281
3:00	13	192			8	171				
3:15	11	201			6	123				
3:30	12	166			11	162				
3:45	25	186	61	745	8	140	33	596	94	1341
4:00	9	286			16	179				
4:15	31	250			10	119				
4:30	70	301			22	158				
4:45	92	257	202	1094	43	146	91	602	293	1696
5:00	59	374			66	166				
5:15	59	356			51	177				
5:30	85	319			58	150				
5:45	100	299	303	1348	70	130	245	623	548	1971
6:00	120	302			67	136				
6:15	103	227			84	100				
6:30	128	220			110	110				
6:45	88	167	439	916	169	97	430	443	869	1359
7:00	113	172			211	76				
7:15	119	185			215	78				
7:30	143	109			353	72				
7:45	123	136	498	602	348	53	1127	279	1625	881
8:00	157	117			396	49				
8:15	148	124			329	53				
8:30	179	103			333	46				
8:45	118	92	602	436	324	34	1382	182	1984	618
9:00	99	100			243	51				
9:15	108	83			215	77				
9:30	111	72			209	29				
9:45	99	58	417	313	186	22	853	179	1270	492
10:00	103	73			153	37				
10:15	97	51			140	38				
10:30	94	59			166	28				
10:45	136	55	430	238	154	22	613	125	1043	363
11:00	112	46			157	15				
11:15	122	27			137	15				
11:30	150	23			131	14				
11:45	173	23	557	119	157	12	582	56	1139	175
Totals	3628	7722			5429	5086				
Combined Totals		11350				10515				
ADT										21865
AM Peak Hour	745	AM			730	AM				
Volume	607				1426					
P.H.F.	0.848				0.900					
PM Peak Hour		500	PM			100	PM			
Volume		1348				734				
P.H.F.		0.901				0.904				
Percentage	32.0%	68.0%			51.6%	48.4%				

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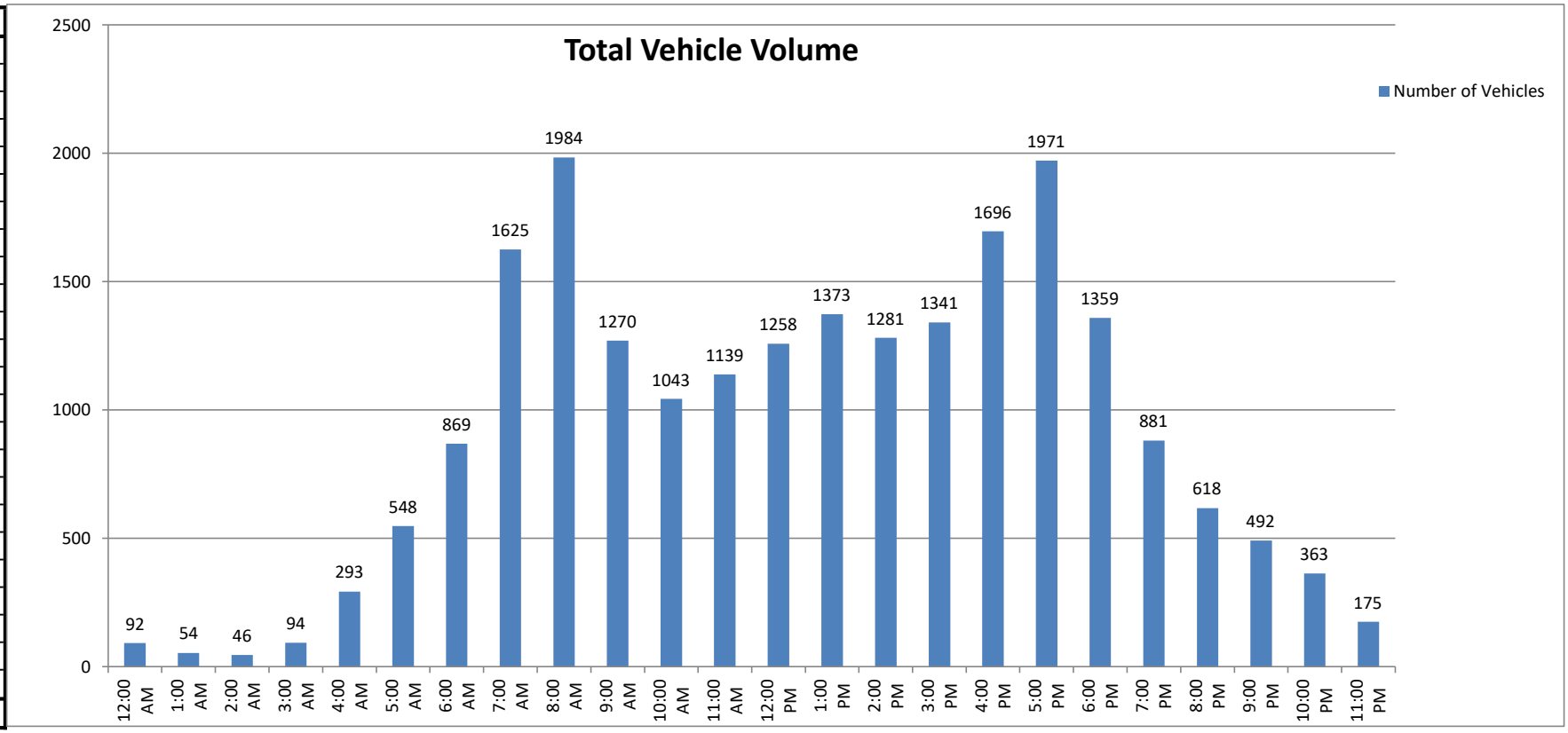
24 Hour Volume Plot

Alton Parkway
B/ Toledo Way - Bertea

1/24/2024

Start Time	1/24/2024
12:00 AM	92
1:00 AM	54
2:00 AM	46
3:00 AM	94
4:00 AM	293
5:00 AM	548
6:00 AM	869
7:00 AM	1625
8:00 AM	1984
9:00 AM	1270
10:00 AM	1043
11:00 AM	1139
12:00 PM	1258
1:00 PM	1373
2:00 PM	1281
3:00 PM	1341
4:00 PM	1696
5:00 PM	1971
6:00 PM	1359
7:00 PM	881
8:00 PM	618
9:00 PM	492
10:00 PM	363
11:00 PM	175
Total	21865



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Alton Parkway
B/ Toledo Way - Bertea

File Name 037
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/25/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	187			14	136				
12:15	28	181			10	127				
12:30	10	151			11	166				
12:45	16	163	68	682	12	172	47	601	115	1283
1:00	4	143			5	149				
1:15	5	179			5	192				
1:30	12	171			6	191				
1:45	14	141	35	634	4	157	20	689	55	1323
2:00	12	134			3	163				
2:15	8	158			10	163				
2:30	9	165			7	194				
2:45	11	166	40	623	5	174	25	694	65	1317
3:00	7	198			5	175				
3:15	14	156			5	146				
3:30	10	228			10	140				
3:45	27	199	58	781	15	174	35	635	93	1416
4:00	21	238			17	186				
4:15	25	254			20	157				
4:30	69	285			27	151				
4:45	86	256	201	1033	37	149	101	643	302	1676
5:00	43	339			57	195				
5:15	44	334			51	175				
5:30	102	305			53	161				
5:45	99	261	288	1239	75	133	236	664	524	1903
6:00	114	260			71	107				
6:15	139	215			82	128				
6:30	112	210			137	104				
6:45	148	184	513	869	133	90	423	429	936	1298
7:00	102	180			263	84				
7:15	112	145			263	79				
7:30	129	122			404	54				
7:45	152	124	495	571	470	56	1400	273	1895	844
8:00	131	109			428	78				
8:15	195	111			371	58				
8:30	146	106			412	49				
8:45	107	101	579	427	303	23	1514	208	2093	635
9:00	119	68			241	55				
9:15	91	85			245	50				
9:30	118	75			200	36				
9:45	99	83	427	311	203	30	889	171	1316	482
10:00	109	63			166	44				
10:15	114	57			143	34				
10:30	101	66			155	20				
10:45	104	57	428	243	159	16	623	114	1051	357
11:00	129	27			146	21				
11:15	130	32			133	18				
11:30	149	27			144	23				
11:45	160	29	568	115	146	8	569	70	1137	185
Totals	3700	7528			5882	5191				
Combined Totals		11228				11073				
ADT										22301
AM Peak Hour	745	AM			745	AM				
Volume	624				1681					
P.H.F.	0.800				0.894					
PM Peak Hour		500	PM			215	PM			
Volume		1239				706				
P.H.F.		0.914				0.910				
Percentage	33.0%	67.0%			53.1%	46.9%				

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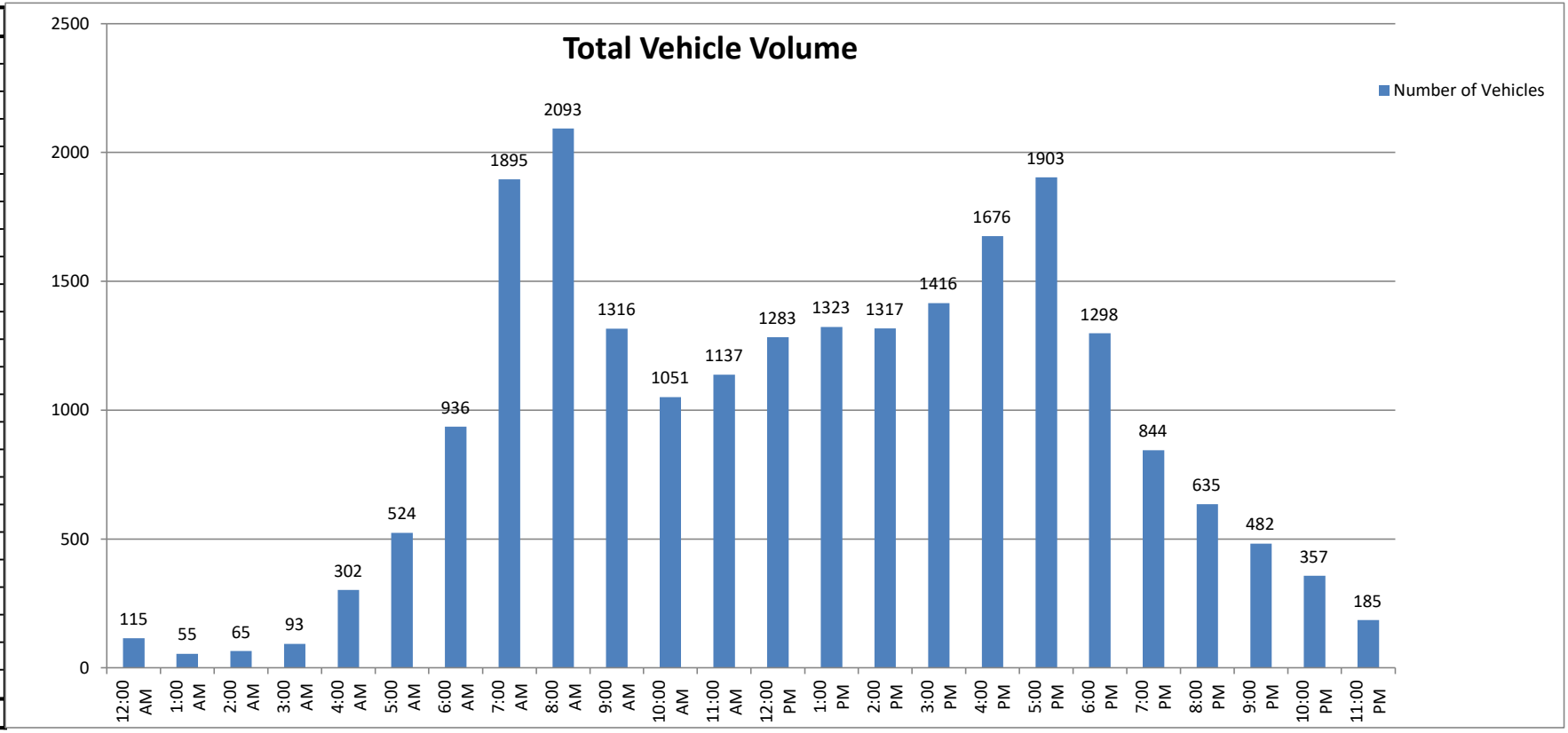
24 Hour Volume Plot

Alton Parkway
B/ Toledo Way - Bertea

1/25/2024

Start Time	1/25/2024
12:00 AM	115
1:00 AM	55
2:00 AM	65
3:00 AM	93
4:00 AM	302
5:00 AM	524
6:00 AM	936
7:00 AM	1895
8:00 AM	2093
9:00 AM	1316
10:00 AM	1051
11:00 AM	1137
12:00 PM	1283
1:00 PM	1323
2:00 PM	1317
3:00 PM	1416
4:00 PM	1676
5:00 PM	1903
6:00 PM	1298
7:00 PM	844
8:00 PM	635
9:00 PM	482
10:00 PM	357
11:00 PM	185
Total	22301



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ Toledo Way - Bertea

File Name 037
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	185			12	138				
12:15	22	171			9	135				
12:30	10	155			11	164				
12:45	14	168	62	678	11	157	42	593	104	1271
1:00	6	155			4	163				
1:15	9	161			6	188				
1:30	8	161			5	197				
1:45	12	160	35	637	5	164	20	712	55	1348
2:00	13	141			3	159				
2:15	8	152			7	161				
2:30	6	161			7	199				
2:45	9	158	35	611	4	171	21	689	56	1299
3:00	10	195			7	173				
3:15	13	179			6	135				
3:30	11	197			11	151				
3:45	26	193	60	763	12	157	34	616	94	1379
4:00	15	262			17	183				
4:15	28	252			15	138				
4:30	70	293			25	155				
4:45	89	257	202	1064	40	148	96	623	298	1686
5:00	51	357			62	181				
5:15	52	345			51	176				
5:30	94	312			56	156				
5:45	100	280	296	1294	73	132	241	644	536	1937
6:00	117	281			69	122				
6:15	121	221			83	114				
6:30	120	215			124	107				
6:45	118	176	476	893	151	94	427	436	903	1329
7:00	108	176			237	80				
7:15	116	165			239	79				
7:30	136	116			379	63				
7:45	138	130	497	587	409	55	1264	276	1760	863
8:00	144	113			412	64				
8:15	172	118			350	56				
8:30	163	105			373	48				
8:45	113	97	591	432	314	29	1448	195	2039	627
9:00	109	84			242	53				
9:15	100	84			230	64				
9:30	115	74			205	33				
9:45	99	71	422	312	195	26	871	175	1293	487
10:00	106	68			160	41				
10:15	106	54			142	36				
10:30	98	63			161	24				
10:45	120	56	429	241	157	19	618	120	1047	360
11:00	121	37			152	18				
11:15	126	30			135	17				
11:30	150	25			138	19				
11:45	167	26	563	117	152	10	576	63	1138	180
Totals	3664	7625			5656	5139				
Combined Totals		11289				10794				
ADT										22083
AM Peak Hour	745	AM			730	AM				
Volume	616				1550					
P.H.F.	0.897				0.940					
PM Peak Hour		500	PM			100	PM			
Volume		1294				712				
P.H.F.		0.907				0.903				
Percentage	32.5%	67.5%			52.4%	47.6%				

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City of Irvine
Alton Parkway
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 017
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	108			11	185				
12:15	9	118			4	162				
12:30	4	132			10	152				
12:45	11	162	29	520	14	145	39	644	68	1164
1:00	4	128			7	139				
1:15	5	149			7	165				
1:30	3	194			5	139				
1:45	2	152	14	623	6	171	25	614	39	1237
2:00	5	116			2	123				
2:15	3	123			7	134				
2:30	9	109			8	170				
2:45	3	137	20	485	0	158	17	585	37	1070
3:00	4	129			2	159				
3:15	3	131			2	175				
3:30	2	123			3	181				
3:45	6	128	15	511	3	183	10	698	25	1209
4:00	5	120			2	237				
4:15	8	141			2	193				
4:30	13	105			4	262				
4:45	7	160	33	526	16	294	24	986	57	1512
5:00	16	127			12	273				
5:15	13	156			12	282				
5:30	21	187			17	258				
5:45	28	192	78	662	30	248	71	1061	149	1723
6:00	32	159			27	222				
6:15	39	163			25	179				
6:30	54	124			46	136				
6:45	79	120	204	566	66	110	164	647	368	1213
7:00	80	84			77	84				
7:15	106	82			90	83				
7:30	112	82			117	67				
7:45	149	86	447	334	179	61	463	295	910	629
8:00	157	52			279	77				
8:15	196	58			201	66				
8:30	248	55			163	68				
8:45	216	46	817	211	176	44	819	255	1636	466
9:00	155	51			145	50				
9:15	135	38			110	32				
9:30	146	38			93	39				
9:45	136	34	572	161	113	24	461	145	1033	306
10:00	107	33			86	39				
10:15	117	26			99	25				
10:30	104	18			115	23				
10:45	122	6	450	83	123	12	423	99	873	182
11:00	107	15			145	18				
11:15	130	8			128	12				
11:30	105	12			131	14				
11:45	111	12	453	47	133	12	537	56	990	103
Totals	3132	4729			3053	6085				
Combined Totals		7861				9138				
ADT										16999
AM Peak Hour	800	AM			745	AM				
Volume	817				822					
P.H.F.	0.824				0.737					
PM Peak Hour		530	PM			430	PM			
Volume		701				1111				
P.H.F.		0.913				0.945				
Percentage	39.8%	60.2%			33.4%	66.6%				

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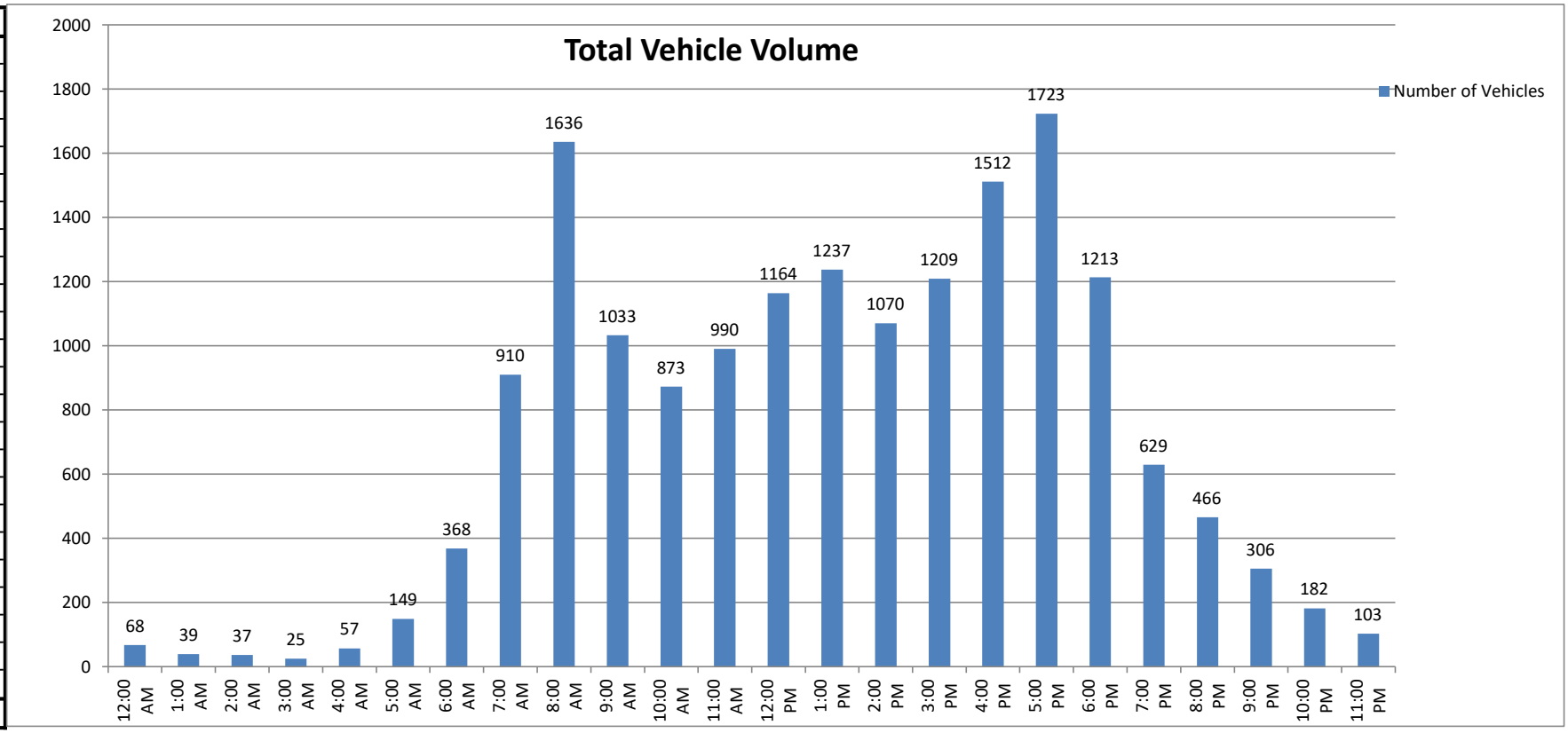
24 Hour Volume Plot

Alton Parkway

B/ Valley Oak Drive - Sand Canyon Avenue

1/17/2024

Start Time	1/17/2024
12:00 AM	68
1:00 AM	39
2:00 AM	37
3:00 AM	25
4:00 AM	57
5:00 AM	149
6:00 AM	368
7:00 AM	910
8:00 AM	1636
9:00 AM	1033
10:00 AM	873
11:00 AM	990
12:00 PM	1164
1:00 PM	1237
2:00 PM	1070
3:00 PM	1209
4:00 PM	1512
5:00 PM	1723
6:00 PM	1213
7:00 PM	629
8:00 PM	466
9:00 PM	306
10:00 PM	182
11:00 PM	103
Total	16999



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 017
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/18/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	123			11	182				
12:15	9	108			6	139				
12:30	3	115			9	163				
12:45	6	122	26	468	7	158	33	642	59	1110
1:00	0	142			11	159				
1:15	3	134			5	156				
1:30	6	129			5	130				
1:45	2	115	11	520	5	163	26	608	37	1128
2:00	3	115			3	164				
2:15	1	150			6	166				
2:30	3	157			5	170				
2:45	4	149	11	571	3	162	17	662	28	1233
3:00	4	135			1	213				
3:15	1	139			1	229				
3:30	5	150			1	191				
3:45	5	160	15	584	4	250	7	883	22	1467
4:00	5	141			1	211				
4:15	8	147			3	242				
4:30	14	131			4	213				
4:45	8	148	35	567	13	264	21	930	56	1497
5:00	14	163			12	279				
5:15	16	165			11	262				
5:30	25	208			13	255				
5:45	40	183	95	719	38	244	74	1040	169	1759
6:00	36	154			28	212				
6:15	49	165			41	163				
6:30	47	138			42	131				
6:45	89	116	221	573	93	97	204	603	425	1176
7:00	77	99			72	89				
7:15	119	76			71	89				
7:30	123	92			129	79				
7:45	141	71	460	338	201	66	473	323	933	661
8:00	184	62			242	54				
8:15	210	56			187	69				
8:30	209	43			170	68				
8:45	166	64	769	225	189	63	788	254	1557	479
9:00	138	30			177	40				
9:15	149	38			120	52				
9:30	122	42			105	40				
9:45	123	41	532	151	132	39	534	171	1066	322
10:00	121	23			112	37				
10:15	105	28			129	29				
10:30	95	30			118	25				
10:45	105	22	426	103	133	26	492	117	918	220
11:00	90	19			104	19				
11:15	106	18			118	19				
11:30	92	14			163	15				
11:45	108	8	396	59	138	13	523	66	919	125
Totals	2997	4878			3192	6299				
Combined Totals		7875				9491				
ADT										17366
AM Peak Hour	800	AM			745	AM				
Volume	769				800					
P.H.F.	0.915				0.826					
PM Peak Hour		500	PM			445	PM			
Volume		719				1060				
P.H.F.		0.864				0.950				
Percentage	38.1%	61.9%			33.6%	66.4%				

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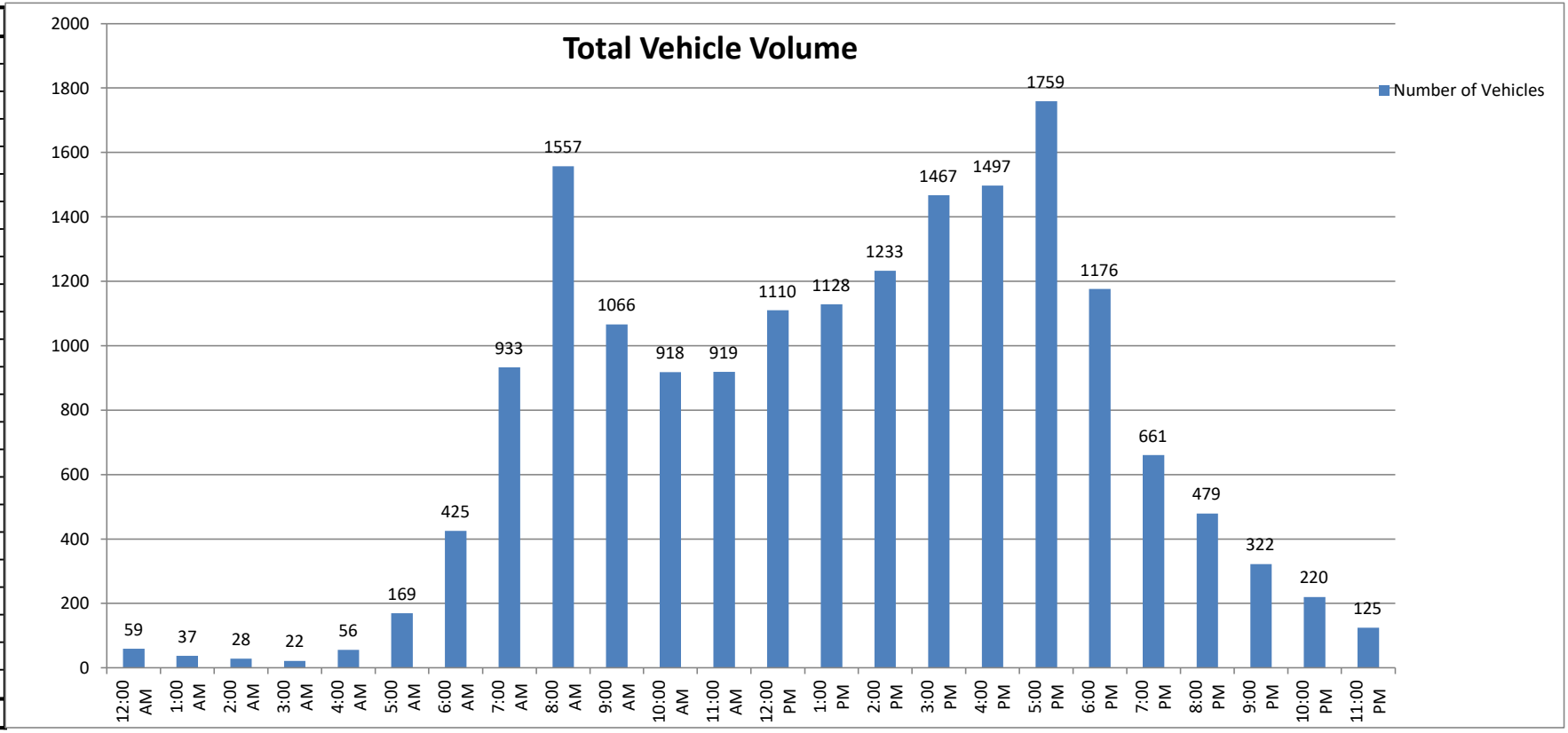
24 Hour Volume Plot

Alton Parkway

B/ Valley Oak Drive - Sand Canyon Avenue

1/18/2024

Start Time	1/18/2024
12:00 AM	59
1:00 AM	37
2:00 AM	28
3:00 AM	22
4:00 AM	56
5:00 AM	169
6:00 AM	425
7:00 AM	933
8:00 AM	1557
9:00 AM	1066
10:00 AM	918
11:00 AM	919
12:00 PM	1110
1:00 PM	1128
2:00 PM	1233
3:00 PM	1467
4:00 PM	1497
5:00 PM	1759
6:00 PM	1176
7:00 PM	661
8:00 PM	479
9:00 PM	322
10:00 PM	220
11:00 PM	125
Total	17366



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 017
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	116			11	184				
12:15	9	113			5	151				
12:30	4	124			10	158				
12:45	9	142	28	494	11	152	36	643	64	1137
1:00	2	135			9	149				
1:15	4	142			6	161				
1:30	5	162			5	135				
1:45	2	134	13	572	6	167	26	611	38	1183
2:00	4	116			3	144				
2:15	2	137			7	150				
2:30	6	133			7	170				
2:45	4	143	16	528	2	160	17	624	33	1152
3:00	4	132			2	186				
3:15	2	135			2	202				
3:30	4	137			2	186				
3:45	6	144	15	548	4	217	9	791	24	1338
4:00	5	131			2	224				
4:15	8	144			3	218				
4:30	14	118			4	238				
4:45	8	154	34	547	15	279	23	958	57	1505
5:00	15	145			12	276				
5:15	15	161			12	272				
5:30	23	198			15	257				
5:45	34	188	87	691	34	246	73	1051	159	1741
6:00	34	157			28	217				
6:15	44	164			33	171				
6:30	51	131			44	134				
6:45	84	118	213	570	80	104	184	625	397	1195
7:00	79	92			75	87				
7:15	113	79			81	86				
7:30	118	87			123	73				
7:45	145	79	454	336	190	64	468	309	922	645
8:00	171	57			261	66				
8:15	203	57			194	68				
8:30	229	49			167	68				
8:45	191	55	793	218	183	54	804	255	1597	473
9:00	147	41			161	45				
9:15	142	38			115	42				
9:30	134	40			99	40				
9:45	130	38	552	156	123	32	498	158	1050	314
10:00	114	28			99	38				
10:15	111	27			114	27				
10:30	100	24			117	24				
10:45	114	14	438	93	128	19	458	108	896	201
11:00	99	17			125	19				
11:15	118	13			123	16				
11:30	99	13			147	15				
11:45	110	10	425	53	136	13	530	61	955	114
Totals	3065	4804			3123	6192				
Combined Totals		7868				9315				
ADT										17183
AM Peak Hour	800	AM			745	AM				
Volume	793				811					
P.H.F.	0.868				0.778					
PM Peak Hour		530	PM			445	PM			
Volume		706				1084				
P.H.F.		0.893				0.971				
Percentage	38.9%	61.1%			33.5%	66.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Alton Parkway
B/ West Yale Loop - Lake Road

File Name 011
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/22/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	134			14	147				
12:15	12	122			12	110				
12:30	15	118			10	124				
12:45	5	118	46	492	2	149	38	530	84	1022
1:00	6	128			7	141				
1:15	6	126			4	132				
1:30	6	118			4	161				
1:45	4	145	22	517	6	147	21	581	43	1098
2:00	3	146			3	154				
2:15	3	140			5	292				
2:30	5	128			3	200				
2:45	2	113	13	527	4	177	15	823	28	1350
3:00	1	156			4	157				
3:15	6	140			4	198				
3:30	2	133			4	174				
3:45	8	164	17	593	4	234	16	763	33	1356
4:00	9	176			2	190				
4:15	2	190			6	213				
4:30	6	232			6	230				
4:45	11	197	28	795	8	208	22	841	50	1636
5:00	5	258			10	232				
5:15	12	303			18	202				
5:30	18	248			18	271				
5:45	22	252	57	1061	26	205	72	910	129	1971
6:00	30	220			22	240				
6:15	29	215			22	172				
6:30	46	197			37	202				
6:45	60	163	165	795	47	153	128	767	293	1562
7:00	76	125			60	146				
7:15	92	104			74	132				
7:30	93	96			90	130				
7:45	140	81	401	406	132	112	356	520	757	926
8:00	219	87			176	108				
8:15	240	88			250	97				
8:30	140	77			218	111				
8:45	117	64	716	316	136	102	780	418	1496	734
9:00	124	48			106	55				
9:15	98	60			112	51				
9:30	93	49			125	46				
9:45	102	42	417	199	125	42	468	194	885	393
10:00	94	50			103	52				
10:15	90	32			103	38				
10:30	88	32			112	13				
10:45	90	27	362	141	120	25	438	128	800	269
11:00	110	24			127	13				
11:15	90	19			128	16				
11:30	96	12			173	18				
11:45	126	19	422	74	120	19	548	66	970	140
Totals	2666	5916			2902	6541				
Combined Totals		8582				9443				
ADT										18025
AM Peak Hour	745	AM			800	AM				
Volume	739				780					
P.H.F.	0.770				0.780					
PM Peak Hour		500	PM			515	PM			
Volume		1061				918				
P.H.F.		0.875				0.847				
Percentage	31.1%	68.9%			30.7%	69.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

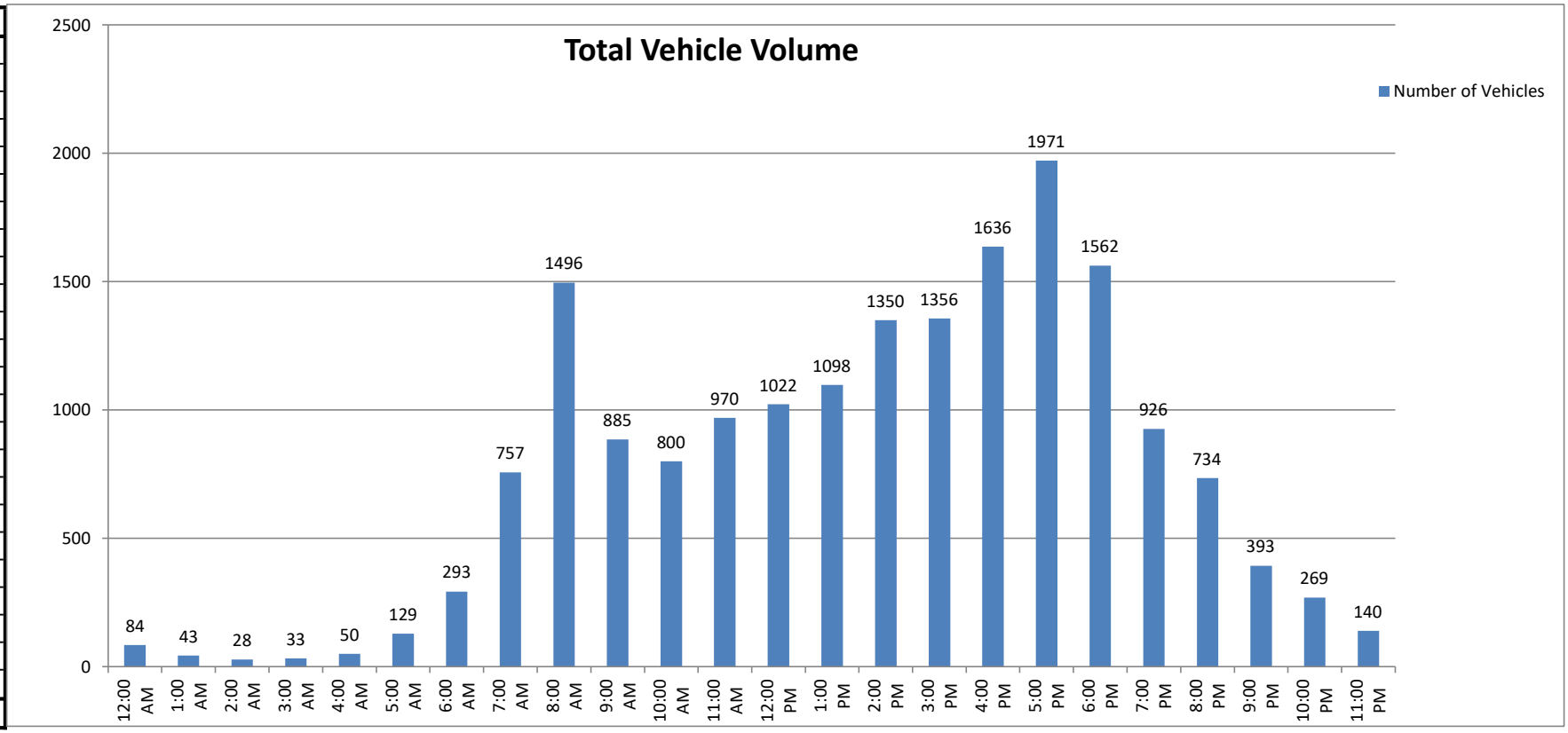
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ West Yale Loop - Lake Road

5/22/2024

Start Time	5/22/2024
12:00 AM	84
1:00 AM	43
2:00 AM	28
3:00 AM	33
4:00 AM	50
5:00 AM	129
6:00 AM	293
7:00 AM	757
8:00 AM	1496
9:00 AM	885
10:00 AM	800
11:00 AM	970
12:00 PM	1022
1:00 PM	1098
2:00 PM	1350
3:00 PM	1356
4:00 PM	1636
5:00 PM	1971
6:00 PM	1562
7:00 PM	926
8:00 PM	734
9:00 PM	393
10:00 PM	269
11:00 PM	140
Total	18025



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ West Yale Loop - Lake Road

File Name 011
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/23/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	146			13	151				
12:15	17	108			12	120				
12:30	11	107			10	120				
12:45	10	142	49	503	7	140	42	531	91	1034
1:00	12	114			8	143				
1:15	3	110			6	126				
1:30	6	124			6	147				
1:45	4	128	25	476	6	162	26	578	51	1054
2:00	0	120			5	154				
2:15	2	168			5	309				
2:30	5	119			3	190				
2:45	3	126	10	533	4	178	17	831	27	1364
3:00	2	166			6	166				
3:15	6	140			1	176				
3:30	5	156			1	210				
3:45	3	164	16	626	5	247	13	799	29	1425
4:00	7	164			1	202				
4:15	3	195			6	228				
4:30	13	180			4	204				
4:45	14	191	37	730	15	208	26	842	63	1572
5:00	5	202			8	188				
5:15	13	250			18	212				
5:30	11	238			16	208				
5:45	28	222	57	912	23	183	65	791	122	1703
6:00	31	160			32	210				
6:15	29	148			24	172				
6:30	43	148			34	200				
6:45	62	164	165	620	37	138	127	720	292	1340
7:00	72	103			52	174				
7:15	95	113			90	122				
7:30	98	108			96	118				
7:45	153	78	418	402	124	101	362	515	780	917
8:00	217	102			170	123				
8:15	200	72			240	97				
8:30	128	71			199	64				
8:45	130	68	675	313	144	102	753	386	1428	699
9:00	104	74			126	92				
9:15	104	66			110	87				
9:30	108	58			106	66				
9:45	157	65	473	263	134	87	476	332	949	595
10:00	114	40			164	58				
10:15	86	36			112	36				
10:30	95	34			114	23				
10:45	113	24	408	134	98	28	488	145	896	279
11:00	108	22			106	24				
11:15	111	14			114	21				
11:30	109	11			176	17				
11:45	136	15	464	62	106	10	502	72	966	134
Totals	2797	5574			2897	6542				
Combined Totals		8371				9439				
ADT										17810
AM Peak Hour	745	AM			800	AM				
Volume	698				753					
P.H.F.	0.804				0.784					
PM Peak Hour		500	PM			330	PM			
Volume		912				887				
P.H.F.		0.912				0.898				
Percentage	33.4%	66.6%			30.7%	69.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

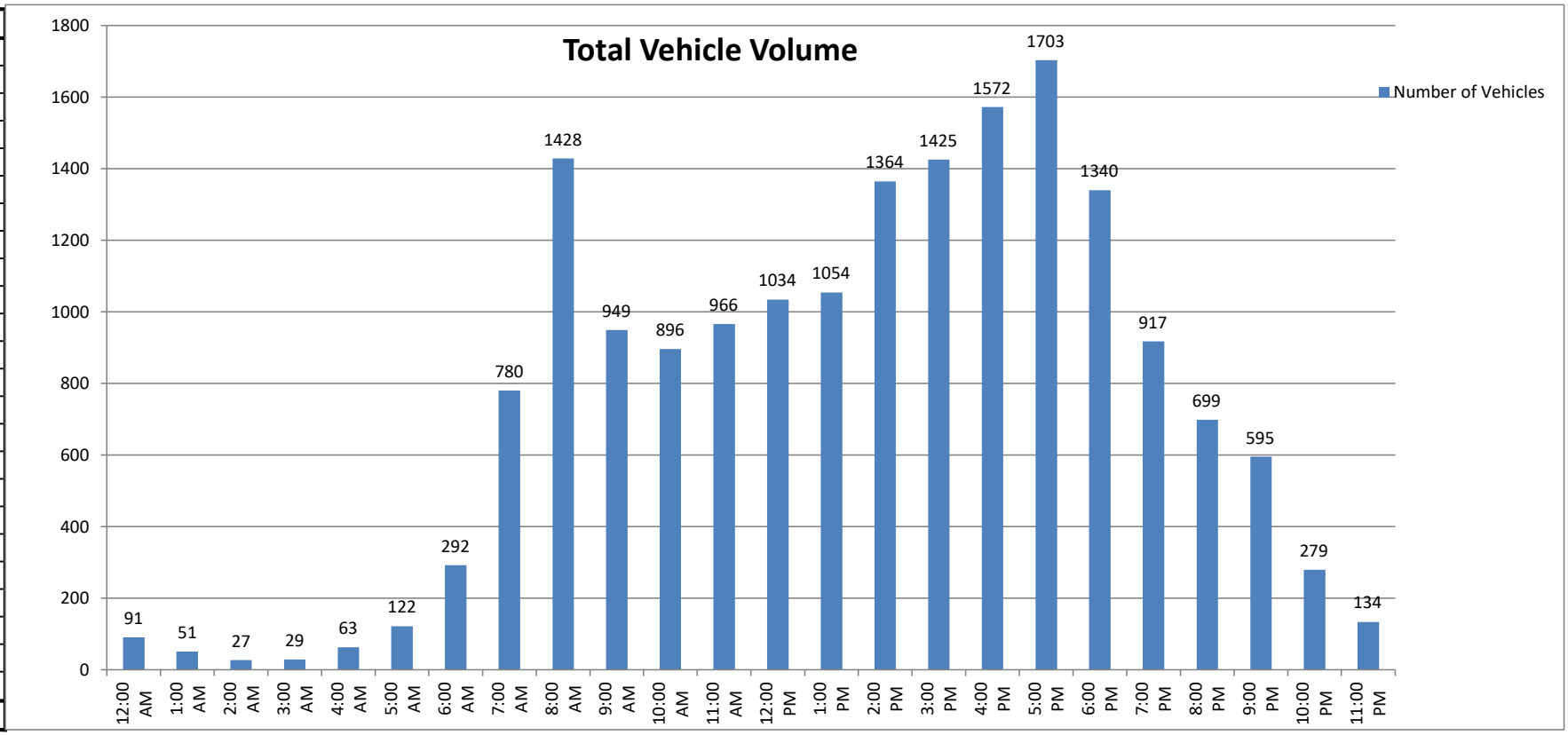
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Alton Parkway
B/ West Yale Loop - Lake Road

5/23/2024

Start Time	5/23/2024
12:00 AM	91
1:00 AM	51
2:00 AM	27
3:00 AM	29
4:00 AM	63
5:00 AM	122
6:00 AM	292
7:00 AM	780
8:00 AM	1428
9:00 AM	949
10:00 AM	896
11:00 AM	966
12:00 PM	1034
1:00 PM	1054
2:00 PM	1364
3:00 PM	1425
4:00 PM	1572
5:00 PM	1703
6:00 PM	1340
7:00 PM	917
8:00 PM	699
9:00 PM	595
10:00 PM	279
11:00 PM	134
Total	17810



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Alton Parkway
B/ West Yale Loop - Lake Road

File Name 011
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	140			14	149				
12:15	15	115			12	115				
12:30	13	113			10	122				
12:45	8	130	48	498	5	145	40	531	88	1028
1:00	9	121			8	142				
1:15	5	118			5	129				
1:30	6	121			5	154				
1:45	4	137	24	497	6	155	24	580	47	1076
2:00	2	133			4	154				
2:15	3	154			5	301				
2:30	5	124			3	195				
2:45	3	120	12	530	4	178	16	827	28	1357
3:00	2	161			5	162				
3:15	6	140			3	187				
3:30	4	145			3	192				
3:45	6	164	17	610	5	241	15	781	31	1391
4:00	8	170			2	196				
4:15	3	193			6	221				
4:30	10	206			5	217				
4:45	13	194	33	763	12	208	24	842	57	1604
5:00	5	230			9	210				
5:15	13	277			18	207				
5:30	15	243			17	240				
5:45	25	237	57	987	25	194	69	851	126	1837
6:00	31	190			27	225				
6:15	29	182			23	172				
6:30	45	173			36	201				
6:45	61	164	165	708	42	146	128	744	293	1451
7:00	74	114			56	160				
7:15	94	109			82	127				
7:30	96	102			93	124				
7:45	147	80	410	404	128	107	359	518	769	922
8:00	218	95			173	116				
8:15	220	80			245	97				
8:30	134	74			209	88				
8:45	124	66	696	315	140	102	767	402	1462	717
9:00	114	61			116	74				
9:15	101	63			111	69				
9:30	101	54			116	56				
9:45	130	54	445	231	130	65	472	263	917	494
10:00	104	45			134	55				
10:15	88	34			108	37				
10:30	92	33			113	18				
10:45	102	26	385	138	109	27	463	137	848	274
11:00	109	23			117	19				
11:15	101	17			121	19				
11:30	103	12			175	18				
11:45	131	17	443	68	113	15	525	69	968	137
Totals	2732	5745			2900	6542				
Combined Totals		8477				9441				
ADT										17918
AM Peak Hour	745	AM			800	AM				
Volume	719				767					
P.H.F.	0.816				0.782					
PM Peak Hour		500	PM			345	PM			
Volume		987				874				
P.H.F.		0.892				0.909				
Percentage	32.2%	67.8%			30.7%	69.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Astor
W/ Fairbanks
24 Hour Directional Volume Count

IRV014
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	11			1	4				
12:15		1	8			0	11				
12:30		0	5			0	7				
12:45		0	7	1	31	1	12	2	34	3	65
01:00		2	10			0	10				
01:15		1	11			0	7				
01:30		0	7			0	6				
01:45		0	7	3	35	0	**10**	0	33	3	68
02:00		0	13			1	**21**				
02:15		0	10			1	**10**				
02:30		0	**33**			0	**17**				
02:45		0	**17**	0	73	1	10	3	58	3	131
03:00		0	**41**			1	6				
03:15		0	**17**			1	8				
03:30		1	19			0	12				
03:45		1	7	2	84	2	4	4	30	6	114
04:00		0	15			0	5				
04:15		0	14			8	6				
04:30		0	17			0	7				
04:45		0	6	0	52	3	5	11	23	11	75
05:00		0	15			5	4				
05:15		1	11			12	5				
05:30		0	7			**23**	4				
05:45		8	4	9	37	**29**	5	69	18	78	55
06:00		3	4			**22**	5				
06:15		**15**	2			**18**	7				
06:30		**19**	3			22	2				
06:45		**18**	7	55	16	27	3	89	17	144	33
07:00		**14**	4			24	4				
07:15		12	3			9	4				
07:30		3	1			14	1				
07:45		3	3	32	11	12	0	59	9	91	20
08:00		6	6			14	3				
08:15		10	10			16	5				
08:30		5	3			8	3				
08:45		8	2	29	21	20	1	58	12	87	33
09:00		11	6			12	1				
09:15		11	7			14	0				
09:30		11	1			12	1				
09:45		16	1	49	15	7	0	45	2	94	17
10:00		11	0			8	0				
10:15		8	2			13	0				
10:30		8	0			5	0				
10:45		10	1	37	3	11	0	37	0	74	3
11:00		14	1			8	2				
11:15		12	1			4	1				
11:30		20	0			6	0				
11:45		8	0	54	2	7	1	25	4	79	6
Total		271	380	271	380	402	240	402	240	673	620
Combined Total		651		651		642		642		1293	
AM Peak	-	06:15	-	-	-	05:30	-	-	-	-	-
Vol.	-	66	-	-	-	92	-	-	-	-	-
P.H.F.		0.868				0.793					
PM Peak	-	-	02:30	-	-	-	01:45	-	-	-	-
Vol.	-	-	108	-	-	-	58	-	-	-	-
P.H.F.			0.659				0.690				
Percentage		41.6%	58.4%			62.6%	37.4%				
ADT/AADT		ADT 1,293		AADT 1,293							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Avenida De La Carlota
B/ Paseo De Valencia - El Toro Road
24 Hour Directional Volume Count

LHS016
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		25	300			11	147				
12:15		32	265			11	145				
12:30		19	274			10	153				
12:45		16	260	92	1099	5	168	37	613	129	1712
01:00		13	281			6	151				
01:15		10	261			9	144				
01:30		13	283			7	145				
01:45		13	243	49	1068	7	153	29	593	78	1661
02:00		15	298			3	121				
02:15		16	307			2	122				
02:30		12	284			3	148				
02:45		11	288	54	1177	4	156	12	547	66	1724
03:00		14	259			2	148				
03:15		8	260			4	140				
03:30		10	295			3	156				
03:45		14	251	46	1065	2	151	11	595	57	1660
04:00		11	306			1	137				
04:15		17	307			7	134				
04:30		21	277			14	156				
04:45		32	298	81	1188	9	133	31	560	112	1748
05:00		31	**313**			17	**158**				
05:15		38	**353**			20	**163**				
05:30		64	**319**			31	**153**				
05:45		70	**328**	203	1313	41	**150**	109	624	312	1937
06:00		77	293			46	150				
06:15		101	258			69	135				
06:30		106	258			74	130				
06:45		167	296	451	1105	131	137	320	552	771	1657
07:00		136	222			109	110				
07:15		208	227			127	120				
07:30		219	203			147	96				
07:45		194	166	757	818	147	100	530	426	1287	1244
08:00		236	157			**141**	90				
08:15		215	164			**153**	71				
08:30		204	157			**181**	72				
08:45		213	134	868	612	**160**	68	635	301	1503	913
09:00		209	114			112	87				
09:15		169	125			120	39				
09:30		205	109			112	65				
09:45		229	95	812	443	146	49	490	240	1302	683
10:00		206	98			114	37				
10:15		223	78			107	51				
10:30		177	76			132	25				
10:45		234	60	840	312	132	28	485	141	1325	453
11:00		**287**	55			124	17				
11:15		**261**	43			144	20				
11:30		**262**	40			137	14				
11:45		**303**	38	1113	176	141	15	546	66	1659	242
Total		5366	10376	5366	10376	3235	5258	3235	5258	8601	15634
Combined Total		15742		15742		8493		8493		24235	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	1113	-	-	-	635	-	-	-	-	-
P.H.F.		0.918				0.877					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	1313	-	-	-	624	-	-	-	-
P.H.F.			0.930				0.929				
Percentage		34.1%	65.9%			38.1%	61.9%				
ADT/AADT		ADT 24,235		AADT 24,235							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Cromwell - Irvine Boulevard

File Name 54
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	44	305			37	293				
12:15	23	278			22	304				
12:30	38	321			25	323				
12:45	25	294	130	1198	28	296	112	1216	242	2414
1:00	44	317			12	301				
1:15	28	350			15	257				
1:30	27	339			16	315				
1:45	13	302	112	1308	14	323	57	1196	169	2504
2:00	9	347			16	291				
2:15	13	406			18	295				
2:30	10	417			28	380				
2:45	11	426	43	1596	20	360	82	1326	125	2922
3:00	16	382			19	396				
3:15	28	380			26	359				
3:30	21	474			61	391				
3:45	22	456	87	1692	56	430	162	1576	249	3268
4:00	18	414			37	388				
4:15	27	354			86	411				
4:30	38	411			109	426				
4:45	46	394	129	1573	172	467	404	1692	533	3265
5:00	93	378			108	424				
5:15	112	407			170	532				
5:30	118	307			209	501				
5:45	121	313	444	1405	329	438	816	1895	1260	3300
6:00	153	294			219	442				
6:15	182	285			250	426				
6:30	233	296			292	334				
6:45	265	273	833	1148	410	334	1171	1536	2004	2684
7:00	307	282			316	307				
7:15	362	181			353	276				
7:30	390	231			323	299				
7:45	404	192	1463	886	430	238	1422	1120	2885	2006
8:00	366	141			444	234				
8:15	427	166			384	263				
8:30	331	152			425	223				
8:45	330	143	1454	602	341	227	1594	947	3048	1549
9:00	317	133			361	159				
9:15	327	186			265	179				
9:30	305	117			322	154				
9:45	293	113	1242	549	303	144	1251	636	2493	1185
10:00	292	108			253	125				
10:15	270	115			260	122				
10:30	274	68			277	95				
10:45	242	63	1078	354	238	105	1028	447	2106	801
11:00	266	70			247	80				
11:15	259	80			238	68				
11:30	287	82			265	55				
11:45	318	38	1130	270	300	49	1050	252	2180	522
Totals	8145	12581			9149	13839				
Combined Totals		20726				22988				
ADT										43714
AM Peak Hour	730	AM			745	AM				
Volume	1587				1683					
P.H.F.	0.929				0.948					
PM Peak Hour		315	PM			445	PM			
Volume		1724				1924				
P.H.F.		0.909				0.904				
Percentage	39.3%	60.7%			39.8%	60.2%				

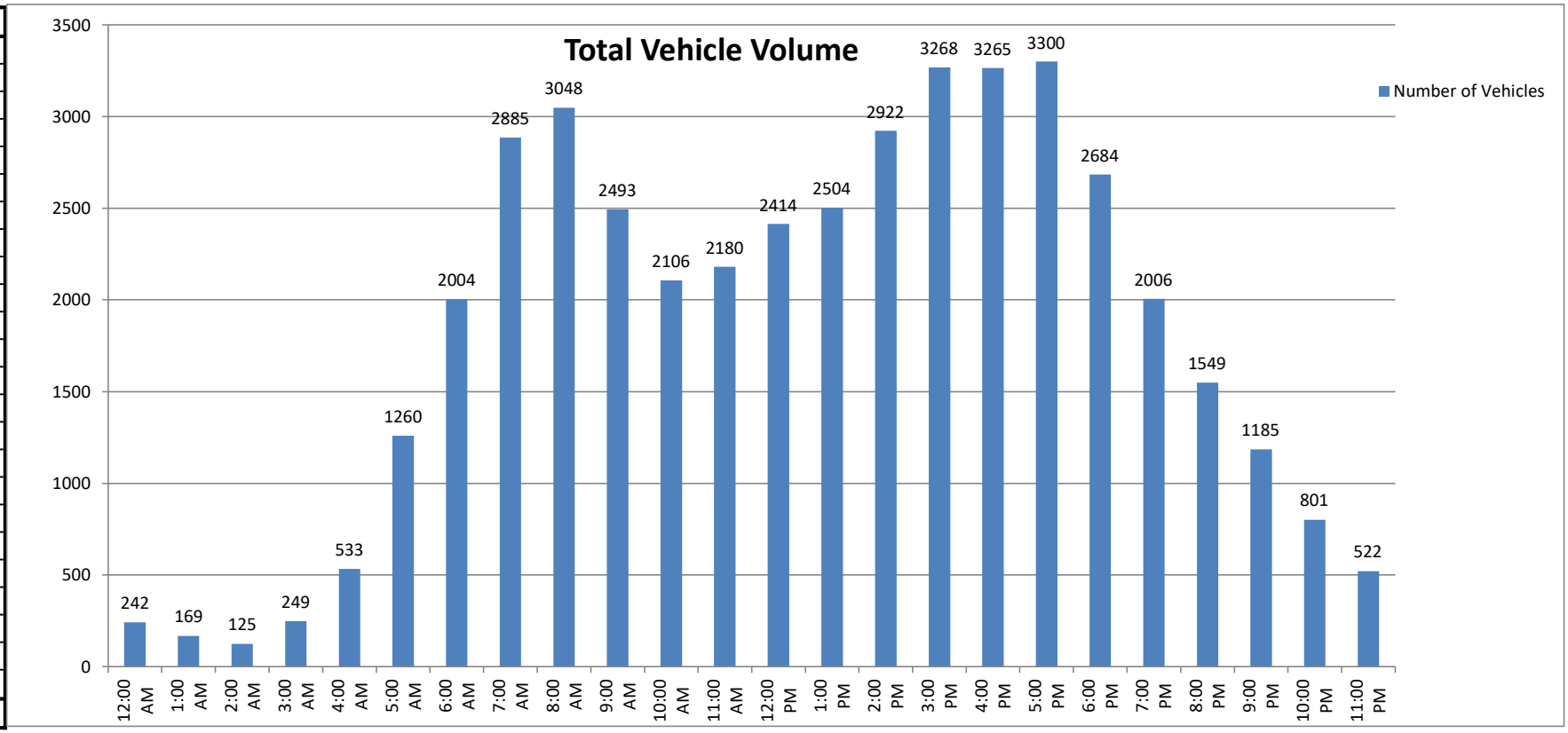
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Bake Parkway
B/ Cromwell - Irvine Boulevard
3/19/2024

Start Time	3/19/2024
12:00 AM	242
1:00 AM	169
2:00 AM	125
3:00 AM	249
4:00 AM	533
5:00 AM	1260
6:00 AM	2004
7:00 AM	2885
8:00 AM	3048
9:00 AM	2493
10:00 AM	2106
11:00 AM	2180
12:00 PM	2414
1:00 PM	2504
2:00 PM	2922
3:00 PM	3268
4:00 PM	3265
5:00 PM	3300
6:00 PM	2684
7:00 PM	2006
8:00 PM	1549
9:00 PM	1185
10:00 PM	801
11:00 PM	522
Total	43714



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Cromwell - Irvine Boulevard

File Name 54
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	50	311			33	274				
12:15	32	271			34	296				
12:30	36	311			23	301				
12:45	36	327	154	1220	18	303	108	1174	262	2394
1:00	24	319			25	318				
1:15	29	359			20	309				
1:30	21	336			7	321				
1:45	9	310	83	1324	27	301	79	1249	162	2573
2:00	11	338			9	318				
2:15	8	330			15	319				
2:30	13	444			33	359				
2:45	6	446	38	1558	19	365	76	1361	114	2919
3:00	9	384			24	351				
3:15	18	355			35	356				
3:30	24	449			57	356				
3:45	29	352	80	1540	59	398	175	1461	255	3001
4:00	20	400			50	434				
4:15	29	335			83	468				
4:30	55	444			118	418				
4:45	67	359	171	1538	177	494	428	1814	599	3352
5:00	77	413			135	467				
5:15	125	407			145	491				
5:30	122	386			229	463				
5:45	114	350	438	1556	324	473	833	1894	1271	3450
6:00	152	347			209	409				
6:15	195	327			250	415				
6:30	222	310			254	387				
6:45	233	278	802	1262	441	357	1154	1568	1956	2830
7:00	308	279			292	292				
7:15	361	216			392	281				
7:30	420	209			365	279				
7:45	447	198	1536	902	418	253	1467	1105	3003	2007
8:00	370	197			415	217				
8:15	380	166			375	273				
8:30	373	183			383	260				
8:45	367	181	1490	727	349	218	1522	968	3012	1695
9:00	324	146			308	195				
9:15	314	168			327	196				
9:30	328	113			299	178				
9:45	326	102	1292	529	253	152	1187	721	2479	1250
10:00	278	97			260	140				
10:15	284	93			219	146				
10:30	288	72			223	112				
10:45	284	52	1134	314	260	112	962	510	2096	824
11:00	271	82			279	74				
11:15	269	52			266	68				
11:30	302	92			281	52				
11:45	315	37	1157	263	235	47	1061	241	2218	504
Totals	8375	12733			9052	14066				
Combined Totals		21108				23118				
ADT										44226
AM Peak Hour	730	AM			745	AM				
Volume	1617				1591					
P.H.F.	0.904				0.952					
PM Peak Hour		245	PM			445	PM			
Volume		1634				1915				
P.H.F.		0.910				0.969				
Percentage	39.7%	60.3%			39.2%	60.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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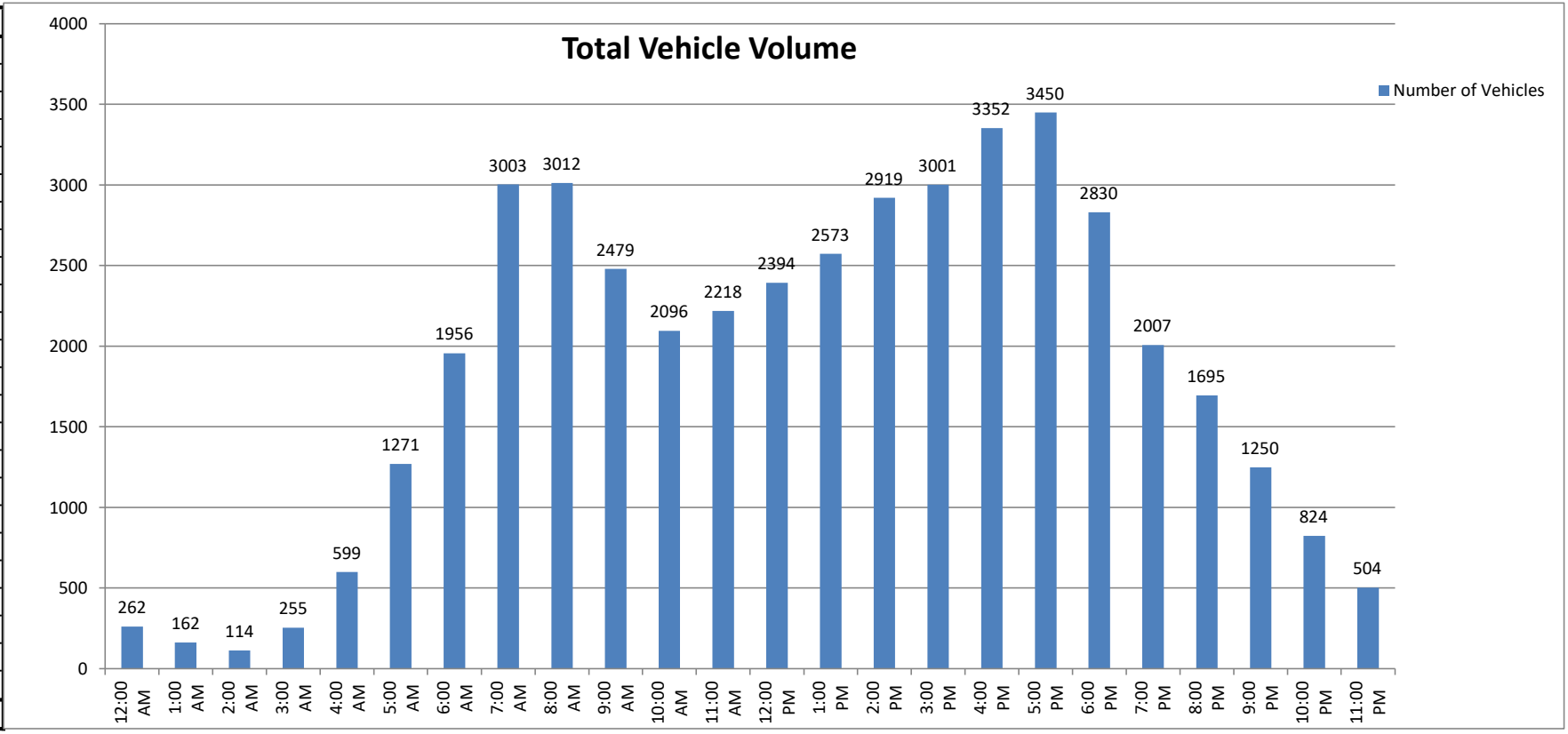
24 Hour Volume Plot

Bake Parkway
B/ Cromwell - Irvine Boulevard
3/20/2024

Start Time	3/20/2024
12:00 AM	262
1:00 AM	162
2:00 AM	114
3:00 AM	255
4:00 AM	599
5:00 AM	1271
6:00 AM	1956
7:00 AM	3003
8:00 AM	3012
9:00 AM	2479
10:00 AM	2096
11:00 AM	2218
12:00 PM	2394
1:00 PM	2573
2:00 PM	2919
3:00 PM	3001
4:00 PM	3352
5:00 PM	3450
6:00 PM	2830
7:00 PM	2007
8:00 PM	1695
9:00 PM	1250
10:00 PM	824
11:00 PM	504
Total	44226



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Cromwell - Irvine Boulevard

File Name 54
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	47	308			35	284				
12:15	28	275			28	300				
12:30	37	316			24	312				
12:45	31	311	142	1209	23	300	110	1195	252	2404
1:00	34	318			19	310				
1:15	29	355			18	283				
1:30	24	338			12	318				
1:45	11	306	98	1316	21	312	68	1223	166	2539
2:00	10	343			13	305				
2:15	11	368			17	307				
2:30	12	431			31	370				
2:45	9	436	41	1577	20	363	79	1344	120	2921
3:00	13	383			22	374				
3:15	23	368			31	358				
3:30	23	462			59	374				
3:45	26	404	84	1616	58	414	169	1519	252	3135
4:00	19	407			44	411				
4:15	28	345			85	440				
4:30	47	428			114	422				
4:45	57	377	150	1556	175	481	416	1753	566	3309
5:00	85	396			122	446				
5:15	119	407			158	512				
5:30	120	347			219	482				
5:45	118	332	441	1481	327	456	825	1895	1266	3375
6:00	153	321			214	426				
6:15	189	306			250	421				
6:30	228	303			273	361				
6:45	249	276	818	1205	426	346	1163	1552	1980	2757
7:00	308	281			304	300				
7:15	362	199			373	279				
7:30	405	220			344	289				
7:45	426	195	1500	894	424	246	1445	1113	2944	2007
8:00	368	169			430	226				
8:15	404	166			380	268				
8:30	352	168			404	242				
8:45	349	162	1472	665	345	223	1558	958	3030	1622
9:00	321	140			335	177				
9:15	321	177			296	188				
9:30	317	115			311	166				
9:45	310	108	1267	539	278	148	1219	679	2486	1218
10:00	285	103			257	133				
10:15	277	104			240	134				
10:30	281	70			250	104				
10:45	263	58	1106	334	249	109	995	479	2101	813
11:00	269	76			263	77				
11:15	264	66			252	68				
11:30	295	87			273	54				
11:45	317	38	1144	267	268	48	1056	247	2199	513
Totals	8260	12657			9101	13953				
Combined Totals		20917				23053				
ADT										43970
AM Peak Hour	730	AM			745	AM				
Volume	1602				1637					
P.H.F.	0.941				0.953					
PM Peak Hour		245	PM			445	PM			
Volume		1648				1920				
P.H.F.		0.893				0.938				
Percentage	39.5%	60.5%			39.5%	60.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Interstate 5 - Rockfield Boulevard

File Name 49
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	53	432			62	528				
12:15	36	400			43	461				
12:30	29	440			55	483				
12:45	21	428	139	1700	33	472	193	1944	332	3644
1:00	29	460			40	435				
1:15	21	408			34	576				
1:30	30	436			36	620				
1:45	20	481	100	1785	31	532	141	2163	241	3948
2:00	18	438			23	573				
2:15	27	442			24	617				
2:30	56	495			29	736				
2:45	26	499	127	1874	17	739	93	2665	220	4539
3:00	31	499			32	631				
3:15	51	543			33	614				
3:30	103	557			42	764				
3:45	113	583	298	2182	28	727	135	2736	433	4918
4:00	79	493			34	708				
4:15	151	576			44	650				
4:30	226	575			64	726				
4:45	332	630	788	2274	73	695	215	2779	1003	5053
5:00	186	641			129	747				
5:15	310	627			169	719				
5:30	361	609			174	586				
5:45	551	606	1408	2483	212	514	684	2566	2092	5049
6:00	363	550			250	522				
6:15	431	506			280	465				
6:30	496	473			360	408				
6:45	666	446	1956	1975	330	449	1220	1844	3176	3819
7:00	587	368			502	379				
7:15	574	378			525	297				
7:30	597	353			625	315				
7:45	756	334	2514	1433	580	305	2232	1296	4746	2729
8:00	697	309			550	259				
8:15	703	312			617	247				
8:30	654	294			504	212				
8:45	670	278	2724	1193	558	232	2229	950	4953	2143
9:00	652	238			452	240				
9:15	567	233			519	239				
9:30	532	214			453	215				
9:45	545	184	2296	869	470	141	1894	835	4190	1704
10:00	426	184			367	149				
10:15	424	165			449	168				
10:30	414	134			417	139				
10:45	380	133	1644	616	437	136	1670	592	3314	1208
11:00	352	87			442	123				
11:15	369	87			449	98				
11:30	416	74			467	106				
11:45	412	66	1549	314	514	54	1872	381	3421	695
Totals	15543	18698			12578	20751				
Combined Totals		34241				33329				
ADT										67570
AM Peak Hour	745	AM			730	AM				
Volume	2810				2372					
P.H.F.	0.929				0.949					
PM Peak Hour		445	PM			430	PM			
Volume		2507				2887				
P.H.F.		0.978				0.966				
Percentage	45.4%	54.6%			37.7%	62.3%				

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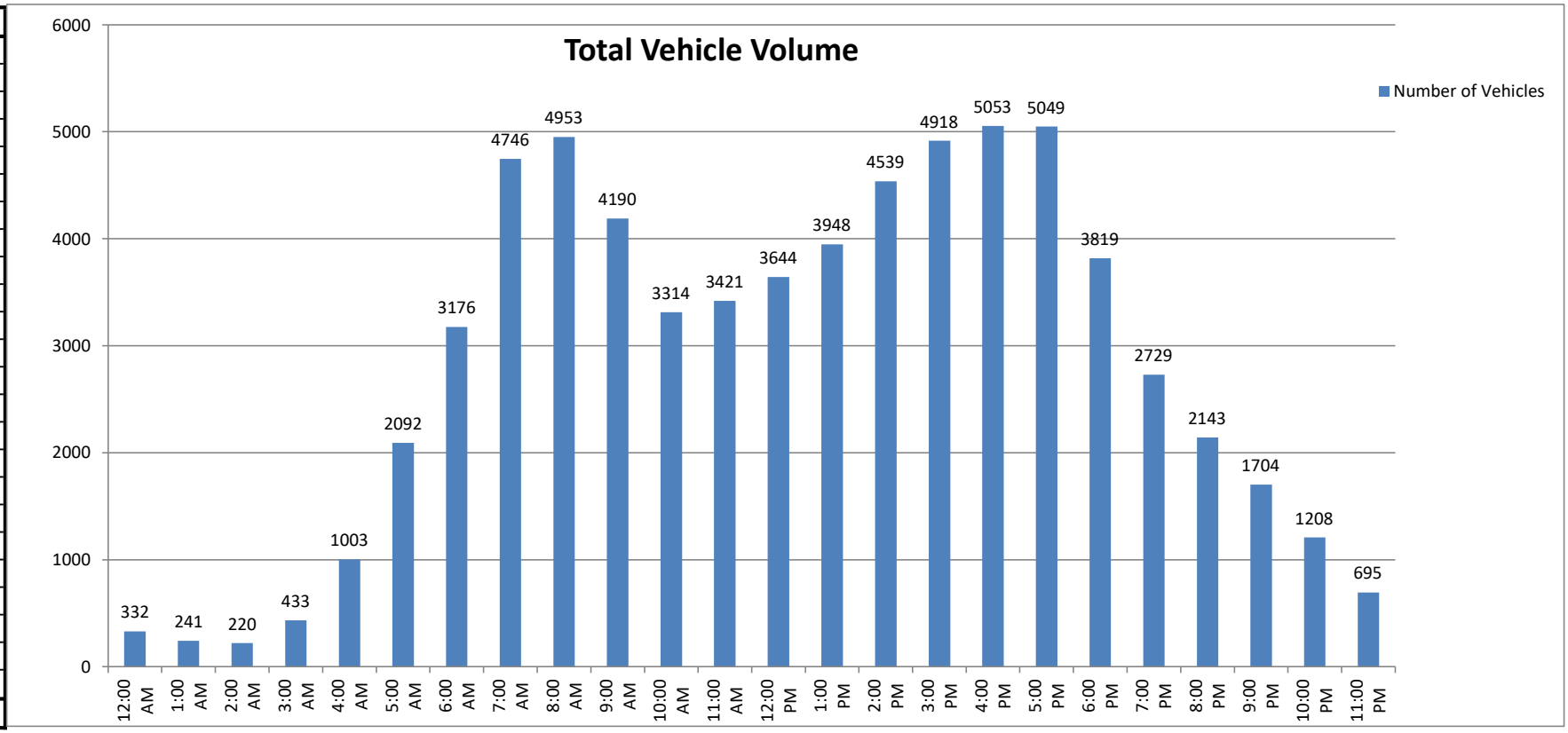
24 Hour Volume Plot

Bake Parkway
B/ Interstate 5 - Rockfield Boulevard
3/19/2024

Start Time	3/19/2024
12:00 AM	332
1:00 AM	241
2:00 AM	220
3:00 AM	433
4:00 AM	1003
5:00 AM	2092
6:00 AM	3176
7:00 AM	4746
8:00 AM	4953
9:00 AM	4190
10:00 AM	3314
11:00 AM	3421
12:00 PM	3644
1:00 PM	3948
2:00 PM	4539
3:00 PM	4918
4:00 PM	5053
5:00 PM	5049
6:00 PM	3819
7:00 PM	2729
8:00 PM	2143
9:00 PM	1704
10:00 PM	1208
11:00 PM	695
Total	67570



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Interstate 5 - Rockfield Boulevard

File Name 49
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	52	444			60	495				
12:15	52	387			59	543				
12:30	45	418			61	428				
12:45	29	456	178	1705	39	502	219	1968	397	3673
1:00	33	447			36	444				
1:15	35	438			41	512				
1:30	23	464			36	662				
1:45	37	502	128	1851	19	550	132	2168	260	4019
2:00	24	464			28	575				
2:15	42	486			22	579				
2:30	49	489			30	750				
2:45	30	439	145	1878	23	678	103	2582	248	4460
3:00	35	498			27	638				
3:15	56	538			24	602				
3:30	97	492			37	730				
3:45	101	581	289	2109	37	686	125	2656	414	4765
4:00	81	565			46	772				
4:15	154	570			42	595				
4:30	234	638			84	690				
4:45	335	630	804	2403	79	650	251	2707	1055	5110
5:00	224	639			119	736				
5:15	296	660			155	747				
5:30	396	615			200	579				
5:45	515	617	1431	2531	181	576	655	2638	2086	5169
6:00	336	568			252	566				
6:15	428	515			288	565				
6:30	479	482			352	485				
6:45	640	450	1883	2015	352	423	1244	2039	3127	4054
7:00	590	367			440	386				
7:15	619	407			514	343				
7:30	675	315			621	299				
7:45	774	375	2658	1464	636	274	2211	1302	4869	2766
8:00	703	274			504	318				
8:15	664	341			613	268				
8:30	620	296			560	231				
8:45	620	289	2607	1200	538	260	2215	1077	4822	2277
9:00	606	249			480	225				
9:15	605	297			521	232				
9:30	423	261			410	174				
9:45	440	229	2074	1036	524	169	1935	800	4009	1836
10:00	381	221			388	141				
10:15	376	193			439	153				
10:30	344	191			388	119				
10:45	445	161	1546	766	474	112	1689	525	3235	1291
11:00	393	121			398	130				
11:15	385	92			475	85				
11:30	390	75			486	111				
11:45	381	63	1549	351	450	54	1809	380	3358	731
Totals	15292	19309			12588	20842				
Combined Totals		34601				33430				
ADT										68031
AM Peak Hour	730	AM			730	AM				
Volume	2816				2374					
P.H.F.	0.910				0.933					
PM Peak Hour		430	PM			430	PM			
Volume		2567				2823				
P.H.F.		0.972				0.945				
Percentage	44.2%	55.8%			37.7%	62.3%				

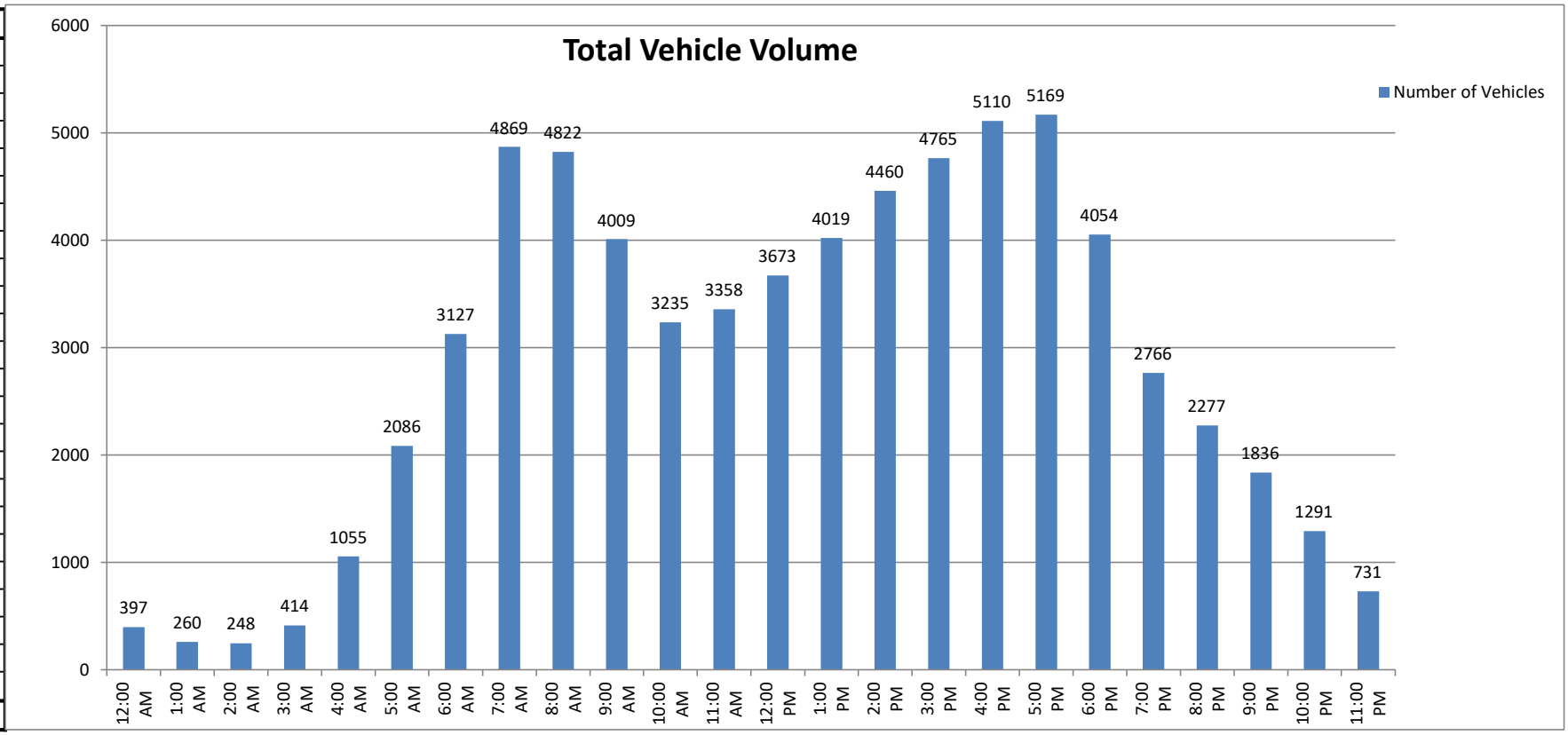
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Bake Parkway
B/ Interstate 5 - Rockfield Boulevard
3/20/2024

Start Time	3/20/2024
12:00 AM	397
1:00 AM	260
2:00 AM	248
3:00 AM	414
4:00 AM	1055
5:00 AM	2086
6:00 AM	3127
7:00 AM	4869
8:00 AM	4822
9:00 AM	4009
10:00 AM	3235
11:00 AM	3358
12:00 PM	3673
1:00 PM	4019
2:00 PM	4460
3:00 PM	4765
4:00 PM	5110
5:00 PM	5169
6:00 PM	4054
7:00 PM	2766
8:00 PM	2277
9:00 PM	1836
10:00 PM	1291
11:00 PM	731
Total	68031



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City of Irvine
Bake Parkway
B/ Interstate 5 - Rockfield Boulevard

File Name 49
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	53	438			61	512				
12:15	44	394			51	502				
12:30	37	429			58	456				
12:45	25	442	159	1703	36	487	206	1956	365	3659
1:00	31	454			38	440				
1:15	28	423			38	544				
1:30	27	450			36	641				
1:45	29	492	114	1818	25	541	137	2166	251	3984
2:00	21	451			26	574				
2:15	35	464			23	598				
2:30	53	492			30	743				
2:45	28	469	136	1876	20	709	98	2624	234	4500
3:00	33	499			30	635				
3:15	54	541			29	608				
3:30	100	525			40	747				
3:45	107	582	294	2146	33	707	130	2696	424	4842
4:00	80	529			40	740				
4:15	153	573			43	623				
4:30	230	607			74	708				
4:45	334	630	796	2339	76	673	233	2743	1029	5082
5:00	205	640			124	742				
5:15	303	644			162	733				
5:30	379	612			187	583				
5:45	533	612	1420	2507	197	545	670	2602	2089	5109
6:00	350	559			251	544				
6:15	430	511			284	515				
6:30	488	478			356	447				
6:45	653	448	1920	1995	341	436	1232	1942	3152	3937
7:00	589	368			471	383				
7:15	597	393			520	320				
7:30	636	334			623	307				
7:45	765	355	2586	1449	608	290	2222	1299	4808	2748
8:00	700	292			527	289				
8:15	684	327			615	258				
8:30	637	295			532	222				
8:45	645	284	2666	1197	548	246	2222	1014	4888	2210
9:00	629	244			466	233				
9:15	586	265			520	236				
9:30	478	238			432	195				
9:45	493	207	2185	953	497	155	1915	818	4100	1770
10:00	404	203			378	145				
10:15	400	179			444	161				
10:30	379	163			403	129				
10:45	413	147	1595	691	456	124	1680	559	3275	1250
11:00	373	104			420	127				
11:15	377	90			462	92				
11:30	403	75			477	109				
11:45	397	65	1549	333	482	54	1841	381	3390	713
Totals	15418	19004			12583	20797				
Combined Totals		34421				33380				
ADT										67801
AM Peak Hour	745	AM			730	AM				
Volume	2786				2373					
P.H.F.	0.910				0.952					
PM Peak Hour		445	PM			430	PM			
Volume		2526				2855				
P.H.F.		0.981				0.963				
Percentage	44.8%	55.2%			37.7%	62.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Irvine Center Drive - Research Drive

File Name 47
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	47			1	58				
12:15	3	48			2	58				
12:30	3	49			3	52				
12:45	0	49	8	193	5	63	11	231	19	424
1:00	2	54			0	59				
1:15	2	47			2	49				
1:30	1	62			2	55				
1:45	1	55	6	218	1	45	5	208	11	426
2:00	0	41			3	58				
2:15	0	58			1	54				
2:30	0	42			2	50				
2:45	1	44	1	185	0	47	6	209	7	394
3:00	3	45			0	58				
3:15	0	57			3	44				
3:30	0	64			4	52				
3:45	3	40	6	206	2	70	9	224	15	430
4:00	1	62			3	58				
4:15	2	53			3	86				
4:30	4	76			0	71				
4:45	3	49	10	240	2	68	8	283	18	523
5:00	6	72			14	62				
5:15	8	76			2	98				
5:30	11	64			21	88				
5:45	6	60	31	272	14	79	51	327	82	599
6:00	10	41			24	53				
6:15	17	44			28	55				
6:30	23	49			35	53				
6:45	28	41	78	175	51	48	138	209	216	384
7:00	28	43			34	54				
7:15	33	40			37	48				
7:30	30	41			52	29				
7:45	36	20	127	144	50	30	173	161	300	305
8:00	42	32			62	33				
8:15	46	24			57	32				
8:30	57	30			80	24				
8:45	53	27	198	113	80	21	279	110	477	223
9:00	54	23			81	23				
9:15	50	27			48	30				
9:30	54	8			47	30				
9:45	48	24	206	82	54	17	230	100	436	182
10:00	57	18			50	16				
10:15	31	13			44	23				
10:30	42	14			50	13				
10:45	34	9	164	54	43	12	187	64	351	118
11:00	44	5			45	13				
11:15	44	6			53	11				
11:30	44	2			42	10				
11:45	52	5	184	18	44	10	184	44	368	62
Totals	1019	1900			1281	2170				
Combined Totals		2919				3451				
ADT										6370
AM Peak Hour	830	AM			815	AM				
Volume	214				298					
P.H.F.	0.939				0.920					
PM Peak Hour		430	PM			500	PM			
Volume		273				327				
P.H.F.		0.898				0.834				
Percentage	34.9%	65.1%			37.1%	62.9%				

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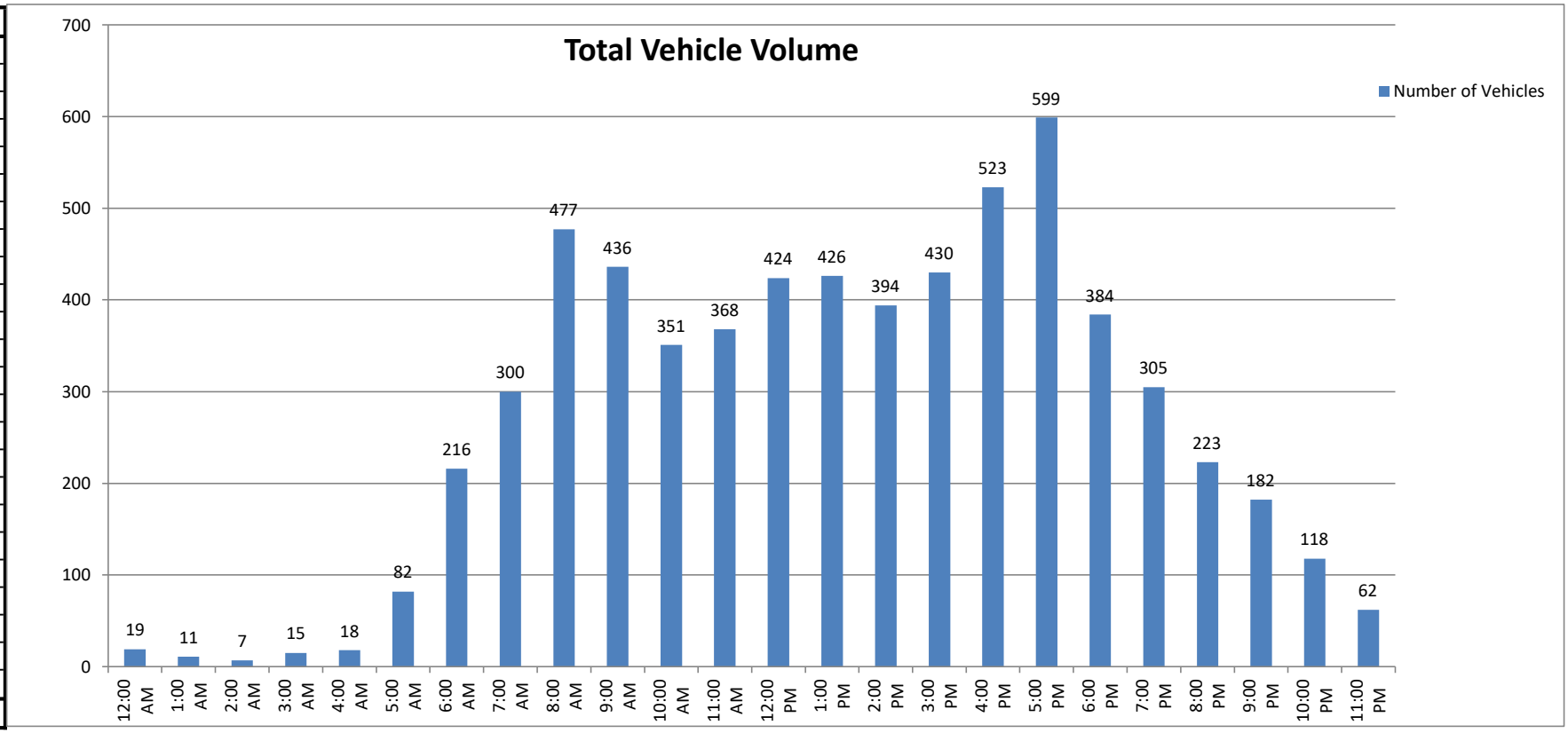
24 Hour Volume Plot

Bake Parkway

B/ Irvine Center Drive - Research Drive

3/19/2024

Start Time	3/19/2024
12:00 AM	19
1:00 AM	11
2:00 AM	7
3:00 AM	15
4:00 AM	18
5:00 AM	82
6:00 AM	216
7:00 AM	300
8:00 AM	477
9:00 AM	436
10:00 AM	351
11:00 AM	368
12:00 PM	424
1:00 PM	426
2:00 PM	394
3:00 PM	430
4:00 PM	523
5:00 PM	599
6:00 PM	384
7:00 PM	305
8:00 PM	223
9:00 PM	182
10:00 PM	118
11:00 PM	62
Total	6370



Volumes represent the combined totals for both directions

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City of Irvine
Bake Parkway
B/ Irvine Center Drive - Research Drive

File Name 47
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	55			8	48				
12:15	1	50			8	56				
12:30	5	41			8	59				
12:45	1	62	14	208	3	48	27	211	41	419
1:00	4	50			6	46				
1:15	1	56			0	51				
1:30	0	44			2	65				
1:45	0	58	5	208	2	50	10	212	15	420
2:00	2	49			3	50				
2:15	1	50			2	42				
2:30	1	53			0	39				
2:45	2	42	6	194	1	46	6	177	12	371
3:00	1	44			0	52				
3:15	0	62			1	69				
3:30	2	56			3	51				
3:45	4	50	7	212	4	64	8	236	15	448
4:00	2	62			2	78				
4:15	2	53			1	69				
4:30	2	60			3	86				
4:45	4	45	10	220	3	90	9	323	19	543
5:00	8	78			10	71				
5:15	10	72			7	72				
5:30	15	56			15	73				
5:45	14	68	47	274	14	67	46	283	93	557
6:00	14	62			25	82				
6:15	20	40			26	68				
6:30	27	48			41	52				
6:45	31	56	92	206	42	69	134	271	226	477
7:00	29	45			24	44				
7:15	30	51			46	48				
7:30	32	42			40	44				
7:45	61	45	152	183	60	24	170	160	322	343
8:00	58	40			52	28				
8:15	51	18			57	30				
8:30	55	30			73	24				
8:45	56	22	220	110	84	28	266	110	486	220
9:00	50	21			67	26				
9:15	49	14			44	31				
9:30	45	19			35	28				
9:45	46	20	190	74	60	19	206	104	396	178
10:00	36	18			58	19				
10:15	44	10			52	14				
10:30	37	10			55	24				
10:45	47	10	164	48	54	7	219	64	383	112
11:00	39	7			42	6				
11:15	46	8			30	11				
11:30	58	4			46	10				
11:45	26	2	169	21	46	4	164	31	333	52
Totals	1076	1958			1265	2182				
Combined Totals		3034				3447				
ADT										6481
AM Peak Hour	745	AM			815	AM				
Volume	225				281					
P.H.F.	0.922				0.836					
PM Peak Hour		500	PM			400	PM			
Volume		274				323				
P.H.F.		0.878				0.897				
Percentage	35.5%	64.5%			36.7%	63.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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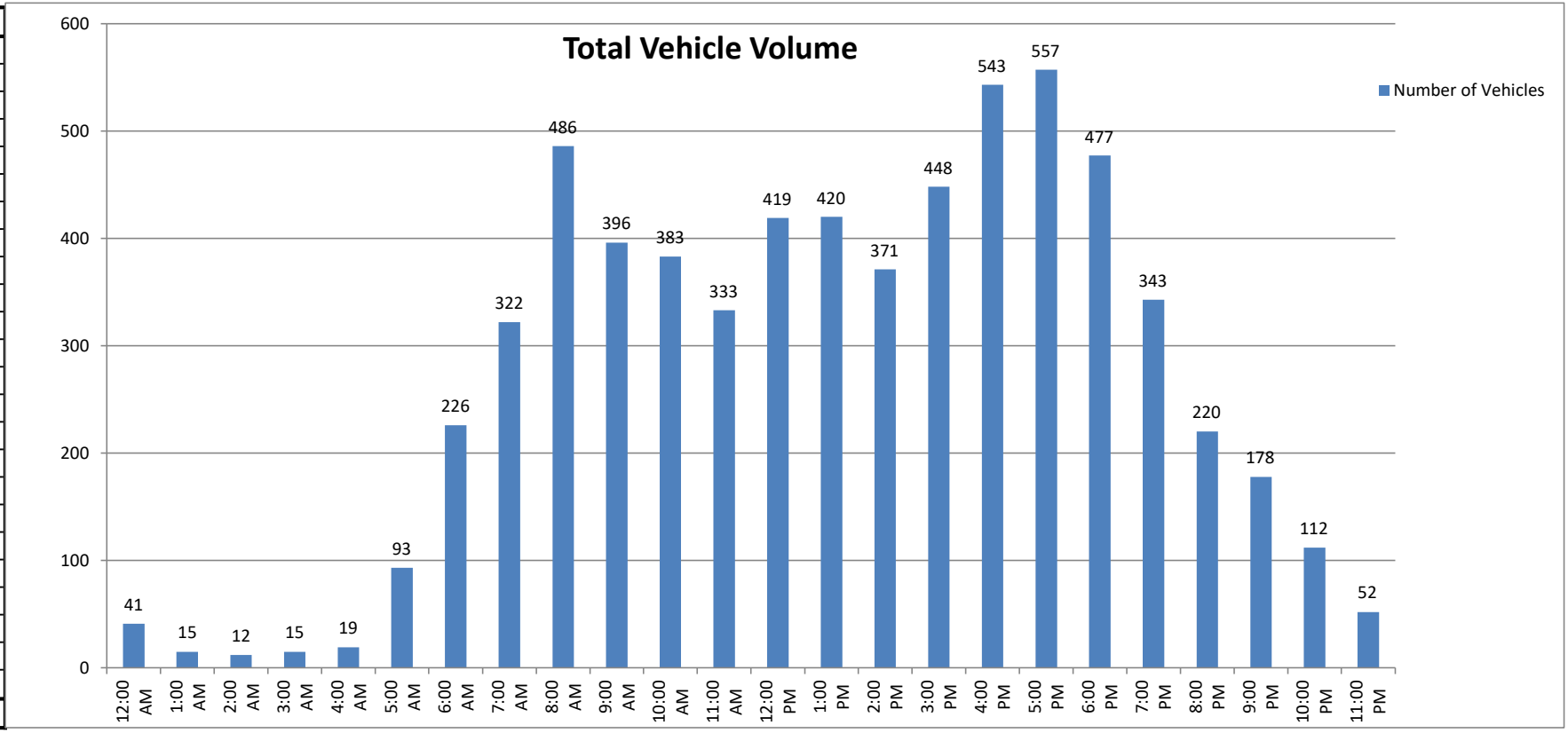
24 Hour Volume Plot

Bake Parkway

B/ Irvine Center Drive - Research Drive

3/20/2024

Start Time	3/20/2024
12:00 AM	41
1:00 AM	15
2:00 AM	12
3:00 AM	15
4:00 AM	19
5:00 AM	93
6:00 AM	226
7:00 AM	322
8:00 AM	486
9:00 AM	396
10:00 AM	383
11:00 AM	333
12:00 PM	419
1:00 PM	420
2:00 PM	371
3:00 PM	448
4:00 PM	543
5:00 PM	557
6:00 PM	477
7:00 PM	343
8:00 PM	220
9:00 PM	178
10:00 PM	112
11:00 PM	52
Total	6481



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Bake Parkway
B/ Irvine Center Drive - Research Drive

File Name 47
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	51			5	53				
12:15	2	49			5	57				
12:30	4	45			6	56				
12:45	1	56	11	201	4	56	19	221	30	422
1:00	3	52			3	53				
1:15	2	52			1	50				
1:30	1	53			2	60				
1:45	1	57	6	213	2	48	8	210	13	423
2:00	1	45			3	54				
2:15	1	54			2	48				
2:30	1	48			1	45				
2:45	2	43	4	190	1	47	6	193	10	383
3:00	2	45			0	55				
3:15	0	60			2	57				
3:30	1	60			4	52				
3:45	4	45	7	209	3	67	9	230	15	439
4:00	2	62			3	68				
4:15	2	53			2	78				
4:30	3	68			2	79				
4:45	4	47	10	230	3	79	9	303	19	533
5:00	7	75			12	67				
5:15	9	74			5	85				
5:30	13	60			18	81				
5:45	10	64	39	273	14	73	49	305	88	578
6:00	12	52			25	68				
6:15	19	42			27	62				
6:30	25	49			38	53				
6:45	30	49	85	191	47	59	136	240	221	431
7:00	29	44			29	49				
7:15	32	46			42	48				
7:30	31	42			46	37				
7:45	49	33	140	164	55	27	172	161	311	324
8:00	50	36			57	31				
8:15	49	21			57	31				
8:30	56	30			77	24				
8:45	55	25	209	112	82	25	273	110	482	222
9:00	52	22			74	25				
9:15	50	21			46	31				
9:30	50	14			41	29				
9:45	47	22	198	78	57	18	218	102	416	180
10:00	47	18			54	18				
10:15	38	12			48	19				
10:30	40	12			53	19				
10:45	41	10	164	51	49	10	203	64	367	115
11:00	42	6			44	10				
11:15	45	7			42	11				
11:30	51	3			44	10				
11:45	39	4	177	20	45	7	174	38	351	57
Totals	1048	1929			1273	2176				
Combined Totals		2977				3449				
ADT										6426
AM Peak Hour	830	AM			815	AM				
Volume	212				290					
P.H.F.	0.946				0.883					
PM Peak Hour		500	PM			445	PM			
Volume		273				311				
P.H.F.		0.910				0.915				
Percentage	35.2%	64.8%			36.9%	63.1%				

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City of Irvine
Bake Parkway
B/ Jeronimo Road - Toledo Way

File Name 52
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	270			52	302				
12:15	26	302			36	305				
12:30	25	318			52	328				
12:45	33	294	126	1184	29	318	169	1253	295	2437
1:00	16	301			44	302				
1:15	16	302			27	412				
1:30	22	306			32	398				
1:45	13	354	67	1263	18	370	121	1482	188	2745
2:00	11	310			7	370				
2:15	20	332			14	431				
2:30	42	382			15	428				
2:45	17	366	90	1390	9	474	45	1703	135	3093
3:00	20	400			22	408				
3:15	45	395			22	426				
3:30	86	412			31	525				
3:45	94	415	245	1622	23	468	98	1827	343	3449
4:00	56	386			24	515				
4:15	106	422			30	380				
4:30	146	421			38	466				
4:45	234	480	542	1709	45	420	137	1781	679	3490
5:00	124	412			99	468				
5:15	182	510			130	446				
5:30	230	470			131	366				
5:45	355	452	891	1844	144	309	504	1589	1395	3433
6:00	250	444			178	320				
6:15	273	436			201	331				
6:30	312	332			233	314				
6:45	443	360	1278	1572	296	294	908	1259	2186	2831
7:00	353	297			341	276				
7:15	380	312			391	218				
7:30	374	282			484	233				
7:45	431	272	1538	1163	380	200	1596	927	3134	2090
8:00	502	243			474	160				
8:15	389	256			438	174				
8:30	444	241			378	170				
8:45	382	233	1717	973	386	149	1676	653	3393	1626
9:00	384	180			348	142				
9:15	324	202			337	192				
9:30	298	162			332	137				
9:45	320	146	1326	690	334	108	1351	579	2677	1269
10:00	225	151			310	124				
10:15	264	142			308	130				
10:30	260	104			290	84				
10:45	260	115	1009	512	301	95	1209	433	2218	945
11:00	230	80			277	94				
11:15	258	72			298	88				
11:30	254	57			304	94				
11:45	309	54	1051	263	344	38	1223	314	2274	577
Totals	9880	14185			9037	13800				
Combined Totals		24065				22837				
ADT										46902
AM Peak Hour	745	AM			730	AM				
Volume	1766				1776					
P.H.F.	0.879				0.917					
PM Peak Hour		515	PM			315	PM			
Volume		1876				1934				
P.H.F.		0.920				0.921				
Percentage	41.1%	58.9%			39.6%	60.4%				

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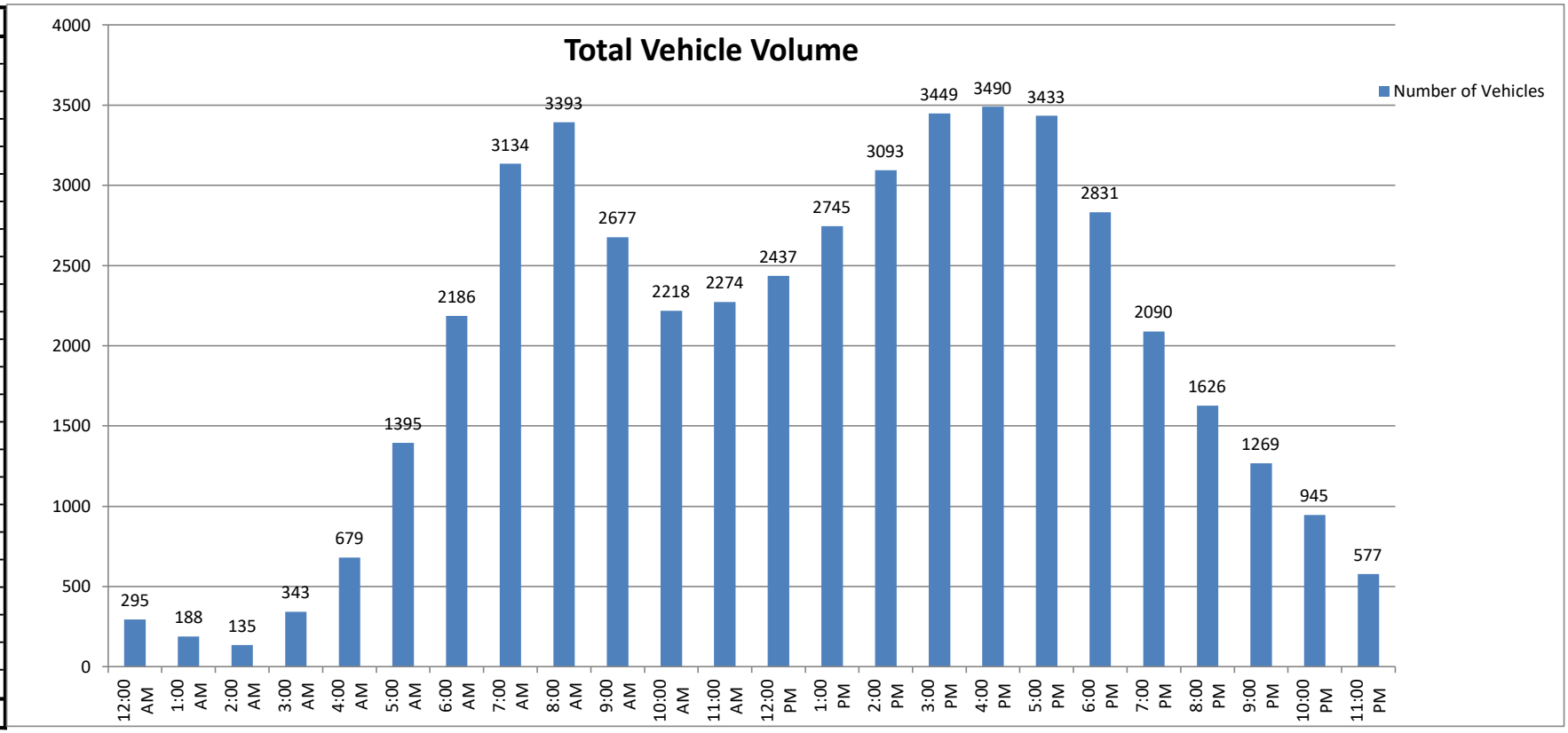
24 Hour Volume Plot

Bake Parkway
B/ Jeronimo Road - Toledo Way

3/19/2024

Start Time	3/19/2024
12:00 AM	295
1:00 AM	188
2:00 AM	135
3:00 AM	343
4:00 AM	679
5:00 AM	1395
6:00 AM	2186
7:00 AM	3134
8:00 AM	3393
9:00 AM	2677
10:00 AM	2218
11:00 AM	2274
12:00 PM	2437
1:00 PM	2745
2:00 PM	3093
3:00 PM	3449
4:00 PM	3490
5:00 PM	3433
6:00 PM	2831
7:00 PM	2090
8:00 PM	1626
9:00 PM	1269
10:00 PM	945
11:00 PM	577
Total	46902



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Bake Parkway
B/ Jeronimo Road - Toledo Way

File Name 52
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	43	250			63	302				
12:15	33	300			42	341				
12:30	23	302			48	287				
12:45	18	302	117	1154	36	331	189	1261	306	2415
1:00	28	330			32	301				
1:15	24	344			29	392				
1:30	12	314			24	423				
1:45	30	354	94	1342	11	354	96	1470	190	2812
2:00	11	318			18	360				
2:15	20	361			11	399				
2:30	41	357			15	448				
2:45	22	366	94	1402	11	464	55	1671	149	3073
3:00	26	366			14	428				
3:15	48	378			15	385				
3:30	84	366			28	478				
3:45	96	414	254	1524	26	420	83	1711	337	3235
4:00	52	412			28	451				
4:15	98	478			26	390				
4:30	158	409			55	472				
4:45	247	466	555	1765	67	366	176	1679	731	3444
5:00	161	460			86	398				
5:15	164	491			140	478				
5:30	241	460			127	402				
5:45	356	478	922	1889	129	383	482	1661	1404	3550
6:00	244	426			166	338				
6:15	264	437			214	397				
6:30	274	384			253	350				
6:45	464	350	1246	1597	276	298	909	1383	2155	2980
7:00	331	282			312	288				
7:15	414	340			394	250				
7:30	391	260			506	221				
7:45	469	281	1605	1163	424	208	1636	967	3241	2130
8:00	462	244			458	192				
8:15	406	276			416	184				
8:30	398	268			418	198				
8:45	402	232	1668	1020	398	188	1690	762	3358	1782
9:00	314	208			358	159				
9:15	370	225			364	175				
9:30	292	186			348	136				
9:45	248	160	1224	779	346	100	1416	570	2640	1349
10:00	225	152			282	112				
10:15	238	158			307	110				
10:30	203	110			270	90				
10:45	272	120	938	540	356	74	1215	386	2153	926
11:00	264	82			274	114				
11:15	288	74			331	58				
11:30	256	58			292	90				
11:45	268	56	1076	270	340	46	1237	308	2313	578
Totals	9793	14445			9184	13829				
Combined Totals		24238				23013				
ADT										47251
AM Peak Hour	715	AM			730	AM				
Volume	1736				1804					
P.H.F.	0.925				0.891					
PM Peak Hour		500	PM			245	PM			
Volume		1889				1755				
P.H.F.		0.962				0.918				
Percentage	40.4%	59.6%			39.9%	60.1%				

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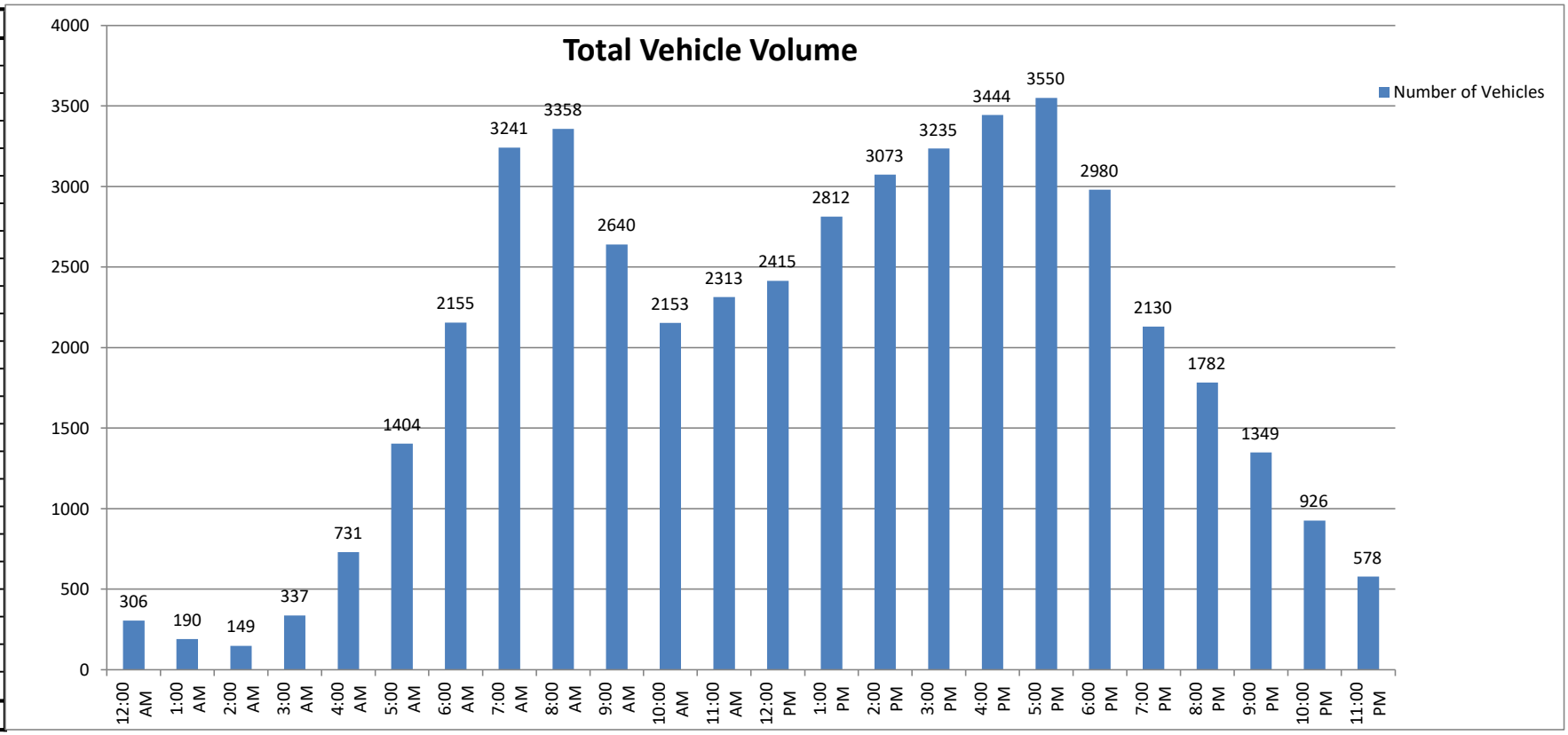
24 Hour Volume Plot

Bake Parkway
B/ Jeronimo Road - Toledo Way
3/20/2024

Start Time	3/20/2024
12:00 AM	306
1:00 AM	190
2:00 AM	149
3:00 AM	337
4:00 AM	731
5:00 AM	1404
6:00 AM	2155
7:00 AM	3241
8:00 AM	3358
9:00 AM	2640
10:00 AM	2153
11:00 AM	2313
12:00 PM	2415
1:00 PM	2812
2:00 PM	3073
3:00 PM	3235
4:00 PM	3444
5:00 PM	3550
6:00 PM	2980
7:00 PM	2130
8:00 PM	1782
9:00 PM	1349
10:00 PM	926
11:00 PM	578
Total	47251



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Bake Parkway
B/ Jeronimo Road - Toledo Way

File Name 52
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	43	260			58	302				
12:15	30	301			39	323				
12:30	24	310			50	308				
12:45	26	298	122	1169	33	325	179	1257	301	2426
1:00	22	316			38	302				
1:15	20	323			28	402				
1:30	17	310			28	411				
1:45	22	354	81	1303	15	362	109	1476	189	2779
2:00	11	314			13	365				
2:15	20	347			13	415				
2:30	42	370			15	438				
2:45	20	366	92	1396	10	469	50	1687	142	3083
3:00	23	383			18	418				
3:15	47	387			19	406				
3:30	85	389			30	502				
3:45	95	415	250	1573	25	444	91	1769	340	3342
4:00	54	399			26	483				
4:15	102	450			28	385				
4:30	152	415			47	469				
4:45	241	473	549	1737	56	393	157	1730	705	3467
5:00	143	436			93	433				
5:15	173	501			135	462				
5:30	236	465			129	384				
5:45	356	465	907	1867	137	346	493	1625	1400	3492
6:00	247	435			172	329				
6:15	269	437			208	364				
6:30	293	358			243	332				
6:45	454	355	1262	1585	286	296	909	1321	2171	2906
7:00	342	290			327	282				
7:15	397	326			393	234				
7:30	383	271			495	227				
7:45	450	277	1572	1163	402	204	1616	947	3188	2110
8:00	482	244			466	176				
8:15	398	266			427	179				
8:30	421	255			398	184				
8:45	392	233	1693	997	392	169	1683	708	3376	1704
9:00	349	194			353	151				
9:15	347	214			351	184				
9:30	295	174			340	137				
9:45	284	153	1275	735	340	104	1384	575	2659	1309
10:00	225	152			296	118				
10:15	251	150			308	120				
10:30	232	107			280	87				
10:45	266	118	974	526	329	85	1212	410	2186	936
11:00	247	81			276	104				
11:15	273	73			315	73				
11:30	255	58			298	92				
11:45	289	55	1064	267	342	42	1230	311	2294	578
Totals	9837	14315			9111	13815				
Combined Totals		24152				22925				
ADT										47077
AM Peak Hour	745	AM			730	AM				
Volume	1751				1790					
P.H.F.	0.908				0.904					
PM Peak Hour		445	PM			315	PM			
Volume		1875				1834				
P.H.F.		0.936				0.914				
Percentage	40.7%	59.3%			39.7%	60.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Bake Parkway
B/ Lake Forest Drive - Irvine Center Drive

File Name 46
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	14			0	44				
12:15	0	16			2	39				
12:30	0	16			2	45				
12:45	0	20	1	66	2	53	6	181	7	247
1:00	0	14			1	52				
1:15	0	21			1	43				
1:30	1	15			0	42				
1:45	0	21	1	71	0	55	2	192	3	263
2:00	0	16			2	74				
2:15	0	16			0	68				
2:30	0	32			0	54				
2:45	0	28	0	92	0	59	2	255	2	347
3:00	0	26			1	88				
3:15	0	19			0	66				
3:30	0	21			0	91				
3:45	1	26	1	92	0	64	1	309	2	401
4:00	0	18			2	66				
4:15	1	12			1	79				
4:30	3	29			3	97				
4:45	0	25	4	84	0	78	6	320	10	404
5:00	0	35			1	106				
5:15	3	18			4	116				
5:30	4	25			2	112				
5:45	4	24	11	102	4	76	11	410	22	512
6:00	2	22			8	81				
6:15	8	27			14	62				
6:30	18	20			16	44				
6:45	14	19	42	88	14	35	52	222	94	310
7:00	14	18			30	47				
7:15	12	16			28	45				
7:30	7	9			55	35				
7:45	14	16	47	59	94	27	207	154	254	213
8:00	32	10			102	27				
8:15	41	10			56	24				
8:30	36	8			58	22				
8:45	28	4	137	32	52	12	268	85	405	117
9:00	22	4			56	21				
9:15	13	10			34	17				
9:30	15	12			50	18				
9:45	18	3	68	29	46	16	186	72	254	101
10:00	19	4			25	21				
10:15	14	6			40	14				
10:30	21	6			43	8				
10:45	19	5	73	21	36	7	144	50	217	71
11:00	12	1			33	6				
11:15	18	0			38	4				
11:30	19	1			46	7				
11:45	20	2	69	4	46	5	163	22	232	26
Totals	454	740			1048	2272				
Combined Totals		1194				3320				
ADT										4514
AM Peak Hour	800 AM				745 AM					
Volume	137				310					
P.H.F.	0.835				0.760					
PM Peak Hour		430 PM				445 PM				
Volume		107				412				
P.H.F.		0.764				0.888				
Percentage	38.0%	62.0%			31.6%	68.4%				

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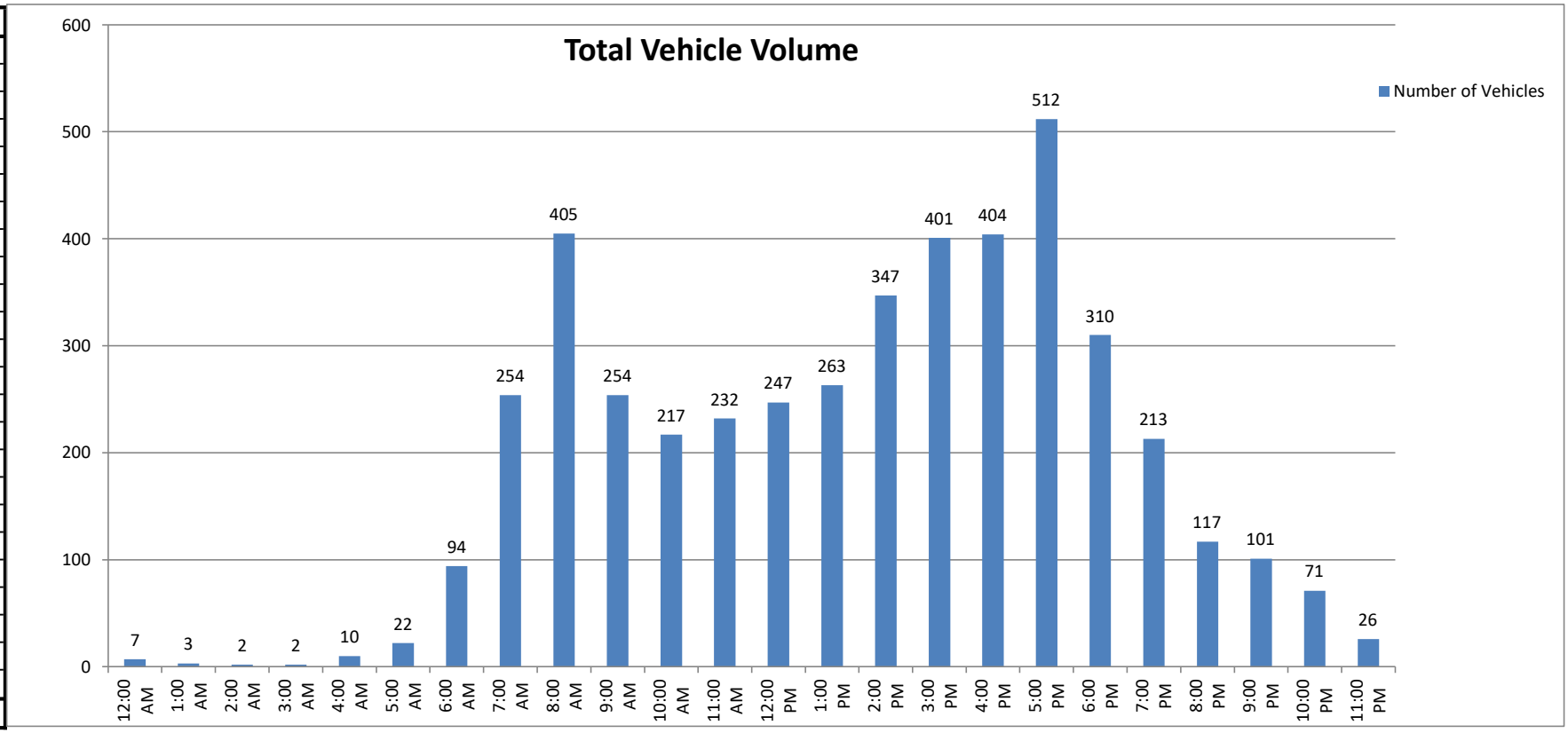
24 Hour Volume Plot

Bake Parkway

B/ Lake Forest Drive - Irvine Center Drive

3/19/2024

Start Time	3/19/2024
12:00 AM	7
1:00 AM	3
2:00 AM	2
3:00 AM	2
4:00 AM	10
5:00 AM	22
6:00 AM	94
7:00 AM	254
8:00 AM	405
9:00 AM	254
10:00 AM	217
11:00 AM	232
12:00 PM	247
1:00 PM	263
2:00 PM	347
3:00 PM	401
4:00 PM	404
5:00 PM	512
6:00 PM	310
7:00 PM	213
8:00 PM	117
9:00 PM	101
10:00 PM	71
11:00 PM	26
Total	4514



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Bake Parkway
B/ Lake Forest Drive - Irvine Center Drive

File Name 46
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	14			3	48				
12:15	1	13			2	56				
12:30	1	17			1	52				
12:45	1	18	6	62	2	56	8	212	14	274
1:00	0	23			0	68				
1:15	0	24			0	59				
1:30	0	27			1	53				
1:45	0	38	0	112	1	45	2	225	2	337
2:00	0	25			3	38				
2:15	0	20			1	47				
2:30	1	24			0	46				
2:45	0	13	1	82	1	52	5	183	6	265
3:00	0	18			0	67				
3:15	0	22			1	81				
3:30	0	23			1	108				
3:45	0	25	0	88	0	76	2	332	2	420
4:00	0	28			1	76				
4:15	3	28			1	78				
4:30	3	28			1	84				
4:45	1	26	7	110	2	82	5	320	12	430
5:00	1	34			3	110				
5:15	1	20			5	86				
5:30	6	46			5	120				
5:45	2	24	10	124	6	78	19	394	29	518
6:00	4	22			8	82				
6:15	10	20			17	56				
6:30	13	27			14	62				
6:45	15	16	42	85	22	50	61	250	103	335
7:00	13	11			16	65				
7:15	10	24			30	46				
7:30	13	12			37	64				
7:45	17	18	53	65	92	23	175	198	228	263
8:00	35	12			94	23				
8:15	38	8			52	24				
8:30	28	12			55	15				
8:45	22	9	123	41	37	21	238	83	361	124
9:00	20	5			48	21				
9:15	19	9			40	17				
9:30	14	7			38	14				
9:45	17	12	70	33	54	21	180	73	250	106
10:00	15	8			30	16				
10:15	25	1			41	5				
10:30	18	3			46	10				
10:45	8	1	66	13	44	5	161	36	227	49
11:00	22	4			56	7				
11:15	24	2			39	5				
11:30	17	2			50	5				
11:45	22	0	85	8	46	0	191	17	276	25
Totals	463	823			1047	2323				
Combined Totals		1286				3370				
ADT										4656
AM Peak Hour	800	AM			745	AM				
Volume	123				293					
P.H.F.	0.809				0.779					
PM Peak Hour		445	PM			445	PM			
Volume		126				398				
P.H.F.		0.685				0.829				
Percentage	36.0%	64.0%			31.1%	68.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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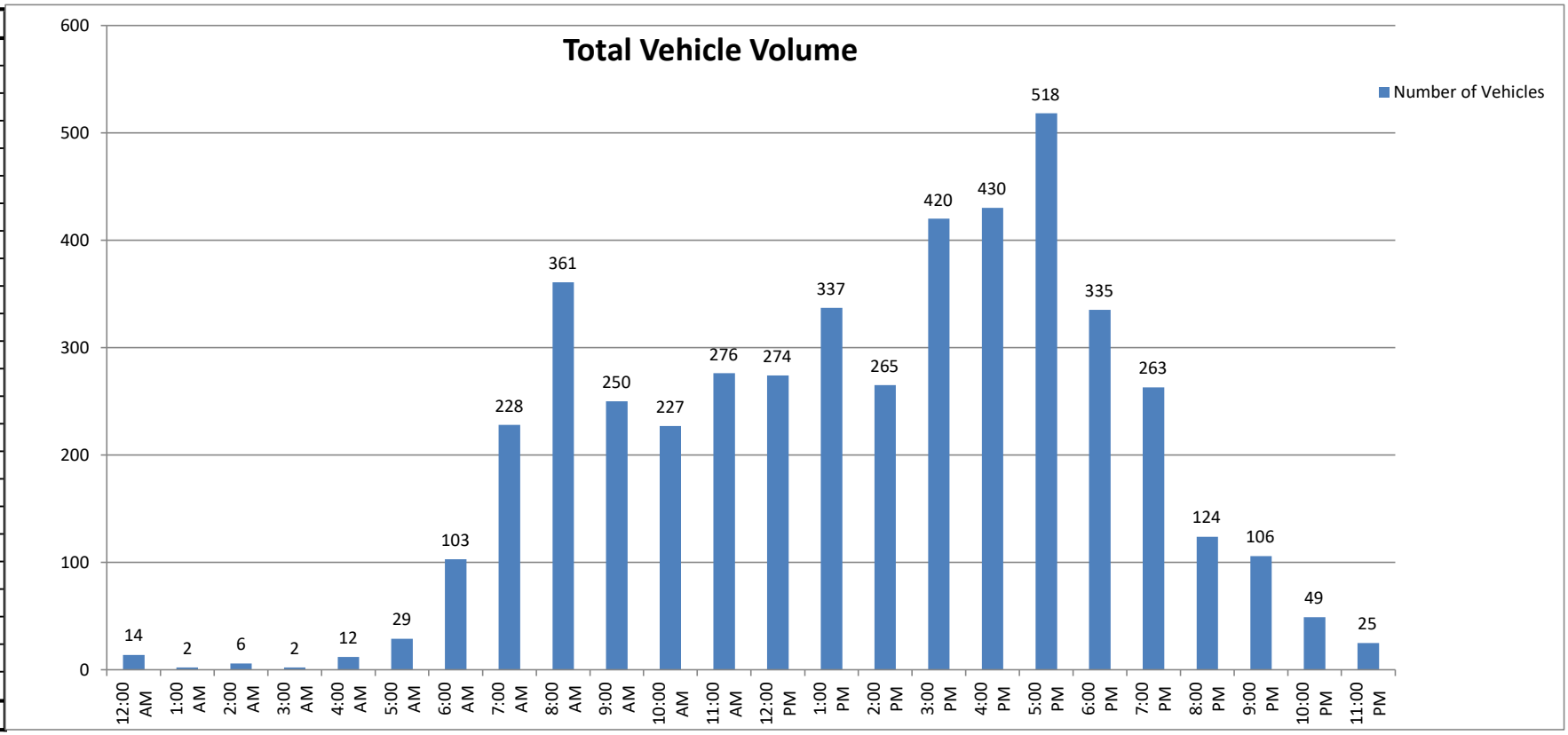
24 Hour Volume Plot

Bake Parkway

B/ Lake Forest Drive - Irvine Center Drive

3/20/2024

Start Time	3/20/2024
12:00 AM	14
1:00 AM	2
2:00 AM	6
3:00 AM	2
4:00 AM	12
5:00 AM	29
6:00 AM	103
7:00 AM	228
8:00 AM	361
9:00 AM	250
10:00 AM	227
11:00 AM	276
12:00 PM	274
1:00 PM	337
2:00 PM	265
3:00 PM	420
4:00 PM	430
5:00 PM	518
6:00 PM	335
7:00 PM	263
8:00 PM	124
9:00 PM	106
10:00 PM	49
11:00 PM	25
Total	4656



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Lake Forest Drive - Irvine Center Drive

File Name 46
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	14			2	46				
12:15	1	15			2	48				
12:30	1	17			2	49				
12:45	1	19	4	64	2	55	7	197	11	261
1:00	0	19			1	60				
1:15	0	23			1	51				
1:30	1	21			1	48				
1:45	0	30	1	92	1	50	2	209	3	300
2:00	0	21			3	56				
2:15	0	18			1	58				
2:30	1	28			0	50				
2:45	0	21	1	87	1	56	4	219	4	306
3:00	0	22			1	78				
3:15	0	21			1	74				
3:30	0	22			1	100				
3:45	1	26	1	90	0	70	2	321	2	411
4:00	0	23			2	71				
4:15	2	20			1	79				
4:30	3	29			2	91				
4:45	1	26	6	97	1	80	6	320	11	417
5:00	1	35			2	108				
5:15	2	19			5	101				
5:30	5	36			4	116				
5:45	3	24	11	113	5	77	15	402	26	515
6:00	3	22			8	82				
6:15	9	24			16	59				
6:30	16	24			15	53				
6:45	15	18	42	87	18	43	57	236	99	323
7:00	14	15			23	56				
7:15	11	20			29	46				
7:30	10	11			46	50				
7:45	16	17	50	62	93	25	191	176	241	238
8:00	34	11			98	25				
8:15	40	9			54	24				
8:30	32	10			57	19				
8:45	25	7	130	37	45	17	253	84	383	121
9:00	21	5			52	21				
9:15	16	10			37	17				
9:30	15	10			44	16				
9:45	18	8	69	31	50	19	183	73	252	104
10:00	17	6			28	19				
10:15	20	4			41	10				
10:30	20	5			45	9				
10:45	14	3	70	17	40	6	153	43	222	60
11:00	17	3			45	7				
11:15	21	1			39	5				
11:30	18	2			48	6				
11:45	21	1	77	6	46	3	177	20	254	26
Totals	459	782			1048	2298				
Combined Totals		1240				3345				
ADT										4585
AM Peak Hour	800	AM			745	AM				
Volume	130				302					
P.H.F.	0.823				0.769					
PM Peak Hour		445	PM			445	PM			
Volume		115				405				
P.H.F.		0.806				0.873				
Percentage	37.0%	63.0%			31.3%	68.7%				

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City of Irvine
Bake Parkway
B/ Muirlands Boulevard - Jeronimo Road

File Name 51
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	364			61	376				
12:15	32	312			41	362				
12:30	35	409			58	408				
12:45	29	356	144	1441	30	378	190	1524	334	2965
1:00	19	394			46	372				
1:15	20	344			35	440				
1:30	26	411			28	464				
1:45	14	388	79	1537	20	405	129	1681	208	3218
2:00	17	386			12	464				
2:15	32	376			14	504				
2:30	46	466			21	514				
2:45	24	445	119	1673	14	564	61	2046	180	3719
3:00	26	442			20	508				
3:15	52	464			30	486				
3:30	91	519			30	620				
3:45	103	496	272	1921	24	530	104	2144	376	4065
4:00	62	513			28	594				
4:15	124	544			36	416				
4:30	180	506			56	548				
4:45	244	622	610	2185	61	504	181	2062	791	4247
5:00	138	594			128	541				
5:15	218	682			152	500				
5:30	312	632			162	430				
5:45	410	579	1078	2487	188	358	630	1829	1708	4316
6:00	297	513			230	382				
6:15	355	506			242	378				
6:30	391	440			344	348				
6:45	526	434	1569	1893	338	342	1154	1450	2723	3343
7:00	456	385			465	324				
7:15	454	343			482	237				
7:30	508	365			582	290				
7:45	612	304	2030	1397	484	224	2013	1075	4043	2472
8:00	621	320			530	198				
8:15	555	315			552	224				
8:30	538	278			462	218				
8:45	488	269	2202	1182	474	200	2018	840	4220	2022
9:00	493	207			412	174				
9:15	376	236			447	206				
9:30	404	201			396	150				
9:45	353	179	1626	823	413	127	1668	657	3294	1480
10:00	321	168			376	140				
10:15	294	170			372	138				
10:30	360	130			346	104				
10:45	252	140	1227	608	368	97	1462	479	2689	1087
11:00	298	84			346	108				
11:15	274	90			351	94				
11:30	329	70			374	100				
11:45	320	64	1221	308	423	42	1494	344	2715	652
Totals	12177	17455			11104	16131				
Combined Totals		29632				27235				
ADT										56867
AM Peak Hour	745	AM			730	AM				
Volume	2326				2148					
P.H.F.	0.936				0.923					
PM Peak Hour		445	PM			315	PM			
Volume		2530				2230				
P.H.F.		0.927				0.899				
Percentage	41.1%	58.9%			40.8%	59.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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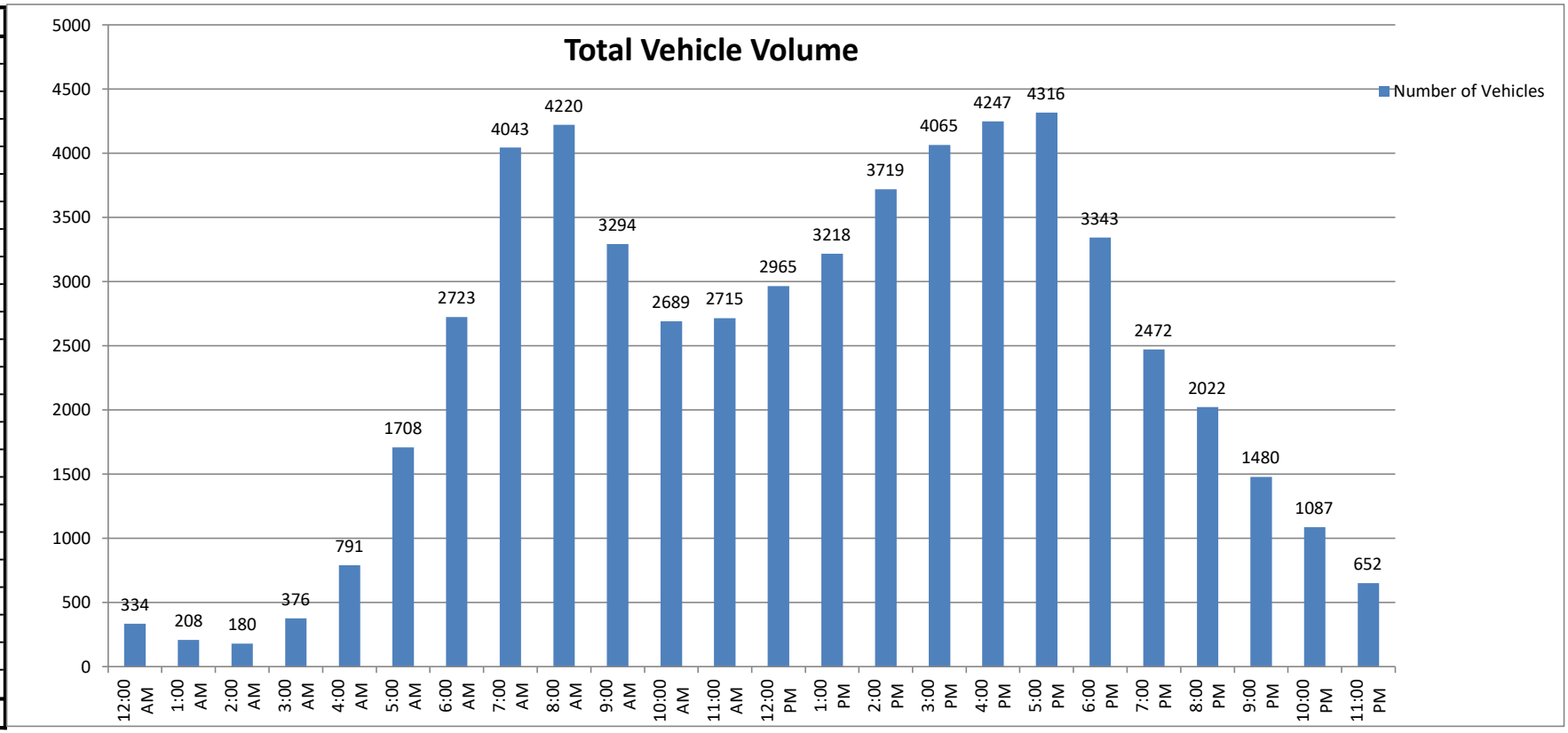
24 Hour Volume Plot

Bake Parkway
B/ Muirlands Boulevard - Jeronimo Road
3/19/2024

Start Time	3/19/2024
12:00 AM	334
1:00 AM	208
2:00 AM	180
3:00 AM	376
4:00 AM	791
5:00 AM	1708
6:00 AM	2723
7:00 AM	4043
8:00 AM	4220
9:00 AM	3294
10:00 AM	2689
11:00 AM	2715
12:00 PM	2965
1:00 PM	3218
2:00 PM	3719
3:00 PM	4065
4:00 PM	4247
5:00 PM	4316
6:00 PM	3343
7:00 PM	2472
8:00 PM	2022
9:00 PM	1480
10:00 PM	1087
11:00 PM	652
Total	56867



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Bake Parkway
B/ Muirlands Boulevard - Jeronimo Road

File Name 51
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	346			68	386				
12:15	48	342			52	387				
12:30	38	367			45	340				
12:45	22	360	156	1415	40	424	205	1537	361	2952
1:00	34	398			32	356				
1:15	30	366			43	446				
1:30	16	442			24	480				
1:45	36	377	116	1583	12	396	111	1678	227	3261
2:00	23	447			18	464				
2:15	28	382			15	464				
2:30	43	449			22	548				
2:45	26	390	120	1668	14	550	69	2026	189	3694
3:00	33	434			14	492				
3:15	54	470			22	434				
3:30	96	430			28	553				
3:45	88	494	271	1828	30	479	94	1958	365	3786
4:00	66	520			31	556				
4:15	122	565			39	409				
4:30	181	588			71	552				
4:45	256	622	625	2295	80	450	221	1967	846	4262
5:00	158	620			110	493				
5:15	208	644			158	529				
5:30	325	624			170	468				
5:45	412	595	1103	2483	156	419	594	1909	1697	4392
6:00	260	530			220	405				
6:15	338	542			281	464				
6:30	369	469			332	390				
6:45	526	453	1493	1994	312	360	1145	1619	2638	3613
7:00	428	406			434	308				
7:15	470	364			464	276				
7:30	567	330			567	241				
7:45	638	318	2103	1418	530	245	1995	1070	4098	2488
8:00	612	312			444	244				
8:15	480	341			530	230				
8:30	502	293			493	230				
8:45	476	282	2070	1228	490	206	1957	910	4027	2138
9:00	486	246			416	198				
9:15	390	271			444	194				
9:30	334	210			429	149				
9:45	304	225	1514	952	396	120	1685	661	3199	1613
10:00	306	200			350	128				
10:15	256	176			386	121				
10:30	292	158			336	105				
10:45	283	142	1137	676	406	81	1478	435	2615	1111
11:00	336	114			362	132				
11:15	291	81			389	69				
11:30	348	81			353	106				
11:45	269	58	1244	334	412	47	1516	354	2760	688
Totals	11952	17874			11070	16124				
Combined Totals		29826				27194				
ADT										57020
AM Peak Hour	730	AM			730	AM				
Volume	2297				2071					
P.H.F.	0.900				0.913					
PM Peak Hour		445	PM			215	PM			
Volume		2510				2054				
P.H.F.		0.974				0.934				
Percentage	40.1%	59.9%			40.7%	59.3%				

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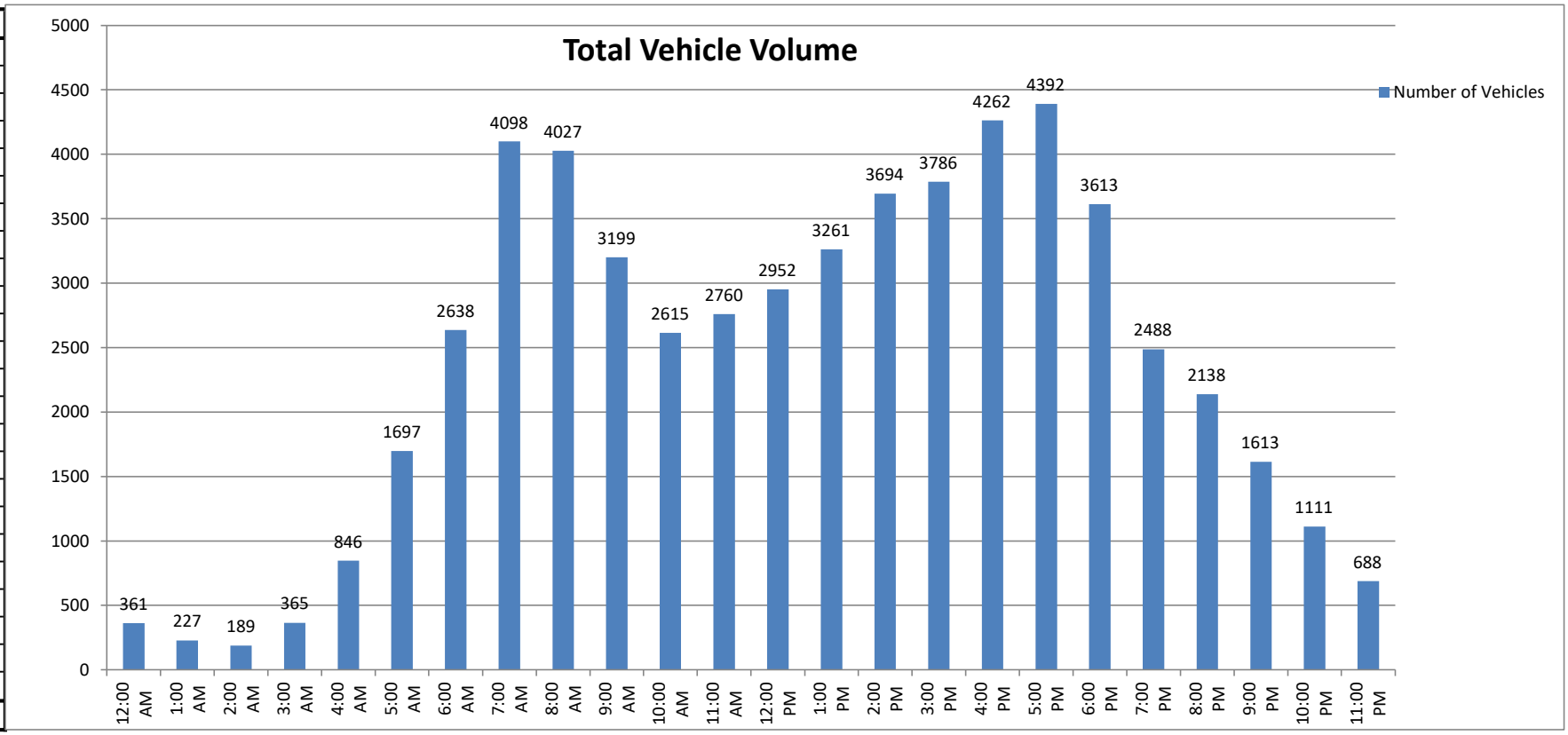
24 Hour Volume Plot

Bake Parkway
B/ Muirlands Boulevard - Jeronimo Road
3/20/2024

Start Time	3/20/2024
12:00 AM	361
1:00 AM	227
2:00 AM	189
3:00 AM	365
4:00 AM	846
5:00 AM	1697
6:00 AM	2638
7:00 AM	4098
8:00 AM	4027
9:00 AM	3199
10:00 AM	2615
11:00 AM	2760
12:00 PM	2952
1:00 PM	3261
2:00 PM	3694
3:00 PM	3786
4:00 PM	4262
5:00 PM	4392
6:00 PM	3613
7:00 PM	2488
8:00 PM	2138
9:00 PM	1613
10:00 PM	1111
11:00 PM	688
Total	57020



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Muirlands Boulevard - Jeronimo Road

File Name 51
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	355			65	381				
12:15	40	327			47	375				
12:30	37	388			52	374				
12:45	26	358	150	1428	35	401	198	1531	348	2959
1:00	27	396			39	364				
1:15	25	355			39	443				
1:30	21	427			26	472				
1:45	25	383	98	1560	16	401	120	1680	218	3240
2:00	20	417			15	464				
2:15	30	379			15	484				
2:30	45	458			22	531				
2:45	25	418	120	1671	14	557	65	2036	185	3707
3:00	30	438			17	500				
3:15	53	467			26	460				
3:30	94	475			29	587				
3:45	96	495	272	1875	27	505	99	2051	371	3926
4:00	64	517			30	575				
4:15	123	555			38	413				
4:30	181	547			64	550				
4:45	250	622	618	2240	71	477	201	2015	819	4255
5:00	148	607			119	517				
5:15	213	663			155	515				
5:30	319	628			166	449				
5:45	411	587	1091	2485	172	389	612	1869	1703	4354
6:00	279	522			225	394				
6:15	347	524			262	421				
6:30	380	455			338	369				
6:45	526	444	1531	1944	325	351	1150	1535	2681	3478
7:00	442	396			450	316				
7:15	462	354			473	257				
7:30	538	348			575	266				
7:45	625	311	2067	1408	507	235	2004	1073	4071	2480
8:00	617	316			487	221				
8:15	518	328			541	227				
8:30	520	286			478	224				
8:45	482	276	2136	1205	482	203	1988	875	4124	2080
9:00	490	227			414	186				
9:15	383	254			446	200				
9:30	369	206			413	150				
9:45	329	202	1570	888	405	124	1677	659	3247	1547
10:00	314	184			363	134				
10:15	275	173			379	130				
10:30	326	144			341	105				
10:45	268	141	1182	642	387	89	1470	457	2652	1099
11:00	317	99			354	120				
11:15	283	86			370	82				
11:30	339	76			364	103				
11:45	295	61	1233	321	418	45	1505	349	2738	670
Totals	12065	17665			11087	16128				
Combined Totals		29729				27215				
ADT										56944
AM Peak Hour	730	AM			730	AM				
Volume	2297				2110					
P.H.F.	0.919				0.918					
PM Peak Hour		445	PM			315	PM			
Volume		2520				2126				
P.H.F.		0.950				0.906				
Percentage	40.6%	59.4%			40.7%	59.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Bake Parkway
N/ Commercentre Drive
24 Hour Directional Volume Count

LKF018
Site Code: 051-24139

Start Time	5/14/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		23	193			13	202				
12:15		15	190			8	171				
12:30		18	188			7	184				
12:45		8	175	64	746	12	212	40	769	104	1515
01:00		5	146			8	188				
01:15		12	172			17	198				
01:30		6	162			6	208				
01:45		8	155	31	635	6	187	37	781	68	1416
02:00		6	183			4	180				
02:15		9	168			3	**193**				
02:30		24	183			5	**246**				
02:45		14	195	53	729	2	**193**	14	812	67	1541
03:00		14	193			11	**210**				
03:15		18	214			14	170				
03:30		47	216			10	248				
03:45		23	280	102	903	11	166	46	794	148	1697
04:00		30	250			8	212				
04:15		43	245			23	175				
04:30		74	**293**			16	194				
04:45		88	**274**	235	1062	26	201	73	782	308	1844
05:00		54	**292**			56	200				
05:15		68	**302**			81	218				
05:30		122	290			86	188				
05:45		170	272	414	1156	70	184	293	790	707	1946
06:00		112	248			72	212				
06:15		115	227			120	179				
06:30		127	223			118	204				
06:45		212	206	566	904	129	160	439	755	1005	1659
07:00		146	170			186	178				
07:15		166	158			200	160				
07:30		150	163			**226**	162				
07:45		**216**	146	678	637	**242**	120	854	620	1532	1257
08:00		**177**	136			**257**	118				
08:15		**218**	148			**228**	134				
08:30		**190**	127			209	94				
08:45		214	130	799	541	174	68	868	414	1667	955
09:00		170	95			160	110				
09:15		162	88			188	121				
09:30		173	87			143	78				
09:45		180	70	685	340	184	64	675	373	1360	713
10:00		138	69			160	66				
10:15		131	62			140	46				
10:30		135	59			161	34				
10:45		142	28	546	218	134	35	595	181	1141	399
11:00		128	34			154	54				
11:15		168	30			153	28				
11:30		184	23			173	19				
11:45		182	15	662	102	163	11	643	112	1305	214
Total		4835	7973	4835	7973	4577	7183	4577	7183	9412	15156
Combined Total		12808		12808		11760		11760		24568	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	801	-	-	-	953	-	-	-	-	-
P.H.F.		0.919				0.927					
PM Peak	-	-	04:30	-	-	-	02:15	-	-	-	-
Vol.	-	-	1161	-	-	-	842	-	-	-	-
P.H.F.			0.961				0.856				
Percentage		37.7%	62.3%			38.9%	61.1%				
ADT/AADT		ADT 24,568		AADT 24,568							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Bake Parkway
N/ Irvine Boulevard
24 Hour Directional Volume Count

LKF019
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		27	263			22	244				
12:15		19	265			24	218				
12:30		14	288			26	224				
12:45		8	294	68	1110	30	224	102	910	170	2020
01:00		25	238			16	229				
01:15		15	239			18	220				
01:30		4	261			16	320				
01:45		13	294	57	1032	12	207	62	976	119	2008
02:00		17	214			9	227				
02:15		17	253			5	229				
02:30		26	286			15	318				
02:45		24	316	84	1069	10	272	39	1046	123	2115
03:00		23	246			5	258				
03:15		29	313			9	284				
03:30		42	263			12	323				
03:45		48	323	142	1145	13	301	39	1166	181	2311
04:00		25	264			12	325				
04:15		56	334			14	283				
04:30		97	287			31	275				
04:45		138	304	316	1189	28	**283**	85	1166	401	2355
05:00		98	**323**			53	**333**				
05:15		123	**329**			75	**332**				
05:30		209	**384**			82	**290**				
05:45		300	**325**	730	1361	64	224	274	1179	1004	2540
06:00		176	284			79	214				
06:15		210	257			111	221				
06:30		246	306			135	221				
06:45		359	233	991	1080	139	182	464	838	1455	1918
07:00		298	210			169	187				
07:15		227	226			198	127				
07:30		306	167			**223**	144				
07:45		350	146	1181	749	**227**	153	817	611	1998	1360
08:00		309	158			**247**	116				
08:15		**367**	149			**234**	126				
08:30		**306**	203			200	93				
08:45		**348**	136	1330	646	209	102	890	437	2220	1083
09:00		**312**	133			183	115				
09:15		280	113			212	121				
09:30		262	120			205	79				
09:45		252	108	1106	474	198	66	798	381	1904	855
10:00		284	58			177	67				
10:15		240	75			157	84				
10:30		219	73			181	61				
10:45		201	61	944	267	155	66	670	278	1614	545
11:00		229	48			180	57				
11:15		180	45			187	44				
11:30		238	37			221	74				
11:45		262	34	909	164	225	32	813	207	1722	371
Total		7858	10286	7858	10286	5053	9195	5053	9195	12911	19481
Combined Total		18144		18144		14248		14248		32392	
AM Peak	-	08:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	1333	-	-	-	931	-	-	-	-	-
P.H.F.		0.908				0.942					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	1361	-	-	-	1238	-	-	-	-
P.H.F.			0.886				0.929				
Percentage		43.3%	56.7%			35.5%	64.5%				
ADT/AADT		ADT 32,392		AADT 32,392							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Research Drive - Interstate 5

File Name 48
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	210			4	170				
12:15	16	158			10	119				
12:30	14	180			7	150				
12:45	6	182	65	730	5	160	26	599	91	1329
1:00	7	230			5	153				
1:15	3	174			3	146				
1:30	2	192			6	126				
1:45	6	176	18	772	4	154	18	579	36	1351
2:00	4	182			6	138				
2:15	4	177			3	118				
2:30	3	208			1	127				
2:45	5	164	16	731	1	156	11	539	27	1270
3:00	2	187			5	124				
3:15	2	179			2	122				
3:30	5	220			4	136				
3:45	4	188	13	774	12	146	23	528	36	1302
4:00	8	279			6	148				
4:15	2	210			10	158				
4:30	8	264			20	143				
4:45	12	212	30	965	36	168	72	617	102	1582
5:00	23	348			21	174				
5:15	23	260			24	198				
5:30	18	267			32	176				
5:45	24	194	88	1069	66	150	143	698	231	1767
6:00	29	216			67	130				
6:15	38	188			74	128				
6:30	60	180			95	98				
6:45	68	150	195	734	134	126	370	482	565	1216
7:00	67	168			138	118				
7:15	80	130			137	79				
7:30	104	120			143	80				
7:45	104	96	355	514	250	78	668	355	1023	869
8:00	118	85			226	72				
8:15	152	102			258	44				
8:30	132	96			244	62				
8:45	128	78	530	361	296	49	1024	227	1554	588
9:00	129	86			240	49				
9:15	160	72			184	48				
9:30	132	33			166	45				
9:45	159	46	580	237	202	38	792	180	1372	417
10:00	122	54			138	30				
10:15	100	35			172	36				
10:30	151	40			133	31				
10:45	98	17	471	146	140	22	583	119	1054	265
11:00	168	19			132	20				
11:15	150	15			148	16				
11:30	164	16			151	22				
11:45	182	16	664	66	164	16	595	74	1259	140
Totals	3025	7099			4325	4997				
Combined Totals		10124				9322				
ADT										19446
AM Peak Hour	1100	AM			815	AM				
Volume	664				1038					
P.H.F.	0.912				0.877					
PM Peak Hour		445	PM			445	PM			
Volume		1087				716				
P.H.F.		0.781				0.904				
Percentage	29.9%	70.1%			46.4%	53.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

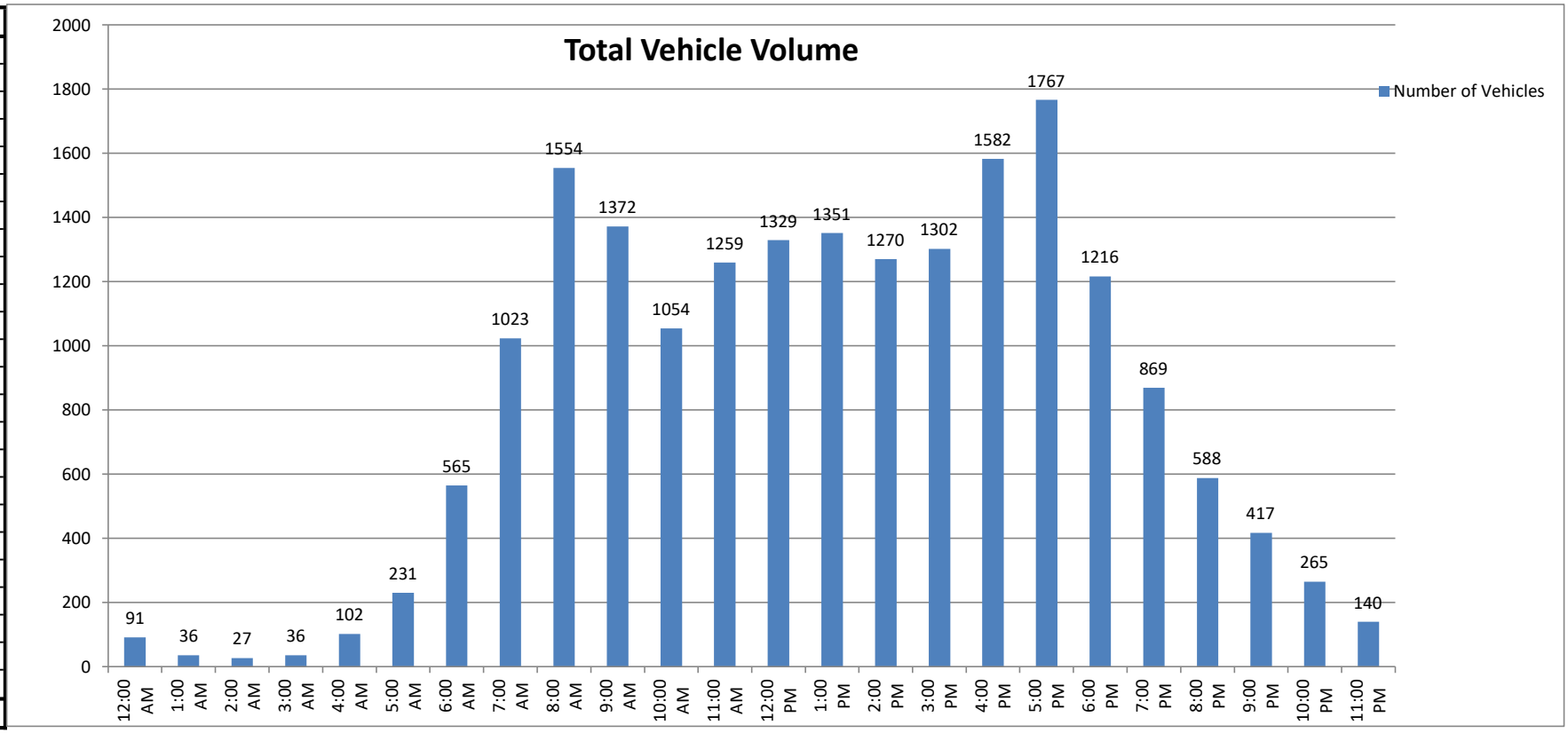
24 Hour Volume Plot

Bake Parkway

B/ Research Drive - Interstate 5

3/19/2024

Start Time	3/19/2024
12:00 AM	91
1:00 AM	36
2:00 AM	27
3:00 AM	36
4:00 AM	102
5:00 AM	231
6:00 AM	565
7:00 AM	1023
8:00 AM	1554
9:00 AM	1372
10:00 AM	1054
11:00 AM	1259
12:00 PM	1329
1:00 PM	1351
2:00 PM	1270
3:00 PM	1302
4:00 PM	1582
5:00 PM	1767
6:00 PM	1216
7:00 PM	869
8:00 PM	588
9:00 PM	417
10:00 PM	265
11:00 PM	140
Total	19446



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Research Drive - Interstate 5

File Name 48
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	214			13	196				
12:15	18	172			10	155				
12:30	26	208			14	163				
12:45	8	176	75	770	7	157	44	671	119	1441
1:00	12	222			10	152				
1:15	5	178			4	164				
1:30	2	176			6	137				
1:45	2	170	21	746	7	141	27	594	48	1340
2:00	12	187			7	144				
2:15	4	178			1	121				
2:30	6	220			1	108				
2:45	0	171	22	756	2	164	11	537	33	1293
3:00	8	210			5	144				
3:15	6	174			7	138				
3:30	3	240			8	112				
3:45	4	178	21	802	13	168	33	562	54	1364
4:00	4	278			6	156				
4:15	7	231			10	156				
4:30	8	226			24	155				
4:45	12	214	31	949	41	170	81	637	112	1586
5:00	12	328			38	152				
5:15	26	304			22	184				
5:30	30	250			34	134				
5:45	25	210	93	1092	57	160	151	630	244	1722
6:00	46	240			58	136				
6:15	39	214			90	155				
6:30	56	174			86	118				
6:45	67	142	208	770	111	142	345	551	553	1321
7:00	71	160			144	90				
7:15	80	142			143	100				
7:30	104	130			160	66				
7:45	132	118	387	550	242	66	689	322	1076	872
8:00	112	92			210	82				
8:15	120	92			267	68				
8:30	127	93			244	50				
8:45	133	74	492	351	293	63	1014	263	1506	614
9:00	134	78			239	61				
9:15	144	51			174	58				
9:30	119	62			184	41				
9:45	145	69	542	260	182	34	779	194	1321	454
10:00	119	40			149	34				
10:15	119	32			192	38				
10:30	132	27			162	26				
10:45	118	28	488	127	168	16	671	114	1159	241
11:00	145	20			144	24				
11:15	174	22			151	20				
11:30	194	9			166	8				
11:45	168	14	681	65	151	8	612	60	1293	125
Totals	3061	7238			4457	5135				
Combined Totals		10299				9592				
ADT										19891
AM Peak Hour	1100	AM			815	AM				
Volume	681				1043					
P.H.F.	0.878				0.890					
PM Peak Hour		445	PM			1200	PM			
Volume		1096				671				
P.H.F.		0.835				0.856				
Percentage	29.7%	70.3%			46.5%	53.5%				

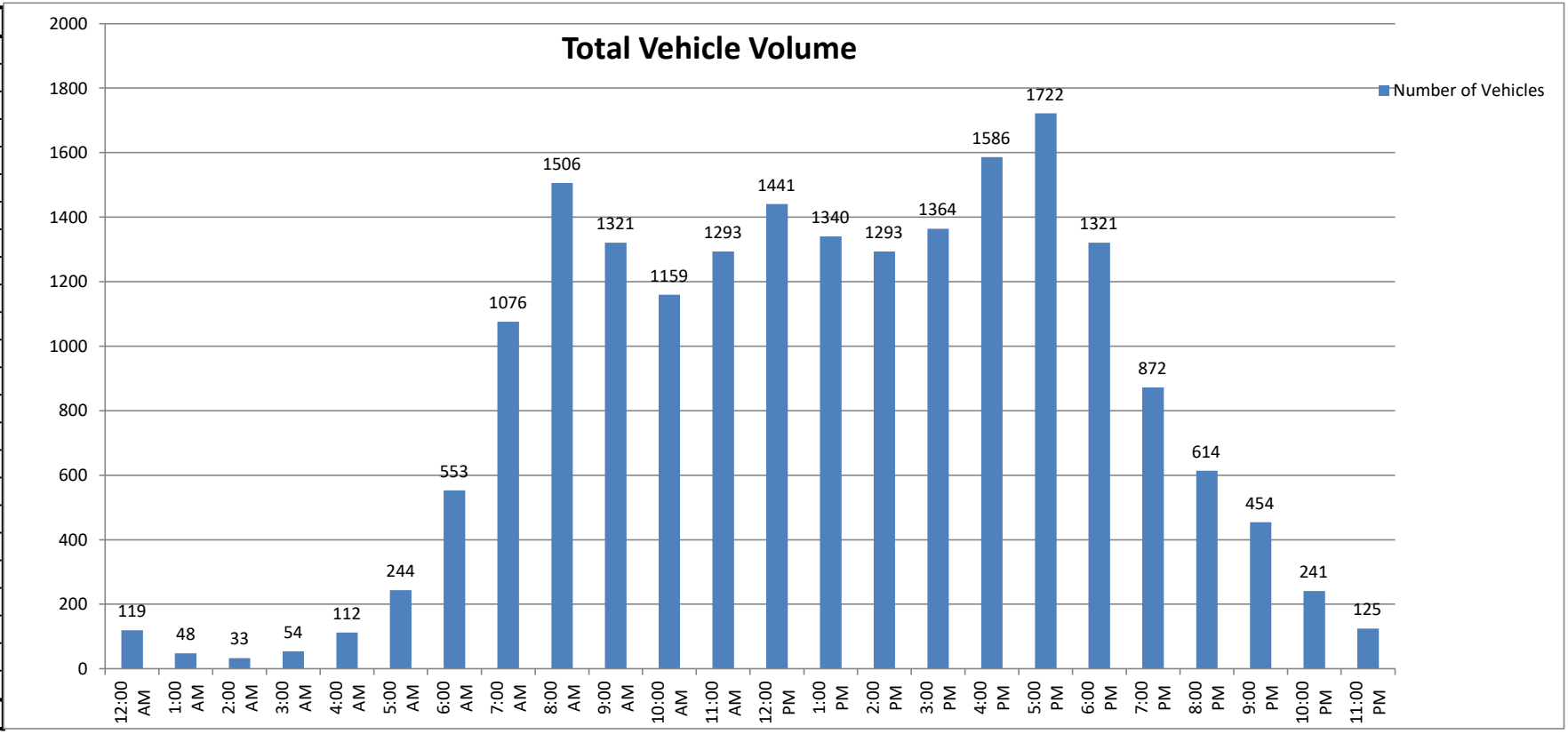
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Bake Parkway
B/ Research Drive - Interstate 5
3/20/2024

Start Time	3/20/2024
12:00 AM	119
1:00 AM	48
2:00 AM	33
3:00 AM	54
4:00 AM	112
5:00 AM	244
6:00 AM	553
7:00 AM	1076
8:00 AM	1506
9:00 AM	1321
10:00 AM	1159
11:00 AM	1293
12:00 PM	1441
1:00 PM	1340
2:00 PM	1293
3:00 PM	1364
4:00 PM	1586
5:00 PM	1722
6:00 PM	1321
7:00 PM	872
8:00 PM	614
9:00 PM	454
10:00 PM	241
11:00 PM	125
Total	19891



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Research Drive - Interstate 5

File Name 48
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	212			9	183				
12:15	17	165			10	137				
12:30	20	194			11	157				
12:45	7	179	70	750	6	159	35	635	105	1385
1:00	10	226			8	153				
1:15	4	176			4	155				
1:30	2	184			6	132				
1:45	4	173	20	759	6	148	23	587	42	1346
2:00	8	185			7	141				
2:15	4	178			2	120				
2:30	5	214			1	118				
2:45	3	168	19	744	2	160	11	538	30	1282
3:00	5	199			5	134				
3:15	4	177			5	130				
3:30	4	230			6	124				
3:45	4	183	17	788	13	157	28	545	45	1333
4:00	6	279			6	152				
4:15	5	221			10	157				
4:30	8	245			22	149				
4:45	12	213	31	957	39	169	77	627	107	1584
5:00	18	338			30	163				
5:15	25	282			23	191				
5:30	24	259			33	155				
5:45	25	202	91	1081	62	155	147	664	238	1745
6:00	38	228			63	133				
6:15	39	201			82	142				
6:30	58	177			91	108				
6:45	68	146	202	752	123	134	358	517	559	1269
7:00	69	164			141	104				
7:15	80	136			140	90				
7:30	104	125			152	73				
7:45	118	107	371	532	246	72	679	339	1050	871
8:00	115	89			218	77				
8:15	136	97			263	56				
8:30	130	95			244	56				
8:45	131	76	511	356	295	56	1019	245	1530	601
9:00	132	82			240	55				
9:15	152	62			179	53				
9:30	126	48			175	43				
9:45	152	58	561	249	192	36	786	187	1347	436
10:00	121	47			144	32				
10:15	110	34			182	37				
10:30	142	34			148	29				
10:45	108	23	480	137	154	19	627	117	1107	253
11:00	157	20			138	22				
11:15	162	19			150	18				
11:30	179	13			159	15				
11:45	175	15	673	66	158	12	604	67	1276	133
Totals	3043	7169			4391	5066				
Combined Totals		10212				9457				
ADT										19669
AM Peak Hour	1100	AM			815	AM				
Volume	673				1041					
P.H.F.	0.939				0.883					
PM Peak Hour		445	PM			445	PM			
Volume		1092				678				
P.H.F.		0.807				0.887				
Percentage	29.8%	70.2%			46.4%	53.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Rockfield Boulevard - Muirlands Boulevard

File Name 50
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	51	321			58	434				
12:15	33	348			45	375				
12:30	32	354			52	406				
12:45	25	371	141	1394	32	376	187	1591	328	2985
1:00	29	368			38	377				
1:15	20	374			29	467				
1:30	28	360			41	539				
1:45	19	422	96	1524	27	400	135	1783	231	3307
2:00	16	352			21	461				
2:15	29	386			25	528				
2:30	54	427			26	499				
2:45	26	436	125	1601	16	577	88	2065	213	3666
3:00	29	409			32	509				
3:15	48	447			35	504				
3:30	105	482			35	637				
3:45	109	480	291	1818	31	535	133	2185	424	4003
4:00	68	451			30	580				
4:15	137	529			42	476				
4:30	192	485			55	563				
4:45	314	556	711	2021	63	516	190	2135	901	4156
5:00	155	543			127	556				
5:15	248	576			149	519				
5:30	302	580			165	481				
5:45	432	534	1137	2233	169	361	610	1917	1747	4150
6:00	310	493			225	395				
6:15	340	468			271	398				
6:30	420	430			293	349				
6:45	468	419	1538	1810	328	361	1117	1503	2655	3313
7:00	490	347			447	347				
7:15	445	362			474	243				
7:30	485	334			551	310				
7:45	563	324	1983	1367	492	245	1964	1145	3947	2512
8:00	530	278			537	213				
8:15	564	305			525	221				
8:30	496	274			463	217				
8:45	539	287	2129	1144	486	207	2011	858	4140	2002
9:00	481	230			411	209				
9:15	453	223			426	213				
9:30	420	204			425	198				
9:45	410	181	1764	838	405	133	1667	753	3431	1591
10:00	343	186			342	138				
10:15	337	166			374	156				
10:30	339	135			370	112				
10:45	299	129	1318	616	350	119	1436	525	2754	1141
11:00	279	93			380	110				
11:15	311	89			348	100				
11:30	333	73			413	97				
11:45	342	68	1265	323	418	46	1559	353	2824	676
Totals	12498	16689			11097	16813				
Combined Totals		29187				27910				
ADT										57097
AM Peak Hour	745	AM			730	AM				
Volume	2153				2105					
P.H.F.	0.954				0.955					
PM Peak Hour		445	PM			315	PM			
Volume		2255				2256				
P.H.F.		0.972				0.885				
Percentage	42.8%	57.2%			39.8%	60.2%				

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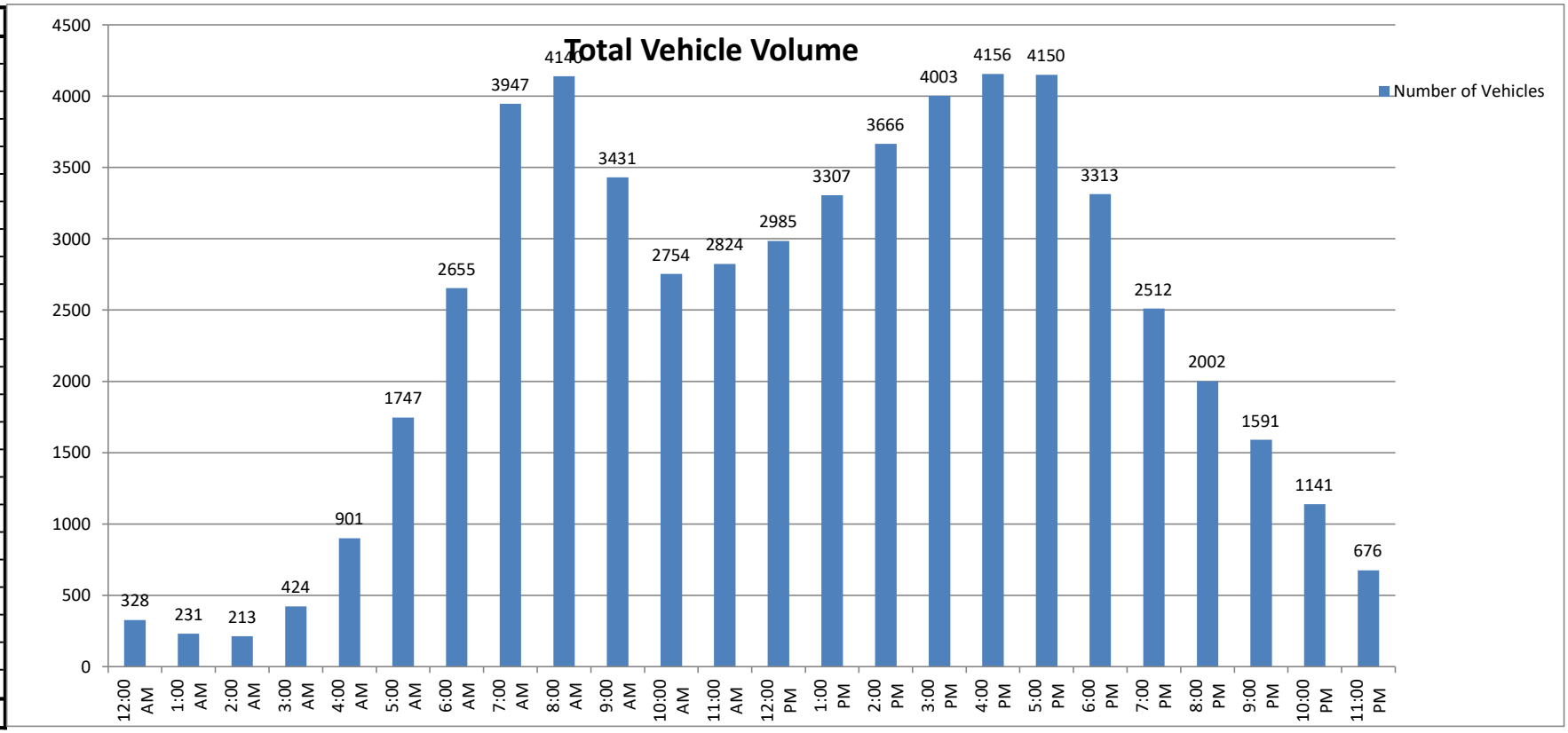
24 Hour Volume Plot

Bake Parkway

B/ Rockfield Boulevard - Muirlands Boulevard

3/19/2024

Start Time	3/19/2024
12:00 AM	328
1:00 AM	231
2:00 AM	213
3:00 AM	424
4:00 AM	901
5:00 AM	1747
6:00 AM	2655
7:00 AM	3947
8:00 AM	4140
9:00 AM	3431
10:00 AM	2754
11:00 AM	2824
12:00 PM	2985
1:00 PM	3307
2:00 PM	3666
3:00 PM	4003
4:00 PM	4156
5:00 PM	4150
6:00 PM	3313
7:00 PM	2512
8:00 PM	2002
9:00 PM	1591
10:00 PM	1141
11:00 PM	676
Total	57097



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Rockfield Boulevard - Muirlands Boulevard

File Name 50
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	57	328			67	377				
12:15	49	350			51	410				
12:30	44	336			56	359				
12:45	29	426	179	1440	40	411	214	1557	393	2997
1:00	34	341			33	381				
1:15	36	400			41	427				
1:30	25	368			32	532				
1:45	35	429	130	1538	17	407	123	1747	253	3285
2:00	23	383			29	458				
2:15	38	415			20	473				
2:30	51	420			26	544				
2:45	26	378	138	1596	21	507	96	1982	234	3578
3:00	40	433			28	509				
3:15	52	460			24	467				
3:30	99	422			33	582				
3:45	98	480	289	1795	35	501	120	2059	409	3854
4:00	75	488			39	574				
4:15	136	515			41	451				
4:30	206	543			73	551				
4:45	316	570	733	2116	75	482	228	2058	961	4174
5:00	191	556			115	508				
5:15	226	591			157	552				
5:30	337	552			173	465				
5:45	402	553	1156	2252	146	449	591	1974	1747	4226
6:00	291	501			224	443				
6:15	355	482			264	477				
6:30	377	434			302	401				
6:45	491	446	1514	1863	326	361	1116	1682	2630	3545
7:00	477	372			380	341				
7:15	452	385			450	293				
7:30	552	320			588	268				
7:45	604	361	2085	1438	527	224	1945	1126	4030	2564
8:00	543	273			508	283				
8:15	529	315			506	243				
8:30	440	298			501	212				
8:45	523	268	2035	1154	463	229	1978	967	4013	2121
9:00	446	264			434	195				
9:15	460	275			438	207				
9:30	318	258			416	151				
9:45	363	232	1587	1029	416	150	1704	703	3291	1732
10:00	291	214			345	134				
10:15	303	185			365	137				
10:30	274	179			354	114				
10:45	349	162	1217	740	390	94	1454	479	2671	1219
11:00	314	111			372	131				
11:15	319	102			388	73				
11:30	307	72			397	96				
11:45	315	65	1255	350	396	51	1553	351	2808	701
Totals	12318	17311			11122	16685				
Combined Totals		29629				27807				
ADT										57436
AM Peak Hour	730	AM			730	AM				
Volume	2228				2129					
P.H.F.	0.922				0.905					
PM Peak Hour		445	PM			315	PM			
Volume		2269				2124				
P.H.F.		0.960				0.912				
Percentage	41.6%	58.4%			40.0%	60.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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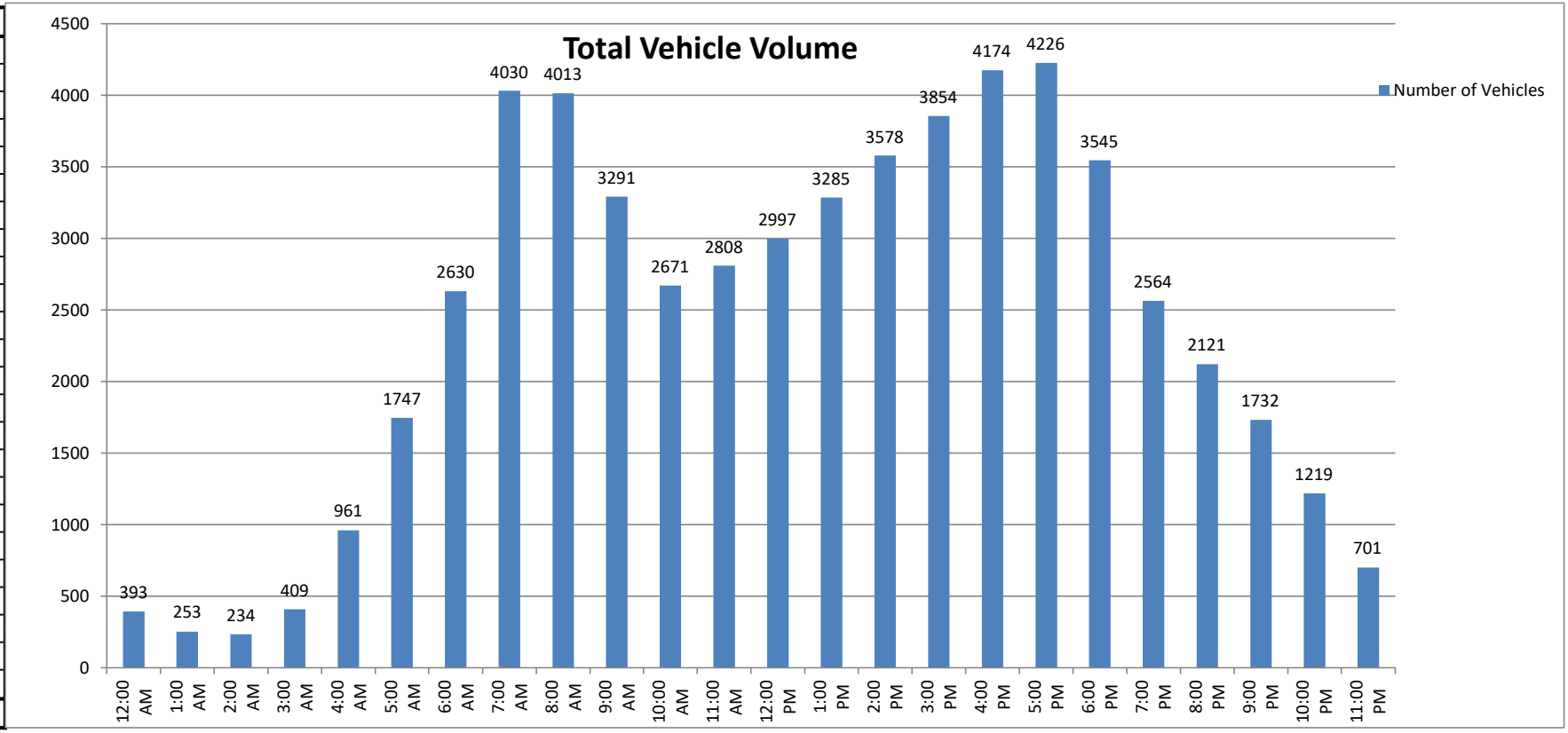
24 Hour Volume Plot

Bake Parkway

B/ Rockfield Boulevard - Muirlands Boulevard

3/20/2024

Start Time	3/20/2024
12:00 AM	393
1:00 AM	253
2:00 AM	234
3:00 AM	409
4:00 AM	961
5:00 AM	1747
6:00 AM	2630
7:00 AM	4030
8:00 AM	4013
9:00 AM	3291
10:00 AM	2671
11:00 AM	2808
12:00 PM	2997
1:00 PM	3285
2:00 PM	3578
3:00 PM	3854
4:00 PM	4174
5:00 PM	4226
6:00 PM	3545
7:00 PM	2564
8:00 PM	2121
9:00 PM	1732
10:00 PM	1219
11:00 PM	701
Total	57436



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Rockfield Boulevard - Muirlands Boulevard

File Name 50
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	54	325			63	406				
12:15	41	349			48	393				
12:30	38	345			54	383				
12:45	27	399	160	1417	36	394	201	1574	361	2991
1:00	32	355			36	379				
1:15	28	387			35	447				
1:30	27	364			37	536				
1:45	27	426	113	1531	22	404	129	1765	242	3296
2:00	20	368			25	460				
2:15	34	401			23	501				
2:30	53	424			26	522				
2:45	26	407	132	1599	19	542	92	2024	224	3622
3:00	35	421			30	509				
3:15	50	454			30	486				
3:30	102	452			34	610				
3:45	104	480	290	1807	33	518	127	2122	417	3929
4:00	72	470			35	577				
4:15	137	522			42	464				
4:30	199	514			64	557				
4:45	315	563	722	2069	69	499	209	2097	931	4165
5:00	173	550			121	532				
5:15	237	584			153	536				
5:30	320	566			169	473				
5:45	417	544	1147	2243	158	405	601	1946	1747	4188
6:00	301	497			225	419				
6:15	348	475			268	438				
6:30	399	432			298	375				
6:45	480	433	1526	1837	327	361	1117	1593	2643	3429
7:00	484	360			414	344				
7:15	449	374			462	268				
7:30	519	327			570	289				
7:45	584	343	2034	1403	510	235	1955	1136	3989	2538
8:00	537	276			523	248				
8:15	547	310			516	232				
8:30	468	286			482	215				
8:45	531	278	2082	1149	475	218	1995	913	4077	2062
9:00	464	247			423	202				
9:15	457	249			432	210				
9:30	369	231			421	175				
9:45	387	207	1676	934	411	142	1686	728	3361	1662
10:00	317	200			344	136				
10:15	320	176			370	147				
10:30	307	157			362	113				
10:45	324	146	1268	678	370	107	1445	502	2713	1180
11:00	297	102			376	121				
11:15	315	96			368	87				
11:30	320	73			405	97				
11:45	329	67	1260	337	407	49	1556	352	2816	689
Totals	12408	17000			11110	16749				
Combined Totals		29408				27859				
ADT										57267
AM Peak Hour	730	AM			730	AM				
Volume	2185				2117					
P.H.F.	0.936				0.929					
PM Peak Hour		445	PM			315	PM			
Volume		2262				2190				
P.H.F.		0.969				0.898				
Percentage	42.2%	57.8%			39.9%	60.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Bake Parkway
S/ Portola Parkway
24 Hour Directional Volume Count

LKF017
Site Code: 051-24139

Start	5/14/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	168			10	148				
12:15		11	158			4	142				
12:30		10	150			8	**168**				
12:45		16	136	48	612	8	**166**	30	624	78	1236
01:00		6	118			4	**195**				
01:15		2	154			16	**178**				
01:30		5	126			4	154				
01:45		7	130	20	528	2	143	26	670	46	1198
02:00		3	144			5	120				
02:15		8	103			3	150				
02:30		15	124			2	216				
02:45		12	120	38	491	2	130	12	616	50	1107
03:00		11	124			7	161				
03:15		17	134			12	146				
03:30		31	121			4	133				
03:45		16	134	75	513	10	122	33	562	108	1075
04:00		12	178			9	164				
04:15		29	144			12	150				
04:30		40	174			14	128				
04:45		58	184	139	680	18	134	53	576	192	1256
05:00		22	**192**			48	154				
05:15		28	**192**			60	160				
05:30		59	**202**			57	148				
05:45		88	**188**	197	774	40	142	205	604	402	1378
06:00		46	172			46	134				
06:15		34	159			76	142				
06:30		50	174			80	171				
06:45		77	140	207	645	86	122	288	569	495	1214
07:00		52	124			114	126				
07:15		76	120			130	110				
07:30		**82**	98			111	120				
07:45		**117**	80	327	422	**194**	94	549	450	876	872
08:00		**138**	88			**179**	67				
08:15		**121**	112			**229**	76				
08:30		72	118			**130**	81				
08:45		86	96	417	414	116	60	654	284	1071	698
09:00		90	73			110	78				
09:15		86	61			116	90				
09:30		81	60			90	52				
09:45		94	44	351	238	117	46	433	266	784	504
10:00		101	44			98	48				
10:15		84	41			106	13				
10:30		68	26			99	24				
10:45		75	24	328	135	102	20	405	105	733	240
11:00		90	20			114	40				
11:15		98	14			103	20				
11:30		130	11			118	10				
11:45		113	12	431	57	146	8	481	78	912	135
Total		2578	5509	2578	5509	3169	5404	3169	5404	5747	10913
Combined Total		8087		8087		8573		8573		16660	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	458	-	-	-	732	-	-	-	-	-
P.H.F.		0.830				0.799					
PM Peak	-	-	05:00	-	-	-	00:30	-	-	-	-
Vol.	-	-	774	-	-	-	707	-	-	-	-
P.H.F.			0.958				0.906				
Percentage		31.9%	68.1%			37.0%	63.0%				
ADT/AADT		ADT 16,660		AADT 16,660							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Toledo Way - Cromwell

File Name 53
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	297			44	294				
12:15	22	284			24	262				
12:30	27	325			41	302				
12:45	27	275	116	1181	25	281	134	1139	250	2320
1:00	14	313			43	288				
1:15	15	243			26	347				
1:30	18	328			29	329				
1:45	13	294	60	1178	13	308	111	1272	171	2450
2:00	15	308			9	348				
2:15	17	262			15	381				
2:30	40	374			12	376				
2:45	13	346	85	1290	12	419	48	1524	133	2814
3:00	19	378			17	379				
3:15	27	367			23	362				
3:30	60	388			24	465				
3:45	60	406	166	1539	20	414	84	1620	250	3159
4:00	41	377			18	420				
4:15	86	389			25	339				
4:30	109	411			38	407				
4:45	176	460	412	1637	44	369	125	1535	537	3172
5:00	109	407			91	379				
5:15	177	487			108	380				
5:30	220	474			118	303				
5:45	327	428	833	1796	125	305	442	1367	1275	3163
6:00	231	410			153	302				
6:15	261	417			171	279				
6:30	295	334			229	298				
6:45	443	336	1230	1497	256	273	809	1152	2039	2649
7:00	307	323			310	259				
7:15	364	264			337	191				
7:30	320	307			367	227				
7:45	433	237	1424	1131	383	183	1397	860	2821	1991
8:00	425	240			369	150				
8:15	392	261			407	163				
8:30	413	215			343	150				
8:45	341	234	1571	950	333	145	1452	608	3023	1558
9:00	368	158			308	134				
9:15	274	183			313	169				
9:30	319	161			307	115				
9:45	286	142	1247	644	285	106	1213	524	2460	1168
10:00	246	130			297	118				
10:15	261	118			270	114				
10:30	279	96			266	71				
10:45	235	112	1021	456	246	68	1079	371	2100	827
11:00	247	73			264	70				
11:15	232	74			264	78				
11:30	261	51			279	84				
11:45	288	51	1028	249	293	38	1100	270	2128	519
Totals	9193	13548			7994	12242				
Combined Totals		22741				20236				
ADT										42977
AM Peak Hour	745	AM			730	AM				
Volume	1663				1526					
P.H.F.	0.960				0.937					
PM Peak Hour		445	PM			315	PM			
Volume		1828				1661				
P.H.F.		0.938				0.893				
Percentage	40.4%	59.6%			39.5%	60.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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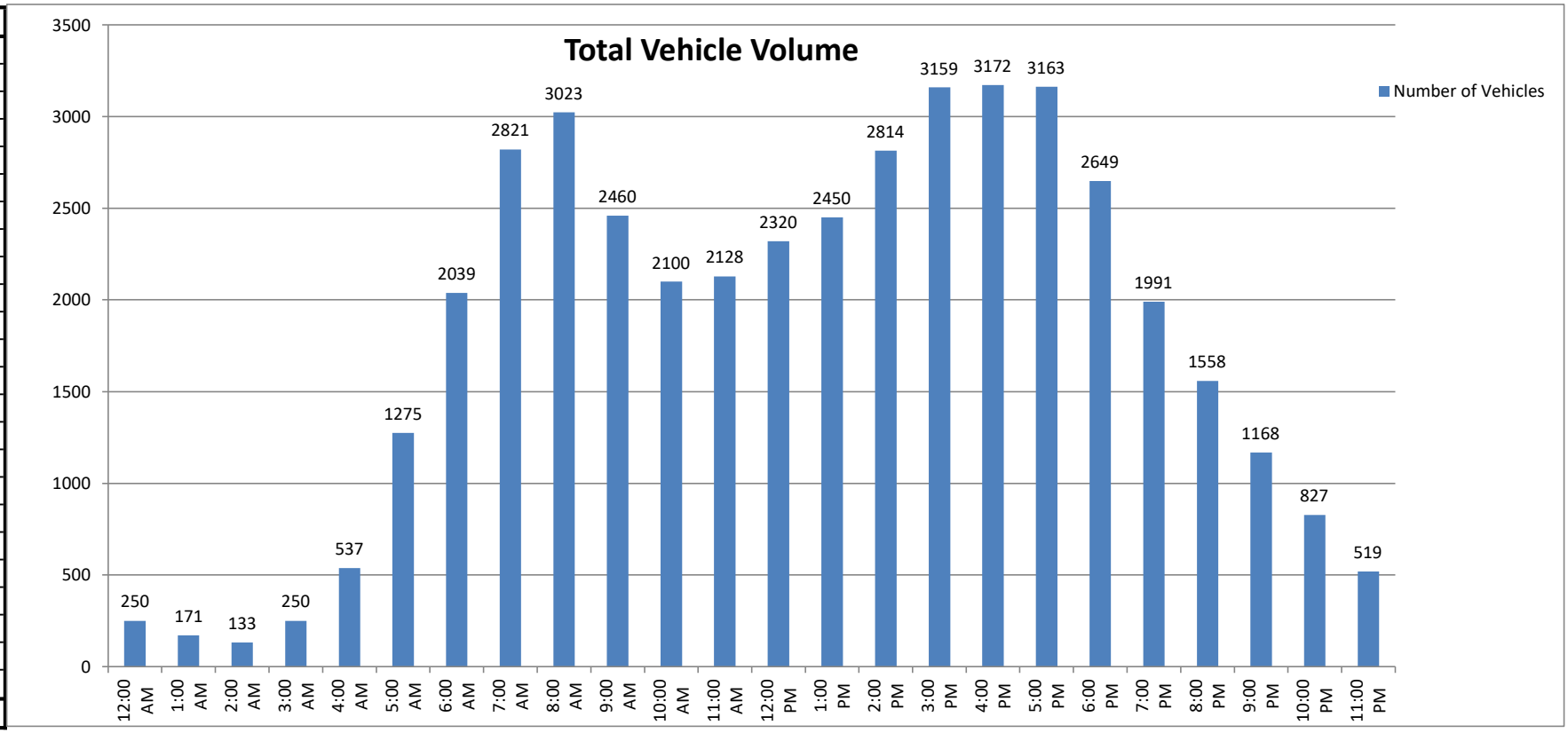
24 Hour Volume Plot

Bake Parkway
B/ Toledo Way - Cromwell
3/19/2024

Start Time	3/19/2024
12:00 AM	250
1:00 AM	171
2:00 AM	133
3:00 AM	250
4:00 AM	537
5:00 AM	1275
6:00 AM	2039
7:00 AM	2821
8:00 AM	3023
9:00 AM	2460
10:00 AM	2100
11:00 AM	2128
12:00 PM	2320
1:00 PM	2450
2:00 PM	2814
3:00 PM	3159
4:00 PM	3172
5:00 PM	3163
6:00 PM	2649
7:00 PM	1991
8:00 PM	1558
9:00 PM	1168
10:00 PM	827
11:00 PM	519
Total	42977



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Bake Parkway
B/ Toledo Way - Cromwell

File Name 53
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	259			48	291				
12:15	30	289			34	273				
12:30	23	297			37	294				
12:45	17	281	110	1126	34	307	153	1165	263	2291
1:00	27	338			26	316				
1:15	19	294			31	344				
1:30	7	325			22	316				
1:45	27	291	80	1248	10	296	89	1272	169	2520
2:00	11	332			11	337				
2:15	18	296			9	324				
2:30	33	349			13	407				
2:45	18	362	80	1339	5	415	38	1483	118	2822
3:00	25	356			10	360				
3:15	34	351			16	323				
3:30	57	341			24	418				
3:45	61	403	177	1451	28	347	78	1448	255	2899
4:00	53	405			18	371				
4:15	83	456			30	324				
4:30	121	427			53	416				
4:45	177	466	434	1754	65	331	166	1442	600	3196
5:00	135	448			78	371				
5:15	152	480			123	386				
5:30	240	444			124	367				
5:45	326	458	853	1830	103	327	428	1451	1281	3281
6:00	216	412			140	329				
6:15	252	421			188	309				
6:30	255	393			232	320				
6:45	444	355	1167	1581	222	272	782	1230	1949	2811
7:00	288	308			297	271				
7:15	383	280			349	220				
7:30	342	281			403	208				
7:45	441	245	1454	1114	414	201	1463	900	2917	2014
8:00	398	252			387	196				
8:15	391	271			372	166				
8:30	367	255			370	183				
8:45	358	202	1514	980	346	172	1475	717	2989	1697
9:00	315	198			328	152				
9:15	316	201			309	167				
9:30	302	173			323	112				
9:45	240	153	1173	725	296	100	1256	531	2429	1256
10:00	265	135			269	98				
10:15	221	149			287	92				
10:30	220	113			278	75				
10:45	249	112	955	509	282	55	1116	320	2071	829
11:00	289	78			269	86				
11:15	250	71			266	52				
11:30	269	52			284	89				
11:45	251	49	1059	250	305	38	1124	265	2183	515
Totals	9056	13907			8168	12224				
Combined Totals		22963				20392				
ADT										43355
AM Peak Hour	745	AM			730	AM				
Volume	1597				1576					
P.H.F.	0.905				0.952					
PM Peak Hour		445	PM			245	PM			
Volume		1838				1516				
P.H.F.		0.957				0.907				
Percentage	39.4%	60.6%			40.1%	59.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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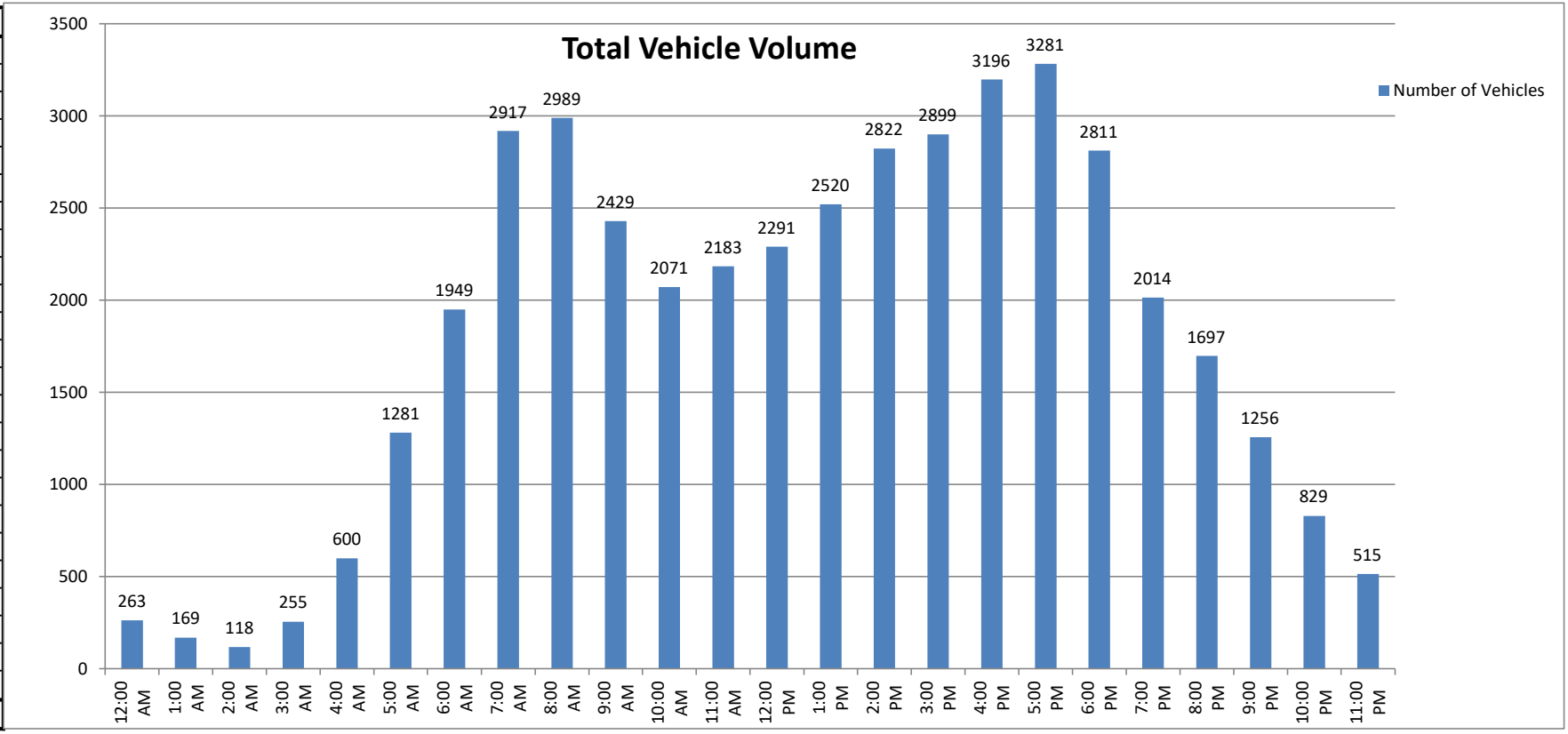
24 Hour Volume Plot

Bake Parkway
B/ Toledo Way - Cromwell
3/20/2024

Start Time	3/20/2024
12:00 AM	263
1:00 AM	169
2:00 AM	118
3:00 AM	255
4:00 AM	600
5:00 AM	1281
6:00 AM	1949
7:00 AM	2917
8:00 AM	2989
9:00 AM	2429
10:00 AM	2071
11:00 AM	2183
12:00 PM	2291
1:00 PM	2520
2:00 PM	2822
3:00 PM	2899
4:00 PM	3196
5:00 PM	3281
6:00 PM	2811
7:00 PM	2014
8:00 PM	1697
9:00 PM	1256
10:00 PM	829
11:00 PM	515
Total	43355



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bake Parkway
B/ Toledo Way - Cromwell

File Name 53
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	278			46	293				
12:15	26	287			29	268				
12:30	25	311			39	298				
12:45	22	278	113	1154	30	294	144	1152	257	2306
1:00	21	326			35	302				
1:15	17	269			29	346				
1:30	13	327			26	323				
1:45	20	293	70	1213	12	302	100	1272	170	2485
2:00	13	320			10	343				
2:15	18	279			12	353				
2:30	37	362			13	392				
2:45	16	354	83	1315	9	417	43	1504	126	2818
3:00	22	367			14	370				
3:15	31	359			20	343				
3:30	59	365			24	442				
3:45	61	405	172	1495	24	381	81	1534	253	3029
4:00	47	391			18	396				
4:15	85	423			28	332				
4:30	115	419			46	412				
4:45	177	463	423	1696	55	350	146	1489	569	3184
5:00	122	428			85	375				
5:15	165	484			116	383				
5:30	230	459			121	335				
5:45	327	443	843	1813	114	316	435	1409	1278	3222
6:00	224	411			147	316				
6:15	257	419			180	294				
6:30	275	364			231	309				
6:45	444	346	1199	1539	239	273	796	1191	1994	2730
7:00	298	316			304	265				
7:15	374	272			343	206				
7:30	331	294			385	218				
7:45	437	241	1439	1123	399	192	1430	880	2869	2003
8:00	412	246			378	173				
8:15	392	266			390	165				
8:30	390	235			357	167				
8:45	350	218	1543	965	340	159	1464	663	3006	1628
9:00	342	178			318	143				
9:15	295	192			311	168				
9:30	311	167			315	114				
9:45	263	148	1210	685	291	103	1235	528	2445	1212
10:00	256	133			283	108				
10:15	241	134			279	103				
10:30	250	105			272	73				
10:45	242	112	988	483	264	62	1098	346	2086	828
11:00	268	76			267	78				
11:15	241	73			265	65				
11:30	265	52			282	87				
11:45	270	50	1044	250	299	38	1112	268	2156	517
Totals	9125	13728			8081	12233				
Combined Totals		22852				20314				
ADT										43166
AM Peak Hour	745	AM			730	AM				
Volume	1630				1551					
P.H.F.	0.932				0.973					
PM Peak Hour		445	PM			245	PM			
Volume		1833				1571				
P.H.F.		0.948				0.889				
Percentage	39.9%	60.1%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Ada - Alton Parkway

File Name 82
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	130			3	118				
12:15	4	120			3	148				
12:30	0	122			1	135				
12:45	6	117	13	489	3	129	10	530	23	1019
1:00	3	131			2	109				
1:15	3	122			1	139				
1:30	9	93			5	159				
1:45	12	102	27	448	1	131	9	538	36	986
2:00	0	111			4	147				
2:15	5	122			0	132				
2:30	3	122			3	173				
2:45	9	137	17	492	4	156	11	608	28	1100
3:00	7	119			1	144				
3:15	12	141			4	168				
3:30	10	148			8	172				
3:45	18	154	47	562	7	214	20	698	67	1260
4:00	17	168			7	269				
4:15	29	164			4	224				
4:30	63	186			7	236				
4:45	92	212	201	730	11	191	29	920	230	1650
5:00	64	209			23	212				
5:15	86	249			20	239				
5:30	110	213			35	191				
5:45	107	221	367	892	52	144	130	786	497	1678
6:00	96	170			36	141				
6:15	69	149			48	112				
6:30	72	140			61	97				
6:45	123	118	360	577	93	85	238	435	598	1012
7:00	107	102			94	75				
7:15	124	75			133	58				
7:30	121	73			173	46				
7:45	163	65	515	315	224	42	624	221	1139	536
8:00	170	65			238	41				
8:15	148	68			266	33				
8:30	146	51			200	17				
8:45	168	36	632	220	214	22	918	113	1550	333
9:00	132	32			183	20				
9:15	102	31			143	17				
9:30	117	25			132	13				
9:45	102	25	453	113	151	12	609	62	1062	175
10:00	98	26			116	11				
10:15	92	14			125	13				
10:30	104	18			126	9				
10:45	118	20	412	78	105	7	472	40	884	118
11:00	88	14			91	9				
11:15	103	10			106	10				
11:30	109	4			109	11				
11:45	117	12	417	40	132	1	438	31	855	71
Totals	3461	4956			3508	4982				
Combined Totals		8417				8490				
ADT										16907
AM Peak Hour	800	AM			745	AM				
Volume	632				928					
P.H.F.	0.929				0.872					
PM Peak Hour		500	PM			345	PM			
Volume		892				943				
P.H.F.		0.896				0.876				
Percentage	41.1%	58.9%			41.3%	58.7%				

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PO Box 1178
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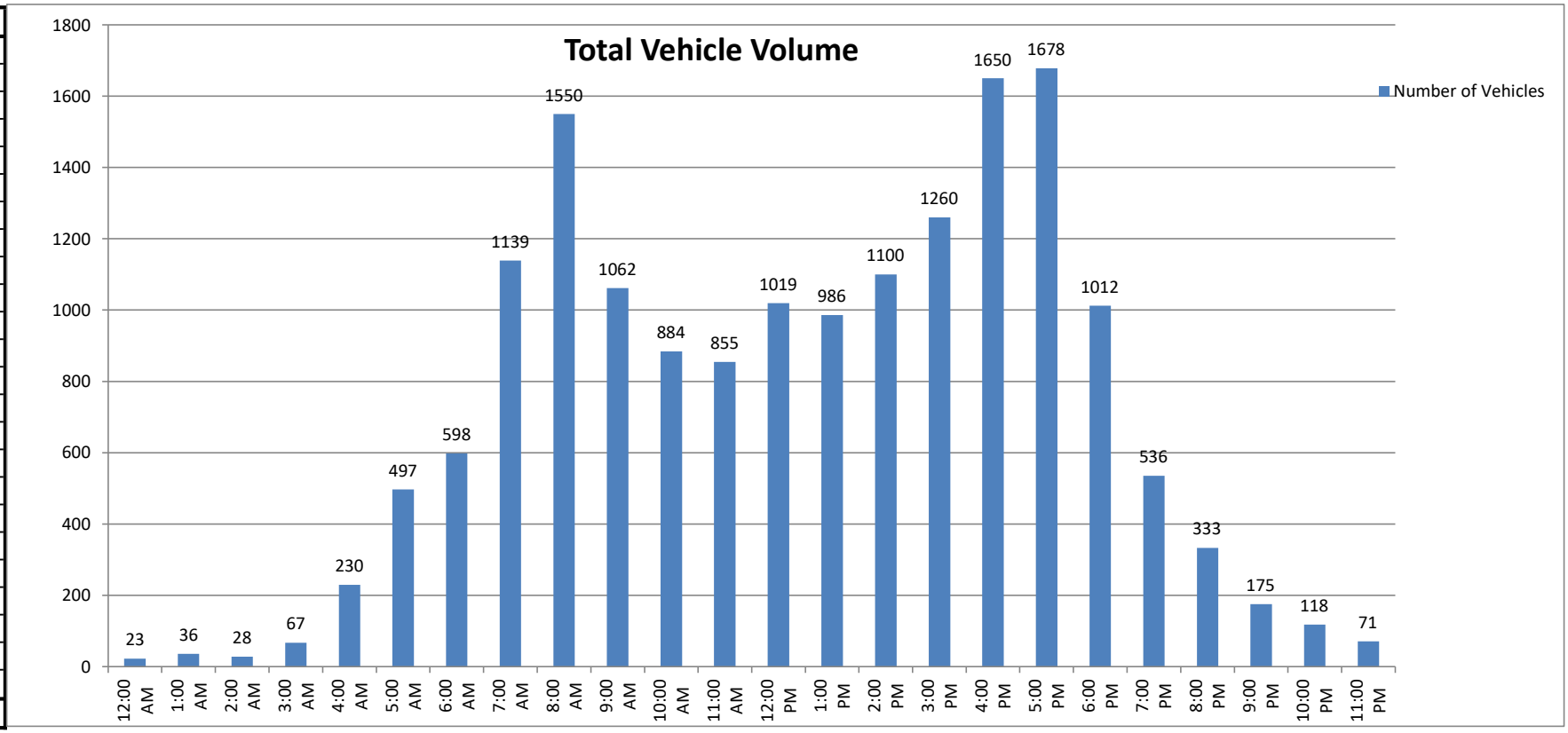
24 Hour Volume Plot

Barranca Parkway
B/ Ada - Alton Parkway

4/16/2024

Start Time	4/16/2024
12:00 AM	23
1:00 AM	36
2:00 AM	28
3:00 AM	67
4:00 AM	230
5:00 AM	497
6:00 AM	598
7:00 AM	1139
8:00 AM	1550
9:00 AM	1062
10:00 AM	884
11:00 AM	855
12:00 PM	1019
1:00 PM	986
2:00 PM	1100
3:00 PM	1260
4:00 PM	1650
5:00 PM	1678
6:00 PM	1012
7:00 PM	536
8:00 PM	333
9:00 PM	175
10:00 PM	118
11:00 PM	71
Total	16907



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Ada - Alton Parkway

File Name 82
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	131			5	116				
12:15	2	121			2	118				
12:30	3	124			2	119				
12:45	5	126	17	502	0	105	9	458	26	960
1:00	4	139			1	106				
1:15	4	149			2	151				
1:30	12	122			6	156				
1:45	12	93	32	503	5	146	14	559	46	1062
2:00	5	114			1	119				
2:15	3	105			1	104				
2:30	2	129			2	151				
2:45	13	123	23	471	2	149	6	523	29	994
3:00	5	138			3	164				
3:15	6	116			1	142				
3:30	8	158			4	186				
3:45	20	170	39	582	6	220	14	712	53	1294
4:00	14	150			6	249				
4:15	22	157			6	241				
4:30	65	189			6	219				
4:45	89	199	190	695	14	166	32	875	222	1570
5:00	73	259			24	251				
5:15	86	246			20	233				
5:30	102	197			31	198				
5:45	112	220	373	922	50	132	125	814	498	1736
6:00	80	186			34	113				
6:15	70	171			47	111				
6:30	92	145			74	106				
6:45	124	94	366	596	89	85	244	415	610	1011
7:00	110	92			96	75				
7:15	124	78			143	63				
7:30	131	85			161	51				
7:45	168	84	533	339	206	47	606	236	1139	575
8:00	164	62			241	46				
8:15	159	58			240	38				
8:30	157	59			221	26				
8:45	146	43	626	222	207	36	909	146	1535	368
9:00	126	55			183	19				
9:15	112	41			135	24				
9:30	101	25			140	15				
9:45	117	24	456	145	154	8	612	66	1068	211
10:00	106	27			130	14				
10:15	99	16			98	15				
10:30	117	14			131	14				
10:45	105	12	427	69	118	2	477	45	904	114
11:00	91	10			126	7				
11:15	99	9			116	6				
11:30	111	15			127	9				
11:45	111	12	412	46	106	6	475	28	887	74
Totals	3494	5092			3523	4877				
Combined Totals		8586				8400				
ADT										16986
AM Peak Hour	745	AM			800	AM				
Volume	648				909					
P.H.F.	0.964				0.943					
PM Peak Hour		500	PM			345	PM			
Volume		922				929				
P.H.F.		0.890				0.933				
Percentage	40.7%	59.3%			41.9%	58.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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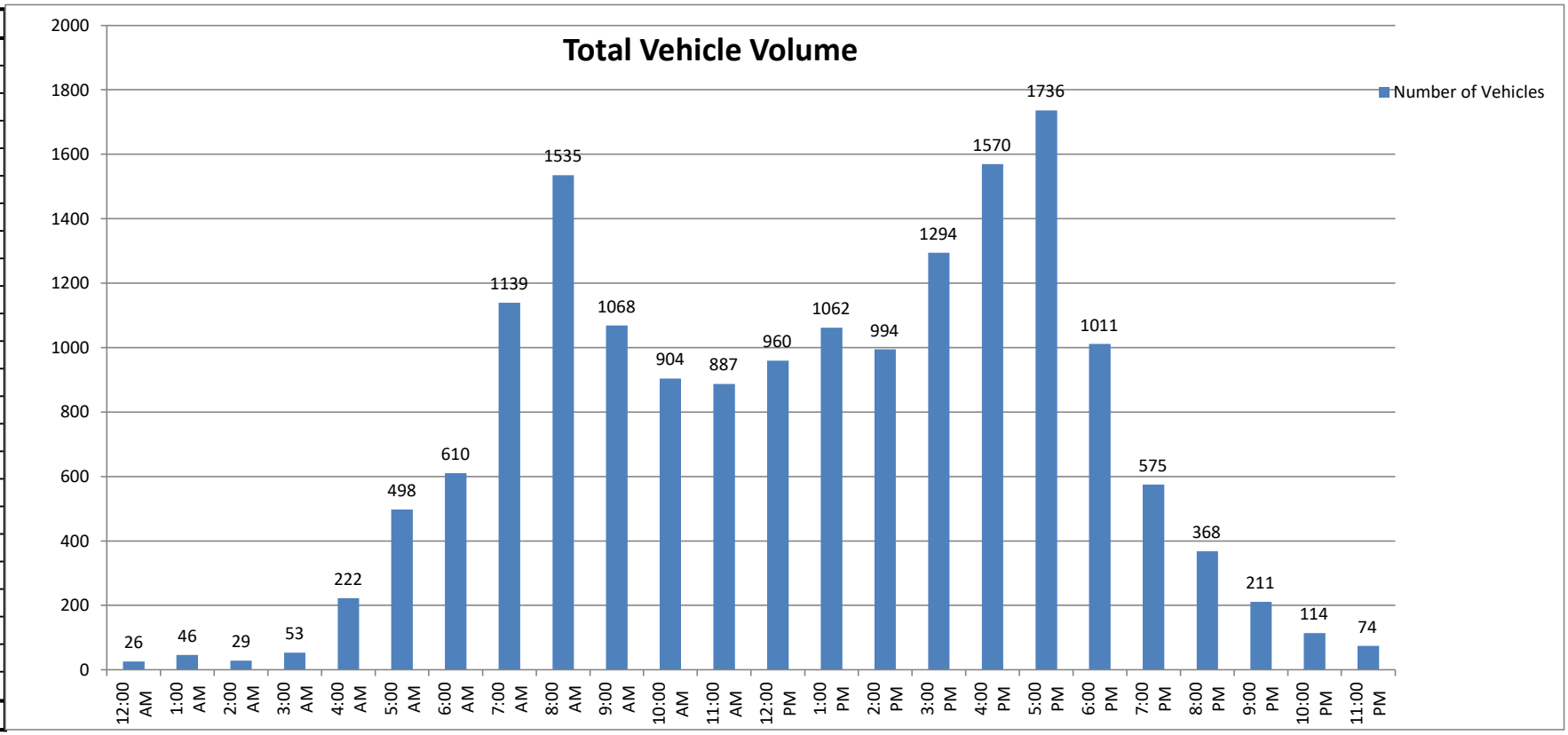
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Ada - Alton Parkway

4/17/2024

Start Time	4/17/2024
12:00 AM	26
1:00 AM	46
2:00 AM	29
3:00 AM	53
4:00 AM	222
5:00 AM	498
6:00 AM	610
7:00 AM	1139
8:00 AM	1535
9:00 AM	1068
10:00 AM	904
11:00 AM	887
12:00 PM	960
1:00 PM	1062
2:00 PM	994
3:00 PM	1294
4:00 PM	1570
5:00 PM	1736
6:00 PM	1011
7:00 PM	575
8:00 PM	368
9:00 PM	211
10:00 PM	114
11:00 PM	74
Total	16986



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counts@countsunlimited.com
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Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Ada - Alton Parkway

File Name 82
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	131			4	117				
12:15	3	121			3	133				
12:30	2	123			2	127				
12:45	6	122	15	496	2	117	10	494	25	990
1:00	4	135			2	108				
1:15	4	136			2	145				
1:30	11	108			6	158				
1:45	12	98	30	476	3	139	12	549	41	1024
2:00	3	113			3	133				
2:15	4	114			1	118				
2:30	3	126			3	162				
2:45	11	130	20	482	3	153	9	566	29	1047
3:00	6	129			2	154				
3:15	9	129			3	155				
3:30	9	153			6	179				
3:45	19	162	43	572	7	217	17	705	60	1277
4:00	16	159			7	259				
4:15	26	161			5	233				
4:30	64	188			7	228				
4:45	91	206	196	713	13	179	31	898	226	1610
5:00	69	234			24	232				
5:15	86	248			20	236				
5:30	106	205			33	195				
5:45	110	221	370	907	51	138	128	800	498	1707
6:00	88	178			35	127				
6:15	70	160			48	112				
6:30	82	143			68	102				
6:45	124	106	363	587	91	85	241	425	604	1012
7:00	109	97			95	75				
7:15	124	77			138	61				
7:30	126	79			167	49				
7:45	166	75	524	327	215	45	615	229	1139	556
8:00	167	64			240	44				
8:15	154	63			253	36				
8:30	152	55			211	22				
8:45	157	40	629	221	211	29	914	130	1543	351
9:00	129	44			183	20				
9:15	107	36			139	21				
9:30	109	25			136	14				
9:45	110	25	455	129	153	10	611	64	1065	193
10:00	102	27			123	13				
10:15	96	15			112	14				
10:30	111	16			129	12				
10:45	112	16	420	74	112	5	475	43	894	116
11:00	90	12			109	8				
11:15	101	10			111	8				
11:30	110	10			118	10				
11:45	114	12	415	43	119	4	457	30	871	73
Totals	3478	5024			3516	4930				
Combined Totals		8502				8445				
ADT										16947
AM Peak Hour	745 AM				745 AM					
Volume	638				918					
P.H.F.	0.954				0.907					
PM Peak Hour		500 PM				345 PM				
Volume		907				936				
P.H.F.		0.916				0.903				
Percentage	40.9%	59.1%			41.6%	58.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Barranca Parkway
B/ Ada - Marine Way
24 Hour Directional Volume Count

IRV021
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	130			6	124				
12:15		4	132			3	132				
12:30		6	146			1	126				
12:45		8	124	26	532	2	130	12	512	38	1044
01:00		6	124			0	133				
01:15		8	128			1	121				
01:30		7	125			3	134				
01:45		6	114	27	491	1	136	5	524	32	1015
02:00		9	132			1	130				
02:15		6	104			2	111				
02:30		6	129			3	164				
02:45		10	129	31	494	0	172	6	577	37	1071
03:00		3	106			2	166				
03:15		12	138			2	162				
03:30		9	162			6	227				
03:45		19	134	43	540	5	204	15	759	58	1299
04:00		17	164			9	274				
04:15		32	175			6	**280**				
04:30		52	212			7	**286**				
04:45		84	182	185	733	17	**226**	39	1066	224	1799
05:00		85	**276**			16	**300**				
05:15		96	**212**			17	233				
05:30		116	**212**			32	191				
05:45		108	**227**	405	927	50	154	115	878	520	1805
06:00		77	188			30	128				
06:15		73	179			51	126				
06:30		86	130			79	124				
06:45		147	77	383	574	116	76	276	454	659	1028
07:00		116	98			108	73				
07:15		132	66			128	54				
07:30		**162**	55			180	55				
07:45		**177**	77	587	296	**220**	38	636	220	1223	516
08:00		**182**	57			**205**	40				
08:15		**172**	53			**240**	20				
08:30		154	48			**225**	26				
08:45		141	41	649	199	219	20	889	106	1538	305
09:00		130	48			160	23				
09:15		101	42			128	21				
09:30		114	31			122	11				
09:45		135	28	480	149	152	10	562	65	1042	214
10:00		92	40			122	12				
10:15		89	18			110	9				
10:30		90	25			133	12				
10:45		104	15	375	98	92	7	457	40	832	138
11:00		99	10			118	8				
11:15		100	2			92	8				
11:30		96	1			135	4				
11:45		130	1	425	14	114	8	459	28	884	42
Total		3616	5047	3616	5047	3471	5229	3471	5229	7087	10276
Combined Total		8663		8663		8700		8700		17363	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	693	-	-	-	890	-	-	-	-	-
P.H.F.		0.952				0.927					
PM Peak	-	-	05:00	-	-	-	04:15	-	-	-	-
Vol.	-	-	927	-	-	-	1092	-	-	-	-
P.H.F.			0.840				0.910				
Percentage		41.7%	58.3%			39.9%	60.1%				
ADT/AADT		ADT 17,363		AADT 17,363							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Creek Road - Lyon

File Name 68
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	172			8	160				
12:15	9	212			10	174				
12:30	4	156			13	165				
12:45	6	200	28	740	5	172	36	671	64	1411
1:00	10	188			1	170				
1:15	8	170			1	137				
1:30	2	225			5	160				
1:45	4	183	24	766	4	194	11	661	35	1427
2:00	0	170			1	184				
2:15	2	218			3	191				
2:30	0	228			4	201				
2:45	2	205	4	821	1	251	9	827	13	1648
3:00	2	169			2	204				
3:15	1	214			5	218				
3:30	4	225			4	179				
3:45	5	218	12	826	4	236	15	837	27	1663
4:00	0	221			4	203				
4:15	4	195			2	218				
4:30	13	248			3	193				
4:45	6	198	23	862	10	231	19	845	42	1707
5:00	12	227			8	229				
5:15	11	218			8	214				
5:30	15	250			21	230				
5:45	18	203	56	898	16	233	53	906	109	1804
6:00	15	203			35	189				
6:15	28	175			29	178				
6:30	45	137			41	116				
6:45	39	134	127	649	49	122	154	605	281	1254
7:00	62	168			72	112				
7:15	74	119			112	93				
7:30	130	109			115	93				
7:45	130	117	396	513	174	91	473	389	869	902
8:00	141	102			213	74				
8:15	223	115			300	76				
8:30	220	78			232	62				
8:45	138	79	722	374	222	51	967	263	1689	637
9:00	166	79			198	52				
9:15	130	67			157	41				
9:30	156	75			170	32				
9:45	134	68	586	289	162	25	687	150	1273	439
10:00	129	43			143	41				
10:15	149	32			164	17				
10:30	142	20			136	12				
10:45	168	19	588	114	172	12	615	82	1203	196
11:00	165	21			166	10				
11:15	167	16			173	12				
11:30	153	11			152	13				
11:45	199	14	684	62	185	6	676	41	1360	103
Totals	3250	6914			3715	6277				
Combined Totals		10164				9992				
ADT										20156
AM Peak Hour	815	AM			800	AM				
Volume	747				967					
P.H.F.	0.837				0.806					
PM Peak Hour		500	PM			500	PM			
Volume		898				906				
P.H.F.		0.898				0.972				
Percentage	32.0%	68.0%			37.2%	62.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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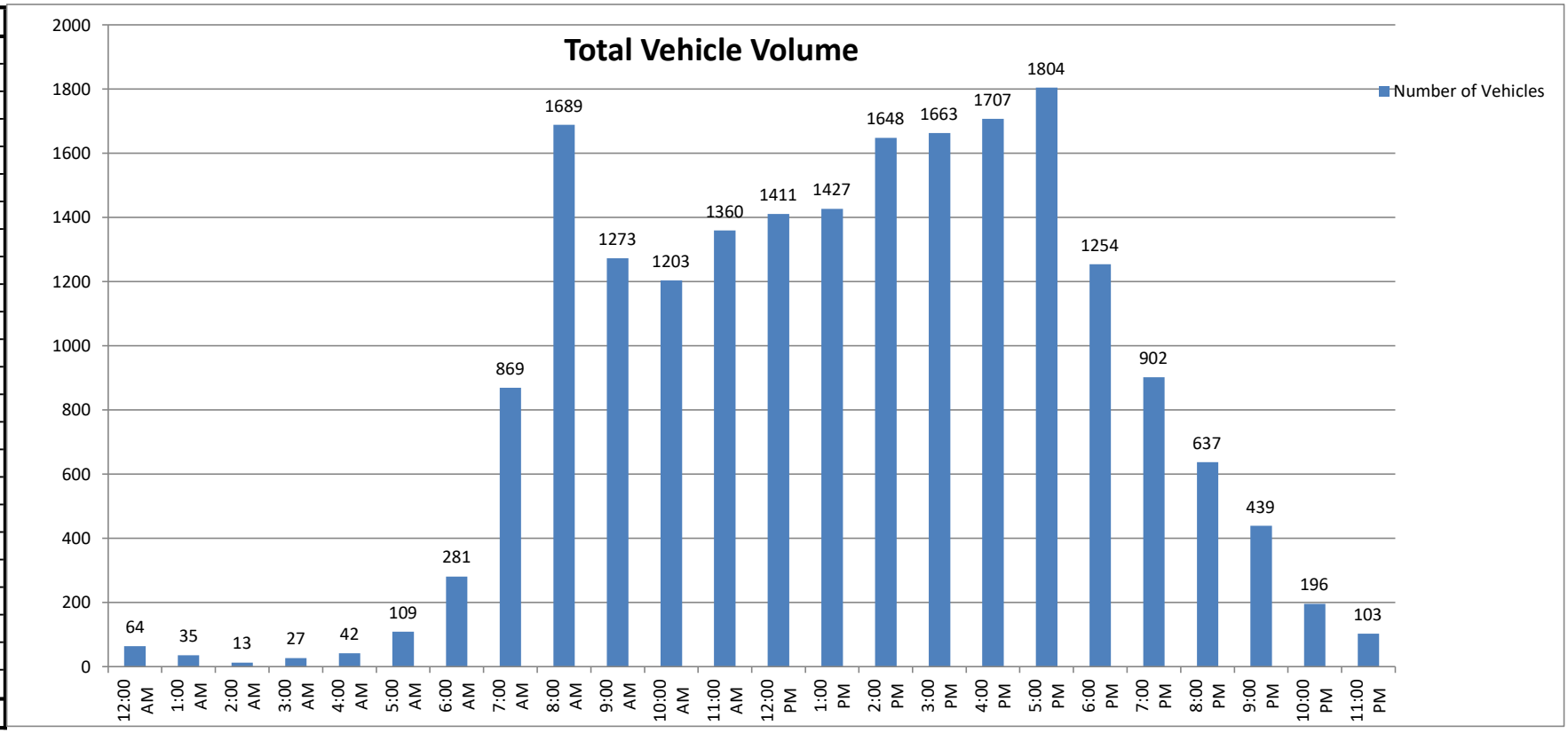
24 Hour Volume Plot

Barranca Parkway
B/ Creek Road - Lyon

4/16/2024

Start Time	4/16/2024
12:00 AM	64
1:00 AM	35
2:00 AM	13
3:00 AM	27
4:00 AM	42
5:00 AM	109
6:00 AM	281
7:00 AM	869
8:00 AM	1689
9:00 AM	1273
10:00 AM	1203
11:00 AM	1360
12:00 PM	1411
1:00 PM	1427
2:00 PM	1648
3:00 PM	1663
4:00 PM	1707
5:00 PM	1804
6:00 PM	1254
7:00 PM	902
8:00 PM	637
9:00 PM	439
10:00 PM	196
11:00 PM	103
Total	20156



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Creek Road - Lyon

File Name 68
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	189			8	140				
12:15	10	147			7	192				
12:30	8	197			3	156				
12:45	5	178	34	711	8	147	26	635	60	1346
1:00	5	199			2	154				
1:15	1	175			3	170				
1:30	3	210			6	162				
1:45	3	193	12	777	2	205	13	691	25	1468
2:00	7	212			1	206				
2:15	2	248			1	187				
2:30	3	205			0	198				
2:45	4	206	16	871	1	206	3	797	19	1668
3:00	2	191			2	181				
3:15	3	233			2	209				
3:30	1	184			2	185				
3:45	3	193	9	801	5	196	11	771	20	1572
4:00	4	234			1	176				
4:15	3	237			4	207				
4:30	10	235			3	208				
4:45	7	208	24	914	6	199	14	790	38	1704
5:00	5	244			11	198				
5:15	18	232			8	228				
5:30	15	236			12	223				
5:45	19	238	57	950	22	216	53	865	110	1815
6:00	10	194			35	164				
6:15	23	188			29	164				
6:30	31	134			40	145				
6:45	47	166	111	682	53	105	157	578	268	1260
7:00	55	136			61	94				
7:15	102	130			106	110				
7:30	102	143			133	75				
7:45	116	126	375	535	161	82	461	361	836	896
8:00	160	107			176	84				
8:15	167	83			233	70				
8:30	175	85			263	42				
8:45	197	85	699	360	321	84	993	280	1692	640
9:00	204	71			203	52				
9:15	140	55			159	53				
9:30	161	60			181	35				
9:45	163	45	668	231	141	33	684	173	1352	404
10:00	147	34			134	28				
10:15	132	30			136	25				
10:30	156	20			155	15				
10:45	143	20	578	104	172	21	597	89	1175	193
11:00	156	16			145	12				
11:15	168	21			161	10				
11:30	134	6			148	14				
11:45	170	12	628	55	181	7	635	43	1263	98
Totals	3211	6991			3647	6073				
Combined Totals		10202				9720				
ADT										19922
AM Peak Hour	815	AM			815	AM				
Volume	743				1020					
P.H.F.	0.911				0.794					
PM Peak Hour		500	PM			500	PM			
Volume		950				865				
P.H.F.		0.973				0.948				
Percentage	31.5%	68.5%			37.5%	62.5%				

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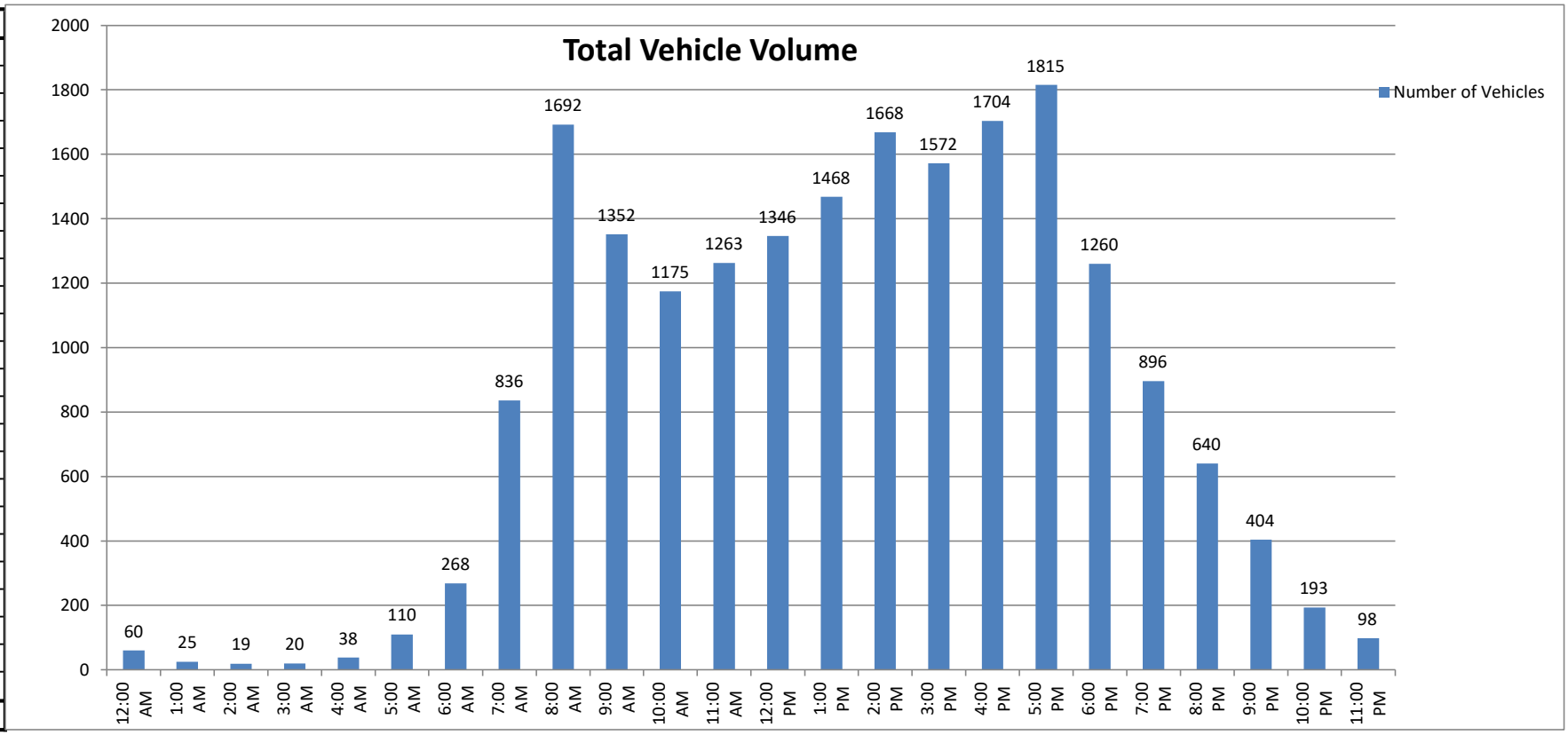
24 Hour Volume Plot

Barranca Parkway
B/ Creek Road - Lyon

4/17/2024

Start Time	4/17/2024
12:00 AM	60
1:00 AM	25
2:00 AM	19
3:00 AM	20
4:00 AM	38
5:00 AM	110
6:00 AM	268
7:00 AM	836
8:00 AM	1692
9:00 AM	1352
10:00 AM	1175
11:00 AM	1263
12:00 PM	1346
1:00 PM	1468
2:00 PM	1668
3:00 PM	1572
4:00 PM	1704
5:00 PM	1815
6:00 PM	1260
7:00 PM	896
8:00 PM	640
9:00 PM	404
10:00 PM	193
11:00 PM	98
Total	19922



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Creek Road - Lyon

File Name 68
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	181			8	150				
12:15	10	180			9	183				
12:30	6	177			8	161				
12:45	6	189	31	726	7	160	31	653	62	1379
1:00	8	194			2	162				
1:15	5	173			2	154				
1:30	3	218			6	161				
1:45	4	188	18	772	3	200	12	676	30	1448
2:00	4	191			1	195				
2:15	2	233			2	189				
2:30	2	217			2	200				
2:45	3	206	10	846	1	229	6	812	16	1658
3:00	2	180			2	193				
3:15	2	224			4	214				
3:30	3	205			3	182				
3:45	4	206	11	814	5	216	13	804	24	1618
4:00	2	228			3	190				
4:15	4	216			3	213				
4:30	12	242			3	201				
4:45	7	203	24	888	8	215	17	818	40	1706
5:00	9	236			10	214				
5:15	15	225			8	221				
5:30	15	243			17	227				
5:45	19	221	57	924	19	225	53	886	110	1810
6:00	13	199			35	177				
6:15	26	182			29	171				
6:30	38	136			41	131				
6:45	43	150	119	666	51	114	156	592	275	1257
7:00	59	152			67	103				
7:15	88	125			109	102				
7:30	116	126			124	84				
7:45	123	122	386	524	168	87	467	375	853	899
8:00	151	105			195	79				
8:15	195	99			267	73				
8:30	198	82			248	52				
8:45	168	82	711	367	272	68	980	272	1691	639
9:00	185	75			201	52				
9:15	135	61			158	47				
9:30	159	68			176	34				
9:45	149	57	627	260	152	29	686	162	1313	422
10:00	138	39			139	35				
10:15	141	31			150	21				
10:30	149	20			146	14				
10:45	156	20	583	109	172	17	606	86	1189	195
11:00	161	19			156	11				
11:15	168	19			167	11				
11:30	144	9			150	14				
11:45	185	13	656	59	183	7	656	42	1312	101
Totals	3231	6953			3681	6175				
Combined Totals		10183				9856				
ADT										20039
AM Peak Hour	815	AM			815	AM				
Volume	745				986					
P.H.F.	0.943				0.908					
PM Peak Hour		500	PM			500	PM			
Volume		924				886				
P.H.F.		0.951				0.977				
Percentage	31.7%	68.3%			37.3%	62.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Culver Drive - West Yale Loop

File Name 65
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	209			2	204				
12:15	8	192			6	192				
12:30	8	171			5	197				
12:45	7	217	28	789	2	185	15	778	43	1567
1:00	6	182			7	189				
1:15	6	224			3	186				
1:30	3	225			6	184				
1:45	6	250	21	881	3	187	19	746	40	1627
2:00	0	199			1	198				
2:15	2	210			4	218				
2:30	1	220			4	236				
2:45	1	251	4	880	3	232	12	884	16	1764
3:00	1	174			1	277				
3:15	1	194			5	225				
3:30	4	228			4	240				
3:45	1	238	7	834	5	231	15	973	22	1807
4:00	3	216			9	238				
4:15	5	221			4	288				
4:30	10	238			4	253				
4:45	14	212	32	887	13	280	30	1059	62	1946
5:00	18	247			11	246				
5:15	20	256			11	287				
5:30	28	245			22	248				
5:45	39	239	105	987	20	244	64	1025	169	2012
6:00	29	222			35	249				
6:15	68	199			33	204				
6:30	73	162			43	195				
6:45	74	129	244	712	52	125	163	773	407	1485
7:00	100	167			69	149				
7:15	126	150			85	123				
7:30	161	144			105	109				
7:45	209	116	596	577	153	114	412	495	1008	1072
8:00	236	117			190	105				
8:15	279	123			212	86				
8:30	251	99			222	94				
8:45	259	105	1025	444	211	83	835	368	1860	812
9:00	211	70			175	87				
9:15	188	63			173	59				
9:30	221	86			183	55				
9:45	211	72	831	291	186	32	717	233	1548	524
10:00	165	37			162	58				
10:15	205	31			191	34				
10:30	173	35			180	19				
10:45	195	22	738	125	163	19	696	130	1434	255
11:00	173	27			227	17				
11:15	194	21			191	14				
11:30	194	16			200	12				
11:45	200	18	761	82	203	12	821	55	1582	137
Totals	4392	7489			3799	7519				
Combined Totals		11881				11318				
ADT										23199
AM Peak Hour	800	AM			800	AM				
Volume	1025				835					
P.H.F.	0.918				0.940					
PM Peak Hour		500	PM			415	PM			
Volume		987				1067				
P.H.F.		0.964				0.926				
Percentage	37.0%	63.0%			33.6%	66.4%				

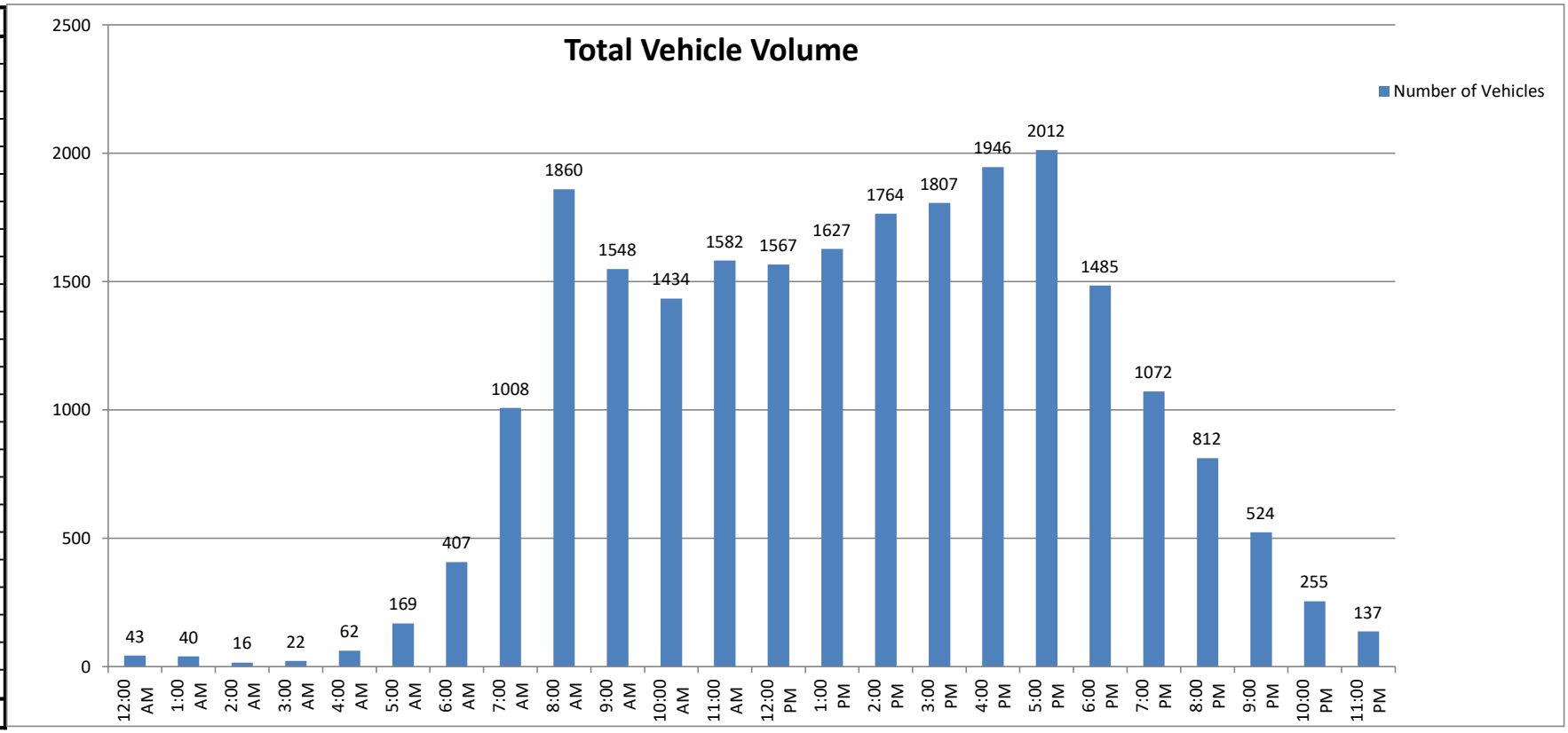
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Culver Drive - West Yale Loop

4/16/2024

Start Time	4/16/2024
12:00 AM	43
1:00 AM	40
2:00 AM	16
3:00 AM	22
4:00 AM	62
5:00 AM	169
6:00 AM	407
7:00 AM	1008
8:00 AM	1860
9:00 AM	1548
10:00 AM	1434
11:00 AM	1582
12:00 PM	1567
1:00 PM	1627
2:00 PM	1764
3:00 PM	1807
4:00 PM	1946
5:00 PM	2012
6:00 PM	1485
7:00 PM	1072
8:00 PM	812
9:00 PM	524
10:00 PM	255
11:00 PM	137
Total	23199



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Culver Drive - West Yale Loop

File Name 65
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	181			9	209				
12:15	17	175			7	212				
12:30	12	189			3	174				
12:45	6	238	49	783	6	175	25	770	74	1553
1:00	5	165			5	183				
1:15	6	203			4	150				
1:30	8	176			8	155				
1:45	4	220	23	764	3	206	20	694	43	1458
2:00	9	203			1	194				
2:15	3	186			1	185				
2:30	2	208			5	212				
2:45	3	218	17	815	2	192	9	783	26	1598
3:00	1	209			1	229				
3:15	5	226			2	209				
3:30	3	219			2	260				
3:45	2	211	11	865	3	208	8	906	19	1771
4:00	7	235			8	253				
4:15	3	224			3	239				
4:30	9	271			7	244				
4:45	9	227	28	957	8	266	26	1002	54	1959
5:00	11	296			13	266				
5:15	30	249			13	266				
5:30	25	261			13	276				
5:45	46	249	112	1055	22	227	61	1035	173	2090
6:00	25	214			38	270				
6:15	59	206			24	168				
6:30	44	160			49	190				
6:45	70	161	198	741	72	149	183	777	381	1518
7:00	102	173			56	166				
7:15	124	152			80	124				
7:30	154	131			133	137				
7:45	200	154	580	610	142	90	411	517	991	1127
8:00	215	114			188	105				
8:15	224	103			197	99				
8:30	261	100			193	73				
8:45	267	79	967	396	258	102	836	379	1803	775
9:00	227	64			175	94				
9:15	188	73			157	63				
9:30	230	69			175	60				
9:45	195	48	840	254	189	47	696	264	1536	518
10:00	161	40			150	46				
10:15	197	38			175	32				
10:30	155	26			185	23				
10:45	178	27	691	131	189	22	699	123	1390	254
11:00	161	28			187	21				
11:15	189	18			176	13				
11:30	167	9			166	16				
11:45	188	15	705	70	196	9	725	59	1430	129
Totals	4221	7441			3699	7309				
Combined Totals		11662				11008				
ADT										22670
AM Peak Hour	815	AM			800	AM				
Volume	979				836					
P.H.F.	0.917				0.810					
PM Peak Hour		500	PM			445	PM			
Volume		1055				1074				
P.H.F.		0.891				0.973				
Percentage	36.2%	63.8%			33.6%	66.4%				

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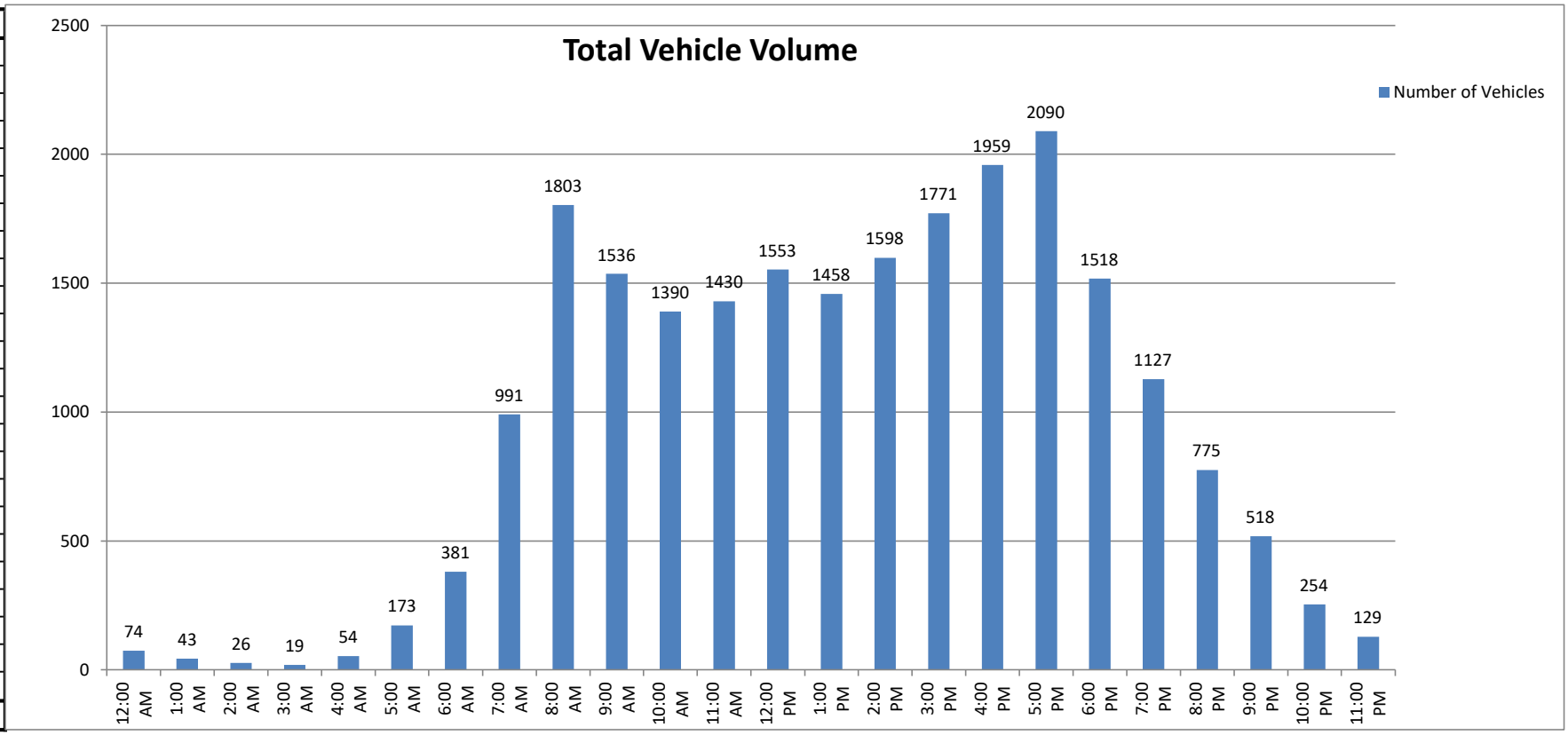
24 Hour Volume Plot

Barranca Parkway
B/ Culver Drive - West Yale Loop

4/17/2024

Start Time	4/17/2024
12:00 AM	74
1:00 AM	43
2:00 AM	26
3:00 AM	19
4:00 AM	54
5:00 AM	173
6:00 AM	381
7:00 AM	991
8:00 AM	1803
9:00 AM	1536
10:00 AM	1390
11:00 AM	1430
12:00 PM	1553
1:00 PM	1458
2:00 PM	1598
3:00 PM	1771
4:00 PM	1959
5:00 PM	2090
6:00 PM	1518
7:00 PM	1127
8:00 PM	775
9:00 PM	518
10:00 PM	254
11:00 PM	129
Total	22670



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Culver Drive - West Yale Loop

File Name 65
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	195			6	207				
12:15	13	184			7	202				
12:30	10	180			4	186				
12:45	7	228	39	786	4	180	20	774	59	1560
1:00	6	174			6	186				
1:15	6	214			4	168				
1:30	6	201			7	170				
1:45	5	235	22	823	3	197	20	720	42	1543
2:00	5	201			1	196				
2:15	3	198			3	202				
2:30	2	214			5	224				
2:45	2	235	11	848	3	212	11	834	21	1681
3:00	1	192			1	253				
3:15	3	210			4	217				
3:30	4	224			3	250				
3:45	2	225	9	850	4	220	12	940	21	1789
4:00	5	226			9	246				
4:15	4	223			4	264				
4:30	10	255			6	249				
4:45	12	220	30	922	11	273	28	1031	58	1953
5:00	15	272			12	256				
5:15	25	253			12	277				
5:30	27	253			18	262				
5:45	43	244	109	1021	21	236	63	1030	171	2051
6:00	27	218			37	260				
6:15	64	203			29	186				
6:30	59	161			46	193				
6:45	72	145	221	727	62	137	173	775	394	1502
7:00	101	170			63	158				
7:15	125	151			83	124				
7:30	158	138			119	123				
7:45	205	135	588	594	148	102	412	506	1000	1100
8:00	226	116			189	105				
8:15	252	113			205	93				
8:30	256	100			208	84				
8:45	263	92	996	420	235	93	836	374	1832	794
9:00	219	67			175	91				
9:15	188	68			165	61				
9:30	226	78			179	58				
9:45	203	60	836	273	188	40	707	249	1542	521
10:00	163	39			156	52				
10:15	201	35			183	33				
10:30	164	31			183	21				
10:45	187	25	715	128	176	21	698	127	1412	255
11:00	167	28			207	19				
11:15	192	20			184	14				
11:30	181	13			183	14				
11:45	194	17	733	76	200	11	773	57	1506	133
Totals	4307	7465			3749	7414				
Combined Totals		11772				11163				
ADT										22935
AM Peak Hour	800	AM			800	AM				
Volume	996				836					
P.H.F.	0.947				0.891					
PM Peak Hour		500	PM			445	PM			
Volume		1021				1068				
P.H.F.		0.940				0.965				
Percentage	36.6%	63.4%			33.6%	66.4%				

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City of Irvine
Barranca Parkway
B/ Discovery - Banting

File Name 76
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	109			0	93				
12:15	6	110			4	103				
12:30	3	85			1	98				
12:45	1	102	16	406	4	90	9	384	25	790
1:00	2	85			1	75				
1:15	0	81			0	96				
1:30	2	108			3	82				
1:45	1	90	5	364	5	88	9	341	14	705
2:00	10	103			2	77				
2:15	1	101			9	100				
2:30	5	119			7	80				
2:45	5	97	21	420	6	107	24	364	45	784
3:00	7	112			6	68				
3:15	3	119			9	99				
3:30	9	150			9	89				
3:45	8	120	27	501	8	101	32	357	59	858
4:00	10	131			11	117				
4:15	1	144			14	130				
4:30	7	155			20	131				
4:45	6	136	24	566	46	142	91	520	115	1086
5:00	6	221			30	139				
5:15	10	200			43	204				
5:30	16	159			65	171				
5:45	21	203	53	783	83	151	221	665	274	1448
6:00	23	147			74	114				
6:15	16	169			57	100				
6:30	29	106			68	41				
6:45	45	109	113	531	87	58	286	313	399	844
7:00	39	97			77	46				
7:15	37	99			154	38				
7:30	49	68			170	35				
7:45	64	61	189	325	232	43	633	162	822	487
8:00	63	56			288	30				
8:15	74	46			267	28				
8:30	104	34			256	19				
8:45	90	34	331	170	272	22	1083	99	1414	269
9:00	74	18			224	19				
9:15	68	28			211	10				
9:30	197	19			144	12				
9:45	71	14	410	79	167	14	746	55	1156	134
10:00	77	18			121	12				
10:15	70	9			105	9				
10:30	104	11			93	7				
10:45	75	13	326	51	91	5	410	33	736	84
11:00	77	11			72	3				
11:15	73	7			84	7				
11:30	81	5			72	4				
11:45	97	6	328	29	89	5	317	19	645	48
Totals	1843	4225			3861	3312				
Combined Totals		6068				7173				
ADT										13241
AM Peak Hour	845	AM			800	AM				
Volume	429				1083					
P.H.F.	0.544				0.940					
PM Peak Hour		500	PM			500	PM			
Volume		783				665				
P.H.F.		0.886				0.815				
Percentage	30.4%	69.6%			53.8%	46.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

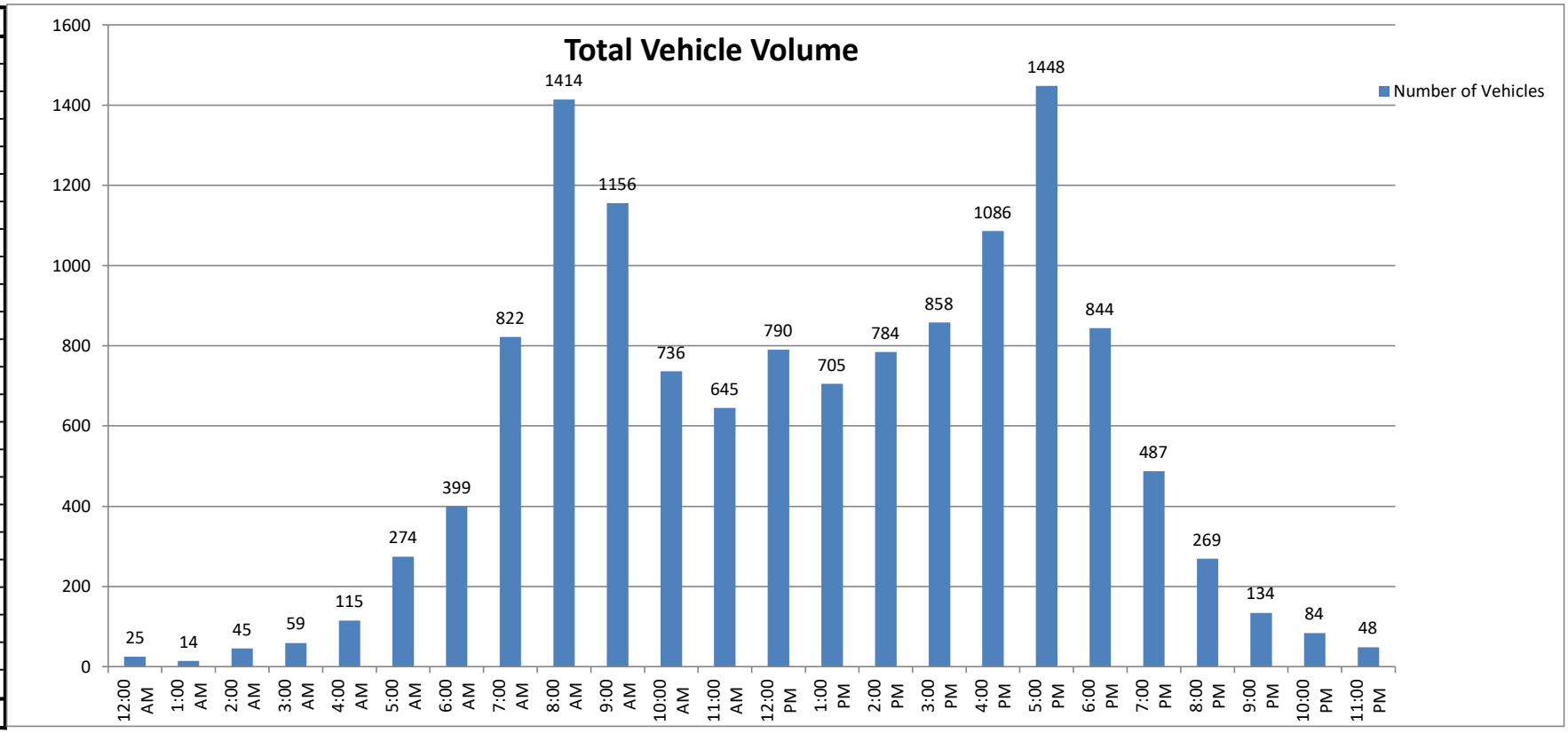
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Discovery - Banting

4/16/2024

Start Time	4/16/2024
12:00 AM	25
1:00 AM	14
2:00 AM	45
3:00 AM	59
4:00 AM	115
5:00 AM	274
6:00 AM	399
7:00 AM	822
8:00 AM	1414
9:00 AM	1156
10:00 AM	736
11:00 AM	645
12:00 PM	790
1:00 PM	705
2:00 PM	784
3:00 PM	858
4:00 PM	1086
5:00 PM	1448
6:00 PM	844
7:00 PM	487
8:00 PM	269
9:00 PM	134
10:00 PM	84
11:00 PM	48
Total	13241



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Discovery - Banting

File Name 76
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	116			1	84				
12:15	5	89			3	84				
12:30	2	82			3	94				
12:45	2	75	11	362	1	95	8	357	19	719
1:00	1	92			2	82				
1:15	2	100			2	87				
1:30	3	94			4	88				
1:45	1	109	7	395	5	63	13	320	20	715
2:00	0	91			1	69				
2:15	1	103			5	87				
2:30	3	96			5	73				
2:45	11	114	15	404	2	97	13	326	28	730
3:00	5	124			4	91				
3:15	2	152			5	95				
3:30	3	124			9	93				
3:45	3	118	13	518	12	85	30	364	43	882
4:00	15	120			8	104				
4:15	3	139			10	126				
4:30	11	187			16	134				
4:45	12	147	41	593	61	115	95	479	136	1072
5:00	4	218			29	136				
5:15	9	217			45	176				
5:30	18	168			62	151				
5:45	20	157	51	760	84	139	220	602	271	1362
6:00	20	179			69	87				
6:15	25	164			49	80				
6:30	21	134			82	50				
6:45	35	109	101	586	85	56	285	273	386	859
7:00	37	95			115	33				
7:15	42	92			151	42				
7:30	34	59			147	37				
7:45	69	59	182	305	250	28	663	140	845	445
8:00	60	67			234	36				
8:15	66	51			255	40				
8:30	79	28			259	20				
8:45	94	33	299	179	300	35	1048	131	1347	310
9:00	187	27			220	30				
9:15	88	24			195	24				
9:30	83	19			178	16				
9:45	91	17	449	87	157	13	750	83	1199	170
10:00	70	20			113	20				
10:15	69	15			91	15				
10:30	81	11			75	12				
10:45	55	8	275	54	96	6	375	53	650	107
11:00	65	7			55	6				
11:15	73	4			87	4				
11:30	95	8			86	3				
11:45	97	5	330	24	70	6	298	19	628	43
Totals	1774	4267			3798	3147				
Combined Totals		6041				6945				
ADT										12986
AM Peak Hour	845	AM			800	AM				
Volume	452				1048					
P.H.F.	0.604				0.873					
PM Peak Hour		430	PM			500	PM			
Volume		769				602				
P.H.F.		0.882				0.855				
Percentage	29.4%	70.6%			54.7%	45.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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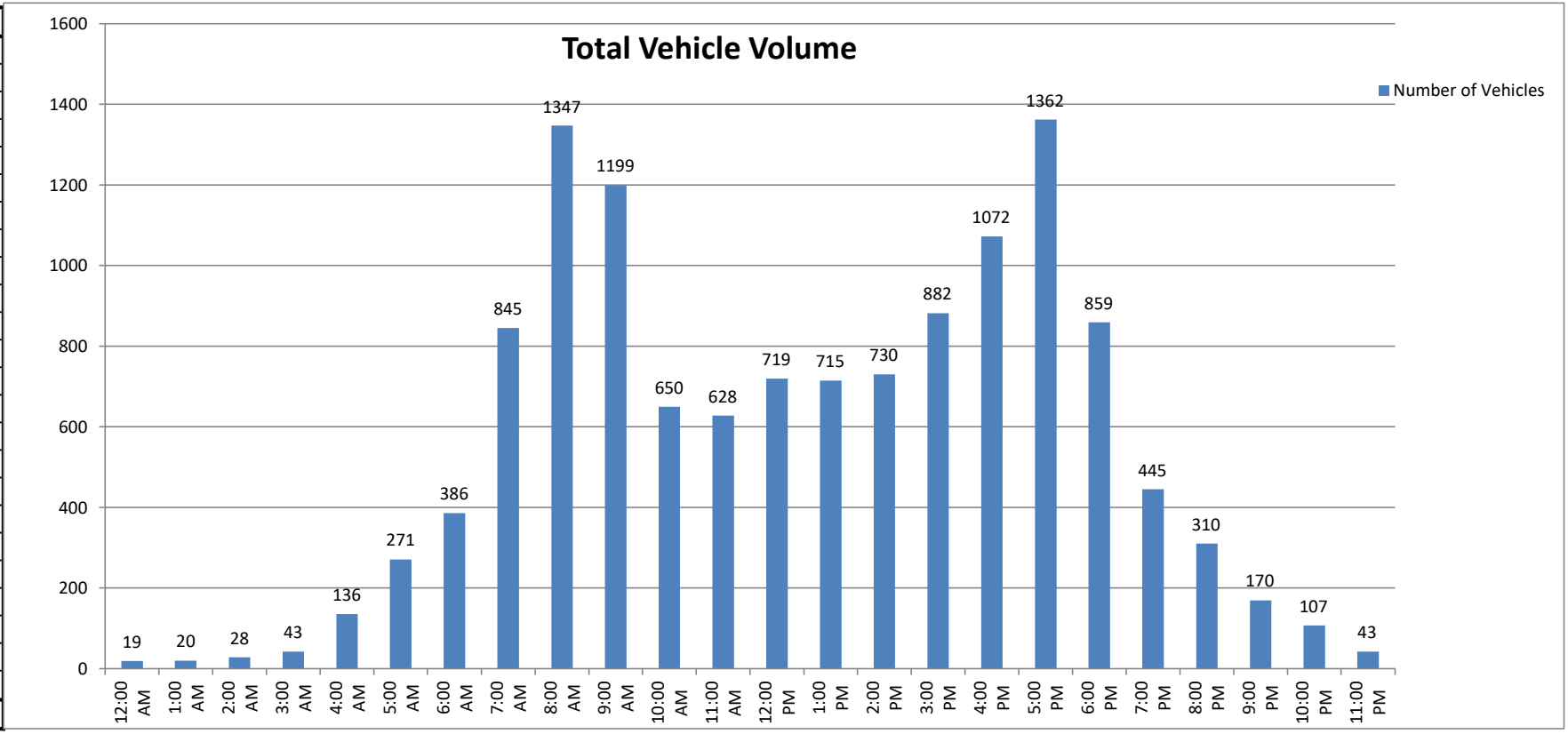
24 Hour Volume Plot

Barranca Parkway
B/ Discovery - Banting

4/17/2024

Start Time	4/17/2024
12:00 AM	19
1:00 AM	20
2:00 AM	28
3:00 AM	43
4:00 AM	136
5:00 AM	271
6:00 AM	386
7:00 AM	845
8:00 AM	1347
9:00 AM	1199
10:00 AM	650
11:00 AM	628
12:00 PM	719
1:00 PM	715
2:00 PM	730
3:00 PM	882
4:00 PM	1072
5:00 PM	1362
6:00 PM	859
7:00 PM	445
8:00 PM	310
9:00 PM	170
10:00 PM	107
11:00 PM	43
Total	12986



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Discovery - Banting

File Name 76
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	113			1	89				
12:15	6	100			4	94				
12:30	3	84			2	96				
12:45	2	89	14	384	3	93	9	371	22	755
1:00	2	89			2	79				
1:15	1	91			1	92				
1:30	3	101			4	85				
1:45	1	100	6	380	5	76	11	331	17	710
2:00	5	97			2	73				
2:15	1	102			7	94				
2:30	4	108			6	77				
2:45	8	106	18	412	4	102	19	345	37	757
3:00	6	118			5	80				
3:15	3	136			7	97				
3:30	6	137			9	91				
3:45	6	119	20	510	10	93	31	361	51	870
4:00	13	126			10	111				
4:15	2	142			12	128				
4:30	9	171			18	133				
4:45	9	142	33	580	54	129	93	500	126	1079
5:00	5	220			30	138				
5:15	10	209			44	190				
5:30	17	164			64	161				
5:45	21	180	52	772	84	145	221	634	273	1405
6:00	22	163			72	101				
6:15	21	167			53	90				
6:30	25	120			75	46				
6:45	40	109	107	559	86	57	286	293	393	852
7:00	38	96			96	40				
7:15	40	96			153	40				
7:30	42	64			159	36				
7:45	67	60	186	315	241	36	648	151	834	466
8:00	62	62			261	33				
8:15	70	49			261	34				
8:30	92	31			258	20				
8:45	92	34	315	175	286	29	1066	115	1381	290
9:00	131	23			222	25				
9:15	78	26			203	17				
9:30	140	19			161	14				
9:45	81	16	430	83	162	14	748	69	1178	152
10:00	74	19			117	16				
10:15	70	12			98	12				
10:30	93	11			84	10				
10:45	65	11	301	53	94	6	393	43	693	96
11:00	71	9			64	5				
11:15	73	6			86	6				
11:30	88	7			79	4				
11:45	97	6	329	27	80	6	308	19	637	46
Totals	1809	4246			3830	3230				
Combined Totals		6055				7059				
ADT										13114
AM Peak Hour	845	AM			800	AM				
Volume	441				1066					
P.H.F.	0.787				0.931					
PM Peak Hour		500	PM			500	PM			
Volume		772				634				
P.H.F.		0.879				0.834				
Percentage	29.9%	70.1%			54.2%	45.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ East Yale Loop - Jeffrey Road

File Name 70
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	202			11	155				
12:15	10	190			12	183				
12:30	7	212			11	166				
12:45	10	186	38	790	6	214	40	718	78	1508
1:00	9	175			8	180				
1:15	11	178			2	161				
1:30	4	236			5	159				
1:45	4	191	28	780	6	210	21	710	49	1490
2:00	0	173			5	212				
2:15	1	204			2	203				
2:30	1	269			5	217				
2:45	2	167	4	813	0	294	12	926	16	1739
3:00	3	231			1	245				
3:15	2	238			3	219				
3:30	4	233			3	190				
3:45	4	245	13	947	1	252	8	906	21	1853
4:00	4	241			3	199				
4:15	6	232			4	232				
4:30	23	270			5	229				
4:45	15	235	48	978	11	252	23	912	71	1890
5:00	14	248			4	242				
5:15	18	239			8	273				
5:30	37	253			19	285				
5:45	35	228	104	968	13	272	44	1072	148	2040
6:00	29	234			33	233				
6:15	47	185			30	188				
6:30	73	179			48	154				
6:45	62	139	211	737	68	145	179	720	390	1457
7:00	84	179			75	133				
7:15	121	155			109	112				
7:30	157	106			133	123				
7:45	173	102	535	542	255	113	572	481	1107	1023
8:00	207	111			279	88				
8:15	270	118			352	115				
8:30	254	99			246	77				
8:45	181	77	912	405	256	74	1133	354	2045	759
9:00	184	82			169	75				
9:15	198	71			181	57				
9:30	184	83			179	63				
9:45	184	64	750	300	154	51	683	246	1433	546
10:00	148	55			165	56				
10:15	166	30			134	39				
10:30	179	31			157	18				
10:45	177	20	670	136	175	23	631	136	1301	272
11:00	175	31			180	21				
11:15	176	19			167	24				
11:30	198	16			136	14				
11:45	194	19	743	85	169	15	652	74	1395	159
Totals	4056	7481			3998	7255				
Combined Totals		11537				11253				
ADT										22790
AM Peak Hour	800	AM			800	AM				
Volume	912				1133					
P.H.F.	0.844				0.805					
PM Peak Hour		430	PM			500	PM			
Volume		992				1072				
P.H.F.		0.919				0.940				
Percentage	35.2%	64.8%			35.5%	64.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

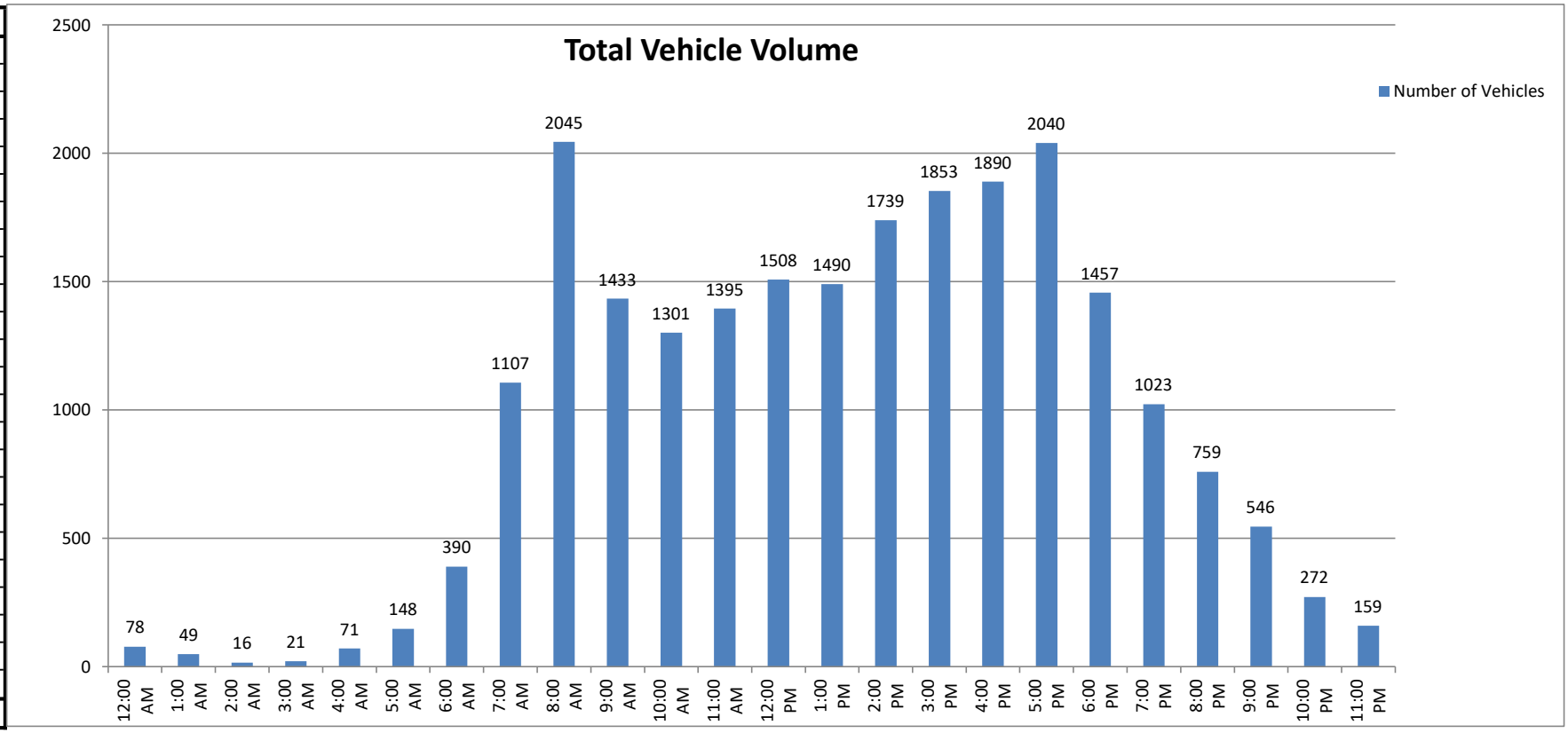
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ East Yale Loop - Jeffrey Road

4/16/2024

Start Time	4/16/2024
12:00 AM	78
1:00 AM	49
2:00 AM	16
3:00 AM	21
4:00 AM	71
5:00 AM	148
6:00 AM	390
7:00 AM	1107
8:00 AM	2045
9:00 AM	1433
10:00 AM	1301
11:00 AM	1395
12:00 PM	1508
1:00 PM	1490
2:00 PM	1739
3:00 PM	1853
4:00 PM	1890
5:00 PM	2040
6:00 PM	1457
7:00 PM	1023
8:00 PM	759
9:00 PM	546
10:00 PM	272
11:00 PM	159
Total	22790



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Barranca Parkway
B/ East Yale Loop - Jeffrey Road

File Name 70
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	183			13	138				
12:15	14	182			13	193				
12:30	19	210			7	154				
12:45	10	197	58	772	7	191	40	676	98	1448
1:00	1	194			2	193				
1:15	3	201			7	217				
1:30	4	218			9	165				
1:45	4	197	12	810	5	209	23	784	35	1594
2:00	5	165			4	212				
2:15	2	216			1	208				
2:30	1	206			1	217				
2:45	5	196	13	783	2	220	8	857	21	1640
3:00	5	208			4	201				
3:15	2	239			6	223				
3:30	3	218			1	199				
3:45	3	189	13	854	2	220	13	843	26	1697
4:00	5	244			0	210				
4:15	3	249			2	211				
4:30	18	245			4	272				
4:45	20	256	46	994	8	232	14	925	60	1919
5:00	14	242			5	210				
5:15	31	239			6	259				
5:30	33	264			12	269				
5:45	38	239	116	984	20	234	43	972	159	1956
6:00	28	255			25	183				
6:15	39	198			31	205				
6:30	53	190			49	154				
6:45	74	151	194	794	78	133	183	675	377	1469
7:00	85	172			76	144				
7:15	136	133			128	133				
7:30	163	161			161	120				
7:45	193	129	577	595	215	104	580	501	1157	1096
8:00	214	118			231	90				
8:15	210	91			273	105				
8:30	196	97			266	68				
8:45	244	107	864	413	320	117	1090	380	1954	793
9:00	240	81			255	87				
9:15	188	62			166	81				
9:30	172	62			179	57				
9:45	192	49	792	254	162	52	762	277	1554	531
10:00	160	54			148	43				
10:15	150	41			156	33				
10:30	182	30			155	31				
10:45	162	18	654	143	162	24	621	131	1275	274
11:00	185	19			169	23				
11:15	166	20			150	18				
11:30	179	18			143	20				
11:45	192	17	722	74	164	14	626	75	1348	149
Totals	4061	7470			4003	7096				
Combined Totals		11531				11099				
ADT										22630
AM Peak Hour	815	AM			815	AM				
Volume	890				1114					
P.H.F.	0.912				0.870					
PM Peak Hour		445	PM			430	PM			
Volume		1001				973				
P.H.F.		0.948				0.894				
Percentage	35.2%	64.8%			36.1%	63.9%				

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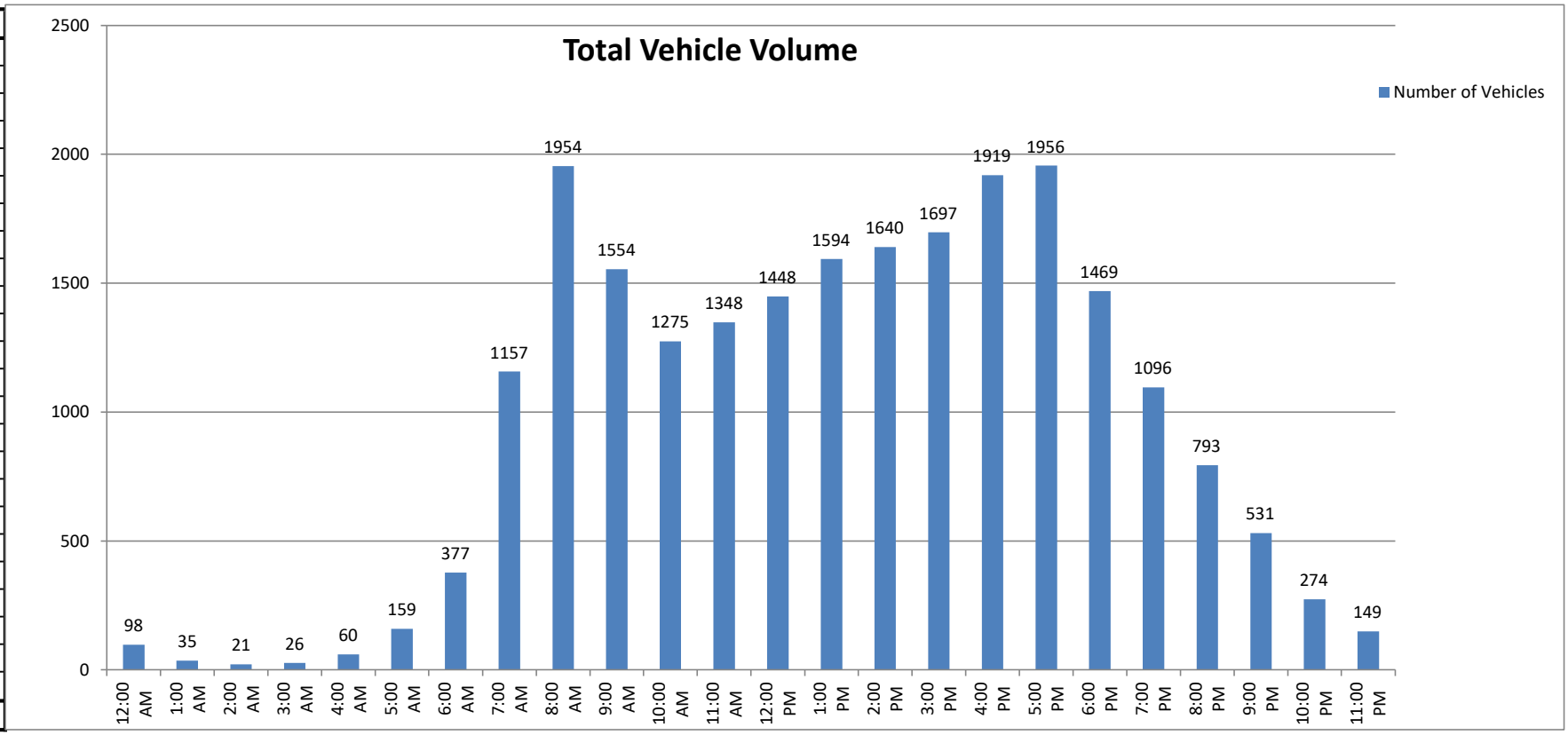
24 Hour Volume Plot

Barranca Parkway
B/ East Yale Loop - Jeffrey Road

4/17/2024

Start Time	4/17/2024
12:00 AM	98
1:00 AM	35
2:00 AM	21
3:00 AM	26
4:00 AM	60
5:00 AM	159
6:00 AM	377
7:00 AM	1157
8:00 AM	1954
9:00 AM	1554
10:00 AM	1275
11:00 AM	1348
12:00 PM	1448
1:00 PM	1594
2:00 PM	1640
3:00 PM	1697
4:00 PM	1919
5:00 PM	1956
6:00 PM	1469
7:00 PM	1096
8:00 PM	793
9:00 PM	531
10:00 PM	274
11:00 PM	149
Total	22630



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ East Yale Loop - Jeffrey Road

File Name 70
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	193			12	147				
12:15	12	186			13	188				
12:30	13	211			9	160				
12:45	10	192	48	781	7	203	40	697	88	1478
1:00	5	185			5	187				
1:15	7	190			5	189				
1:30	4	227			7	162				
1:45	4	194	20	795	6	210	22	747	42	1542
2:00	3	169			5	212				
2:15	2	210			2	206				
2:30	1	238			3	217				
2:45	4	182	9	798	1	257	10	892	19	1690
3:00	4	220			3	223				
3:15	2	239			5	221				
3:30	4	226			2	195				
3:45	4	217	13	901	2	236	11	875	24	1775
4:00	5	243			2	205				
4:15	5	241			3	222				
4:30	21	258			5	251				
4:45	18	246	47	986	10	242	19	919	66	1905
5:00	14	245			5	226				
5:15	25	239			7	266				
5:30	35	259			16	277				
5:45	37	234	110	976	17	253	44	1022	154	1998
6:00	29	245			29	208				
6:15	43	192			31	197				
6:30	63	185			49	154				
6:45	68	145	203	766	73	139	181	698	384	1463
7:00	85	176			76	139				
7:15	129	144			119	123				
7:30	160	134			147	122				
7:45	183	116	556	569	235	109	576	491	1132	1060
8:00	211	115			255	89				
8:15	240	105			313	110				
8:30	225	98			256	73				
8:45	213	92	888	409	288	96	1112	367	2000	776
9:00	212	82			212	81				
9:15	193	67			174	69				
9:30	178	73			179	60				
9:45	188	57	771	277	158	52	723	262	1494	539
10:00	154	55			157	50				
10:15	158	36			145	36				
10:30	181	31			156	25				
10:45	170	19	662	140	169	24	626	134	1288	273
11:00	180	25			175	22				
11:15	171	20			159	21				
11:30	189	17			140	17				
11:45	193	18	733	80	167	15	639	75	1372	154
Totals	4059	7476			4001	7176				
Combined Totals		11534				11176				
ADT										22710
AM Peak Hour	815	AM			800	AM				
Volume	890				1112					
P.H.F.	0.927				0.889					
PM Peak Hour		415	PM			500	PM			
Volume		989				1022				
P.H.F.		0.960				0.922				
Percentage	35.2%	64.8%			35.8%	64.2%				

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City of Irvine
Barranca Parkway
B/ FedEx Driveway - Discovery

File Name 75
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	141			1	158				
12:15	3	131			5	180				
12:30	6	120			5	154				
12:45	0	107	13	499	6	139	17	631	30	1130
1:00	3	98			4	139				
1:15	0	101			5	139				
1:30	0	103			3	135				
1:45	1	129	4	431	2	155	14	568	18	999
2:00	1	127			3	115				
2:15	1	182			1	160				
2:30	1	146			4	171				
2:45	1	161	4	616	1	225	9	671	13	1287
3:00	2	107			4	174				
3:15	2	142			5	188				
3:30	4	169			1	192				
3:45	4	155	12	573	2	233	12	787	24	1360
4:00	5	181			2	273				
4:15	4	165			5	290				
4:30	13	176			4	291				
4:45	11	184	33	706	5	328	16	1182	49	1888
5:00	11	185			2	328				
5:15	14	183			7	438				
5:30	17	222			12	353				
5:45	19	180	61	770	11	336	32	1455	93	2225
6:00	17	163			19	249				
6:15	32	165			16	199				
6:30	49	120			19	129				
6:45	53	112	151	560	30	106	84	683	235	1243
7:00	44	118			54	100				
7:15	69	87			58	108				
7:30	89	89			99	76				
7:45	138	69	340	363	151	78	362	362	702	725
8:00	136	76			157	55				
8:15	201	55			235	75				
8:30	231	58			254	52				
8:45	157	38	725	227	228	43	874	225	1599	452
9:00	159	36			171	43				
9:15	153	36			137	32				
9:30	157	38			137	20				
9:45	156	41	625	151	145	26	590	121	1215	272
10:00	99	35			105	20				
10:15	124	18			98	18				
10:30	127	16			132	14				
10:45	138	20	488	89	155	11	490	63	978	152
11:00	148	11			149	12				
11:15	139	10			138	14				
11:30	134	8			129	10				
11:45	133	10	554	39	141	7	557	43	1111	82
Totals	3010	5024			3057	6791				
Combined Totals		8034				9848				
ADT										17882
AM Peak Hour	815	AM			815	AM				
Volume	748				888					
P.H.F.	0.810				0.874					
PM Peak Hour		445	PM			500	PM			
Volume		774				1455				
P.H.F.		0.872				0.830				
Percentage	37.5%	62.5%			31.0%	69.0%				

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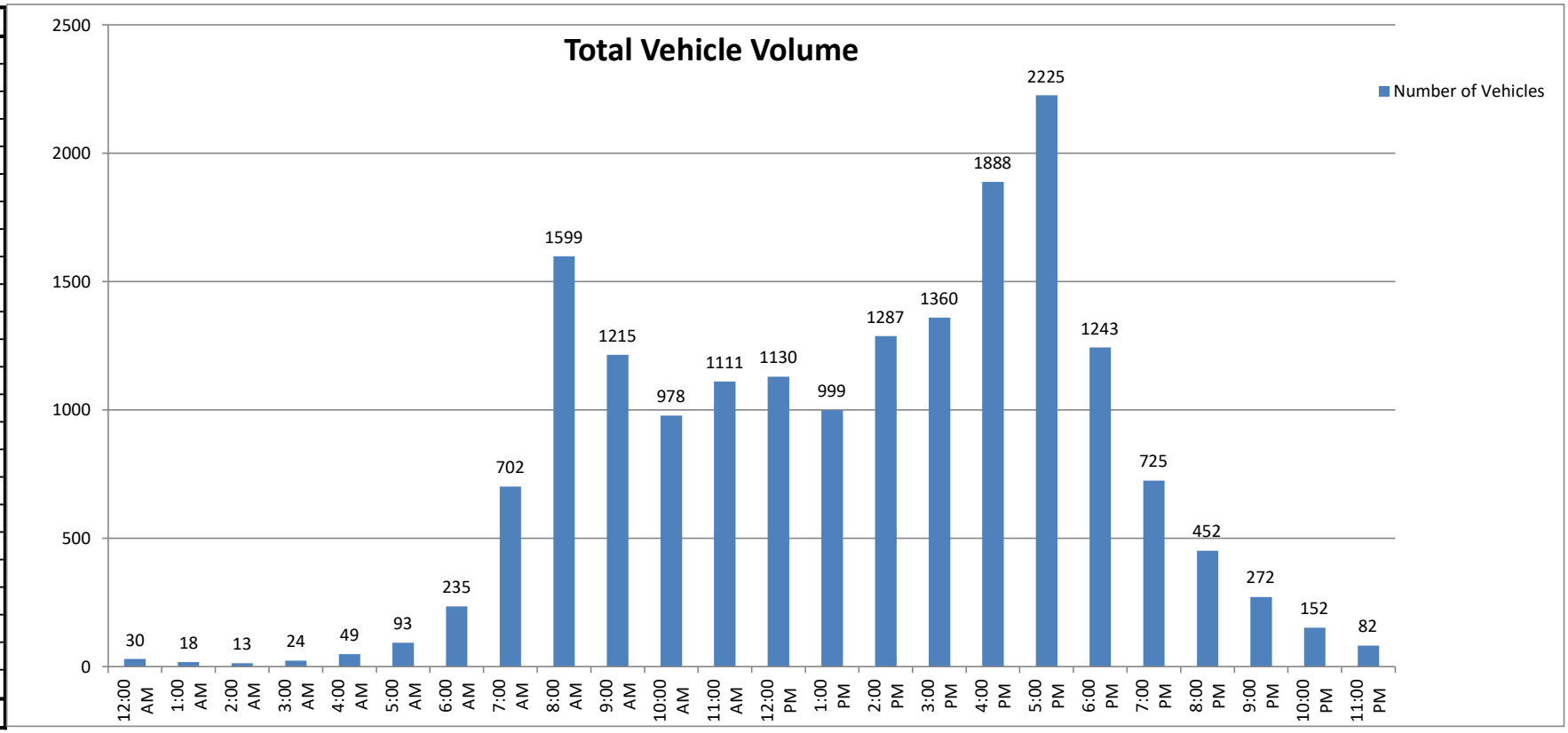
24 Hour Volume Plot

Barranca Parkway
B/ FedEx Driveway - Discovery

4/16/2024

Start Time	4/16/2024
12:00 AM	30
1:00 AM	18
2:00 AM	13
3:00 AM	24
4:00 AM	49
5:00 AM	93
6:00 AM	235
7:00 AM	702
8:00 AM	1599
9:00 AM	1215
10:00 AM	978
11:00 AM	1111
12:00 PM	1130
1:00 PM	999
2:00 PM	1287
3:00 PM	1360
4:00 PM	1888
5:00 PM	2225
6:00 PM	1243
7:00 PM	725
8:00 PM	452
9:00 PM	272
10:00 PM	152
11:00 PM	82
Total	17882



Volumes represent the combined totals for both directions

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City of Irvine
Barranca Parkway
B/ FedEx Driveway - Discovery

File Name 75
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	135			10	160				
12:15	4	163			5	165				
12:30	4	168			1	131				
12:45	3	166	17	632	4	139	20	595	37	1227
1:00	1	139			1	137				
1:15	1	170			3	135				
1:30	0	159			5	150				
1:45	1	154	3	622	1	145	10	567	13	1189
2:00	1	137			2	109				
2:15	2	161			1	160				
2:30	0	120			1	153				
2:45	3	159	6	577	1	165	5	587	11	1164
3:00	0	149			3	179				
3:15	0	193			1	195				
3:30	3	160			0	206				
3:45	4	172	7	674	1	248	5	828	12	1502
4:00	2	134			3	223				
4:15	1	163			3	268				
4:30	12	153			3	291				
4:45	9	181	24	631	4	241	13	1023	37	1654
5:00	9	186			6	342				
5:15	17	223			2	410				
5:30	25	165			11	274				
5:45	18	186	69	760	14	256	33	1282	102	2042
6:00	18	162			17	183				
6:15	31	135			30	178				
6:30	36	108			31	112				
6:45	46	114	131	519	35	98	113	571	244	1090
7:00	53	84			40	84				
7:15	97	97			68	95				
7:30	97	70			101	66				
7:45	137	83	384	334	162	69	371	314	755	648
8:00	155	67			160	60				
8:15	163	67			209	69				
8:30	171	44			247	41				
8:45	203	51	692	229	265	56	881	226	1573	455
9:00	177	57			182	50				
9:15	179	39			160	31				
9:30	160	37			129	37				
9:45	187	34	703	167	137	19	608	137	1311	304
10:00	124	23			94	20				
10:15	131	18			131	22				
10:30	125	17			122	15				
10:45	105	10	485	68	147	6	494	63	979	131
11:00	117	10			125	9				
11:15	142	7			115	6				
11:30	113	6			146	14				
11:45	150	10	522	33	138	8	524	37	1046	70
Totals	3043	5246			3077	6230				
Combined Totals		8289				9307				
ADT										17596
AM Peak Hour	830	AM			815	AM				
Volume	730				903					
P.H.F.	0.899				0.852					
PM Peak Hour		500	PM			430	PM			
Volume		760				1284				
P.H.F.		0.852				0.783				
Percentage	36.7%	63.3%			33.1%	66.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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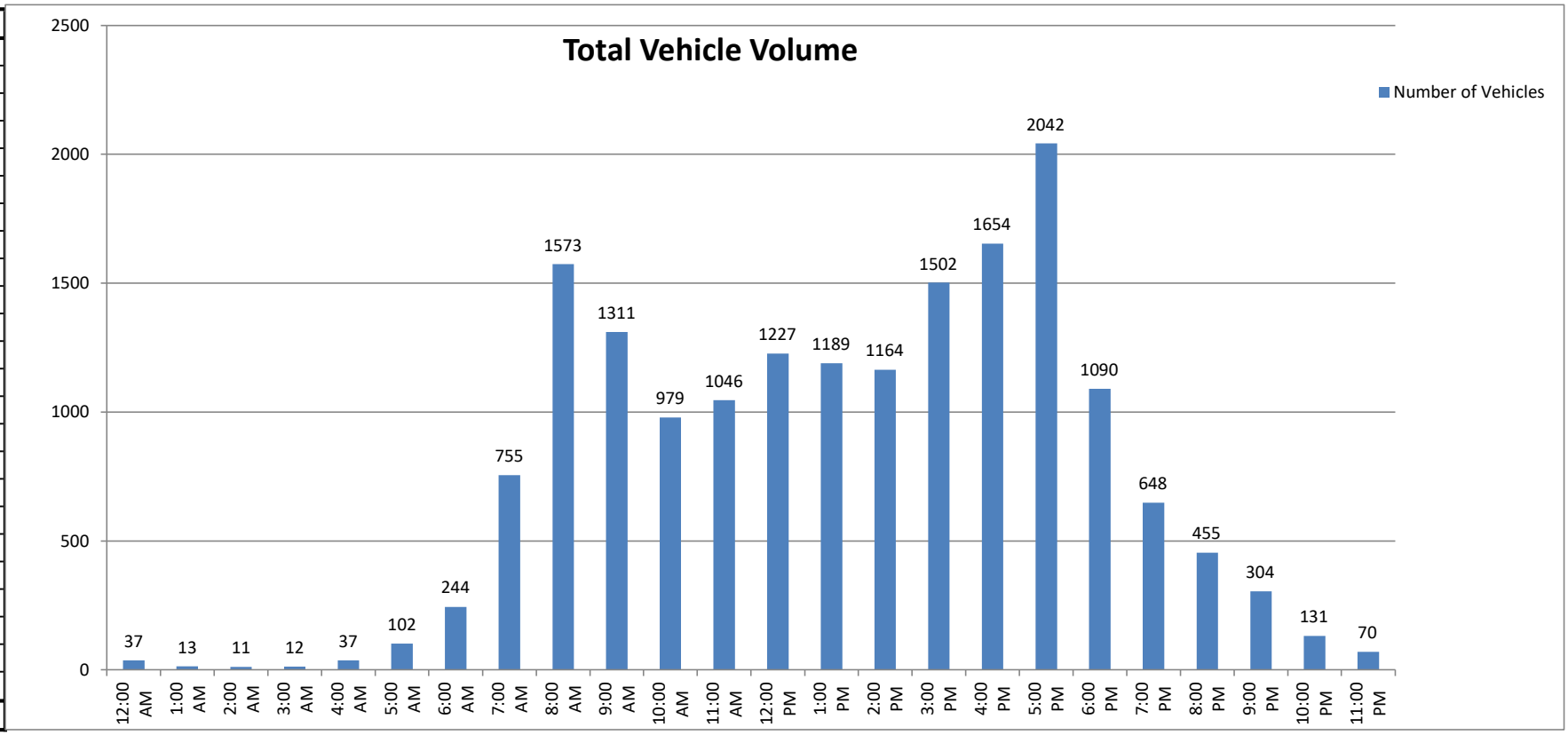
24 Hour Volume Plot

Barranca Parkway
B/ FedEx Driveway - Discovery

4/17/2024

Start Time	4/17/2024
12:00 AM	37
1:00 AM	13
2:00 AM	11
3:00 AM	12
4:00 AM	37
5:00 AM	102
6:00 AM	244
7:00 AM	755
8:00 AM	1573
9:00 AM	1311
10:00 AM	979
11:00 AM	1046
12:00 PM	1227
1:00 PM	1189
2:00 PM	1164
3:00 PM	1502
4:00 PM	1654
5:00 PM	2042
6:00 PM	1090
7:00 PM	648
8:00 PM	455
9:00 PM	304
10:00 PM	131
11:00 PM	70
Total	17596



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ FedEx Driveway - Discovery

File Name 75
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	138			6	159				
12:15	4	147			5	173				
12:30	5	144			3	143				
12:45	2	137	15	566	5	139	19	613	34	1179
1:00	2	119			3	138				
1:15	1	136			4	137				
1:30	0	131			4	143				
1:45	1	142	4	527	2	150	12	568	16	1094
2:00	1	132			3	112				
2:15	2	172			1	160				
2:30	1	133			3	162				
2:45	2	160	5	597	1	195	7	629	12	1226
3:00	1	128			4	177				
3:15	1	168			3	192				
3:30	4	165			1	199				
3:45	4	164	10	624	2	241	9	808	18	1431
4:00	4	158			3	248				
4:15	3	164			4	279				
4:30	13	165			4	291				
4:45	10	183	29	669	5	285	15	1103	43	1771
5:00	10	186			4	335				
5:15	16	203			5	424				
5:30	21	194			12	314				
5:45	19	183	65	765	13	296	33	1369	98	2134
6:00	18	163			18	216				
6:15	32	150			23	189				
6:30	43	114			25	121				
6:45	50	113	141	540	33	102	99	627	240	1167
7:00	49	101			47	92				
7:15	83	92			63	102				
7:30	93	80			100	71				
7:45	138	76	362	349	157	74	367	338	729	687
8:00	146	72			159	58				
8:15	182	61			222	72				
8:30	201	51			251	47				
8:45	180	45	709	228	247	50	878	226	1586	454
9:00	168	47			177	47				
9:15	166	38			149	32				
9:30	159	38			133	29				
9:45	172	38	664	159	141	23	599	129	1263	288
10:00	112	29			100	20				
10:15	128	18			115	20				
10:30	126	17			127	15				
10:45	122	15	487	79	151	9	492	63	979	142
11:00	133	11			137	11				
11:15	141	9			127	10				
11:30	124	7			138	12				
11:45	142	10	538	36	140	8	541	40	1079	76
Totals	3027	5135			3067	6511				
Combined Totals		8162				9578				
ADT										17739
AM Peak Hour	815	AM			815	AM				
Volume	731				896					
P.H.F.	0.909				0.894					
PM Peak Hour		500	PM			500	PM			
Volume		765				1369				
P.H.F.		0.942				0.807				
Percentage	37.1%	62.9%			32.0%	68.0%				

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City of Irvine
Barranca Parkway
B/ Interstate 5 - Technology Drive

File Name 80
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	173			9	177				
12:15	3	228			5	175				
12:30	4	196			4	175				
12:45	4	177	16	774	3	153	21	680	37	1454
1:00	2	225			3	131				
1:15	2	194			4	154				
1:30	10	179			5	194				
1:45	11	144	25	742	5	196	17	675	42	1417
2:00	2	173			11	156				
2:15	1	165			2	144				
2:30	3	151			2	202				
2:45	12	172	18	661	4	213	19	715	37	1376
3:00	6	174			6	200				
3:15	17	140			4	225				
3:30	15	217			9	253				
3:45	31	193	69	724	4	265	23	943	92	1667
4:00	24	174			6	297				
4:15	32	178			5	286				
4:30	60	193			2	349				
4:45	91	204	207	749	7	277	20	1209	227	1958
5:00	52	233			6	401				
5:15	90	249			8	326				
5:30	128	232			21	285				
5:45	156	241	426	955	22	223	57	1235	483	2190
6:00	115	176			32	226				
6:15	102	199			41	193				
6:30	117	138			43	155				
6:45	192	152	526	665	56	101	172	675	698	1340
7:00	183	113			65	103				
7:15	172	118			91	90				
7:30	202	97			142	102				
7:45	261	103	818	431	151	74	449	369	1267	800
8:00	293	77			206	74				
8:15	258	73			209	72				
8:30	300	51			175	42				
8:45	272	47	1123	248	139	52	729	240	1852	488
9:00	252	31			142	48				
9:15	220	39			116	28				
9:30	212	26			99	28				
9:45	185	27	869	123	126	19	483	123	1352	246
10:00	193	26			88	21				
10:15	163	18			94	23				
10:30	179	15			96	16				
10:45	172	20	707	79	117	13	395	73	1102	152
11:00	174	17			89	12				
11:15	169	11			105	18				
11:30	182	10			124	9				
11:45	168	9	693	47	137	15	455	54	1148	101
Totals	5497	6198			2840	6991				
Combined Totals		11695				9831				
ADT										21526
AM Peak Hour	800	AM			745	AM				
Volume	1123				741					
P.H.F.	0.936				0.886					
PM Peak Hour		500	PM			430	PM			
Volume		955				1353				
P.H.F.		0.959				0.844				
Percentage	47.0%	53.0%			28.9%	71.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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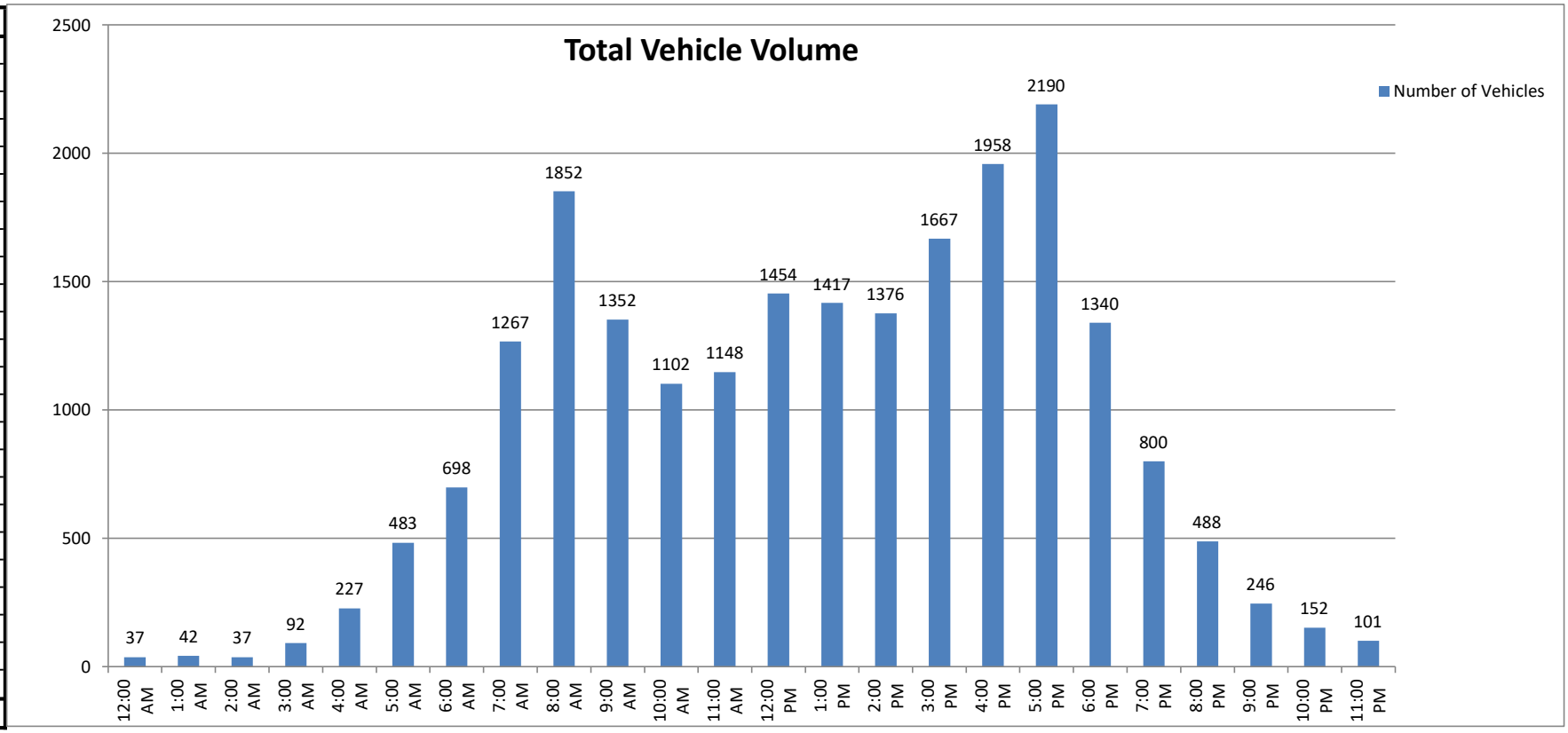
24 Hour Volume Plot

Barranca Parkway
B/ Interstate 5 - Technology Drive

4/16/2024

Start Time	4/16/2024
12:00 AM	37
1:00 AM	42
2:00 AM	37
3:00 AM	92
4:00 AM	227
5:00 AM	483
6:00 AM	698
7:00 AM	1267
8:00 AM	1852
9:00 AM	1352
10:00 AM	1102
11:00 AM	1148
12:00 PM	1454
1:00 PM	1417
2:00 PM	1376
3:00 PM	1667
4:00 PM	1958
5:00 PM	2190
6:00 PM	1340
7:00 PM	800
8:00 PM	488
9:00 PM	246
10:00 PM	152
11:00 PM	101
Total	21526



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Interstate 5 - Technology Drive

File Name 80
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	186			6	204				
12:15	1	209			3	156				
12:30	5	198			7	147				
12:45	6	194	18	787	1	154	17	661	35	1448
1:00	2	202			6	125				
1:15	6	221			5	179				
1:30	14	170			5	189				
1:45	8	172	30	765	9	162	25	655	55	1420
2:00	6	205			3	147				
2:15	4	146			1	143				
2:30	3	180			4	213				
2:45	15	160	28	691	3	196	11	699	39	1390
3:00	6	162			2	228				
3:15	11	169			4	188				
3:30	15	223			3	250				
3:45	34	208	66	762	2	227	11	893	77	1655
4:00	20	172			4	309				
4:15	36	194			4	291				
4:30	61	175			1	294				
4:45	91	220	208	761	8	282	17	1176	225	1937
5:00	52	257			7	381				
5:15	85	233			14	348				
5:30	128	208			17	262				
5:45	155	227	420	925	21	228	59	1219	479	2144
6:00	106	206			24	205				
6:15	103	167			31	156				
6:30	129	180			50	146				
6:45	162	140	500	693	57	117	162	624	662	1317
7:00	170	128			73	92				
7:15	172	127			98	86				
7:30	220	102			145	92				
7:45	258	105	820	462	149	69	465	339	1285	801
8:00	273	81			169	80				
8:15	259	91			184	80				
8:30	265	60			164	59				
8:45	248	54	1045	286	172	55	689	274	1734	560
9:00	266	59			132	45				
9:15	226	43			131	32				
9:30	207	25			111	20				
9:45	222	23	921	150	101	16	475	113	1396	263
10:00	168	27			91	24				
10:15	180	11			94	23				
10:30	157	17			107	19				
10:45	145	14	650	69	105	12	397	78	1047	147
11:00	171	9			137	20				
11:15	159	13			103	12				
11:30	181	13			136	8				
11:45	173	13	684	48	122	9	498	49	1182	97
Totals	5390	6399			2826	6780				
Combined Totals		11789				9606				
ADT										21395
AM Peak Hour	745	AM			800	AM				
Volume	1055				689					
P.H.F.	0.966				0.936					
PM Peak Hour		500	PM			430	PM			
Volume		925				1305				
P.H.F.		0.900				0.856				
Percentage	45.7%	54.3%			29.4%	70.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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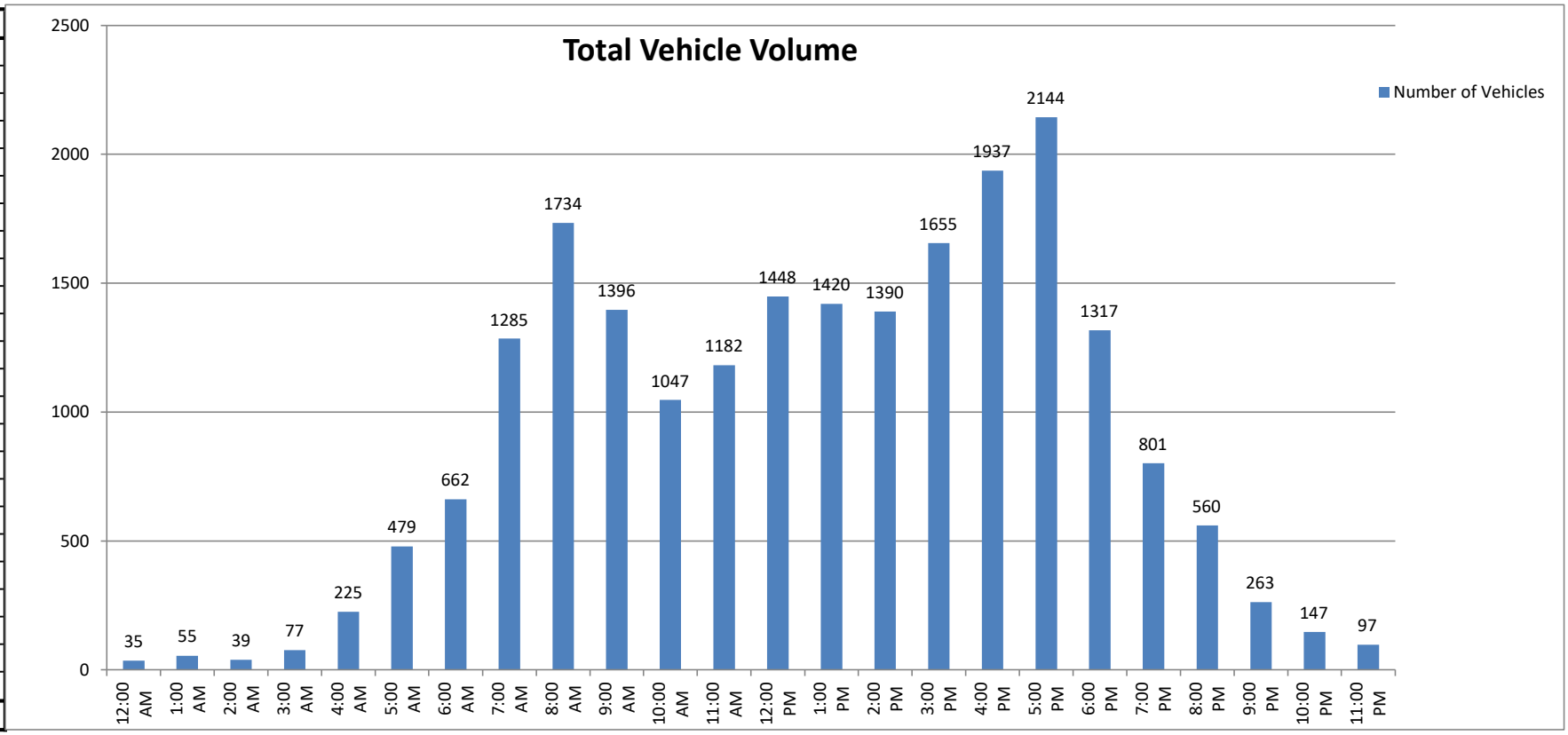
24 Hour Volume Plot

Barranca Parkway
B/ Interstate 5 - Technology Drive

4/17/2024

Start Time	4/17/2024
12:00 AM	35
1:00 AM	55
2:00 AM	39
3:00 AM	77
4:00 AM	225
5:00 AM	479
6:00 AM	662
7:00 AM	1285
8:00 AM	1734
9:00 AM	1396
10:00 AM	1047
11:00 AM	1182
12:00 PM	1448
1:00 PM	1420
2:00 PM	1390
3:00 PM	1655
4:00 PM	1937
5:00 PM	2144
6:00 PM	1317
7:00 PM	801
8:00 PM	560
9:00 PM	263
10:00 PM	147
11:00 PM	97
Total	21395



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Interstate 5 - Technology Drive

File Name 80
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	180			8	191				
12:15	2	219			4	166				
12:30	5	197			6	161				
12:45	5	186	17	781	2	154	19	671	36	1451
1:00	2	214			5	128				
1:15	4	208			5	167				
1:30	12	175			5	192				
1:45	10	158	28	754	7	179	21	665	49	1419
2:00	4	189			7	152				
2:15	3	156			2	144				
2:30	3	166			3	208				
2:45	14	166	23	676	4	205	15	707	38	1383
3:00	6	168			4	214				
3:15	14	155			4	207				
3:30	15	220			6	252				
3:45	33	201	68	743	3	246	17	918	85	1661
4:00	22	173			5	303				
4:15	34	186			5	289				
4:30	61	184			2	322				
4:45	91	212	208	755	8	280	19	1193	226	1948
5:00	52	245			7	391				
5:15	88	241			11	337				
5:30	128	220			19	274				
5:45	156	234	423	940	22	226	58	1227	481	2167
6:00	111	191			28	216				
6:15	103	183			36	175				
6:30	123	159			47	151				
6:45	177	146	513	679	57	109	167	650	680	1329
7:00	177	121			69	98				
7:15	172	123			95	88				
7:30	211	100			144	97				
7:45	260	104	819	447	150	72	457	354	1276	801
8:00	283	79			188	77				
8:15	259	82			197	76				
8:30	283	56			170	51				
8:45	260	51	1084	267	156	54	709	257	1793	524
9:00	259	45			137	47				
9:15	223	41			124	30				
9:30	210	26			105	24				
9:45	204	25	895	137	114	18	479	118	1374	255
10:00	181	27			90	23				
10:15	172	15			94	23				
10:30	168	16			102	18				
10:45	159	17	679	74	111	13	396	76	1075	150
11:00	173	13			113	16				
11:15	164	12			104	15				
11:30	182	12			130	9				
11:45	171	11	689	48	130	12	477	52	1165	99
Totals	5444	6299			2833	6886				
Combined Totals		11742				9719				
ADT										21461
AM Peak Hour	800	AM			800	AM				
Volume	1084				709					
P.H.F.	0.958				0.902					
PM Peak Hour		500	PM			430	PM			
Volume		940				1329				
P.H.F.		0.959				0.850				
Percentage	46.4%	53.6%			29.2%	70.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Irvine Center Drive - Interstate 5

File Name 79
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	171			7	171				
12:15	3	207			7	153				
12:30	3	167			4	164				
12:45	1	176	11	721	3	149	21	637	32	1358
1:00	1	186			2	124				
1:15	0	181			3	139				
1:30	3	164			5	158				
1:45	2	135	6	666	4	181	14	602	20	1268
2:00	1	150			10	141				
2:15	0	154			3	125				
2:30	2	138			1	180				
2:45	5	151	8	593	4	191	18	637	26	1230
3:00	2	163			5	185				
3:15	6	136			3	196				
3:30	4	176			3	238				
3:45	11	174	23	649	4	249	15	868	38	1517
4:00	11	155			3	249				
4:15	10	155			2	266				
4:30	21	178			2	320				
4:45	34	179	76	667	6	262	13	1097	89	1764
5:00	30	224			7	365				
5:15	44	239			9	322				
5:30	69	197			21	257				
5:45	84	215	227	875	26	210	63	1154	290	2029
6:00	64	166			32	208				
6:15	59	169			42	181				
6:30	90	130			39	132				
6:45	152	133	365	598	70	101	183	622	548	1220
7:00	147	93			66	94				
7:15	149	115			90	79				
7:30	157	92			133	96				
7:45	222	88	675	388	143	66	432	335	1107	723
8:00	230	73			198	76				
8:15	205	63			192	67				
8:30	264	43			181	40				
8:45	237	39	936	218	144	54	715	237	1651	455
9:00	204	24			132	42				
9:15	197	30			126	25				
9:30	189	19			102	21				
9:45	177	23	767	96	125	21	485	109	1252	205
10:00	168	23			88	21				
10:15	144	17			89	19				
10:30	161	10			98	15				
10:45	166	14	639	64	115	9	390	64	1029	128
11:00	163	12			83	9				
11:15	150	7			97	13				
11:30	176	9			120	8				
11:45	154	5	643	33	122	13	422	43	1065	76
Totals	4376	5568			2771	6405				
Combined Totals		9944				9176				
ADT										19120
AM Peak Hour	800	AM			800	AM				
Volume	936				715					
P.H.F.	0.886				0.903					
PM Peak Hour		500	PM			430	PM			
Volume		875				1269				
P.H.F.		0.915				0.869				
Percentage	44.0%	56.0%			30.2%	69.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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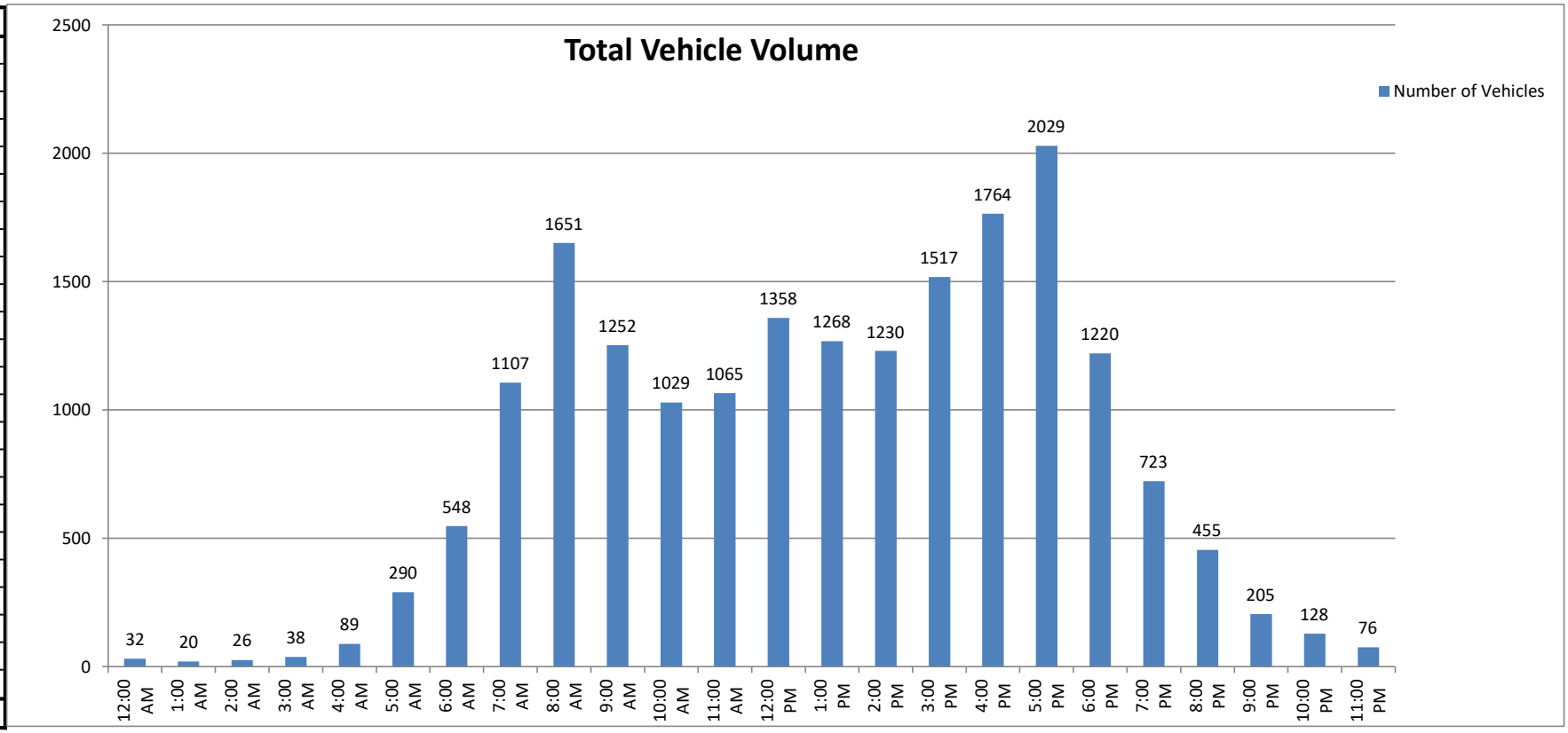
24 Hour Volume Plot

Barranca Parkway
B/ Irvine Center Drive - Interstate 5

4/16/2024

Start Time	4/16/2024
12:00 AM	32
1:00 AM	20
2:00 AM	26
3:00 AM	38
4:00 AM	89
5:00 AM	290
6:00 AM	548
7:00 AM	1107
8:00 AM	1651
9:00 AM	1252
10:00 AM	1029
11:00 AM	1065
12:00 PM	1358
1:00 PM	1268
2:00 PM	1230
3:00 PM	1517
4:00 PM	1764
5:00 PM	2029
6:00 PM	1220
7:00 PM	723
8:00 PM	455
9:00 PM	205
10:00 PM	128
11:00 PM	76
Total	19120



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Irvine Center Drive - Interstate 5

File Name 79
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	164			5	186				
12:15	1	181			3	159				
12:30	3	189			6	138				
12:45	4	182	13	716	1	146	15	629	28	1345
1:00	1	176			5	125				
1:15	1	203			4	160				
1:30	4	140			6	165				
1:45	2	174	8	693	6	150	21	600	29	1293
2:00	4	176			3	133				
2:15	3	123			3	128				
2:30	5	169			3	187				
2:45	4	143	16	611	3	171	12	619	28	1230
3:00	3	162			2	205				
3:15	6	161			3	168				
3:30	10	192			1	236				
3:45	11	178	30	693	2	197	8	806	38	1499
4:00	7	158			4	262				
4:15	15	169			2	271				
4:30	25	166			1	259				
4:45	35	193	82	686	9	270	16	1062	98	1748
5:00	29	245			8	345				
5:15	48	213			13	317				
5:30	70	186			15	257				
5:45	92	213	239	857	22	216	58	1135	297	1992
6:00	62	186			22	191				
6:15	74	150			31	143				
6:30	90	156			48	137				
6:45	133	127	359	619	53	114	154	585	513	1204
7:00	141	121			70	83				
7:15	142	113			98	88				
7:30	177	94			137	73				
7:45	217	88	677	416	130	62	435	306	1112	722
8:00	197	68			167	66				
8:15	210	67			180	73				
8:30	236	53			157	55				
8:45	242	50	885	238	179	48	683	242	1568	480
9:00	226	54			132	41				
9:15	203	34			132	31				
9:30	190	23			106	20				
9:45	191	13	810	124	108	18	478	110	1288	234
10:00	154	21			84	23				
10:15	160	7			96	16				
10:30	144	14			101	15				
10:45	133	10	591	52	103	11	384	65	975	117
11:00	156	6			119	15				
11:15	152	8			108	11				
11:30	164	8			128	6				
11:45	179	11	651	33	119	7	474	39	1125	72
Totals	4361	5738			2738	6198				
Combined Totals		10099				8936				
ADT										19035
AM Peak Hour	815	AM			800	AM				
Volume	914				683					
P.H.F.	0.944				0.949					
PM Peak Hour		500	PM			430	PM			
Volume		857				1191				
P.H.F.		0.874				0.863				
Percentage	43.2%	56.8%			30.6%	69.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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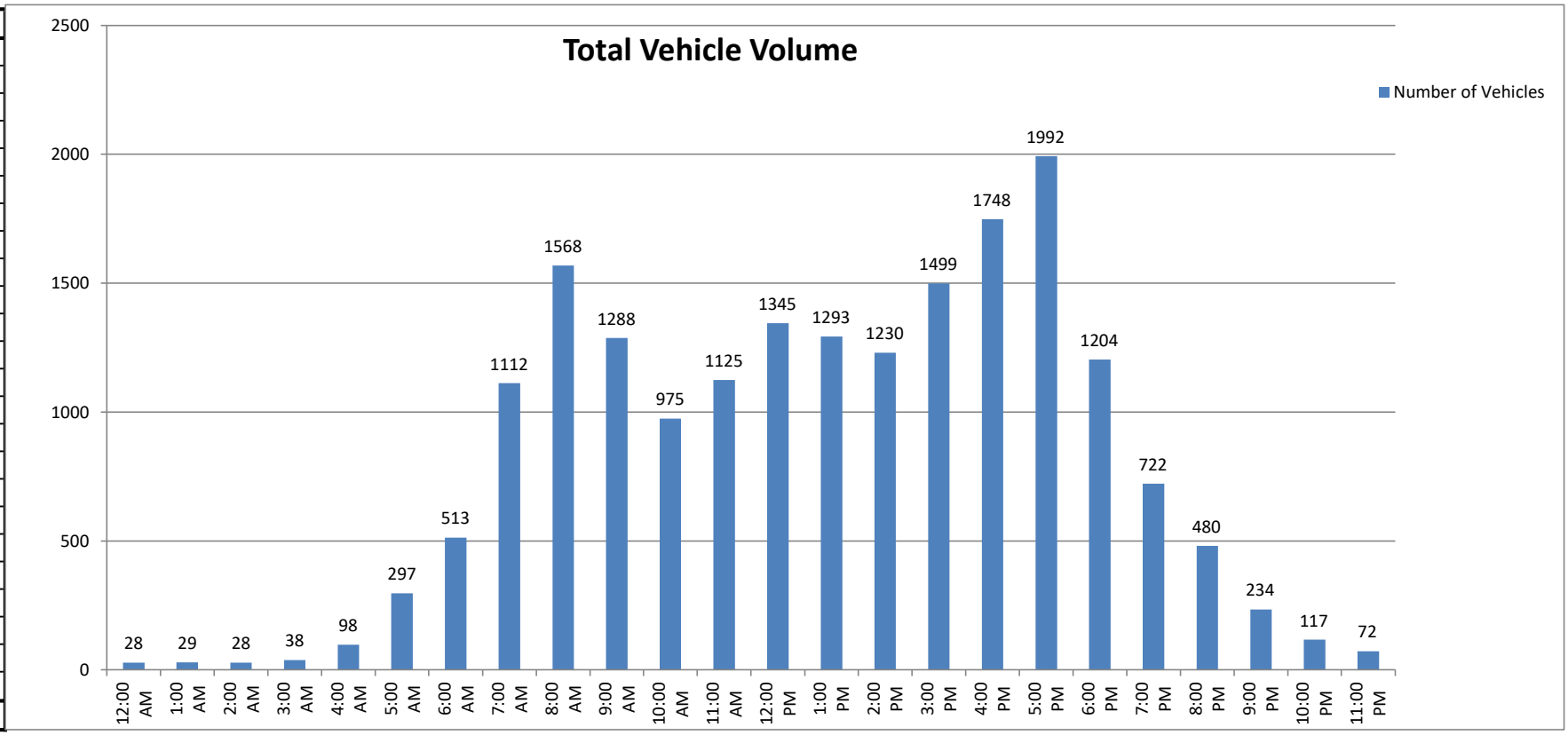
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Irvine Center Drive - Interstate 5

4/17/2024

Start Time	4/17/2024
12:00 AM	28
1:00 AM	29
2:00 AM	28
3:00 AM	38
4:00 AM	98
5:00 AM	297
6:00 AM	513
7:00 AM	1112
8:00 AM	1568
9:00 AM	1288
10:00 AM	975
11:00 AM	1125
12:00 PM	1345
1:00 PM	1293
2:00 PM	1230
3:00 PM	1499
4:00 PM	1748
5:00 PM	1992
6:00 PM	1204
7:00 PM	722
8:00 PM	480
9:00 PM	234
10:00 PM	117
11:00 PM	72
Total	19035



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Irvine Center Drive - Interstate 5

File Name 79
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	168			6	179				
12:15	2	194			5	156				
12:30	3	178			5	151				
12:45	3	179	12	719	2	148	18	633	30	1352
1:00	1	181			4	125				
1:15	1	192			4	150				
1:30	4	152			6	162				
1:45	2	155	7	680	5	166	18	601	25	1281
2:00	3	163			7	137				
2:15	2	139			3	127				
2:30	4	154			2	184				
2:45	5	147	12	602	4	181	15	628	27	1230
3:00	3	163			4	195				
3:15	6	149			3	182				
3:30	7	184			2	237				
3:45	11	176	27	671	3	223	12	837	38	1508
4:00	9	157			4	256				
4:15	13	162			2	269				
4:30	23	172			2	290				
4:45	35	186	79	677	8	266	15	1080	94	1756
5:00	30	235			8	355				
5:15	46	226			11	320				
5:30	70	192			18	257				
5:45	88	214	233	866	24	213	61	1145	294	2011
6:00	63	176			27	200				
6:15	67	160			37	162				
6:30	90	143			44	135				
6:45	143	130	362	609	62	108	169	604	531	1212
7:00	144	107			68	89				
7:15	146	114			94	84				
7:30	167	93			135	85				
7:45	220	88	676	402	137	64	434	321	1110	723
8:00	214	71			183	71				
8:15	208	65			186	70				
8:30	250	48			169	48				
8:45	240	45	911	228	162	51	699	240	1610	468
9:00	215	39			132	42				
9:15	200	32			129	28				
9:30	190	21			104	21				
9:45	184	18	789	110	117	20	482	110	1270	220
10:00	161	22			86	22				
10:15	152	12			93	18				
10:30	153	12			100	15				
10:45	150	12	615	58	109	10	387	65	1002	123
11:00	160	9			101	12				
11:15	151	8			103	12				
11:30	170	9			124	7				
11:45	167	8	647	33	121	10	448	41	1095	74
Totals	4369	5653			2755	6302				
Combined Totals		10022				9056				
ADT										19078
AM Peak Hour	815	AM			800	AM				
Volume	912				699					
P.H.F.	0.912				0.940					
PM Peak Hour		500	PM			430	PM			
Volume		866				1230				
P.H.F.		0.923				0.866				
Percentage	43.6%	56.4%			30.4%	69.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Barranca Parkway
B/ Jeffrey Road - Valley Oak

File Name 71
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	101			5	105				
12:15	2	118			7	112				
12:30	3	110			5	102				
12:45	2	109	11	438	6	96	23	415	34	853
1:00	2	102			4	91				
1:15	0	103			4	94				
1:30	2	111			2	85				
1:45	3	101	7	417	4	112	14	382	21	799
2:00	1	94			5	84				
2:15	2	117			1	110				
2:30	1	114			3	115				
2:45	2	110	6	435	1	150	10	459	16	894
3:00	2	84			4	133				
3:15	2	135			4	118				
3:30	4	110			1	127				
3:45	3	112	11	441	2	160	11	538	22	979
4:00	5	121			1	175				
4:15	2	118			4	169				
4:30	12	127			3	206				
4:45	10	125	29	491	6	182	14	732	43	1223
5:00	11	142			2	240				
5:15	9	130			8	280				
5:30	14	155			12	264				
5:45	16	133	50	560	9	206	31	990	81	1550
6:00	11	112			24	169				
6:15	32	118			15	129				
6:30	41	88			24	92				
6:45	42	80	126	398	24	84	87	474	213	872
7:00	44	101			52	64				
7:15	69	63			57	72				
7:30	81	69			90	55				
7:45	116	60	310	293	150	58	349	249	659	542
8:00	127	63			168	54				
8:15	162	51			192	50				
8:30	194	53			203	32				
8:45	122	36	605	203	179	29	742	165	1347	368
9:00	129	31			121	36				
9:15	109	34			116	25				
9:30	110	42			88	22				
9:45	100	34	448	141	96	19	421	102	869	243
10:00	75	27			88	22				
10:15	85	20			76	13				
10:30	83	11			95	16				
10:45	108	14	351	72	101	9	360	60	711	132
11:00	92	10			112	7				
11:15	103	9			82	13				
11:30	91	9			84	10				
11:45	97	5	383	33	95	3	373	33	756	66
Totals	2337	3922			2435	4599				
Combined Totals		6259				7034				
ADT										13293
AM Peak Hour	815	AM			800	AM				
Volume	607				742					
P.H.F.	0.782				0.914					
PM Peak Hour		500	PM			500	PM			
Volume		560				990				
P.H.F.		0.903				0.884				
Percentage	37.3%	62.7%			34.6%	65.4%				

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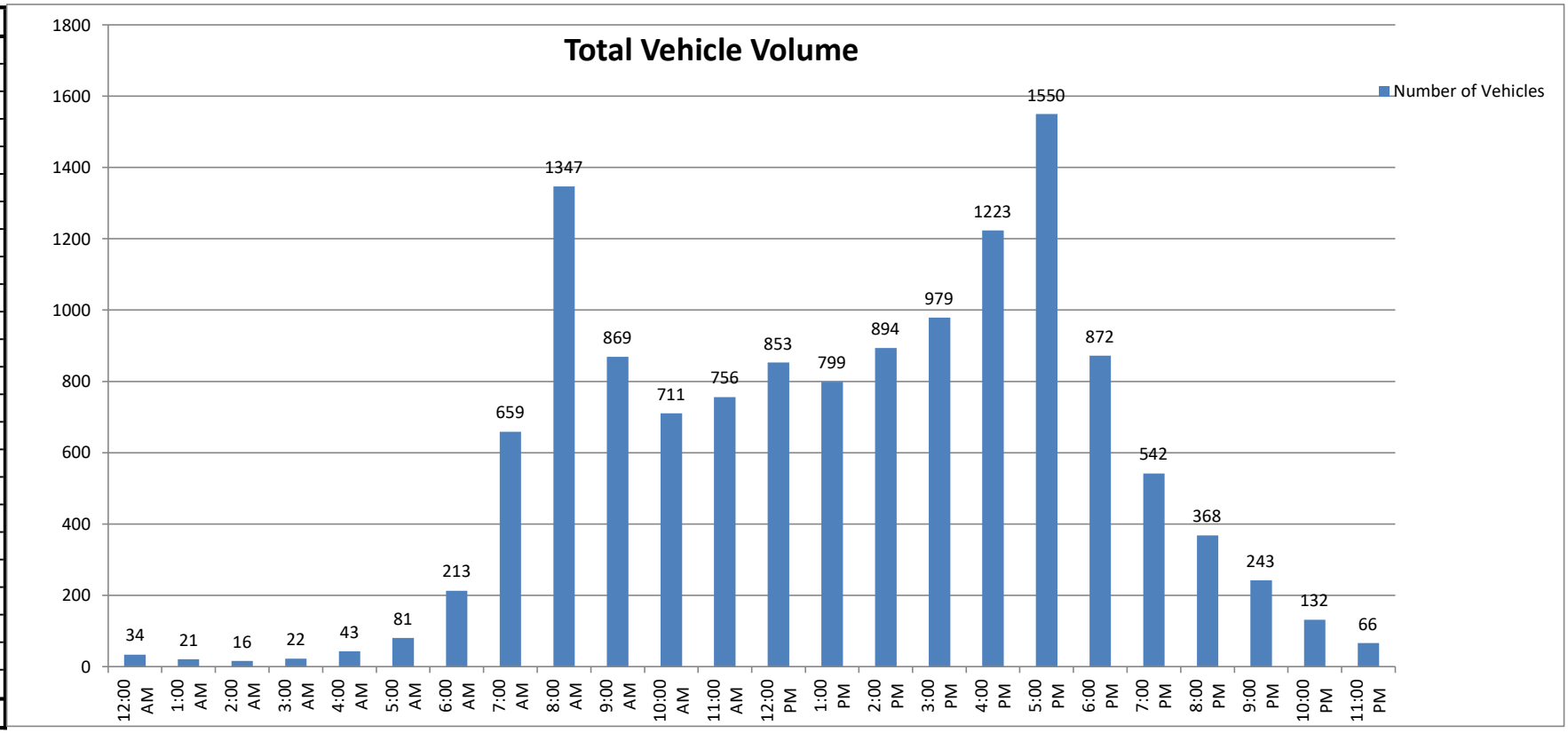
24 Hour Volume Plot

Barranca Parkway
B/ Jeffrey Road - Valley Oak

4/16/2024

Start Time	4/16/2024
12:00 AM	34
1:00 AM	21
2:00 AM	16
3:00 AM	22
4:00 AM	43
5:00 AM	81
6:00 AM	213
7:00 AM	659
8:00 AM	1347
9:00 AM	869
10:00 AM	711
11:00 AM	756
12:00 PM	853
1:00 PM	799
2:00 PM	894
3:00 PM	979
4:00 PM	1223
5:00 PM	1550
6:00 PM	872
7:00 PM	542
8:00 PM	368
9:00 PM	243
10:00 PM	132
11:00 PM	66
Total	13293



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Jeffrey Road - Valley Oak

File Name 71
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	85			6	105				
12:15	5	114			5	108				
12:30	5	122			2	77				
12:45	3	115	16	436	3	103	16	393	32	829
1:00	1	102			1	91				
1:15	1	120			3	96				
1:30	0	114			5	92				
1:45	1	94	3	430	3	104	12	383	15	813
2:00	1	91			2	83				
2:15	2	106			1	92				
2:30	0	94			0	116				
2:45	4	112	7	403	1	136	4	427	11	830
3:00	0	89			1	117				
3:15	0	168			2	111				
3:30	1	108			0	138				
3:45	3	111	4	476	1	161	4	527	8	1003
4:00	1	96			2	151				
4:15	1	121			2	187				
4:30	13	122			3	193				
4:45	8	116	23	455	5	178	12	709	35	1164
5:00	7	124			5	214				
5:15	12	147			5	266				
5:30	18	128			11	179				
5:45	19	135	56	534	11	169	32	828	88	1362
6:00	13	127			18	127				
6:15	18	110			27	124				
6:30	29	91			24	85				
6:45	38	86	98	414	37	68	106	404	204	818
7:00	44	81			43	60				
7:15	71	79			69	63				
7:30	77	65			99	50				
7:45	113	67	305	292	136	50	347	223	652	515
8:00	130	48			134	52				
8:15	140	52			162	50				
8:30	128	37			197	31				
8:45	154	49	552	186	198	39	691	172	1243	358
9:00	153	47			146	40				
9:15	127	35			128	29				
9:30	124	37			88	24				
9:45	119	29	523	148	96	20	458	113	981	261
10:00	93	19			68	17				
10:15	77	18			93	16				
10:30	82	17			93	11				
10:45	82	11	334	65	90	9	344	53	678	118
11:00	77	8			93	4				
11:15	84	8			74	6				
11:30	81	5			90	11				
11:45	108	6	350	27	86	6	343	27	693	54
Totals	2271	3866			2369	4259				
Combined Totals		6137				6628				
ADT										12765
AM Peak Hour	815	AM			815	AM				
Volume	575				703					
P.H.F.	0.933				0.888					
PM Peak Hour		515	PM			430	PM			
Volume		537				851				
P.H.F.		0.913				0.800				
Percentage	37.0%	63.0%			35.7%	64.3%				

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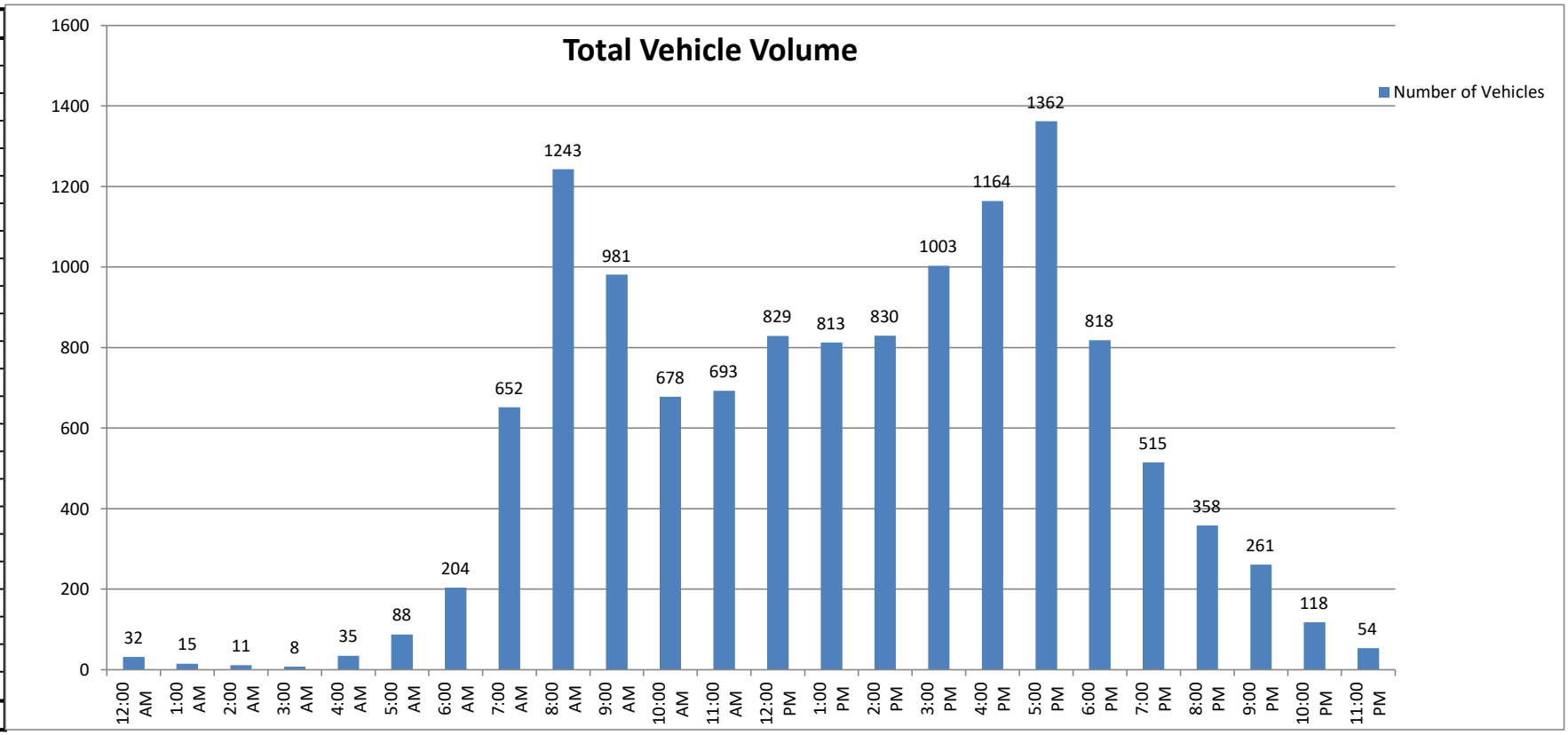
24 Hour Volume Plot

Barranca Parkway
B/ Jeffrey Road - Valley Oak

4/17/2024

Start Time	4/17/2024
12:00 AM	32
1:00 AM	15
2:00 AM	11
3:00 AM	8
4:00 AM	35
5:00 AM	88
6:00 AM	204
7:00 AM	652
8:00 AM	1243
9:00 AM	981
10:00 AM	678
11:00 AM	693
12:00 PM	829
1:00 PM	813
2:00 PM	830
3:00 PM	1003
4:00 PM	1164
5:00 PM	1362
6:00 PM	818
7:00 PM	515
8:00 PM	358
9:00 PM	261
10:00 PM	118
11:00 PM	54
Total	12765



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Jeffrey Road - Valley Oak

File Name 71
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	93			6	105				
12:15	4	116			6	110				
12:30	4	116			4	90				
12:45	3	112	14	437	5	100	20	404	33	841
1:00	2	102			3	91				
1:15	1	112			4	95				
1:30	1	113			4	89				
1:45	2	98	5	424	4	108	13	383	18	806
2:00	1	93			4	84				
2:15	2	112			1	101				
2:30	1	104			2	116				
2:45	3	111	7	419	1	143	7	443	14	862
3:00	1	87			3	125				
3:15	1	152			3	115				
3:30	3	109			1	133				
3:45	3	112	8	459	2	161	8	533	15	991
4:00	3	109			2	163				
4:15	2	120			3	178				
4:30	13	125			3	200				
4:45	9	121	26	473	6	180	13	721	39	1194
5:00	9	133			4	227				
5:15	11	139			7	273				
5:30	16	142			12	222				
5:45	18	134	53	547	10	188	32	909	85	1456
6:00	12	120			21	148				
6:15	25	114			21	127				
6:30	35	90			24	89				
6:45	40	83	112	406	31	76	97	439	209	845
7:00	44	91			48	62				
7:15	70	71			63	68				
7:30	79	67			95	53				
7:45	115	64	308	293	143	54	348	236	656	529
8:00	129	56			151	53				
8:15	151	52			177	50				
8:30	161	45			200	32				
8:45	138	43	579	195	189	34	717	169	1295	363
9:00	141	39			134	38				
9:15	118	35			122	27				
9:30	117	40			88	23				
9:45	110	32	486	145	96	20	440	108	925	252
10:00	84	23			78	20				
10:15	81	19			85	15				
10:30	83	14			94	14				
10:45	95	13	343	69	96	9	352	57	695	125
11:00	85	9			103	6				
11:15	94	9			78	10				
11:30	86	7			87	11				
11:45	103	6	367	30	91	5	358	30	725	60
Totals	2304	3894			2402	4429				
Combined Totals		6198				6831				
ADT										13029
AM Peak Hour	815	AM			800	AM				
Volume	591				717					
P.H.F.	0.918				0.896					
PM Peak Hour		500	PM			500	PM			
Volume		547				909				
P.H.F.		0.966				0.832				
Percentage	37.2%	62.8%			35.2%	64.8%				

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City of Irvine
Barranca Parkway
B/ Laguna Canyon Road - FedEx Driveway

File Name 74
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	97			2	78				
12:15	6	86			4	90				
12:30	2	79			1	70				
12:45	3	84	15	346	4	74	11	312	26	658
1:00	0	69			2	48				
1:15	0	68			0	72				
1:30	2	77			1	66				
1:45	1	73	3	287	4	77	7	263	10	550
2:00	8	83			2	58				
2:15	2	75			2	74				
2:30	3	90			5	70				
2:45	2	79	15	327	6	87	15	289	30	616
3:00	7	73			3	59				
3:15	0	88			6	88				
3:30	5	101			8	77				
3:45	7	90	19	352	1	91	18	315	37	667
4:00	8	96			9	105				
4:15	3	102			12	132				
4:30	10	93			6	122				
4:45	9	106	30	397	16	134	43	493	73	890
5:00	5	139			12	132				
5:15	12	133			30	202				
5:30	16	120			44	168				
5:45	25	133	58	525	51	149	137	651	195	1176
6:00	24	112			47	121				
6:15	23	115			32	99				
6:30	34	81			32	44				
6:45	54	82	135	390	44	57	155	321	290	711
7:00	36	85			35	50				
7:15	51	82			75	46				
7:30	62	67			97	36				
7:45	70	54	219	288	135	42	342	174	561	462
8:00	70	38			187	30				
8:15	84	36			189	33				
8:30	98	34			168	21				
8:45	85	24	337	132	164	20	708	104	1045	236
9:00	90	14			109	21				
9:15	91	20			132	8				
9:30	90	19			116	9				
9:45	75	20	346	73	109	14	466	52	812	125
10:00	61	20			87	11				
10:15	57	8			64	9				
10:30	81	12			66	9				
10:45	61	8	260	48	59	6	276	35	536	83
11:00	68	11			54	3				
11:15	72	9			59	8				
11:30	74	2			63	6				
11:45	75	3	289	25	69	1	245	18	534	43
Totals	1726	3190			2423	3027				
Combined Totals		4916				5450				
ADT										10366
AM Peak Hour	830 AM				800 AM					
Volume	364				708					
P.H.F.	0.929				0.937					
PM Peak Hour		500 PM				500 PM				
Volume		525				651				
P.H.F.		0.944				0.806				
Percentage	35.1%	64.9%			44.5%	55.5%				

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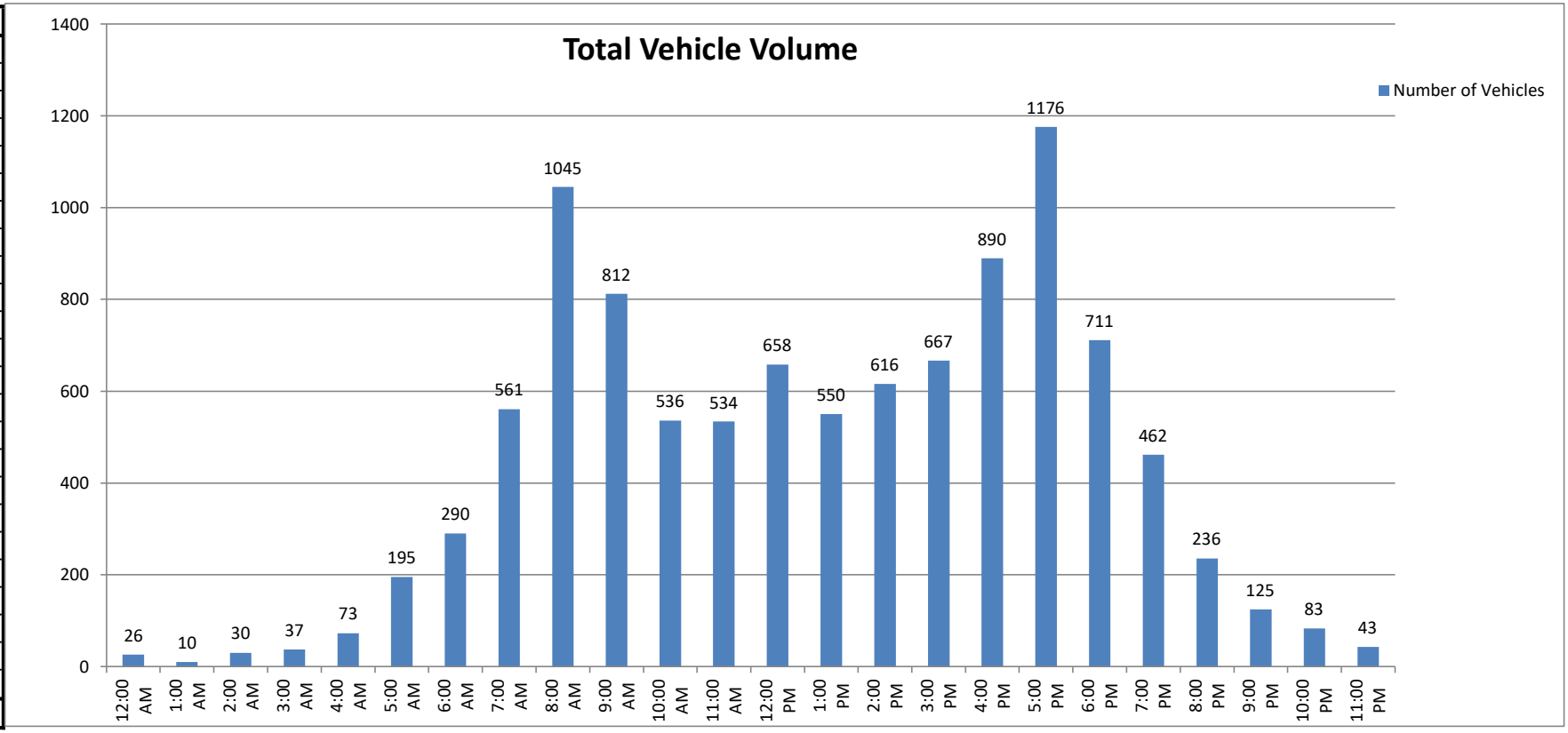
24 Hour Volume Plot

Barranca Parkway
B/ Laguna Canyon Road - FedEx Driveway

4/16/2024

Start Time	4/16/2024
12:00 AM	26
1:00 AM	10
2:00 AM	30
3:00 AM	37
4:00 AM	73
5:00 AM	195
6:00 AM	290
7:00 AM	561
8:00 AM	1045
9:00 AM	812
10:00 AM	536
11:00 AM	534
12:00 PM	658
1:00 PM	550
2:00 PM	616
3:00 PM	667
4:00 PM	890
5:00 PM	1176
6:00 PM	711
7:00 PM	462
8:00 PM	236
9:00 PM	125
10:00 PM	83
11:00 PM	43
Total	10366



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Laguna Canyon Road - FedEx Driveway

File Name 74
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	82			4	69				
12:15	4	76			3	71				
12:30	2	70			2	60				
12:45	1	67	10	295	1	67	10	267	20	562
1:00	1	75			2	61				
1:15	2	85			3	67				
1:30	6	72			4	74				
1:45	1	75	10	307	1	52	10	254	20	561
2:00	1	74			1	62				
2:15	2	78			1	57				
2:30	3	79			5	66				
2:45	5	81	11	312	2	72	9	257	20	569
3:00	6	98			3	70				
3:15	2	99			8	94				
3:30	1	86			2	77				
3:45	2	76	11	359	6	76	19	317	30	676
4:00	18	84			4	91				
4:15	1	93			7	114				
4:30	12	115			4	121				
4:45	13	121	44	413	20	116	35	442	79	855
5:00	4	127			13	139				
5:15	8	135			32	160				
5:30	18	119			40	162				
5:45	22	111	52	492	60	138	145	599	197	1091
6:00	22	135			44	91				
6:15	30	128			26	85				
6:30	23	93			47	52				
6:45	42	103	117	459	33	56	150	284	267	743
7:00	26	87			55	36				
7:15	46	85			78	42				
7:30	43	60			88	33				
7:45	76	64	191	296	142	32	363	143	554	439
8:00	78	55			139	32				
8:15	71	46			168	46				
8:30	84	25			171	22				
8:45	103	33	336	159	191	35	669	135	1005	294
9:00	86	30			126	33				
9:15	83	14			130	20				
9:30	72	22			104	17				
9:45	95	23	336	89	111	12	471	82	807	171
10:00	62	21			78	15				
10:15	77	9			63	14				
10:30	62	16			55	13				
10:45	50	7	251	53	74	5	270	47	521	100
11:00	55	5			45	6				
11:15	65	5			62	8				
11:30	85	6			69	3				
11:45	74	5	279	21	58	5	234	22	513	43
Totals	1648	3255			2385	2849				
Combined Totals		4903				5234				
ADT										10137
AM Peak Hour	830	AM			800	AM				
Volume	356				669					
P.H.F.	0.864				0.876					
PM Peak Hour		445	PM			500	PM			
Volume		502				599				
P.H.F.		0.930				0.924				
Percentage	33.6%	66.4%			45.6%	54.4%				

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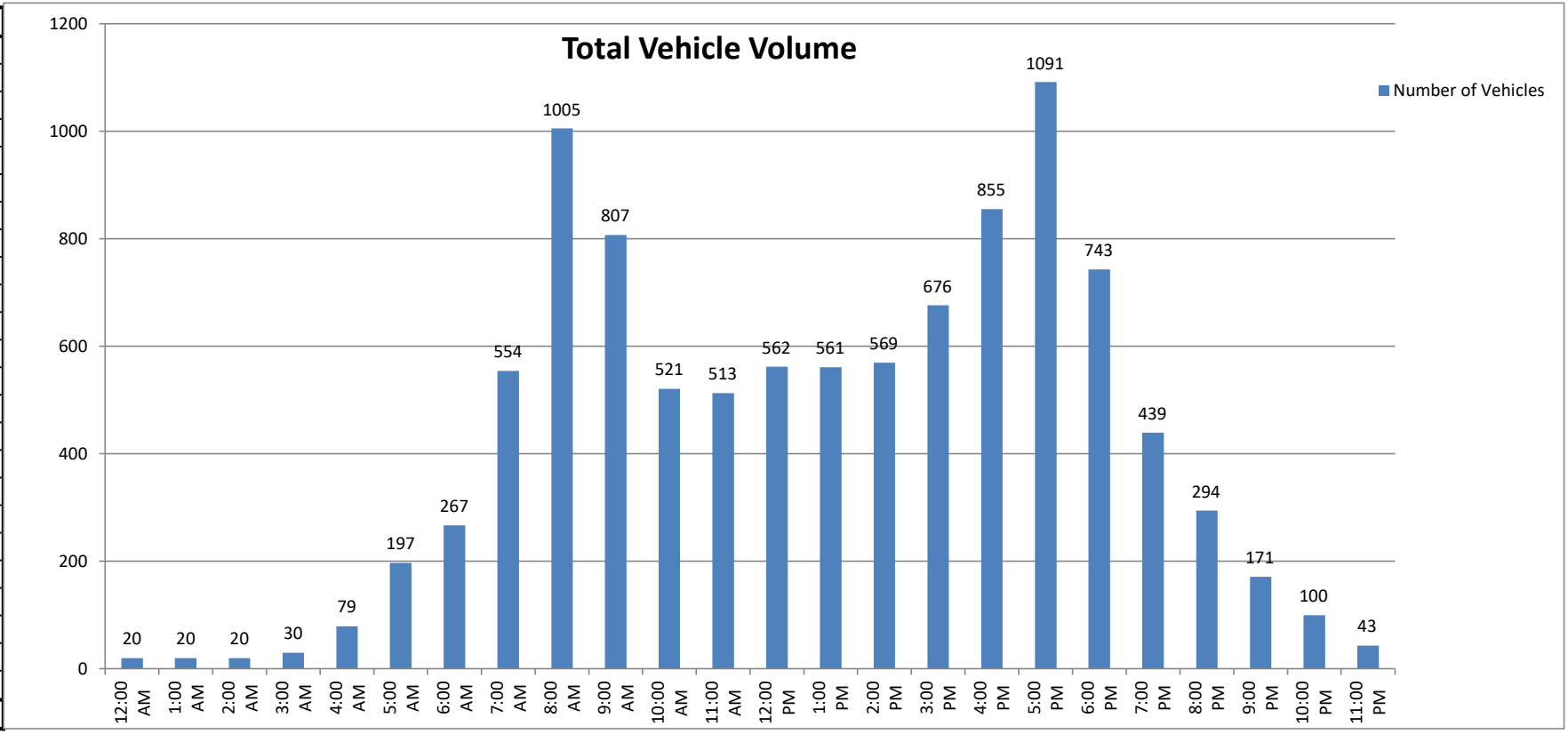
24 Hour Volume Plot

Barranca Parkway
B/ Laguna Canyon Road - FedEx Driveway

4/17/2024

Start Time	4/17/2024
12:00 AM	20
1:00 AM	20
2:00 AM	20
3:00 AM	30
4:00 AM	79
5:00 AM	197
6:00 AM	267
7:00 AM	554
8:00 AM	1005
9:00 AM	807
10:00 AM	521
11:00 AM	513
12:00 PM	562
1:00 PM	561
2:00 PM	569
3:00 PM	676
4:00 PM	855
5:00 PM	1091
6:00 PM	743
7:00 PM	439
8:00 PM	294
9:00 PM	171
10:00 PM	100
11:00 PM	43
Total	10137



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Laguna Canyon Road - FedEx Driveway

File Name 74
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	90			3	74				
12:15	5	81			4	81				
12:30	2	75			2	65				
12:45	2	76	13	321	3	71	11	290	23	610
1:00	1	72			2	55				
1:15	1	77			2	70				
1:30	4	75			3	70				
1:45	1	74	7	297	3	65	9	259	15	556
2:00	5	79			2	60				
2:15	2	77			2	66				
2:30	3	85			5	68				
2:45	4	80	13	320	4	80	12	273	25	593
3:00	7	86			3	65				
3:15	1	94			7	91				
3:30	3	94			5	77				
3:45	5	83	15	356	4	84	19	316	34	672
4:00	13	90			7	98				
4:15	2	98			10	123				
4:30	11	104			5	122				
4:45	11	114	37	405	18	125	39	468	76	873
5:00	5	133			13	136				
5:15	10	134			31	181				
5:30	17	120			42	165				
5:45	24	122	55	509	56	144	141	625	196	1134
6:00	23	124			46	106				
6:15	27	122			29	92				
6:30	29	87			40	48				
6:45	48	93	126	425	39	57	153	303	279	727
7:00	31	86			45	43				
7:15	49	84			77	44				
7:30	53	64			93	35				
7:45	73	59	205	292	139	37	353	159	558	451
8:00	74	47			163	31				
8:15	78	41			179	40				
8:30	91	30			170	22				
8:45	94	29	337	146	178	28	689	120	1025	265
9:00	88	22			118	27				
9:15	87	17			131	14				
9:30	81	21			110	13				
9:45	85	22	341	81	110	13	469	67	810	148
10:00	62	21			83	13				
10:15	67	9			64	12				
10:30	72	14			61	11				
10:45	56	8	256	51	67	6	273	41	529	92
11:00	62	8			50	5				
11:15	69	7			61	8				
11:30	80	4			66	5				
11:45	75	4	284	23	64	3	240	20	524	43
Totals	1687	3223			2404	2938				
Combined Totals		4910				5342				
ADT										10252
AM Peak Hour	830	AM			800	AM				
Volume	360				689					
P.H.F.	0.957				0.964					
PM Peak Hour		500	PM			500	PM			
Volume		509				625				
P.H.F.		0.949				0.863				
Percentage	34.4%	65.6%			45.0%	55.0%				

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City of Irvine
Barranca Parkway
B/ Lake Road - Creek Road

File Name 67
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	235			9	170				
12:15	8	248			9	176				
12:30	6	228			12	170				
12:45	6	235	32	946	2	147	32	663	64	1609
1:00	3	186			5	166				
1:15	6	197			3	147				
1:30	2	215			5	160				
1:45	7	234	18	832	3	194	16	667	34	1499
2:00	0	236			1	170				
2:15	3	330			3	194				
2:30	0	311			5	203				
2:45	2	272	5	1149	1	239	10	806	15	1955
3:00	2	274			1	208				
3:15	0	267			4	208				
3:30	3	290			4	191				
3:45	5	311	10	1142	5	229	14	836	24	1978
4:00	2	284			8	227				
4:15	3	292			2	224				
4:30	11	272			2	220				
4:45	10	274	26	1122	11	253	23	924	49	2046
5:00	17	298			7	270				
5:15	16	333			8	223				
5:30	31	318			20	217				
5:45	40	287	104	1236	9	247	44	957	148	2193
6:00	17	305			31	194				
6:15	39	274			29	186				
6:30	62	225			38	129				
6:45	55	170	173	974	36	120	134	629	307	1603
7:00	100	254			64	115				
7:15	145	165			106	95				
7:30	159	171			101	83				
7:45	210	160	614	750	148	110	419	403	1033	1153
8:00	247	156			220	74				
8:15	357	168			285	79				
8:30	345	104			214	72				
8:45	289	121	1238	549	208	60	927	285	2165	834
9:00	244	107			181	58				
9:15	216	82			164	40				
9:30	232	96			166	42				
9:45	211	92	903	377	163	28	674	168	1577	545
10:00	183	53			158	41				
10:15	227	39			153	21				
10:30	201	39			144	18				
10:45	238	28	849	159	143	20	598	100	1447	259
11:00	235	32			184	11				
11:15	219	22			170	8				
11:30	230	15			165	11				
11:45	258	20	942	89	181	5	700	35	1642	124
Totals	4914	9325			3591	6473				
Combined Totals		14239				10064				
ADT										24303
AM Peak Hour	800	AM			800	AM				
Volume	1238				927					
P.H.F.	0.867				0.813					
PM Peak Hour		515	PM			415	PM			
Volume		1243				967				
P.H.F.		0.933				0.895				
Percentage	34.5%	65.5%			35.7%	64.3%				

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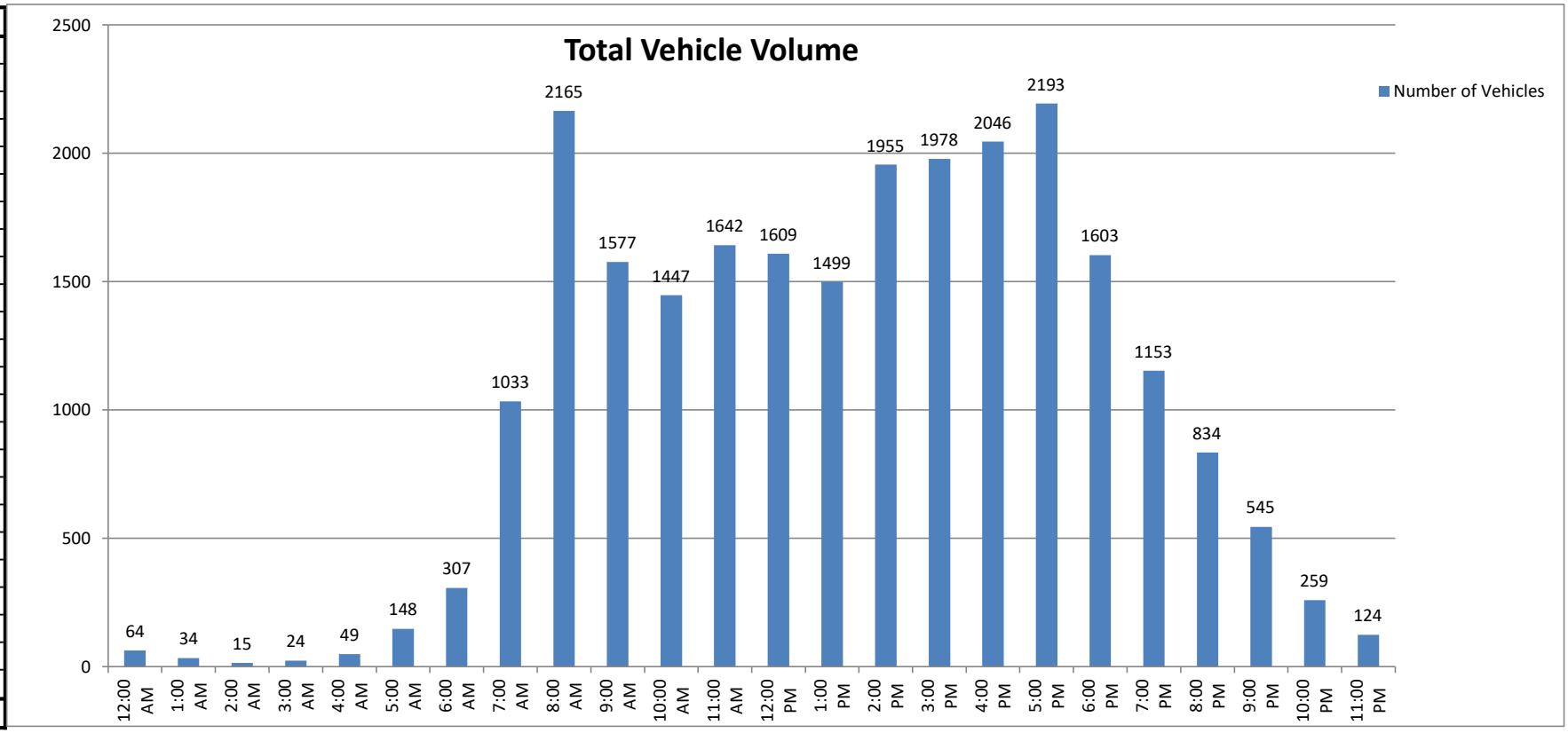
24 Hour Volume Plot

Barranca Parkway
B/ Lake Road - Creek Road

4/16/2024

Start Time	4/16/2024
12:00 AM	64
1:00 AM	34
2:00 AM	15
3:00 AM	24
4:00 AM	49
5:00 AM	148
6:00 AM	307
7:00 AM	1033
8:00 AM	2165
9:00 AM	1577
10:00 AM	1447
11:00 AM	1642
12:00 PM	1609
1:00 PM	1499
2:00 PM	1955
3:00 PM	1978
4:00 PM	2046
5:00 PM	2193
6:00 PM	1603
7:00 PM	1153
8:00 PM	834
9:00 PM	545
10:00 PM	259
11:00 PM	124
Total	24303



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Lake Road - Creek Road

File Name 67
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	261			8	141				
12:15	14	217			15	167				
12:30	14	209			14	149				
12:45	8	291	50	978	13	136	50	593	100	1571
1:00	4	241			4	141				
1:15	2	289			3	130				
1:30	8	232			8	178				
1:45	2	258	16	1020	3	206	18	655	34	1675
2:00	5	210			1	192				
2:15	2	254			1	185				
2:30	5	222			1	171				
2:45	5	197	17	883	2	202	5	750	22	1633
3:00	1	225			2	187				
3:15	3	246			2	187				
3:30	1	225			2	218				
3:45	4	297	9	993	3	206	9	798	18	1791
4:00	3	282			3	206				
4:15	3	292			4	224				
4:30	11	280			4	216				
4:45	8	304	25	1158	7	204	18	850	43	2008
5:00	10	291			12	250				
5:15	25	313			8	225				
5:30	25	303			10	237				
5:45	41	297	101	1204	19	221	49	933	150	2137
6:00	17	241			33	194				
6:15	38	195			28	153				
6:30	36	152			39	151				
6:45	71	188	162	776	52	107	152	605	314	1381
7:00	100	181			53	111				
7:15	175	191			90	94				
7:30	157	169			126	87				
7:45	211	178	643	719	140	75	409	367	1052	1086
8:00	252	157			166	89				
8:15	274	148			200	70				
8:30	260	101			241	43				
8:45	347	101	1133	507	284	89	891	291	2024	798
9:00	295	87			177	60				
9:15	234	60			154	56				
9:30	240	79			172	42				
9:45	255	54	1024	280	151	32	654	190	1678	470
10:00	227	44			124	33				
10:15	219	31			154	30				
10:30	209	25			151	16				
10:45	205	23	860	123	173	18	602	97	1462	220
11:00	197	21			163	19				
11:15	212	18			134	8				
11:30	196	10			148	14				
11:45	230	9	835	58	185	8	630	49	1465	107
Totals	4875	8699			3487	6178				
Combined Totals		13574				9665				
ADT										23239
AM Peak Hour	815	AM			815	AM				
Volume	1176				902					
P.H.F.	0.847				0.794					
PM Peak Hour		445	PM			500	PM			
Volume		1211				933				
P.H.F.		0.967				0.933				
Percentage	35.9%	64.1%			36.1%	63.9%				

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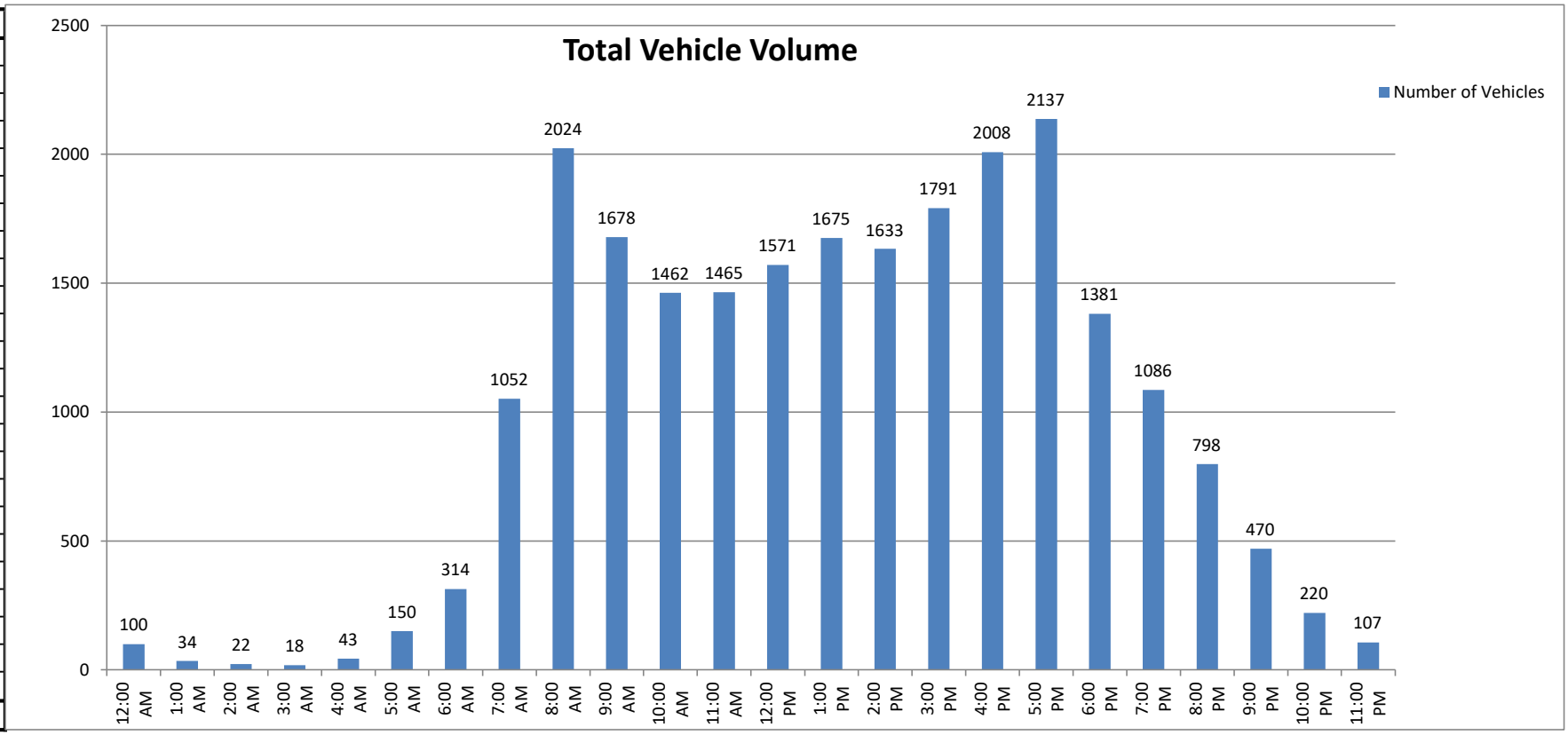
24 Hour Volume Plot

Barranca Parkway
B/ Lake Road - Creek Road

4/17/2024

Start Time	4/17/2024
12:00 AM	100
1:00 AM	34
2:00 AM	22
3:00 AM	18
4:00 AM	43
5:00 AM	150
6:00 AM	314
7:00 AM	1052
8:00 AM	2024
9:00 AM	1678
10:00 AM	1462
11:00 AM	1465
12:00 PM	1571
1:00 PM	1675
2:00 PM	1633
3:00 PM	1791
4:00 PM	2008
5:00 PM	2137
6:00 PM	1381
7:00 PM	1086
8:00 PM	798
9:00 PM	470
10:00 PM	220
11:00 PM	107
Total	23239



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Barranca Parkway
B/ Lake Road - Creek Road

File Name 67
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	248			9	156				
12:15	11	233			12	172				
12:30	10	219			13	160				
12:45	7	263	41	962	8	142	41	628	82	1590
1:00	4	214			5	154				
1:15	4	243			3	139				
1:30	5	224			7	169				
1:45	5	246	17	926	3	200	17	661	34	1587
2:00	3	223			1	181				
2:15	3	292			2	190				
2:30	3	267			3	187				
2:45	4	235	11	1016	2	221	8	778	19	1794
3:00	2	250			2	198				
3:15	2	257			3	198				
3:30	2	258			3	205				
3:45	5	304	10	1068	4	218	12	817	21	1885
4:00	3	283			6	217				
4:15	3	292			3	224				
4:30	11	276			3	218				
4:45	9	289	26	1140	9	229	21	887	46	2027
5:00	14	295			10	260				
5:15	21	323			8	224				
5:30	28	311			15	227				
5:45	41	292	103	1220	14	234	47	945	149	2165
6:00	17	273			32	194				
6:15	39	235			29	170				
6:30	49	189			39	140				
6:45	63	179	168	875	44	114	143	617	311	1492
7:00	100	218			59	113				
7:15	160	178			98	95				
7:30	158	170			114	85				
7:45	211	169	629	735	144	93	414	385	1043	1120
8:00	250	157			193	82				
8:15	316	158			243	75				
8:30	303	103			228	58				
8:45	318	111	1186	528	246	75	909	288	2095	816
9:00	270	97			179	59				
9:15	225	71			159	48				
9:30	236	88			169	42				
9:45	233	73	964	329	157	30	664	179	1628	508
10:00	205	49			141	37				
10:15	223	35			154	26				
10:30	205	32			148	17				
10:45	222	26	855	141	158	19	600	99	1455	240
11:00	216	27			174	15				
11:15	216	20			152	8				
11:30	213	13			157	13				
11:45	244	15	889	74	183	7	665	42	1554	116
Totals	4895	9012			3539	6326				
Combined Totals		13907				9865				
ADT										23771
AM Peak Hour	815	AM			800	AM				
Volume	1206				909					
P.H.F.	0.948				0.924					
PM Peak Hour		500	PM			500	PM			
Volume		1220				945				
P.H.F.		0.944				0.909				
Percentage	35.2%	64.8%			35.9%	64.1%				

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City of Irvine
Barranca Parkway
B/ Lyon - East Yale Loop

File Name 69
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	170			8	169				
12:15	9	194			10	179				
12:30	3	175			12	195				
12:45	7	182	28	721	5	216	35	759	63	1480
1:00	9	179			4	196				
1:15	8	149			0	171				
1:30	2	219			5	195				
1:45	4	177	23	724	4	236	13	798	36	1522
2:00	0	169			1	216				
2:15	2	214			3	210				
2:30	0	236			4	234				
2:45	2	189	4	808	1	295	9	955	13	1763
3:00	2	177			1	224				
3:15	1	212			4	244				
3:30	4	235			4	193				
3:45	5	211	12	835	4	257	13	918	25	1753
4:00	0	243			4	214				
4:15	4	192			2	230				
4:30	12	267			3	198				
4:45	6	208	22	910	11	285	20	927	42	1837
5:00	11	224			7	226				
5:15	12	232			8	248				
5:30	13	240			21	262				
5:45	18	218	54	914	15	298	51	1034	105	1948
6:00	14	199			36	242				
6:15	27	176			29	194				
6:30	38	146			42	146				
6:45	41	127	120	648	50	135	157	717	277	1365
7:00	55	167			76	114				
7:15	69	121			108	103				
7:30	116	105			129	96				
7:45	105	112	345	505	182	91	495	404	840	909
8:00	116	110			226	76				
8:15	199	114			313	81				
8:30	211	79			229	61				
8:45	130	74	656	377	247	52	1015	270	1671	647
9:00	153	82			180	51				
9:15	132	66			166	42				
9:30	140	75			169	33				
9:45	131	68	556	291	168	25	683	151	1239	442
10:00	125	45			150	42				
10:15	142	33			150	17				
10:30	139	20			139	12				
10:45	156	19	562	117	180	12	619	83	1181	200
11:00	160	21			172	10				
11:15	166	17			178	12				
11:30	166	10			156	13				
11:45	197	15	689	63	195	6	701	41	1390	104
Totals	3071	6913			3811	7057				
Combined Totals		9984				10868				
ADT										20852
AM Peak Hour	815	AM			800	AM				
Volume	693				1015					
P.H.F.	0.821				0.811					
PM Peak Hour		430	PM			515	PM			
Volume		931				1050				
P.H.F.		0.872				0.881				
Percentage	30.8%	69.2%			35.1%	64.9%				

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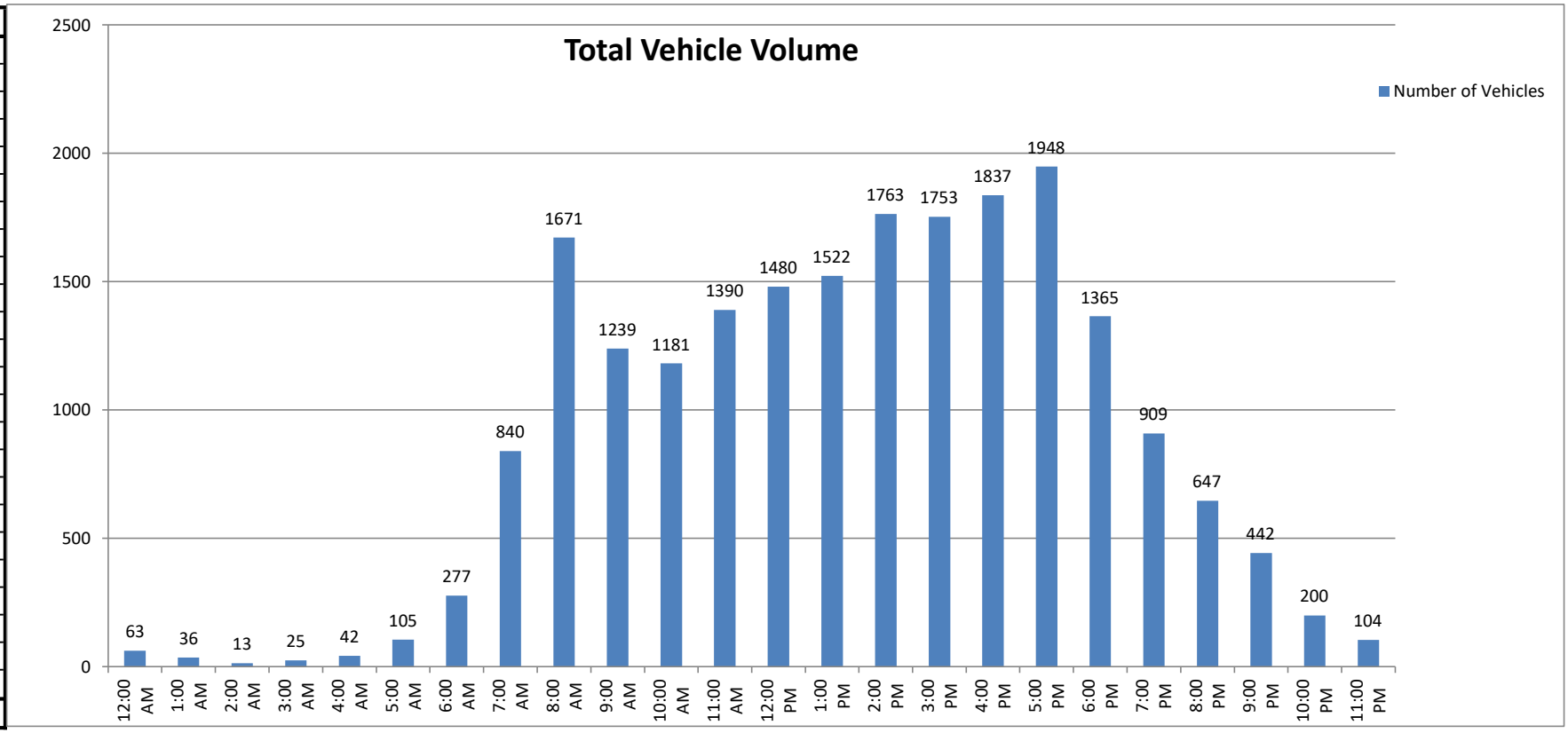
24 Hour Volume Plot

Barranca Parkway
B/ Lyon - East Yale Loop
4/16/2024

Start Time	4/16/2024
12:00 AM	63
1:00 AM	36
2:00 AM	13
3:00 AM	25
4:00 AM	42
5:00 AM	105
6:00 AM	277
7:00 AM	840
8:00 AM	1671
9:00 AM	1239
10:00 AM	1181
11:00 AM	1390
12:00 PM	1480
1:00 PM	1522
2:00 PM	1763
3:00 PM	1753
4:00 PM	1837
5:00 PM	1948
6:00 PM	1365
7:00 PM	909
8:00 PM	647
9:00 PM	442
10:00 PM	200
11:00 PM	104
Total	20852



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Lyon - East Yale Loop

File Name 69
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	197			9	149				
12:15	10	148			8	219				
12:30	8	180			2	165				
12:45	5	179	34	704	8	183	27	716	61	1420
1:00	5	189			2	171				
1:15	1	165			3	204				
1:30	3	209			6	184				
1:45	3	177	12	740	2	248	13	807	25	1547
2:00	5	192			1	220				
2:15	2	254			1	214				
2:30	3	202			0	228				
2:45	4	196	14	844	2	224	4	886	18	1730
3:00	2	190			1	202				
3:15	2	236			3	229				
3:30	2	192			1	198				
3:45	3	189	9	807	4	217	9	846	18	1653
4:00	4	245			1	175				
4:15	3	234			4	229				
4:30	10	248			3	233				
4:45	7	214	24	941	7	242	15	879	39	1820
5:00	6	254			10	196				
5:15	16	233			9	268				
5:30	14	223			9	263				
5:45	19	241	55	951	23	248	51	975	106	1926
6:00	10	198			33	191				
6:15	21	188			28	170				
6:30	30	139			40	156				
6:45	39	165	100	690	58	111	159	628	259	1318
7:00	47	134			62	109				
7:15	89	134			113	102				
7:30	92	142			144	76				
7:45	105	127	333	537	168	82	487	369	820	906
8:00	134	112			184	85				
8:15	145	77			250	69				
8:30	168	88			278	43				
8:45	185	89	632	366	344	88	1056	285	1688	651
9:00	192	71			217	52				
9:15	135	56			170	54				
9:30	150	59			205	37				
9:45	173	47	650	233	147	32	739	175	1389	408
10:00	146	35			144	30				
10:15	128	30			142	23				
10:30	157	21			163	14				
10:45	138	20	569	106	175	21	624	88	1193	194
11:00	164	16			173	12				
11:15	161	21			182	10				
11:30	144	6			190	15				
11:45	168	12	637	55	210	6	755	43	1392	98
Totals	3069	6974			3939	6697				
Combined Totals		10043				10636				
ADT										20679
AM Peak Hour	815	AM			815	AM				
Volume	690				1089					
P.H.F.	0.898				0.791					
PM Peak Hour		500	PM			500	PM			
Volume		951				975				
P.H.F.		0.936				0.910				
Percentage	30.6%	69.4%			37.0%	63.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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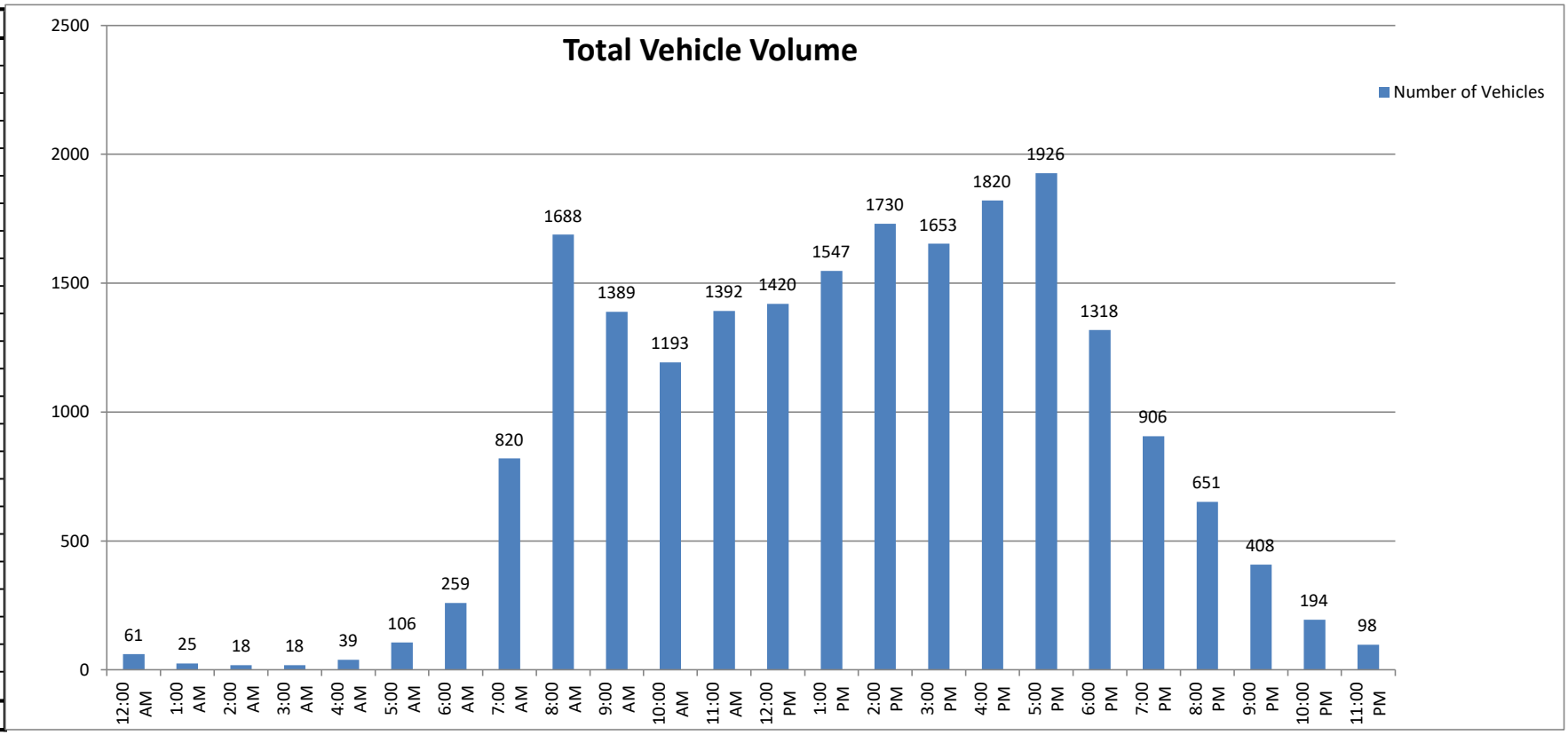
24 Hour Volume Plot

Barranca Parkway
B/ Lyon - East Yale Loop

4/17/2024

Start Time	4/17/2024
12:00 AM	61
1:00 AM	25
2:00 AM	18
3:00 AM	18
4:00 AM	39
5:00 AM	106
6:00 AM	259
7:00 AM	820
8:00 AM	1688
9:00 AM	1389
10:00 AM	1193
11:00 AM	1392
12:00 PM	1420
1:00 PM	1547
2:00 PM	1730
3:00 PM	1653
4:00 PM	1820
5:00 PM	1926
6:00 PM	1318
7:00 PM	906
8:00 PM	651
9:00 PM	408
10:00 PM	194
11:00 PM	98
Total	20679



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counts@countsunlimited.com
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City of Irvine
Barranca Parkway
B/ Lyon - East Yale Loop

File Name 69
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	184			9	159				
12:15	10	171			9	199				
12:30	6	178			7	180				
12:45	6	181	31	713	7	200	31	738	62	1450
1:00	7	184			3	184				
1:15	5	157			2	188				
1:30	3	214			6	190				
1:45	4	177	18	732	3	242	13	803	31	1535
2:00	3	181			1	218				
2:15	2	234			2	212				
2:30	2	219			2	231				
2:45	3	193	9	826	2	260	7	921	16	1747
3:00	2	184			1	213				
3:15	2	224			4	237				
3:30	3	214			3	196				
3:45	4	200	11	821	4	237	11	882	22	1703
4:00	2	244			3	195				
4:15	4	213			3	230				
4:30	11	258			3	216				
4:45	7	211	23	926	9	264	18	903	41	1829
5:00	9	239			9	211				
5:15	14	233			9	258				
5:30	14	232			15	263				
5:45	19	230	55	933	19	273	51	1005	106	1937
6:00	12	199			35	217				
6:15	24	182			29	182				
6:30	34	143			41	151				
6:45	40	146	110	669	54	123	158	673	268	1342
7:00	51	151			69	112				
7:15	79	128			111	103				
7:30	104	124			137	86				
7:45	105	120	339	521	175	87	491	387	830	908
8:00	125	111			205	81				
8:15	172	96			282	75				
8:30	190	84			254	52				
8:45	158	82	644	372	296	70	1036	278	1680	649
9:00	173	77			199	52				
9:15	134	61			168	48				
9:30	145	67			187	35				
9:45	152	58	603	262	158	29	711	163	1314	425
10:00	136	40			147	36				
10:15	135	32			146	20				
10:30	148	21			151	13				
10:45	147	20	566	112	178	17	622	86	1187	197
11:00	162	19			173	11				
11:15	164	19			180	11				
11:30	155	8			173	14				
11:45	183	14	663	59	203	6	728	42	1391	101
Totals	3070	6944			3875	6877				
Combined Totals		10014				10752				
ADT										20766
AM Peak Hour	815	AM			800	AM				
Volume	692				1036					
P.H.F.	0.912				0.876					
PM Peak Hour		430	PM			515	PM			
Volume		940				1010				
P.H.F.		0.913				0.925				
Percentage	30.7%	69.3%			36.0%	64.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Pacifica - Irvine Center Drive

File Name 78
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	129			6	139				
12:15	1	158			5	126				
12:30	3	165			3	106				
12:45	1	143	7	595	0	120	14	491	21	1086
1:00	0	149			1	102				
1:15	0	117			1	138				
1:30	2	128			1	127				
1:45	0	113	2	507	4	142	7	509	9	1016
2:00	3	124			6	136				
2:15	0	93			3	103				
2:30	1	100			3	145				
2:45	3	117	7	434	3	144	15	528	22	962
3:00	2	113			1	149				
3:15	3	110			0	165				
3:30	6	119			2	171				
3:45	6	123	17	465	1	185	4	670	21	1135
4:00	6	126			2	252				
4:15	4	107			2	228				
4:30	9	112			1	272				
4:45	21	108	40	453	4	258	9	1010	49	1463
5:00	17	122			6	296				
5:15	30	162			6	297				
5:30	39	137			12	249				
5:45	53	145	139	566	10	221	34	1063	173	1629
6:00	49	121			21	177				
6:15	42	118			29	189				
6:30	58	77			36	118				
6:45	97	79	246	395	34	116	120	600	366	995
7:00	114	64			33	94				
7:15	107	71			71	73				
7:30	130	60			108	94				
7:45	177	54	528	249	111	74	323	335	851	584
8:00	178	42			145	62				
8:15	213	46			129	55				
8:30	241	28			128	42				
8:45	234	18	866	134	120	35	522	194	1388	328
9:00	204	15			102	43				
9:15	163	24			100	32				
9:30	180	12			80	19				
9:45	164	19	711	70	87	15	369	109	1080	179
10:00	143	14			83	17				
10:15	120	10			73	13				
10:30	150	6			72	15				
10:45	135	8	548	38	76	7	304	52	852	90
11:00	123	10			70	7				
11:15	137	7			80	14				
11:30	131	3			110	6				
11:45	132	2	523	22	108	10	368	37	891	59
Totals	3634	3928			2089	5598				
Combined Totals		7562				7687				
ADT										15249
AM Peak Hour	815	AM			800	AM				
Volume	892				522					
P.H.F.	0.925				0.900					
PM Peak Hour		1215	PM			430	PM			
Volume		615				1123				
P.H.F.		0.932				0.945				
Percentage	48.1%	51.9%			27.2%	72.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Sand Canyon Avenue - Laguna Canyon Road

File Name 73
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	88			2	85				
12:15	3	94			0	76				
12:30	3	74			4	84				
12:45	3	69	10	325	1	96	7	341	17	666
1:00	3	69			0	75				
1:15	0	72			3	72				
1:30	1	69			3	81				
1:45	1	95	5	305	1	73	7	301	12	606
2:00	2	60			1	62				
2:15	1	79			1	70				
2:30	3	85			2	83				
2:45	0	92	6	316	3	83	7	298	13	614
3:00	2	81			3	70				
3:15	3	104			2	78				
3:30	7	107			1	85				
3:45	0	103	12	395	6	88	12	321	24	716
4:00	6	144			4	84				
4:15	8	163			2	80				
4:30	3	138			13	91				
4:45	4	161	21	606	10	82	29	337	50	943
5:00	3	167			10	131				
5:15	8	214			29	109				
5:30	20	188			28	117				
5:45	19	146	50	715	31	106	98	463	148	1178
6:00	24	146			23	81				
6:15	25	115			36	74				
6:30	20	57			46	52				
6:45	25	65	94	383	59	50	164	257	258	640
7:00	25	54			49	57				
7:15	51	48			60	56				
7:30	82	41			81	49				
7:45	134	44	292	187	90	34	280	196	572	383
8:00	160	30			89	26				
8:15	186	35			107	29				
8:30	159	23			129	24				
8:45	135	23	640	111	117	14	442	93	1082	204
9:00	102	19			95	13				
9:15	92	10			97	18				
9:30	91	12			88	18				
9:45	80	10	365	51	100	13	380	62	745	113
10:00	66	12			76	17				
10:15	69	10			71	9				
10:30	62	6			73	10				
10:45	76	6	273	34	74	9	294	45	567	79
11:00	71	4			65	11				
11:15	65	6			74	6				
11:30	69	8			83	1				
11:45	79	2	284	20	73	2	295	20	579	40
Totals	2052	3448			2015	2734				
Combined Totals		5500				4749				
ADT										10249
AM Peak Hour	800	AM			815	AM				
Volume	640				448					
P.H.F.	0.860				0.868					
PM Peak Hour		445	PM			500	PM			
Volume		730				463				
P.H.F.		0.853				0.884				
Percentage	37.3%	62.7%			42.4%	57.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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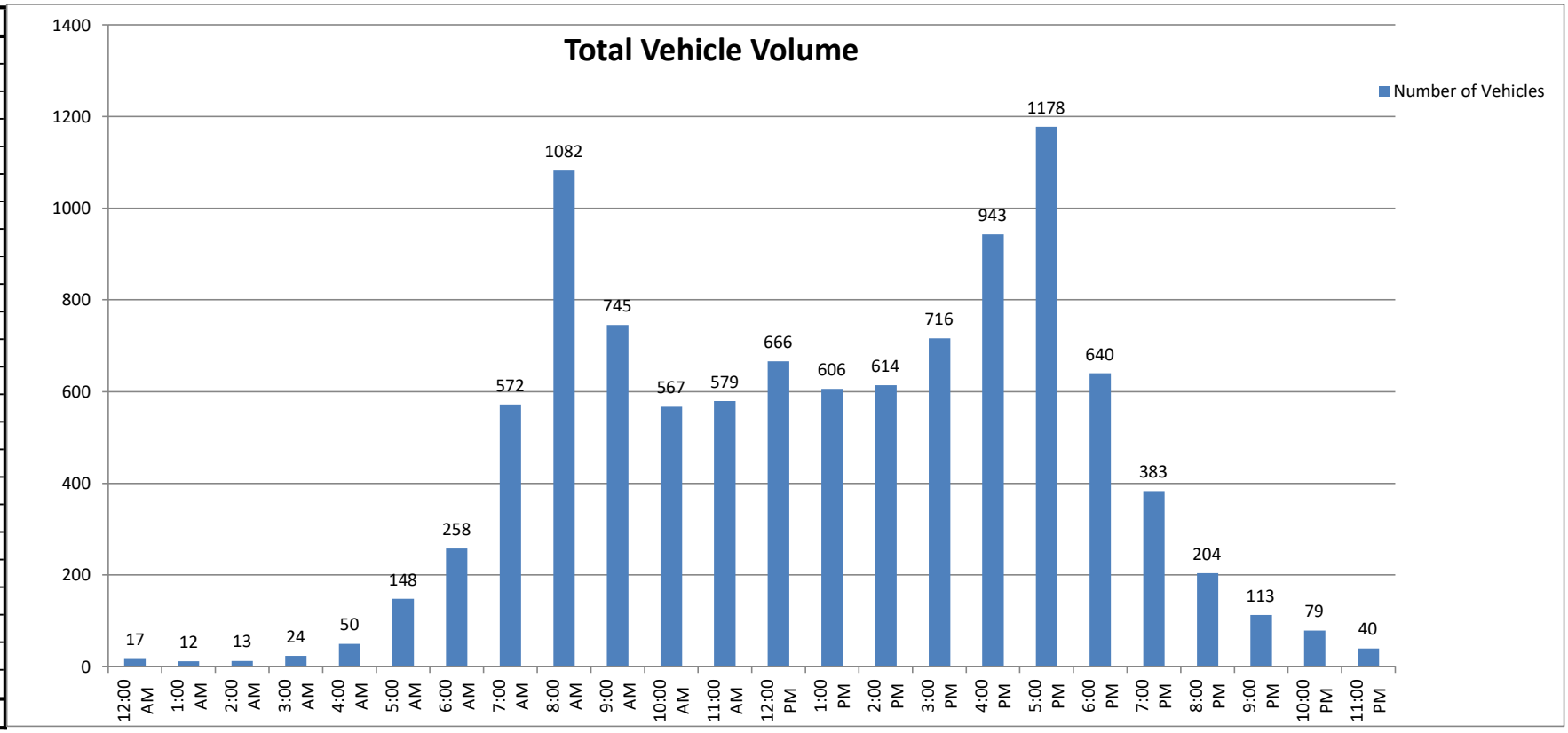
24 Hour Volume Plot

Barranca Parkway

B/ Sand Canyon Avenue - Laguna Canyon Road

4/16/2024

Start Time	4/16/2024
12:00 AM	17
1:00 AM	12
2:00 AM	13
3:00 AM	24
4:00 AM	50
5:00 AM	148
6:00 AM	258
7:00 AM	572
8:00 AM	1082
9:00 AM	745
10:00 AM	567
11:00 AM	579
12:00 PM	666
1:00 PM	606
2:00 PM	614
3:00 PM	716
4:00 PM	943
5:00 PM	1178
6:00 PM	640
7:00 PM	383
8:00 PM	204
9:00 PM	113
10:00 PM	79
11:00 PM	40
Total	10249



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Sand Canyon Avenue - Laguna Canyon Road

File Name 73
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	100			3	74				
12:15	4	71			1	68				
12:30	2	62			3	78				
12:45	3	73	12	306	1	84	8	304	20	610
1:00	1	70			0	70				
1:15	1	73			1	90				
1:30	7	78			1	77				
1:45	1	72	10	293	1	91	3	328	13	621
2:00	2	65			1	75				
2:15	1	77			1	75				
2:30	1	84			1	73				
2:45	1	81	5	307	7	87	10	310	15	617
3:00	2	92			4	83				
3:15	5	91			2	94				
3:30	1	113			4	72				
3:45	1	82	9	378	3	86	13	335	22	713
4:00	4	120			1	75				
4:15	3	122			3	82				
4:30	1	154			10	97				
4:45	4	125	12	521	17	87	31	341	43	862
5:00	5	171			8	115				
5:15	8	190			18	117				
5:30	15	165			28	104				
5:45	21	148	49	674	35	100	89	436	138	1110
6:00	26	112			27	85				
6:15	35	102			39	65				
6:30	33	72			37	55				
6:45	24	67	118	353	73	62	176	267	294	620
7:00	46	45			46	63				
7:15	65	46			66	52				
7:30	72	38			64	41				
7:45	121	28	304	157	99	50	275	206	579	363
8:00	133	33			90	30				
8:15	138	47			99	31				
8:30	155	23			116	20				
8:45	174	43	600	146	123	33	428	114	1028	260
9:00	100	33			106	23				
9:15	99	21			108	12				
9:30	70	20			73	16				
9:45	97	13	366	87	118	15	405	66	771	153
10:00	50	15			78	16				
10:15	57	11			90	13				
10:30	51	10			67	10				
10:45	73	7	231	43	54	7	289	46	520	89
11:00	66	5			63	2				
11:15	70	6			65	5				
11:30	74	8			81	4				
11:45	69	4	279	23	72	2	281	13	560	36
Totals	1995	3288			2008	2766				
Combined Totals		5283				4774				
ADT										10057
AM Peak Hour	800	AM			830	AM				
Volume	600				453					
P.H.F.	0.862				0.921					
PM Peak Hour		500	PM			500	PM			
Volume		674				436				
P.H.F.		0.887				0.932				
Percentage	37.8%	62.2%			42.1%	57.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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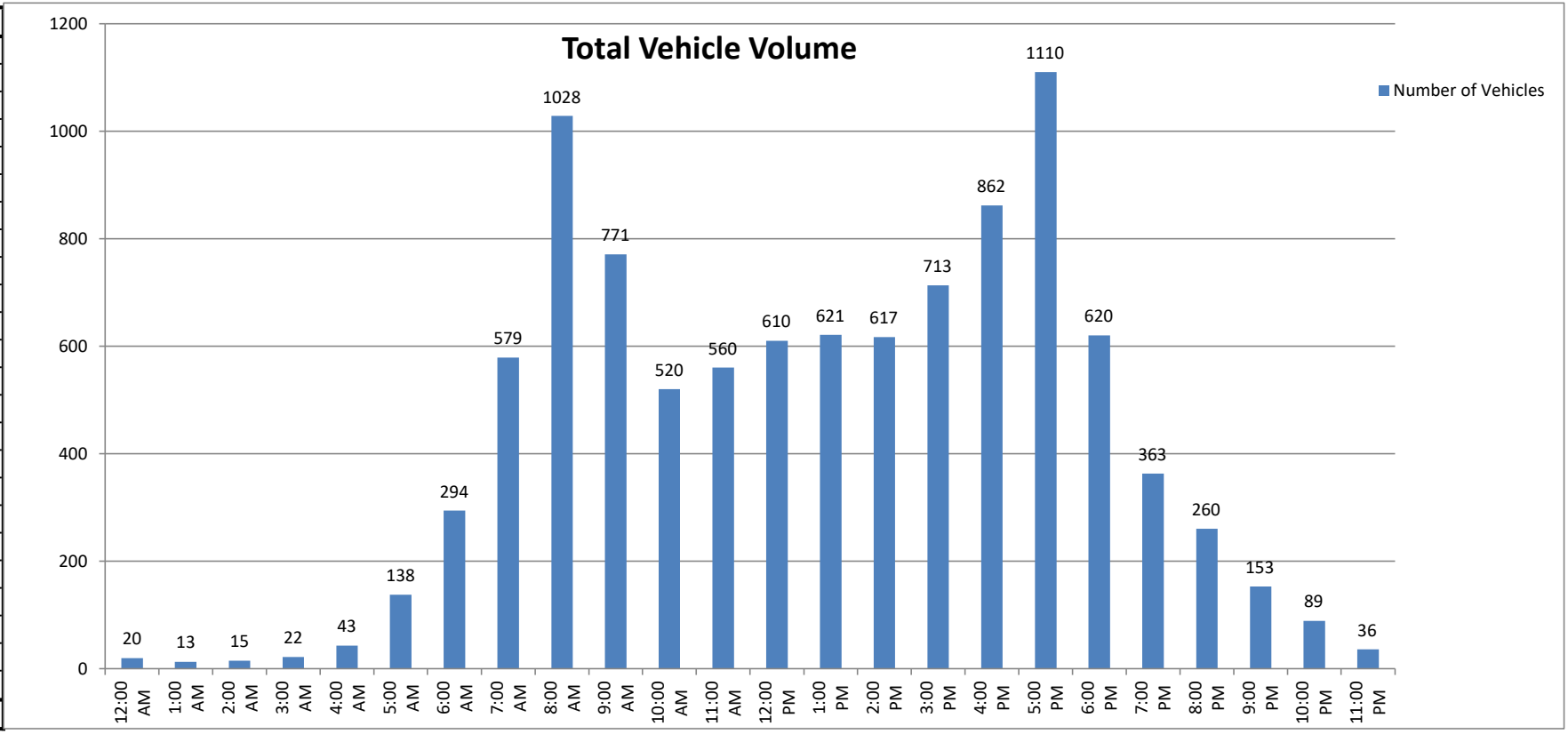
24 Hour Volume Plot

Barranca Parkway

B/ Sand Canyon Avenue - Laguna Canyon Road

4/17/2024

Start Time	4/17/2024
12:00 AM	20
1:00 AM	13
2:00 AM	15
3:00 AM	22
4:00 AM	43
5:00 AM	138
6:00 AM	294
7:00 AM	579
8:00 AM	1028
9:00 AM	771
10:00 AM	520
11:00 AM	560
12:00 PM	610
1:00 PM	621
2:00 PM	617
3:00 PM	713
4:00 PM	862
5:00 PM	1110
6:00 PM	620
7:00 PM	363
8:00 PM	260
9:00 PM	153
10:00 PM	89
11:00 PM	36
Total	10057



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Sand Canyon Avenue - Laguna Canyon Road

File Name 73
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	94			3	80				
12:15	4	83			1	72				
12:30	3	68			4	81				
12:45	3	71	11	316	1	90	8	323	19	638
1:00	2	70			0	73				
1:15	1	73			2	81				
1:30	4	74			2	79				
1:45	1	84	8	299	1	82	5	315	13	614
2:00	2	63			1	69				
2:15	1	78			1	73				
2:30	2	85			2	78				
2:45	1	87	6	312	5	85	9	304	14	616
3:00	2	87			4	77				
3:15	4	98			2	86				
3:30	4	110			3	79				
3:45	1	93	11	387	5	87	13	328	23	715
4:00	5	132			3	80				
4:15	6	143			3	81				
4:30	2	146			12	94				
4:45	4	143	17	564	14	85	30	339	47	903
5:00	4	169			9	123				
5:15	8	202			24	113				
5:30	18	177			28	111				
5:45	20	147	50	695	33	103	94	450	143	1144
6:00	25	129			25	83				
6:15	30	109			38	70				
6:30	27	65			42	54				
6:45	25	66	106	368	66	56	170	262	276	630
7:00	36	50			48	60				
7:15	58	47			63	54				
7:30	77	40			73	45				
7:45	128	36	298	172	95	42	278	201	576	373
8:00	147	32			90	28				
8:15	162	41			103	30				
8:30	157	23			123	22				
8:45	155	33	620	129	120	24	435	104	1055	232
9:00	101	26			101	18				
9:15	96	16			103	15				
9:30	81	16			81	17				
9:45	89	12	366	69	109	14	393	64	758	133
10:00	58	14			77	17				
10:15	63	11			81	11				
10:30	57	8			70	10				
10:45	75	7	252	39	64	8	292	46	544	84
11:00	69	5			64	7				
11:15	68	6			70	6				
11:30	72	8			82	3				
11:45	74	3	282	22	73	2	288	17	570	38
Totals	2024	3368			2012	2750				
Combined Totals		5392				4762				
ADT										10153
AM Peak Hour	800	AM			815	AM				
Volume	620				446					
P.H.F.	0.957				0.910					
PM Peak Hour		500	PM			500	PM			
Volume		695				450				
P.H.F.		0.860				0.914				
Percentage	37.5%	62.5%			42.2%	57.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Santa Rosa - Culver Drive

File Name 64
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	199			19	164				
12:15	12	199			12	166				
12:30	12	186			10	152				
12:45	12	192	60	776	6	164	47	646	107	1422
1:00	8	205			8	157				
1:15	9	203			9	149				
1:30	2	210			3	167				
1:45	6	220	25	838	5	171	25	644	50	1482
2:00	1	191			1	173				
2:15	3	204			4	190				
2:30	10	199			3	215				
2:45	2	208	16	802	3	173	11	751	27	1553
3:00	2	186			0	260				
3:15	5	194			4	168				
3:30	7	195			4	199				
3:45	4	246	18	821	5	189	13	816	31	1637
4:00	4	201			5	200				
4:15	4	245			5	209				
4:30	15	232			11	233				
4:45	18	216	41	894	12	214	33	856	74	1750
5:00	18	267			8	220				
5:15	29	281			10	241				
5:30	30	262			16	237				
5:45	34	240	111	1050	25	195	59	893	170	1943
6:00	31	207			26	232				
6:15	52	190			24	200				
6:30	56	181			37	180				
6:45	49	172	188	750	49	133	136	745	324	1495
7:00	71	158			49	152				
7:15	99	167			84	128				
7:30	124	155			88	119				
7:45	132	144	426	624	126	118	347	517	773	1141
8:00	153	179			173	112				
8:15	171	137			203	106				
8:30	141	119			238	94				
8:45	165	117	630	552	177	96	791	408	1421	960
9:00	118	110			166	94				
9:15	152	92			136	70				
9:30	160	96			151	62				
9:45	159	81	589	379	152	40	605	266	1194	645
10:00	131	60			123	52				
10:15	126	55			139	33				
10:30	129	39			153	30				
10:45	157	45	543	199	135	19	550	134	1093	333
11:00	171	37			189	28				
11:15	180	23			178	25				
11:30	181	35			159	20				
11:45	204	25	736	120	161	21	687	94	1423	214
Totals	3383	7805			3304	6770				
Combined Totals		11188				10074				
ADT										21262
AM Peak Hour	1100	AM			800	AM				
Volume	736				791					
P.H.F.	0.902				0.831					
PM Peak Hour		500	PM			445	PM			
Volume		1050				912				
P.H.F.		0.934				0.946				
Percentage	30.2%	69.8%			32.8%	67.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

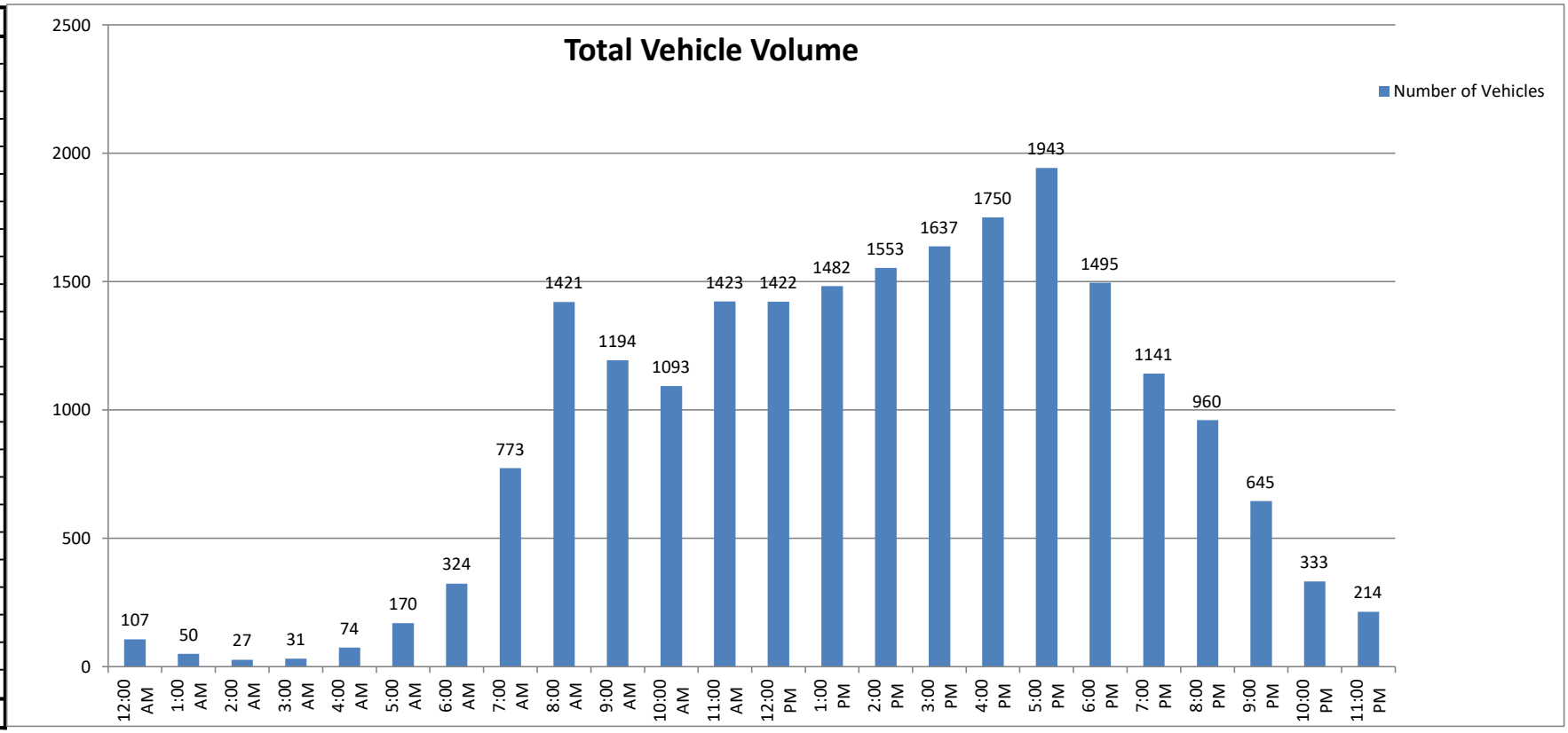
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Santa Rosa - Culver Drive

4/16/2024

Start Time	4/16/2024
12:00 AM	107
1:00 AM	50
2:00 AM	27
3:00 AM	31
4:00 AM	74
5:00 AM	170
6:00 AM	324
7:00 AM	773
8:00 AM	1421
9:00 AM	1194
10:00 AM	1093
11:00 AM	1423
12:00 PM	1422
1:00 PM	1482
2:00 PM	1553
3:00 PM	1637
4:00 PM	1750
5:00 PM	1943
6:00 PM	1495
7:00 PM	1141
8:00 PM	960
9:00 PM	645
10:00 PM	333
11:00 PM	214
Total	21262



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Santa Rosa - Culver Drive

File Name 64
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	202			17	186				
12:15	25	165			9	179				
12:30	16	206			14	171				
12:45	14	208	76	781	11	146	51	682	127	1463
1:00	6	208			7	166				
1:15	11	203			9	148				
1:30	9	206			7	153				
1:45	9	217	35	834	6	179	29	646	64	1480
2:00	10	178			3	163				
2:15	4	175			1	204				
2:30	3	220			2	171				
2:45	1	185	18	758	5	180	11	718	29	1476
3:00	0	219			1	175				
3:15	11	200			2	192				
3:30	9	217			6	221				
3:45	4	189	24	825	4	162	13	750	37	1575
4:00	5	242			6	236				
4:15	4	226			3	209				
4:30	10	240			10	241				
4:45	18	232	37	940	8	227	27	913	64	1853
5:00	13	285			12	214				
5:15	37	258			14	228				
5:30	29	276			13	257				
5:45	38	263	117	1082	25	221	64	920	181	2002
6:00	33	226			24	236				
6:15	46	243			29	155				
6:30	51	175			36	181				
6:45	53	169	183	813	59	137	148	709	331	1522
7:00	83	209			38	141				
7:15	81	154			82	154				
7:30	123	173			100	135				
7:45	138	148	425	684	96	117	316	547	741	1231
8:00	135	161			162	103				
8:15	158	123			188	105				
8:30	159	139			198	80				
8:45	174	104	626	527	205	95	753	383	1379	910
9:00	142	116			200	91				
9:15	147	127			125	84				
9:30	140	94			156	70				
9:45	136	72	565	409	146	51	627	296	1192	705
10:00	148	59			138	39				
10:15	123	54			130	40				
10:30	168	45			167	28				
10:45	131	52	570	210	132	32	567	139	1137	349
11:00	178	28			160	23				
11:15	175	26			146	18				
11:30	181	25			153	19				
11:45	151	30	685	109	174	13	633	73	1318	182
Totals	3361	7972			3239	6776				
Combined Totals		11333				10015				
ADT										21348
AM Peak Hour	1100	AM			815	AM				
Volume	685				791					
P.H.F.	0.946				0.965					
PM Peak Hour		500	PM			515	PM			
Volume		1082				942				
P.H.F.		0.949				0.916				
Percentage	29.7%	70.3%			32.3%	67.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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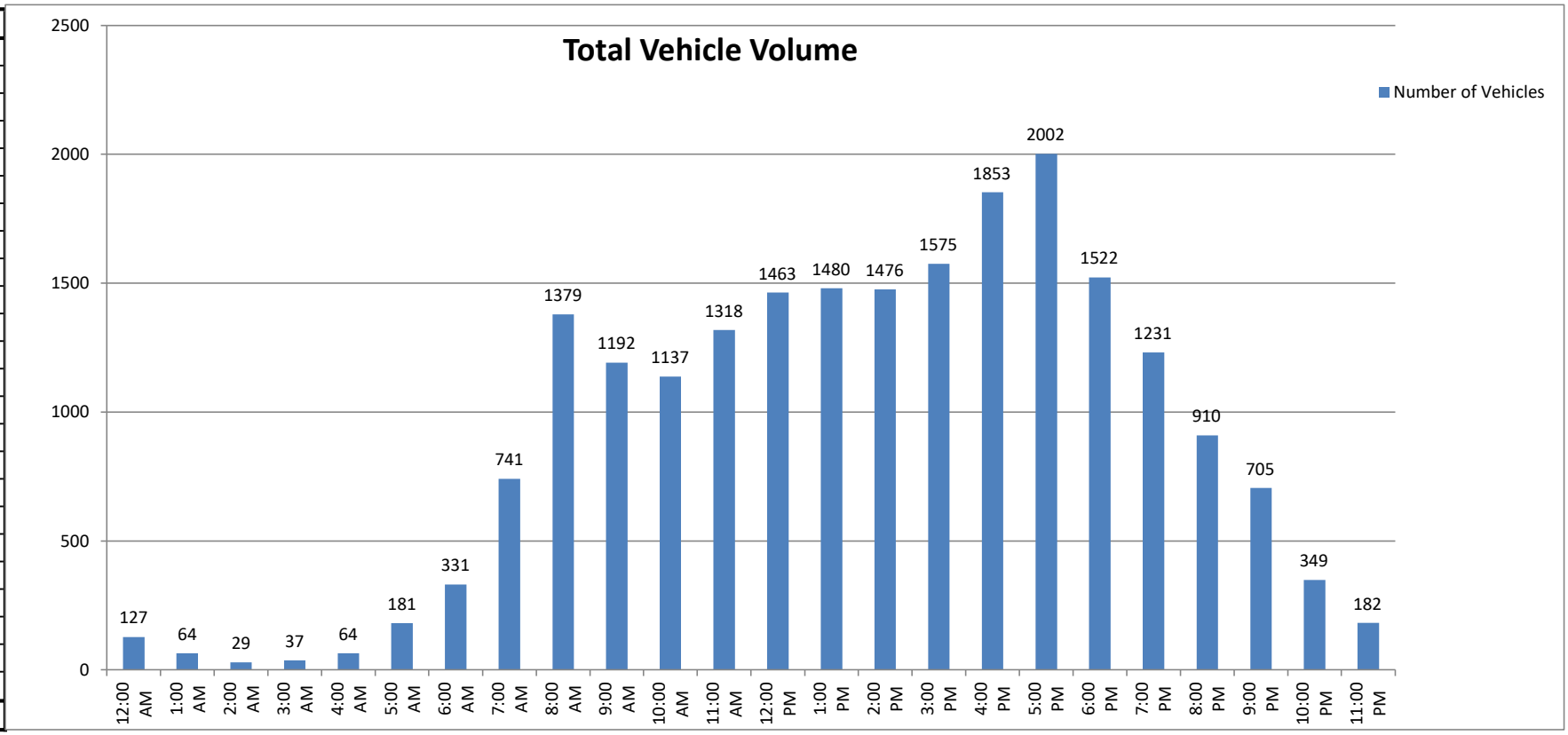
24 Hour Volume Plot

Barranca Parkway
B/ Santa Rosa - Culver Drive

4/17/2024

Start Time	4/17/2024
12:00 AM	127
1:00 AM	64
2:00 AM	29
3:00 AM	37
4:00 AM	64
5:00 AM	181
6:00 AM	331
7:00 AM	741
8:00 AM	1379
9:00 AM	1192
10:00 AM	1137
11:00 AM	1318
12:00 PM	1463
1:00 PM	1480
2:00 PM	1476
3:00 PM	1575
4:00 PM	1853
5:00 PM	2002
6:00 PM	1522
7:00 PM	1231
8:00 PM	910
9:00 PM	705
10:00 PM	349
11:00 PM	182
Total	21348



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Santa Rosa - Culver Drive

File Name 64
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	201			18	175				
12:15	19	182			11	173				
12:30	14	196			12	162				
12:45	13	200	68	779	9	155	49	664	117	1443
1:00	7	207			8	162				
1:15	10	203			9	149				
1:30	6	208			5	160				
1:45	8	219	30	836	6	175	27	645	57	1481
2:00	6	185			2	168				
2:15	4	190			3	197				
2:30	7	210			3	193				
2:45	2	197	17	780	4	177	11	735	28	1515
3:00	1	203			1	218				
3:15	8	197			3	180				
3:30	8	206			5	210				
3:45	4	218	21	823	5	176	13	783	34	1606
4:00	5	222			6	218				
4:15	4	236			4	209				
4:30	13	236			11	237				
4:45	18	224	39	917	10	221	30	885	69	1802
5:00	16	276			10	217				
5:15	33	270			12	235				
5:30	30	269			15	247				
5:45	36	252	114	1066	25	208	62	907	176	1973
6:00	32	217			25	234				
6:15	49	217			27	178				
6:30	54	178			37	181				
6:45	51	171	186	782	54	135	142	727	328	1509
7:00	77	184			44	147				
7:15	90	161			83	141				
7:30	124	164			94	127				
7:45	135	146	426	654	111	118	332	532	757	1186
8:00	144	170			168	108				
8:15	165	130			196	106				
8:30	150	129			218	87				
8:45	170	111	628	540	191	96	772	396	1400	935
9:00	130	113			183	93				
9:15	150	110			131	77				
9:30	150	95			154	66				
9:45	148	77	577	394	149	46	616	281	1193	675
10:00	140	60			131	46				
10:15	125	55			135	37				
10:30	149	42			160	29				
10:45	144	49	557	205	134	26	559	137	1115	341
11:00	175	33			175	26				
11:15	178	25			162	22				
11:30	181	30			156	20				
11:45	178	28	711	115	168	17	660	84	1371	198
Totals	3372	7889			3272	6773				
Combined Totals		11261				10045				
ADT										21305
AM Peak Hour	1100	AM			815	AM				
Volume	711				788					
P.H.F.	0.981				0.903					
PM Peak Hour		500	PM			515	PM			
Volume		1066				924				
P.H.F.		0.966				0.935				
Percentage	29.9%	70.1%			32.6%	67.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Technology Drive - Ada

File Name 081
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	134			7	146				
12:15	6	128			1	119				
12:30	3	128			5	122				
12:45	3	121	17	511	4	117	17	504	34	1015
1:00	6	150			0	121				
1:15	6	136			2	146				
1:30	9	100			3	152				
1:45	10	116	31	502	4	140	9	559	40	1061
2:00	1	110			1	132				
2:15	2	130			3	116				
2:30	3	103			2	178				
2:45	7	120	13	463	0	159	6	585	19	1048
3:00	10	112			0	141				
3:15	9	140			1	144				
3:30	9	125			2	222				
3:45	11	159	39	536	6	272	9	779	48	1315
4:00	11	184			4	330				
4:15	24	178			7	295				
4:30	54	216			1	314				
4:45	83	204	172	782	18	266	30	1205	202	1987
5:00	53	220			12	300				
5:15	68	243			13	266				
5:30	100	193			26	192				
5:45	114	184	335	840	31	223	82	981	417	1821
6:00	72	172			55	150				
6:15	83	174			34	134				
6:30	90	111			50	104				
6:45	142	86	387	543	106	112	245	500	632	1043
7:00	130	100			88	84				
7:15	134	78			124	59				
7:30	173	71			155	61				
7:45	222	50	659	299	200	50	567	254	1226	553
8:00	212	54			206	48				
8:15	184	44			224	29				
8:30	174	56			200	32				
8:45	192	39	762	193	224	25	854	134	1616	327
9:00	165	44			162	37				
9:15	121	32			132	30				
9:30	140	23			108	20				
9:45	128	22	554	121	171	12	573	99	1127	220
10:00	112	17			105	11				
10:15	108	22			110	19				
10:30	86	21			120	14				
10:45	101	18	407	78	125	14	460	58	867	136
11:00	116	14			120	9				
11:15	84	9			135	15				
11:30	96	14			150	8				
11:45	118	6	414	43	106	8	511	40	925	83
Totals	3790	4911			3363	5698				
Combined Totals		8701				9061				
ADT										17762
AM Peak Hour	745	AM			800	AM				
Volume	792				854					
P.H.F.	0.892				0.953					
PM Peak Hour		430	PM			345	PM			
Volume		883				1211				
P.H.F.		0.908				0.917				
Percentage	43.6%	56.4%			37.1%	62.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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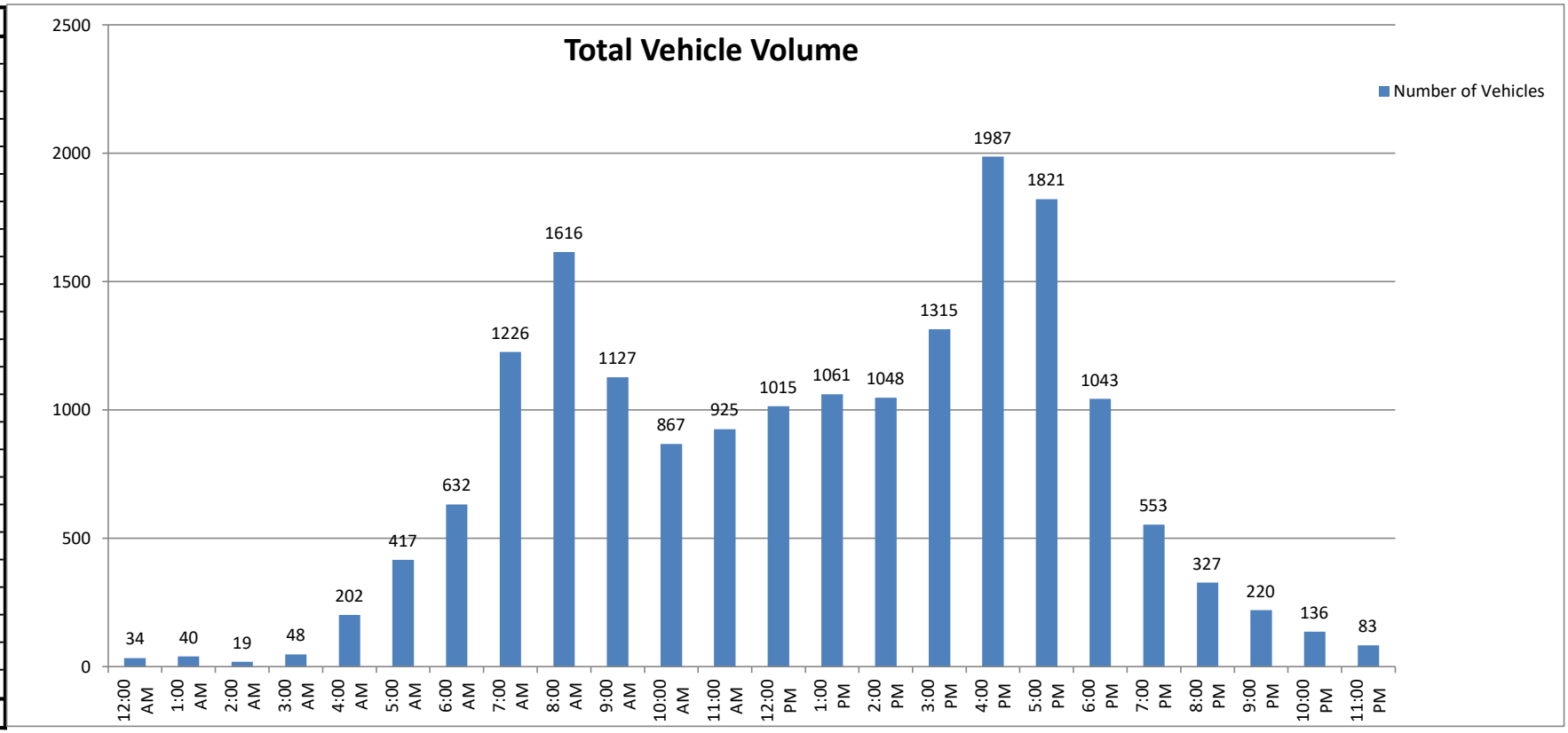
24 Hour Volume Plot

Barranca Parkway
B/ Technology Drive - Ada

5/7/2024

Start Time	5/7/2024
12:00 AM	34
1:00 AM	40
2:00 AM	19
3:00 AM	48
4:00 AM	202
5:00 AM	417
6:00 AM	632
7:00 AM	1226
8:00 AM	1616
9:00 AM	1127
10:00 AM	867
11:00 AM	925
12:00 PM	1015
1:00 PM	1061
2:00 PM	1048
3:00 PM	1315
4:00 PM	1987
5:00 PM	1821
6:00 PM	1043
7:00 PM	553
8:00 PM	327
9:00 PM	220
10:00 PM	136
11:00 PM	83
Total	17762



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Technology Drive - Ada

File Name 081
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	115			2	122				
12:15	7	140			2	148				
12:30	3	114			2	144				
12:45	9	130	24	499	3	110	9	524	33	1023
1:00	4	152			2	126				
1:15	9	137			0	131				
1:30	9	126			6	166				
1:45	8	111	30	526	3	146	11	569	41	1095
2:00	4	117			2	126				
2:15	4	128			2	146				
2:30	3	130			4	170				
2:45	7	126	18	501	0	154	8	596	26	1097
3:00	8	128			0	128				
3:15	7	128			1	153				
3:30	11	136			1	187				
3:45	15	163	41	555	8	216	10	684	51	1239
4:00	18	158			4	269				
4:15	22	150			2	240				
4:30	58	140			5	252				
4:45	84	179	182	627	13	236	24	997	206	1624
5:00	49	226			4	269				
5:15	66	191			8	264				
5:30	92	194			24	220				
5:45	119	161	326	772	31	179	67	932	393	1704
6:00	70	168			35	162				
6:15	78	157			38	128				
6:30	96	114			54	136				
6:45	139	120	383	559	80	106	207	532	590	1091
7:00	117	80			85	86				
7:15	154	90			122	56				
7:30	172	67			140	56				
7:45	211	59	654	296	226	56	573	254	1227	550
8:00	214	63			208	45				
8:15	186	54			244	30				
8:30	176	66			192	28				
8:45	197	51	773	234	188	17	832	120	1605	354
9:00	158	36			172	30				
9:15	134	24			132	28				
9:30	114	7			120	20				
9:45	140	3	546	70	142	13	566	91	1112	161
10:00	100	2			121	14				
10:15	88	1			117	22				
10:30	116	0			110	10				
10:45	86	0	390	3	121	8	469	54	859	57
11:00	96	2			116	12				
11:15	108	2			118	10				
11:30	107	1			146	10				
11:45	114	1	425	6	126	5	506	37	931	43
Totals	3792	4648			3282	5390				
Combined Totals		8440				8672				
ADT										17112
AM Peak Hour	745	AM			745	AM				
Volume	787				870					
P.H.F.	0.919				0.891					
PM Peak Hour		445	PM			430	PM			
Volume		790				1021				
P.H.F.		0.874				0.949				
Percentage	44.9%	55.1%			37.8%	62.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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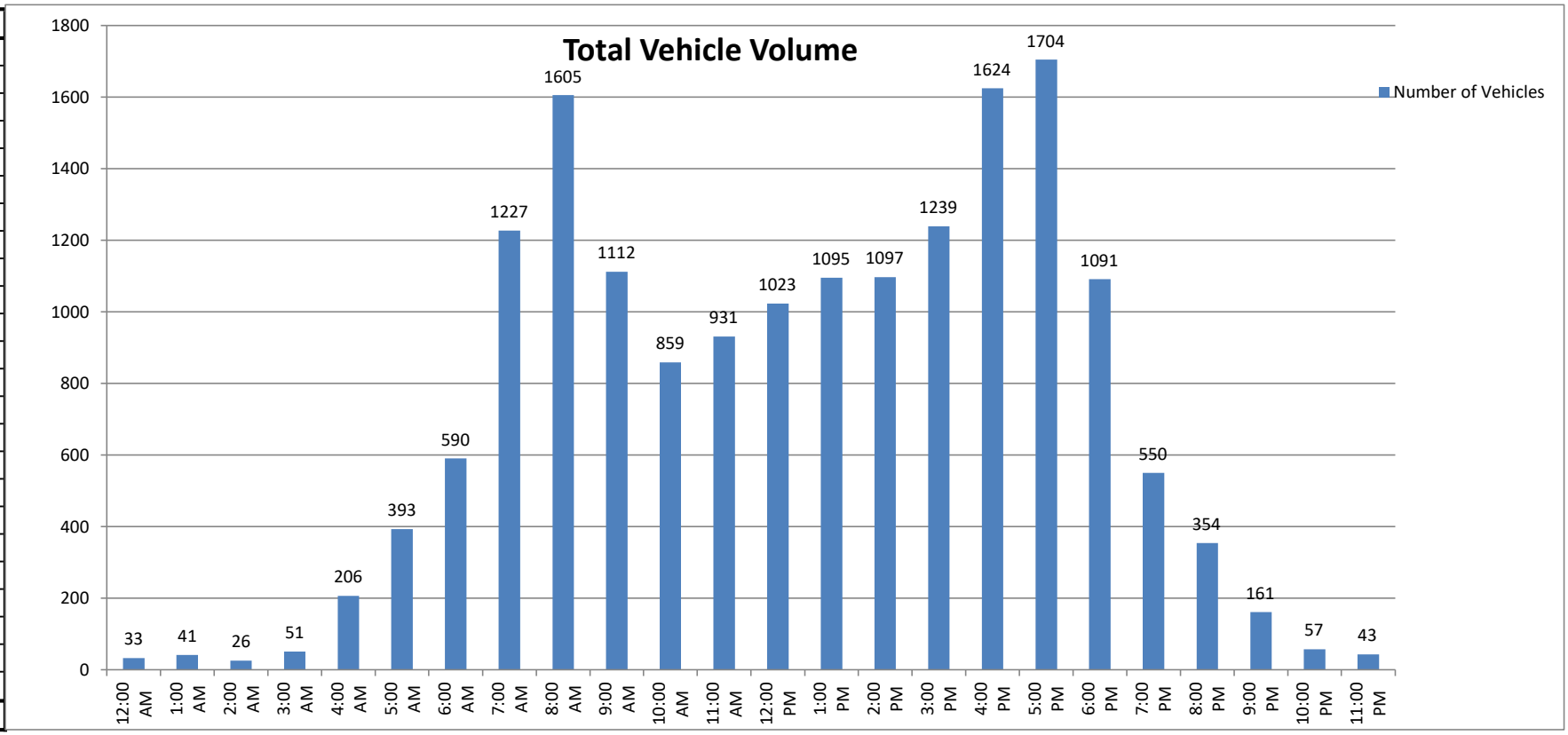
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Technology Drive - Ada

5/8/2024

Start Time	5/8/2024
12:00 AM	33
1:00 AM	41
2:00 AM	26
3:00 AM	51
4:00 AM	206
5:00 AM	393
6:00 AM	590
7:00 AM	1227
8:00 AM	1605
9:00 AM	1112
10:00 AM	859
11:00 AM	931
12:00 PM	1023
1:00 PM	1095
2:00 PM	1097
3:00 PM	1239
4:00 PM	1624
5:00 PM	1704
6:00 PM	1091
7:00 PM	550
8:00 PM	354
9:00 PM	161
10:00 PM	57
11:00 PM	43
Total	17112



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Technology Drive - Ada

File Name 081
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	125			5	134				
12:15	7	134			2	134				
12:30	3	121			4	133				
12:45	6	126	21	505	4	114	13	514	34	1019
1:00	5	151			1	124				
1:15	8	137			1	139				
1:30	9	113			5	159				
1:45	9	114	31	514	4	143	10	564	41	1078
2:00	3	114			2	129				
2:15	3	129			3	131				
2:30	3	117			3	174				
2:45	7	123	16	482	0	157	7	591	23	1073
3:00	9	120			0	135				
3:15	8	134			1	149				
3:30	10	131			2	205				
3:45	13	161	40	546	7	244	10	732	50	1277
4:00	15	171			4	300				
4:15	23	164			5	268				
4:30	56	178			3	283				
4:45	84	192	177	705	16	251	27	1101	204	1806
5:00	51	223			8	285				
5:15	67	217			11	265				
5:30	96	194			25	206				
5:45	117	173	331	806	31	201	75	957	405	1763
6:00	71	170			45	156				
6:15	81	166			36	131				
6:30	93	113			52	120				
6:45	141	103	385	551	93	109	226	516	611	1067
7:00	124	90			87	85				
7:15	144	84			123	58				
7:30	173	69			148	59				
7:45	217	55	657	298	213	53	570	254	1227	552
8:00	213	59			207	47				
8:15	185	49			234	30				
8:30	175	61			196	30				
8:45	195	45	768	214	206	21	843	127	1611	341
9:00	162	40			167	34				
9:15	128	28			132	29				
9:30	127	15			114	20				
9:45	134	13	550	96	157	13	570	95	1120	191
10:00	106	10			113	13				
10:15	98	12			114	21				
10:30	101	11			115	12				
10:45	94	9	399	41	123	11	465	56	863	97
11:00	106	8			118	11				
11:15	96	6			127	13				
11:30	102	8			148	9				
11:45	116	4	420	25	116	7	509	39	928	63
Totals	3791	4780			3323	5544				
Combined Totals		8571				8867				
ADT										17437
AM Peak Hour	745	AM			745	AM				
Volume	790				850					
P.H.F.	0.912				0.908					
PM Peak Hour		445	PM			400	PM			
Volume		825				1101				
P.H.F.		0.925				0.919				
Percentage	44.2%	55.8%			37.5%	62.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Valley Oak - Sand Canyon Avenue

File Name 72
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	92			2	87				
12:15	6	87			4	95				
12:30	2	81			1	76				
12:45	2	89	14	349	4	72	11	330	25	679
1:00	0	73			1	52				
1:15	0	68			0	74				
1:30	2	89			3	68				
1:45	1	72	3	302	4	77	8	271	11	573
2:00	7	87			3	55				
2:15	1	75			4	79				
2:30	4	88			3	74				
2:45	2	84	14	334	7	96	17	304	31	638
3:00	4	73			3	62				
3:15	2	86			5	89				
3:30	5	101			4	74				
3:45	7	89	18	349	5	97	17	322	35	671
4:00	7	84			8	113				
4:15	2	110			9	129				
4:30	9	97			7	130				
4:45	7	102	25	393	20	135	44	507	69	900
5:00	6	142			11	147				
5:15	8	139			31	196				
5:30	14	115			44	167				
5:45	22	150	50	546	52	152	138	662	188	1208
6:00	21	113			47	112				
6:15	19	122			33	96				
6:30	31	83			41	45				
6:45	46	78	117	396	50	56	171	309	288	705
7:00	39	77			43	44				
7:15	41	76			95	42				
7:30	57	56			113	35				
7:45	69	57	206	266	152	44	403	165	609	431
8:00	63	40			191	30				
8:15	83	40			188	29				
8:30	96	32			172	20				
8:45	85	29	327	141	172	20	723	99	1050	240
9:00	79	13			118	20				
9:15	70	21			126	8				
9:30	176	19			94	10				
9:45	74	19	399	72	105	14	443	52	842	124
10:00	73	18			85	11				
10:15	65	8			70	8				
10:30	82	9			71	9				
10:45	64	10	284	45	58	5	284	33	568	78
11:00	74	11			56	3				
11:15	68	7			65	7				
11:30	72	2			67	5				
11:45	73	3	287	23	76	1	264	16	551	39
Totals	1744	3216			2523	3070				
Combined Totals		4960				5593				
ADT										10553
AM Peak Hour	845	AM			800	AM				
Volume	410				723					
P.H.F.	0.582				0.946					
PM Peak Hour		500	PM			500	PM			
Volume		546				662				
P.H.F.		0.910				0.844				
Percentage	35.2%	64.8%			45.1%	54.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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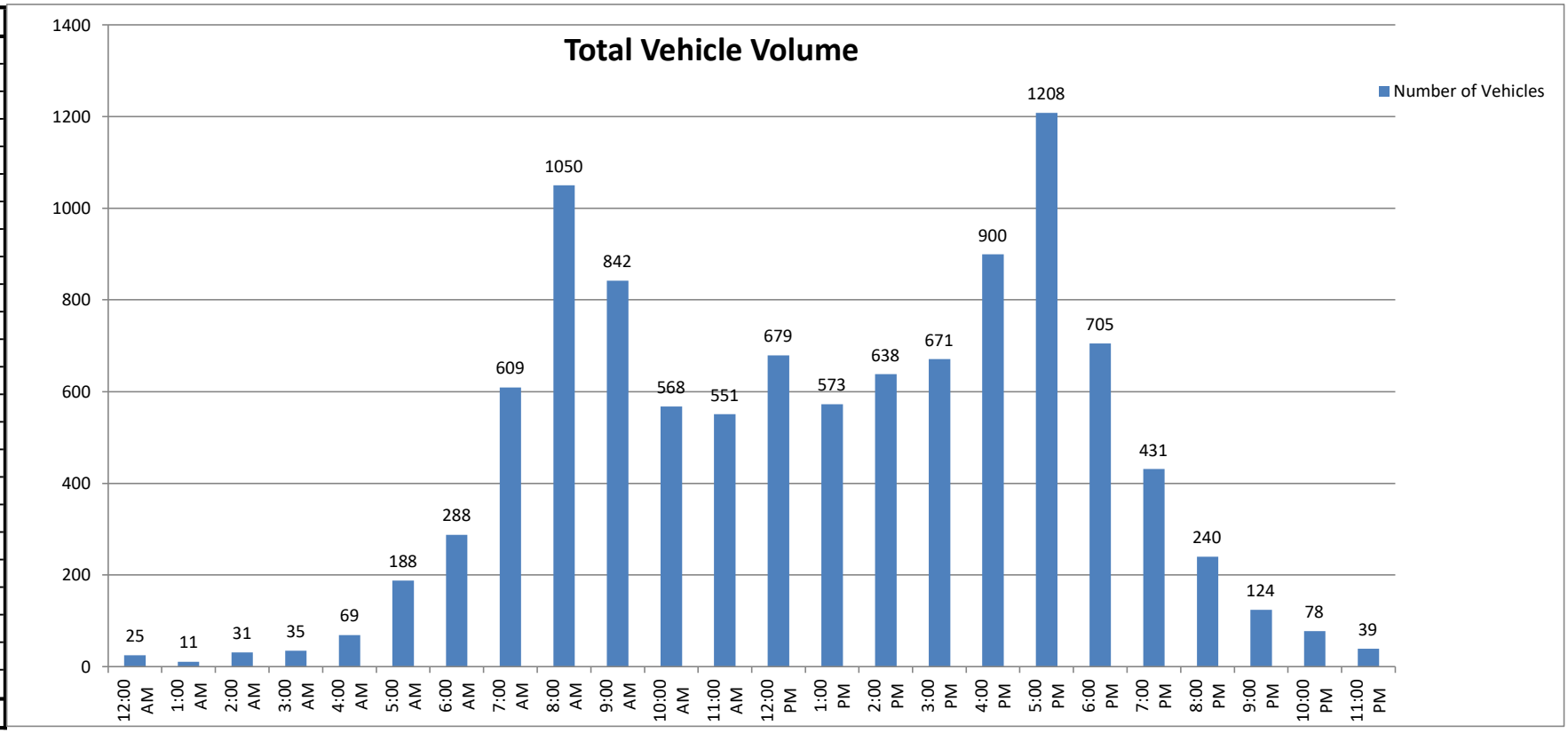
Corona, CA 92878

24 Hour Volume Plot

Barranca Parkway
B/ Valley Oak - Sand Canyon Avenue

4/16/2024

Start Time	4/16/2024
12:00 AM	25
1:00 AM	11
2:00 AM	31
3:00 AM	35
4:00 AM	69
5:00 AM	188
6:00 AM	288
7:00 AM	609
8:00 AM	1050
9:00 AM	842
10:00 AM	568
11:00 AM	551
12:00 PM	679
1:00 PM	573
2:00 PM	638
3:00 PM	671
4:00 PM	900
5:00 PM	1208
6:00 PM	705
7:00 PM	431
8:00 PM	240
9:00 PM	124
10:00 PM	78
11:00 PM	39
Total	10553



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Barranca Parkway
B/ Valley Oak - Sand Canyon Avenue

File Name 72
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	77			3	70				
12:15	4	74			3	71				
12:30	2	70			2	71				
12:45	1	66	9	287	1	70	9	282	18	569
1:00	1	75			2	56				
1:15	2	91			3	67				
1:30	2	76			4	78				
1:45	1	69	6	311	5	54	14	255	20	566
2:00	0	74			1	58				
2:15	1	76			3	65				
2:30	3	77			3	62				
2:45	6	83	10	310	2	79	9	264	19	574
3:00	4	90			3	74				
3:15	3	112			5	89				
3:30	3	81			4	85				
3:45	3	76	13	359	10	74	22	322	35	681
4:00	15	78			3	105				
4:15	2	85			7	114				
4:30	10	120			4	133				
4:45	12	117	39	400	24	125	38	477	77	877
5:00	5	132			15	148				
5:15	8	135			33	171				
5:30	17	130			41	163				
5:45	24	125	54	522	58	144	147	626	201	1148
6:00	21	131			45	87				
6:15	26	124			29	87				
6:30	24	106			56	45				
6:45	36	87	107	448	42	52	172	271	279	719
7:00	36	86			72	32				
7:15	43	76			94	43				
7:30	39	49			97	35				
7:45	74	53	192	264	148	33	411	143	603	407
8:00	72	52			145	31				
8:15	74	42			172	42				
8:30	84	24			174	20				
8:45	110	32	340	150	189	34	680	127	1020	277
9:00	167	25			107	29				
9:15	95	15			129	21				
9:30	72	14			105	17				
9:45	100	15	434	69	113	12	454	79	888	148
10:00	65	16			76	15				
10:15	67	11			70	13				
10:30	75	10			55	11				
10:45	44	7	251	44	75	5	276	44	527	88
11:00	61	6			42	5				
11:15	60	5			70	5				
11:30	79	7			66	3				
11:45	78	3	278	21	63	5	241	18	519	39
Totals	1733	3185			2473	2908				
Combined Totals		4918				5381				
ADT										10299
AM Peak Hour	830	AM			800	AM				
Volume	456				680					
P.H.F.	0.683				0.899					
PM Peak Hour		500	PM			500	PM			
Volume		522				626				
P.H.F.		0.967				0.915				
Percentage	35.2%	64.8%			46.0%	54.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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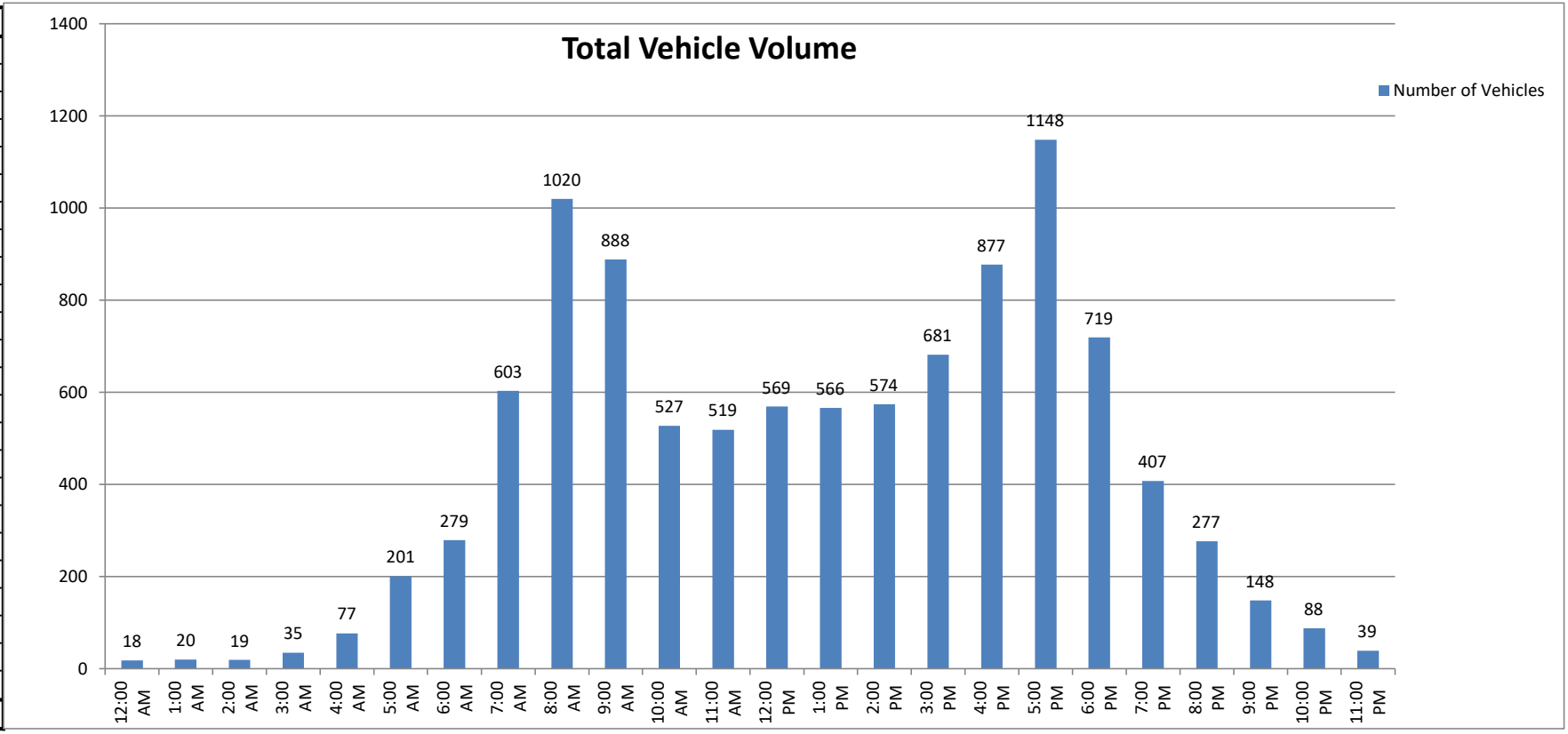
24 Hour Volume Plot

Barranca Parkway
B/ Valley Oak - Sand Canyon Avenue
4/17/2024

Start Time	4/17/2024
12:00 AM	18
1:00 AM	20
2:00 AM	19
3:00 AM	35
4:00 AM	77
5:00 AM	201
6:00 AM	279
7:00 AM	603
8:00 AM	1020
9:00 AM	888
10:00 AM	527
11:00 AM	519
12:00 PM	569
1:00 PM	566
2:00 PM	574
3:00 PM	681
4:00 PM	877
5:00 PM	1148
6:00 PM	719
7:00 PM	407
8:00 PM	277
9:00 PM	148
10:00 PM	88
11:00 PM	39
Total	10299



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ Valley Oak - Sand Canyon Avenue

File Name 72
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	85			3	79				
12:15	5	81			4	83				
12:30	2	76			2	74				
12:45	2	78	12	318	3	71	10	306	22	624
1:00	1	74			2	54				
1:15	1	80			2	71				
1:30	2	83			4	73				
1:45	1	71	5	307	5	66	11	263	16	570
2:00	4	81			2	57				
2:15	1	76			4	72				
2:30	4	83			3	68				
2:45	4	84	12	322	5	88	13	284	25	606
3:00	4	82			3	68				
3:15	3	99			5	89				
3:30	4	91			4	80				
3:45	5	83	16	354	8	86	20	322	35	676
4:00	11	81			6	109				
4:15	2	98			8	122				
4:30	10	109			6	132				
4:45	10	110	32	397	22	130	41	492	73	889
5:00	6	137			13	148				
5:15	8	137			32	184				
5:30	16	123			43	165				
5:45	23	138	52	534	55	148	143	644	195	1178
6:00	21	122			46	100				
6:15	23	123			31	92				
6:30	28	95			49	45				
6:45	41	83	112	422	46	54	172	290	284	712
7:00	38	82			58	38				
7:15	42	76			95	43				
7:30	48	53			105	35				
7:45	72	55	199	265	150	39	407	154	606	419
8:00	68	46			168	31				
8:15	79	41			180	36				
8:30	90	28			173	20				
8:45	98	31	334	146	181	27	702	113	1035	259
9:00	123	19			113	25				
9:15	83	18			128	15				
9:30	124	17			100	14				
9:45	87	17	417	71	109	13	449	66	865	136
10:00	69	17			81	13				
10:15	66	10			70	11				
10:30	79	10			63	10				
10:45	54	9	268	45	67	5	280	39	548	83
11:00	68	9			49	4				
11:15	64	6			68	6				
11:30	76	5			67	4				
11:45	76	3	283	22	70	3	253	17	535	39
Totals	1739	3201			2498	2989				
Combined Totals		4939				5487				
ADT										10426
AM Peak Hour	845	AM			800	AM				
Volume	427				702					
P.H.F.	0.861				0.972					
PM Peak Hour		500	PM			500	PM			
Volume		534				644				
P.H.F.		0.971				0.877				
Percentage	35.2%	64.8%			45.5%	54.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Barranca Parkway
W/ Alton Parkway
24 Hour Directional Volume Count

IRV020
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	116			5	120				
12:15		4	126			3	111				
12:30		6	101			1	100				
12:45		8	108	27	451	4	112	13	443	40	894
01:00		6	104			0	125				
01:15		7	110			1	101				
01:30		8	102			1	124				
01:45		6	103	27	419	1	123	3	473	30	892
02:00		8	112			1	111				
02:15		6	86			2	97				
02:30		4	137			3	148				
02:45		10	118	28	453	0	152	6	508	34	961
03:00		4	116			2	152				
03:15		8	120			2	138				
03:30		9	162			4	194				
03:45		15	139	36	537	4	180	12	664	48	1201
04:00		16	184			10	203				
04:15		26	168			5	165				
04:30		42	211			8	**248**				
04:45		66	198	150	761	19	**207**	42	823	192	1584
05:00		35	**272**			20	**272**				
05:15		45	**242**			31	**200**				
05:30		72	**208**			51	159				
05:45		70	**242**	222	964	54	140	156	771	378	1735
06:00		60	207			33	104				
06:15		55	184			54	110				
06:30		64	126			81	111				
06:45		92	80	271	597	116	62	284	387	555	984
07:00		72	93			108	66				
07:15		78	81			130	48				
07:30		110	62			178	48				
07:45		**115**	71	375	307	**227**	38	643	200	1018	507
08:00		**146**	58			**204**	37				
08:15		**120**	56			**239**	18				
08:30		**116**	49			**226**	26				
08:45		107	43	489	206	212	20	881	101	1370	307
09:00		84	48			154	22				
09:15		72	45			123	21				
09:30		76	29			114	10				
09:45		98	31	330	153	136	11	527	64	857	217
10:00		70	34			112	11				
10:15		67	18			104	9				
10:30		61	23			102	11				
10:45		72	19	270	94	92	5	410	36	680	130
11:00		86	9			99	8				
11:15		82	3			76	9				
11:30		88	2			106	2				
11:45		112	0	368	14	99	6	380	25	748	39
Total		2593	4956	2593	4956	3357	4495	3357	4495	5950	9451
Combined Total		7549		7549		7852		7852		15401	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	497	-	-	-	896	-	-	-	-	-
P.H.F.		0.851				0.937					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	964	-	-	-	927	-	-	-	-
P.H.F.			0.886				0.852				
Percentage		34.3%	65.7%			42.8%	57.2%				
ADT/AADT		ADT 15,401		AADT 15,401							

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City of Irvine
Barranca Parkway
B/ West Yale Loop - Lake Road

File Name 66
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/16/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	195			8	182				
12:15	4	183			6	187				
12:30	7	183			5	168				
12:45	7	203	30	764	1	160	20	697	50	1461
1:00	2	176			6	178				
1:15	6	201			3	149				
1:30	3	191			6	167				
1:45	7	234	18	802	4	183	19	677	37	1479
2:00	1	206			1	168				
2:15	2	214			4	212				
2:30	1	195			3	226				
2:45	0	236	4	851	1	247	9	853	13	1704
3:00	1	191			1	207				
3:15	0	196			5	223				
3:30	5	209			4	208				
3:45	4	219	10	815	4	246	14	884	24	1699
4:00	2	216			10	220				
4:15	3	202			2	245				
4:30	12	234			2	268				
4:45	10	212	27	864	10	251	24	984	51	1848
5:00	15	262			8	305				
5:15	20	253			7	247				
5:30	34	246			19	265				
5:45	43	252	112	1013	12	244	46	1061	158	2074
6:00	22	218			31	201				
6:15	45	196			29	204				
6:30	70	159			37	161				
6:45	63	117	200	690	41	135	138	701	338	1391
7:00	100	149			60	146				
7:15	122	125			88	114				
7:30	172	124			99	112				
7:45	222	118	616	516	149	108	396	480	1012	996
8:00	221	119			145	88				
8:15	344	109			224	80				
8:30	255	80			213	81				
8:45	239	79	1059	387	203	75	785	324	1844	711
9:00	194	63			180	80				
9:15	164	55			165	53				
9:30	203	67			170	50				
9:45	202	70	763	255	156	34	671	217	1434	472
10:00	170	33			158	53				
10:15	189	23			169	28				
10:30	153	25			153	15				
10:45	202	17	714	98	157	17	637	113	1351	211
11:00	163	24			182	17				
11:15	170	18			197	7				
11:30	184	12			177	12				
11:45	181	13	698	67	193	7	749	43	1447	110
Totals	4251	7122			3508	7034				
Combined Totals		11373				10542				
ADT										21915
AM Peak Hour	800	AM			815	AM				
Volume	1059				820					
P.H.F.	0.770				0.915					
PM Peak Hour		500	PM			430	PM			
Volume		1013				1071				
P.H.F.		0.967				0.878				
Percentage	37.4%	62.6%			33.3%	66.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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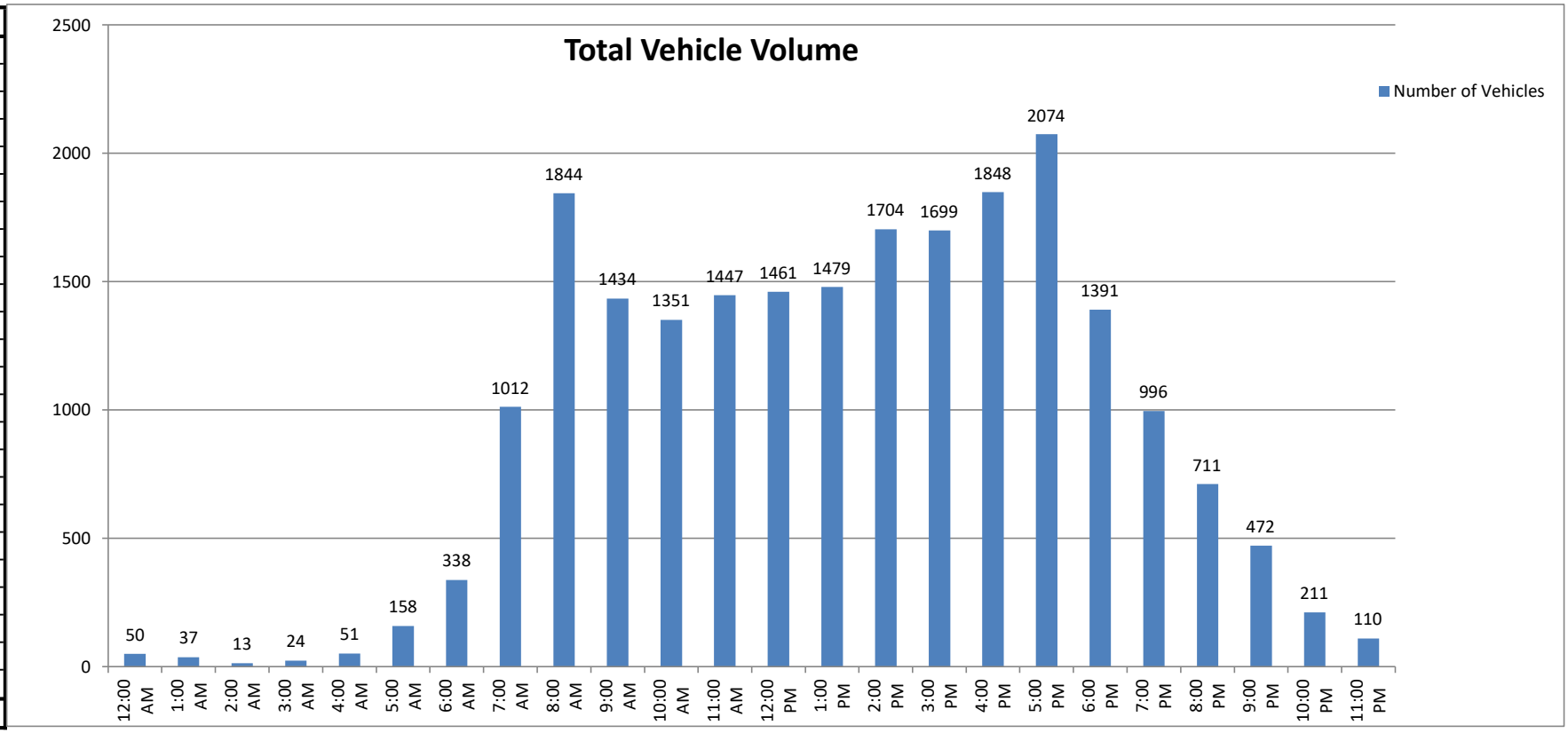
24 Hour Volume Plot

Barranca Parkway
B/ West Yale Loop - Lake Road

4/16/2024

Start Time	4/16/2024
12:00 AM	50
1:00 AM	37
2:00 AM	13
3:00 AM	24
4:00 AM	51
5:00 AM	158
6:00 AM	338
7:00 AM	1012
8:00 AM	1844
9:00 AM	1434
10:00 AM	1351
11:00 AM	1447
12:00 PM	1461
1:00 PM	1479
2:00 PM	1704
3:00 PM	1699
4:00 PM	1848
5:00 PM	2074
6:00 PM	1391
7:00 PM	996
8:00 PM	711
9:00 PM	472
10:00 PM	211
11:00 PM	110
Total	21915



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Barranca Parkway
B/ West Yale Loop - Lake Road

File Name 66
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/17/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	182			7	157				
12:15	11	164			7	185				
12:30	8	186			3	155				
12:45	5	192	36	724	6	143	23	640	59	1364
1:00	4	153			6	165				
1:15	5	190			3	126				
1:30	8	162			8	164				
1:45	3	227	20	732	3	173	20	628	40	1360
2:00	8	206			1	185				
2:15	3	197			1	189				
2:30	4	183			3	194				
2:45	2	216	17	802	0	209	5	777	22	1579
3:00	1	230			1	193				
3:15	1	202			3	226				
3:30	2	218			1	200				
3:45	3	222	7	872	3	207	8	826	15	1698
4:00	3	206			5	247				
4:15	4	209			4	226				
4:30	9	224			5	254				
4:45	8	228	24	867	8	234	22	961	46	1828
5:00	11	263			13	300				
5:15	31	244			10	260				
5:30	23	255			12	281				
5:45	46	256	111	1018	17	244	52	1085	163	2103
6:00	24	215			34	227				
6:15	43	203			28	170				
6:30	41	152			42	169				
6:45	77	182	185	752	61	132	165	698	350	1450
7:00	110	165			55	139				
7:15	121	144			81	107				
7:30	161	124			121	116				
7:45	209	121	601	554	142	89	399	451	1000	1005
8:00	210	94			148	103				
8:15	244	98			186	97				
8:30	258	80			194	69				
8:45	278	67	990	339	265	96	793	365	1783	704
9:00	231	65			165	76				
9:15	171	54			152	66				
9:30	215	66			155	53				
9:45	188	41	805	226	164	42	636	237	1441	463
10:00	167	38			152	41				
10:15	181	31			153	32				
10:30	151	22			166	20				
10:45	182	23	681	114	173	20	644	113	1325	227
11:00	151	21			181	20				
11:15	175	21			152	13				
11:30	145	10			153	14				
11:45	172	9	643	61	191	8	677	55	1320	116
Totals	4120	7061			3444	6836				
Combined Totals		11181				10280				
ADT										21461
AM Peak Hour	815	AM			815	AM				
Volume	1011				810					
P.H.F.	0.909				0.764					
PM Peak Hour		500	PM			500	PM			
Volume		1018				1085				
P.H.F.		0.968				0.904				
Percentage	36.8%	63.2%			33.5%	66.5%				

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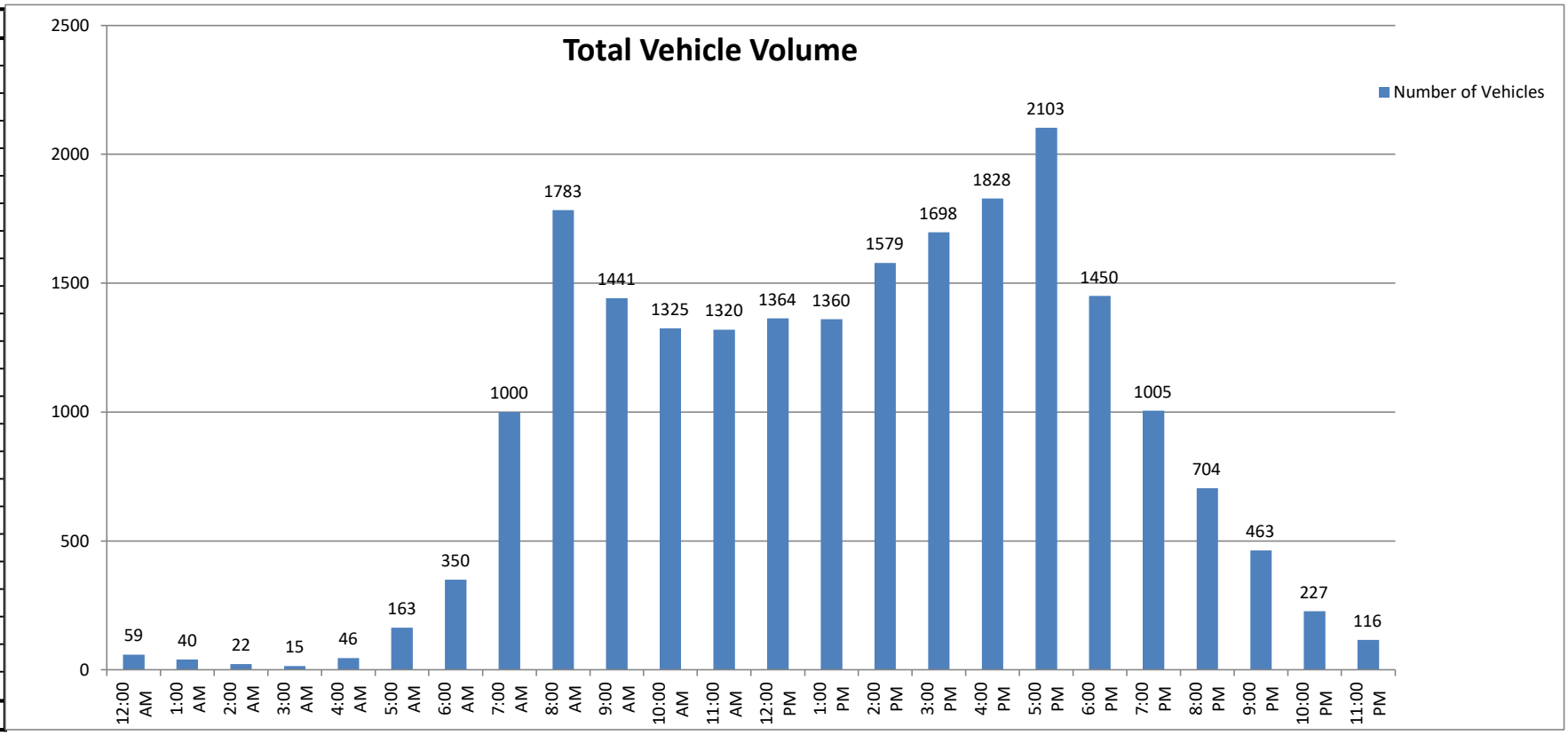
24 Hour Volume Plot

Barranca Parkway
B/ West Yale Loop - Lake Road

4/17/2024

Start Time	4/17/2024
12:00 AM	59
1:00 AM	40
2:00 AM	22
3:00 AM	15
4:00 AM	46
5:00 AM	163
6:00 AM	350
7:00 AM	1000
8:00 AM	1783
9:00 AM	1441
10:00 AM	1325
11:00 AM	1320
12:00 PM	1364
1:00 PM	1360
2:00 PM	1579
3:00 PM	1698
4:00 PM	1828
5:00 PM	2103
6:00 PM	1450
7:00 PM	1005
8:00 PM	704
9:00 PM	463
10:00 PM	227
11:00 PM	116
Total	21461



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Barranca Parkway
B/ West Yale Loop - Lake Road

File Name 66
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	189			8	170				
12:15	8	174			7	186				
12:30	8	185			4	162				
12:45	6	198	33	744	4	152	22	669	55	1413
1:00	3	165			6	172				
1:15	6	196			3	138				
1:30	6	177			7	166				
1:45	5	231	19	767	4	178	20	653	39	1420
2:00	5	206			1	177				
2:15	3	206			3	201				
2:30	3	189			3	210				
2:45	1	226	11	827	1	228	7	815	18	1642
3:00	1	211			1	200				
3:15	1	199			4	225				
3:30	4	214			3	204				
3:45	4	221	9	844	4	227	11	855	20	1699
4:00	3	211			8	234				
4:15	4	206			3	236				
4:30	11	229			4	261				
4:45	9	220	26	866	9	243	23	973	49	1838
5:00	13	263			11	303				
5:15	26	249			9	254				
5:30	29	251			16	273				
5:45	45	254	112	1016	15	244	49	1073	161	2089
6:00	23	217			33	214				
6:15	44	200			29	187				
6:30	56	156			40	165				
6:45	70	150	193	721	51	134	152	700	344	1421
7:00	105	157			58	143				
7:15	122	135			85	111				
7:30	167	124			110	114				
7:45	216	120	609	535	146	99	398	466	1006	1001
8:00	216	107			147	96				
8:15	294	104			205	89				
8:30	257	80			204	75				
8:45	259	73	1025	363	234	86	789	345	1814	708
9:00	213	64			173	78				
9:15	168	55			159	60				
9:30	209	67			163	52				
9:45	195	56	784	241	160	38	654	227	1438	468
10:00	169	36			155	47				
10:15	185	27			161	30				
10:30	152	24			160	18				
10:45	192	20	698	106	165	19	641	113	1338	219
11:00	157	23			182	19				
11:15	173	20			175	10				
11:30	165	11			165	13				
11:45	177	11	671	64	192	8	713	49	1384	113
Totals	4186	7092			3476	6935				
Combined Totals		11277				10411				
ADT										21688
AM Peak Hour	800	AM			815	AM				
Volume	1025				815					
P.H.F.	0.871				0.871					
PM Peak Hour		500	PM			500	PM			
Volume		1016				1073				
P.H.F.		0.967				0.887				
Percentage	37.1%	62.9%			33.4%	66.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Benchmark
B/ Bosque - Cadence

File Name 86
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	5			2	5				
12:15	1	4			0	10				
12:30	0	4			1	8				
12:45	1	6	2	19	2	10	5	33	7	52
1:00	0	0			2	0				
1:15	0	3			0	3				
1:30	0	8			0	3				
1:45	1	2	1	13	0	3	2	9	3	22
2:00	0	2			0	2				
2:15	0	1			0	4				
2:30	0	7			0	8				
2:45	0	8	0	18	0	2	0	16	0	34
3:00	0	23			0	4				
3:15	0	15			0	50				
3:30	0	9			2	9				
3:45	0	18	0	65	1	13	3	76	3	141
4:00	0	14			0	35				
4:15	0	17			0	12				
4:30	0	6			0	12				
4:45	0	8	0	45	0	14	0	73	0	118
5:00	0	6			0	5				
5:15	0	7			0	8				
5:30	2	11			0	18				
5:45	0	9	2	33	0	8	0	39	2	72
6:00	0	8			0	14				
6:15	0	10			0	18				
6:30	0	6			0	18				
6:45	1	6	1	30	0	14	0	64	1	94
7:00	0	10			1	5				
7:15	1	6			0	4				
7:30	7	5			2	9				
7:45	1	6	9	27	0	10	3	28	12	55
8:00	5	4			6	5				
8:15	4	5			3	4				
8:30	4	6			14	5				
8:45	24	3	37	18	10	4	33	18	70	36
9:00	56	4			38	6				
9:15	21	4			46	5				
9:30	7	4			8	3				
9:45	9	1	93	13	4	2	96	16	189	29
10:00	3	1			6	5				
10:15	6	1			6	2				
10:30	1	1			3	3				
10:45	7	1	17	4	2	0	17	10	34	14
11:00	8	1			5	2				
11:15	6	0			1	2				
11:30	4	3			6	0				
11:45	2	0	20	4	1	0	13	4	33	8
Totals	182	289			172	386				
Combined Totals		471				558				
ADT										1029
AM Peak Hour	845	AM			830	AM				
Volume	108				108					
P.H.F.	0.482				0.587					
PM Peak Hour		300	PM			315	PM			
Volume		65				107				
P.H.F.		0.707				0.535				
Percentage	38.6%	61.4%			30.8%	69.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

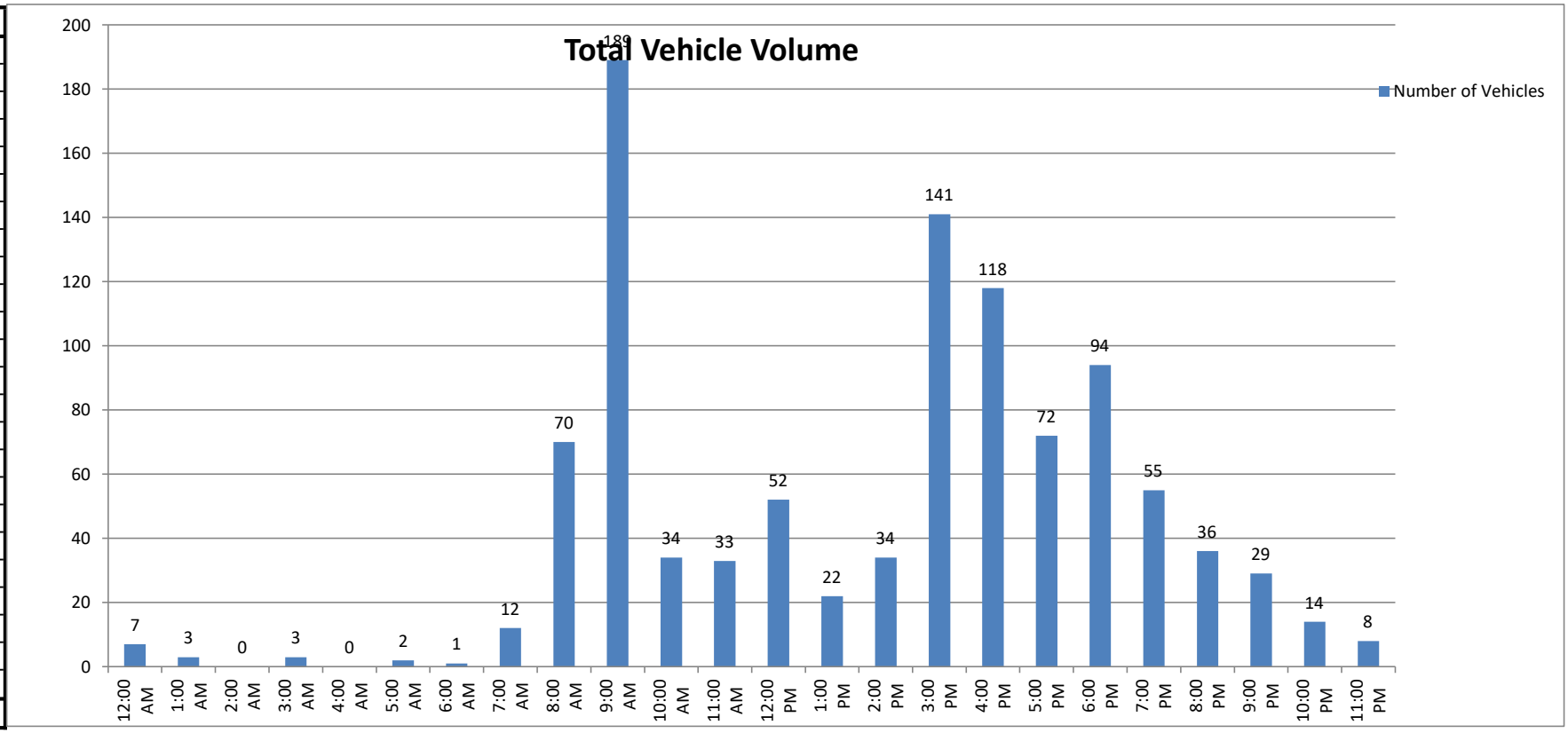
24 Hour Volume Plot

Benchmark

B/ Bosque - Cadence

2/27/2024

Start Time	2/27/2024
12:00 AM	7
1:00 AM	3
2:00 AM	0
3:00 AM	3
4:00 AM	0
5:00 AM	2
6:00 AM	1
7:00 AM	12
8:00 AM	70
9:00 AM	189
10:00 AM	34
11:00 AM	33
12:00 PM	52
1:00 PM	22
2:00 PM	34
3:00 PM	141
4:00 PM	118
5:00 PM	72
6:00 PM	94
7:00 PM	55
8:00 PM	36
9:00 PM	29
10:00 PM	14
11:00 PM	8
Total	1029



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Benchmark
B/ Bosque - Cadence

File Name 86
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	1			1	1				
12:15	0	8			1	7				
12:30	0	6			1	8				
12:45	1	3	2	18	0	6	3	22	5	40
1:00	0	4			0	3				
1:15	0	4			0	8				
1:30	0	3			0	6				
1:45	0	3	0	14	0	4	0	21	0	35
2:00	0	11			0	8				
2:15	0	22			0	6				
2:30	0	20			0	20				
2:45	1	22	1	75	0	23	0	57	1	132
3:00	0	10			0	37				
3:15	0	6			0	16				
3:30	0	10			0	23				
3:45	0	4	0	30	0	6	0	82	0	112
4:00	0	5			0	6				
4:15	0	3			0	4				
4:30	0	5			0	10				
4:45	0	5	0	18	0	6	0	26	0	44
5:00	0	10			0	9				
5:15	1	6			0	10				
5:30	0	8			0	6				
5:45	0	6	1	30	0	16	0	41	1	71
6:00	0	13			0	10				
6:15	1	8			0	12				
6:30	1	7			0	11				
6:45	0	8	2	36	0	13	0	46	2	82
7:00	0	5			1	6				
7:15	0	4			2	6				
7:30	2	3			0	3				
7:45	6	3	8	15	4	6	7	21	15	36
8:00	2	6			2	9				
8:15	5	6			5	3				
8:30	6	6			6	0				
8:45	26	3	39	21	12	2	25	14	64	35
9:00	56	3			39	4				
9:15	26	1			41	1				
9:30	11	2			12	4				
9:45	9	2	102	8	4	0	96	9	198	17
10:00	2	0			3	4				
10:15	5	0			5	4				
10:30	4	3			6	4				
10:45	6	0	17	3	3	3	17	15	34	18
11:00	6	4			6	2				
11:15	4	0			4	2				
11:30	4	0			6	2				
11:45	9	1	23	5	9	0	25	6	48	11
Totals	195	273			173	360				
Combined Totals		468				533				
ADT										1001
AM Peak Hour	845 AM				845 AM					
Volume	119				104					
P.H.F.	0.531				0.634					
PM Peak Hour		200 PM				245 PM				
Volume		75				99				
P.H.F.		0.852				0.669				
Percentage	41.7%	58.3%			32.5%	67.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

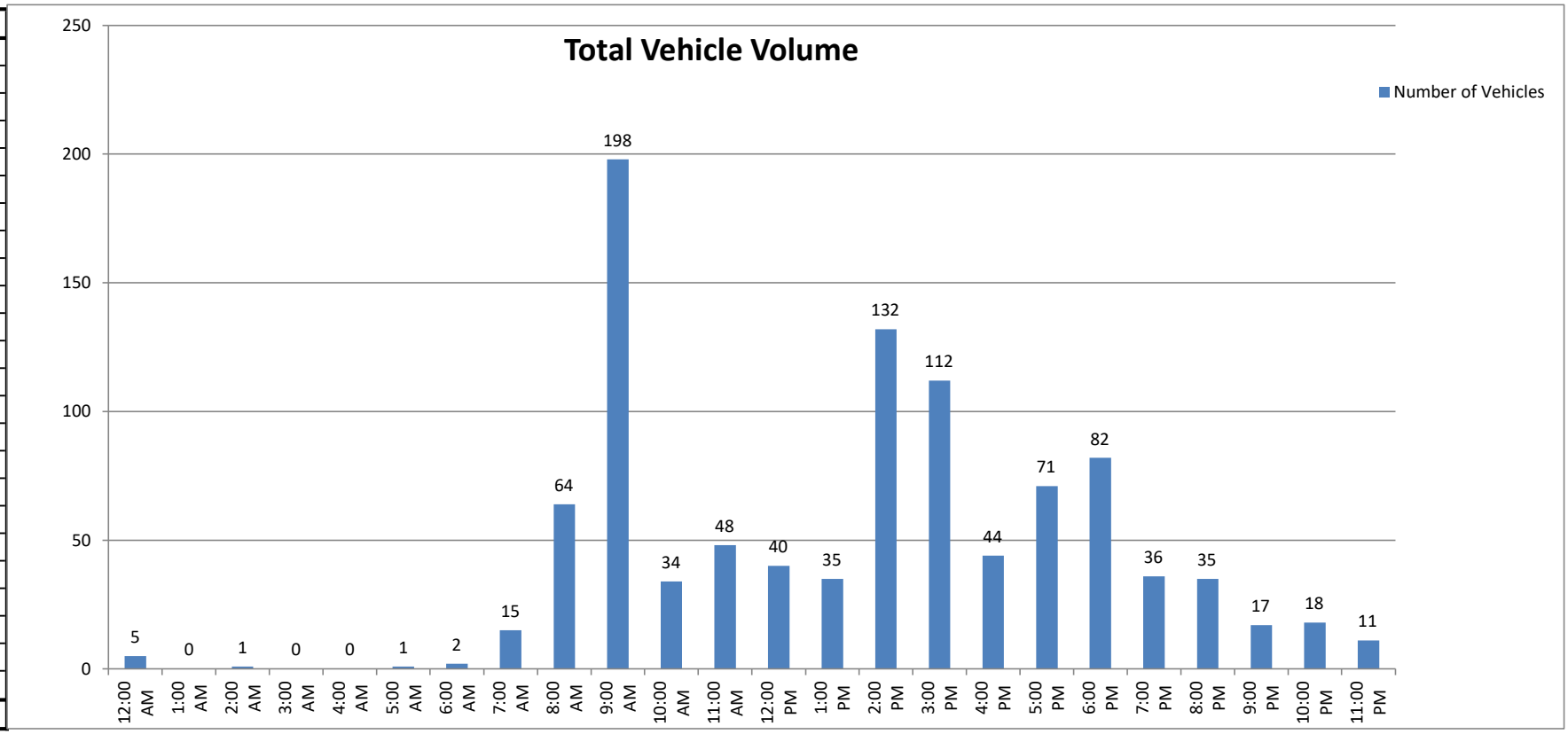
24 Hour Volume Plot

Benchmark

B/ Bosque - Cadence

2/28/2024

Start Time	2/28/2024
12:00 AM	5
1:00 AM	0
2:00 AM	1
3:00 AM	0
4:00 AM	0
5:00 AM	1
6:00 AM	2
7:00 AM	15
8:00 AM	64
9:00 AM	198
10:00 AM	34
11:00 AM	48
12:00 PM	40
1:00 PM	35
2:00 PM	132
3:00 PM	112
4:00 PM	44
5:00 PM	71
6:00 PM	82
7:00 PM	36
8:00 PM	35
9:00 PM	17
10:00 PM	18
11:00 PM	11
Total	1001



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Benchmark
B/ Bosque - Cadence

File Name 86
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	3			2	3				
12:15	1	6			1	9				
12:30	0	5			1	8				
12:45	1	5	2	19	1	8	4	28	6	46
1:00	0	2			1	2				
1:15	0	4			0	6				
1:30	0	6			0	5				
1:45	1	3	1	14	0	4	1	15	2	29
2:00	0	7			0	5				
2:15	0	12			0	5				
2:30	0	14			0	14				
2:45	1	15	1	47	0	13	0	37	1	83
3:00	0	17			0	21				
3:15	0	11			0	33				
3:30	0	10			1	16				
3:45	0	11	0	48	1	10	2	79	2	127
4:00	0	10			0	21				
4:15	0	10			0	8				
4:30	0	6			0	11				
4:45	0	7	0	32	0	10	0	50	0	81
5:00	0	8			0	7				
5:15	1	7			0	9				
5:30	1	10			0	12				
5:45	0	8	2	32	0	12	0	40	2	72
6:00	0	11			0	12				
6:15	1	9			0	15				
6:30	1	7			0	15				
6:45	1	7	2	33	0	14	0	55	2	88
7:00	0	8			1	6				
7:15	1	5			1	5				
7:30	5	4			1	6				
7:45	4	5	9	21	2	8	5	25	14	46
8:00	4	5			4	7				
8:15	5	6			4	4				
8:30	5	6			10	3				
8:45	25	3	38	20	11	3	29	16	67	36
9:00	56	4			39	5				
9:15	24	3			44	3				
9:30	9	3			10	4				
9:45	9	2	98	11	4	1	96	13	194	23
10:00	3	1			5	5				
10:15	6	1			6	3				
10:30	3	2			5	4				
10:45	7	1	17	4	3	2	17	13	34	16
11:00	7	3			6	2				
11:15	5	0			3	2				
11:30	4	2			6	1				
11:45	6	1	22	5	5	0	19	5	41	10
Totals	189	281			173	373				
Combined Totals		470				546				
ADT										1015
AM Peak Hour	845 AM				845 AM					
Volume	114				103					
P.H.F.	0.507				0.592					
PM Peak Hour		215 PM				245 PM				
Volume		57				82				
P.H.F.		0.856				0.621				
Percentage	40.1%	59.9%			31.6%	68.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Benchmark
B/ Ridge Valley - Bosque

File Name 85
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	2			1	8				
12:15	0	1			0	6				
12:30	1	3			1	5				
12:45	1	5	2	11	0	5	2	24	4	35
1:00	0	4			0	0				
1:15	0	5			0	4				
1:30	0	11			0	9				
1:45	0	9	0	29	0	1	0	14	0	43
2:00	0	12			0	4				
2:15	0	10			0	21				
2:30	0	20			1	20				
2:45	0	22	0	64	0	24	1	69	1	133
3:00	0	22			0	28				
3:15	0	19			0	14				
3:30	0	10			0	11				
3:45	0	14	0	65	0	18	0	71	0	136
4:00	1	10			1	7				
4:15	0	12			0	4				
4:30	2	18			0	18				
4:45	0	17	3	57	0	14	1	43	4	100
5:00	0	12			1	22				
5:15	1	10			0	11				
5:30	0	10			0	14				
5:45	0	15	1	47	0	19	1	66	2	113
6:00	0	8			0	10				
6:15	0	11			1	8				
6:30	2	3			4	8				
6:45	2	11	4	33	1	7	6	33	10	66
7:00	5	10			4	10				
7:15	4	9			4	7				
7:30	5	6			10	3				
7:45	16	6	30	31	8	7	26	27	56	58
8:00	37	4			47	8				
8:15	46	4			34	6				
8:30	13	10			13	6				
8:45	3	4	99	22	15	2	109	22	208	44
9:00	3	4			10	4				
9:15	4	4			7	2				
9:30	7	5			7	1				
9:45	8	1	22	14	5	0	29	7	51	21
10:00	8	0			8	2				
10:15	10	1			5	3				
10:30	4	0			6	2				
10:45	9	3	31	4	8	0	27	7	58	11
11:00	4	0			5	0				
11:15	5	2			8	1				
11:30	4	0			6	0				
11:45	4	1	17	3	5	1	24	2	41	5
Totals	209	380			226	385				
Combined Totals		589				611				
ADT										1200
AM Peak Hour	745	AM			800	AM				
Volume	112				109					
P.H.F.	0.609				0.580					
PM Peak Hour		230	PM			215	PM			
Volume		83				93				
P.H.F.		0.943				0.830				
Percentage	35.5%	64.5%			37.0%	63.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

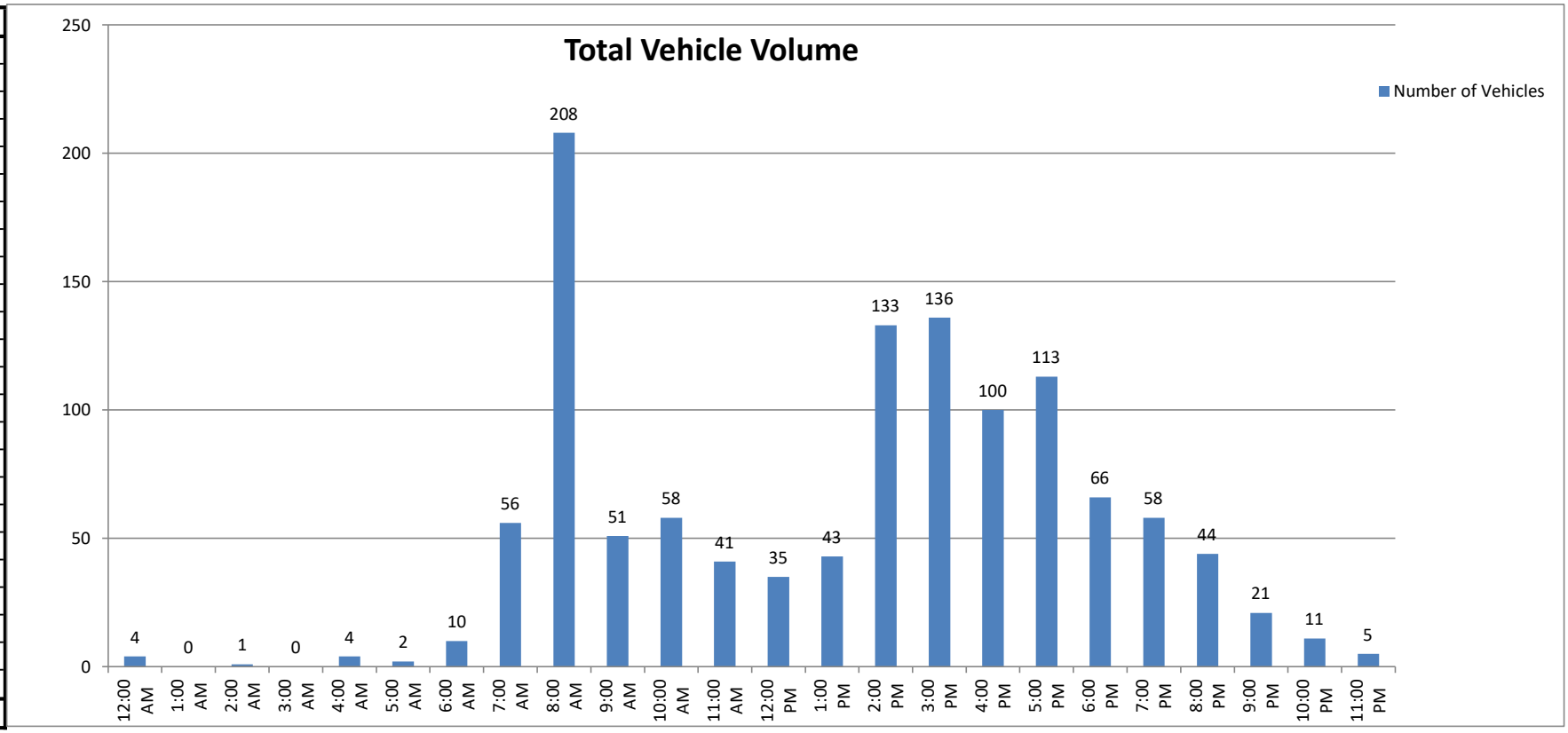
24 Hour Volume Plot

Benchmark

B/ Ridge Valley - Bosque

2/27/2024

Start Time	2/27/2024
12:00 AM	4
1:00 AM	0
2:00 AM	1
3:00 AM	0
4:00 AM	4
5:00 AM	2
6:00 AM	10
7:00 AM	56
8:00 AM	208
9:00 AM	51
10:00 AM	58
11:00 AM	41
12:00 PM	35
1:00 PM	43
2:00 PM	133
3:00 PM	136
4:00 PM	100
5:00 PM	113
6:00 PM	66
7:00 PM	58
8:00 PM	44
9:00 PM	21
10:00 PM	11
11:00 PM	5
Total	1200



Volumes represent the combined totals for both directions

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City of Irvine
Benchmark
B/ Ridge Valley - Bosque

File Name 85
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	5			1	4				
12:15	0	10			0	10				
12:30	1	6			0	6				
12:45	0	2	2	23	0	15	1	35	3	58
1:00	0	12			0	17				
1:15	0	16			0	17				
1:30	0	20			0	20				
1:45	1	16	1	64	0	10	0	64	1	128
2:00	0	14			0	14				
2:15	0	14			0	20				
2:30	0	16			0	12				
2:45	0	6	0	50	0	16	0	62	0	112
3:00	0	6			0	8				
3:15	0	10			0	8				
3:30	0	8			0	12				
3:45	0	10	0	34	0	8	0	36	0	70
4:00	0	9			0	14				
4:15	0	12			0	6				
4:30	1	12			2	12				
4:45	0	15	1	48	0	14	2	46	3	94
5:00	0	19			0	12				
5:15	1	10			1	18				
5:30	0	10			2	8				
5:45	0	16	1	55	0	18	3	56	4	111
6:00	0	6			0	8				
6:15	0	3			3	10				
6:30	3	3			1	11				
6:45	3	10	6	22	2	9	6	38	12	60
7:00	5	13			1	12				
7:15	4	7			9	7				
7:30	3	3			7	5				
7:45	13	6	25	29	9	2	26	26	51	55
8:00	40	9			48	6				
8:15	50	4			32	6				
8:30	18	6			10	1				
8:45	6	2	114	21	16	5	106	18	220	39
9:00	4	2			10	0				
9:15	6	1			5	2				
9:30	3	3			8	5				
9:45	9	1	22	7	6	2	29	9	51	16
10:00	2	3			6	1				
10:15	8	1			2	0				
10:30	4	0			8	0				
10:45	6	1	20	5	7	0	23	1	43	6
11:00	1	0			6	1				
11:15	5	1			8	0				
11:30	9	1			10	1				
11:45	9	0	24	2	9	0	33	2	57	4
Totals	216	360			229	393				
Combined Totals		576				622				
ADT										1198
AM Peak Hour	745	AM			800	AM				
Volume	121				106					
P.H.F.	0.605				0.552					
PM Peak Hour		115	PM			2445	PM			
Volume		66				69				
P.H.F.		0.825				0.863				
Percentage	37.5%	62.5%			36.8%	63.2%				

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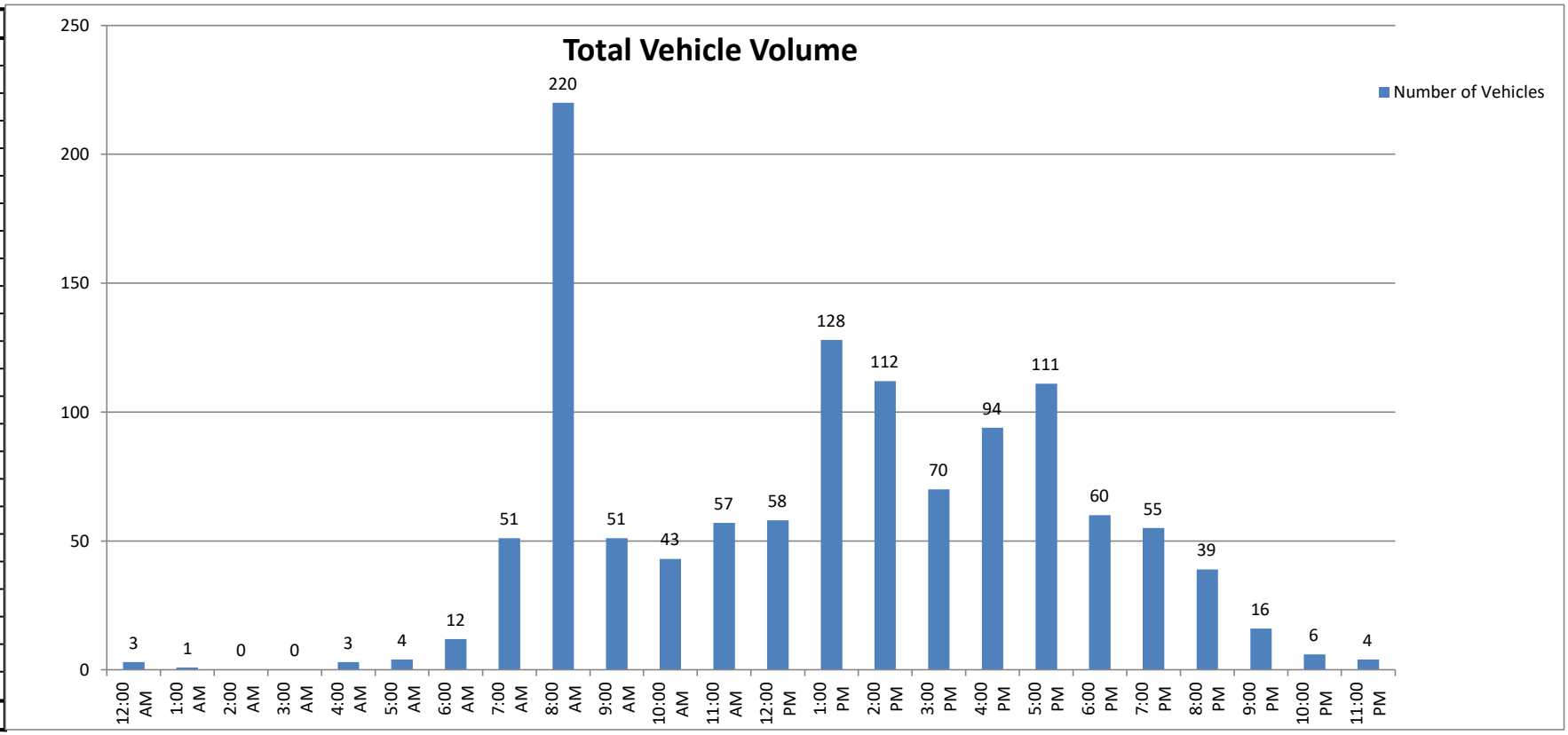
24 Hour Volume Plot

Benchmark

B/ Ridge Valley - Bosque

2/28/2024

Start Time	2/28/2024
12:00 AM	3
1:00 AM	1
2:00 AM	0
3:00 AM	0
4:00 AM	3
5:00 AM	4
6:00 AM	12
7:00 AM	51
8:00 AM	220
9:00 AM	51
10:00 AM	43
11:00 AM	57
12:00 PM	58
1:00 PM	128
2:00 PM	112
3:00 PM	70
4:00 PM	94
5:00 PM	111
6:00 PM	60
7:00 PM	55
8:00 PM	39
9:00 PM	16
10:00 PM	6
11:00 PM	4
Total	1198



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Benchmark
B/ Ridge Valley - Bosque

File Name 85
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	4			1	6				
12:15	0	6			0	8				
12:30	1	5			1	6				
12:45	1	4	2	17	0	10	2	30	4	47
1:00	0	8			0	9				
1:15	0	11			0	11				
1:30	0	16			0	15				
1:45	1	13	1	47	0	6	0	39	1	86
2:00	0	13			0	9				
2:15	0	12			0	21				
2:30	0	18			1	16				
2:45	0	14	0	57	0	20	1	66	1	123
3:00	0	14			0	18				
3:15	0	15			0	11				
3:30	0	9			0	12				
3:45	0	12	0	50	0	13	0	54	0	103
4:00	1	10			1	11				
4:15	0	12			0	5				
4:30	2	15			1	15				
4:45	0	16	2	53	0	14	2	45	4	97
5:00	0	16			1	17				
5:15	1	10			1	15				
5:30	0	10			1	11				
5:45	0	16	1	51	0	19	2	61	3	112
6:00	0	7			0	9				
6:15	0	7			2	9				
6:30	3	3			3	10				
6:45	3	11	5	28	2	8	6	36	11	63
7:00	5	12			3	11				
7:15	4	8			7	7				
7:30	4	5			9	4				
7:45	15	6	28	30	9	5	26	27	54	57
8:00	39	7			48	7				
8:15	48	4			33	6				
8:30	16	8			12	4				
8:45	5	3	107	22	16	4	108	20	214	42
9:00	4	3			10	2				
9:15	5	3			6	2				
9:30	5	4			8	3				
9:45	9	1	22	11	6	1	29	8	51	19
10:00	5	2			7	2				
10:15	9	1			4	2				
10:30	4	0			7	1				
10:45	8	2	26	5	8	0	25	4	51	9
11:00	3	0			6	1				
11:15	5	2			8	1				
11:30	7	1			8	1				
11:45	7	1	21	3	7	1	29	2	49	5
Totals	213	370			228	389				
Combined Totals		583				617				
ADT										1199
AM Peak Hour	745	AM			800	AM				
Volume	117				108					
P.H.F.	0.607				0.566					
PM Peak Hour		230	PM			215	PM			
Volume		61				75				
P.H.F.		0.840				0.909				
Percentage	36.5%	63.5%			36.9%	63.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Bosque
B/ Cadence - Great Park Boulevard

File Name 90
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	69			4	39				
12:15	11	72			2	42				
12:30	8	80			1	36				
12:45	6	67	38	288	1	36	8	153	46	441
1:00	5	72			1	37				
1:15	1	69			0	31				
1:30	2	73			0	28				
1:45	4	101	12	315	0	38	1	134	13	449
2:00	3	95			0	64				
2:15	2	92			0	127				
2:30	0	105			0	65				
2:45	2	77	7	369	3	74	3	330	10	699
3:00	2	104			1	79				
3:15	2	109			1	68				
3:30	1	105			2	85				
3:45	2	98	7	416	0	127	4	359	11	775
4:00	0	120			2	119				
4:15	1	113			2	123				
4:30	0	106			0	96				
4:45	1	130	2	469	2	92	6	430	8	899
5:00	3	142			10	74				
5:15	6	127			14	75				
5:30	9	118			17	116				
5:45	22	150	40	537	17	129	58	394	98	931
6:00	21	216			16	69				
6:15	38	156			13	56				
6:30	35	106			39	66				
6:45	50	100	144	578	32	59	100	250	244	828
7:00	59	123			50	59				
7:15	56	109			53	35				
7:30	74	133			86	41				
7:45	98	94	287	459	95	41	284	176	571	635
8:00	123	101			156	17				
8:15	130	79			128	26				
8:30	46	62			142	25				
8:45	52	74	351	316	68	25	494	93	845	409
9:00	51	79			47	13				
9:15	33	55			39	13				
9:30	40	24			52	18				
9:45	55	40	179	198	41	8	179	52	358	250
10:00	52	35			51	3				
10:15	44	27			43	4				
10:30	55	15			41	2				
10:45	56	13	207	90	37	4	172	13	379	103
11:00	51	24			29	1				
11:15	48	15			33	1				
11:30	54	12			29	4				
11:45	54	12	207	63	28	3	119	9	326	72
Totals	1481	4098			1428	2393				
Combined Totals		5579				3821				
ADT										9400
AM Peak Hour	730	AM			745	AM				
Volume	425				521					
P.H.F.	0.817				0.835					
PM Peak Hour		530	PM			345	PM			
Volume		640				465				
P.H.F.		0.741				0.915				
Percentage	26.5%	73.5%			37.4%	62.6%				

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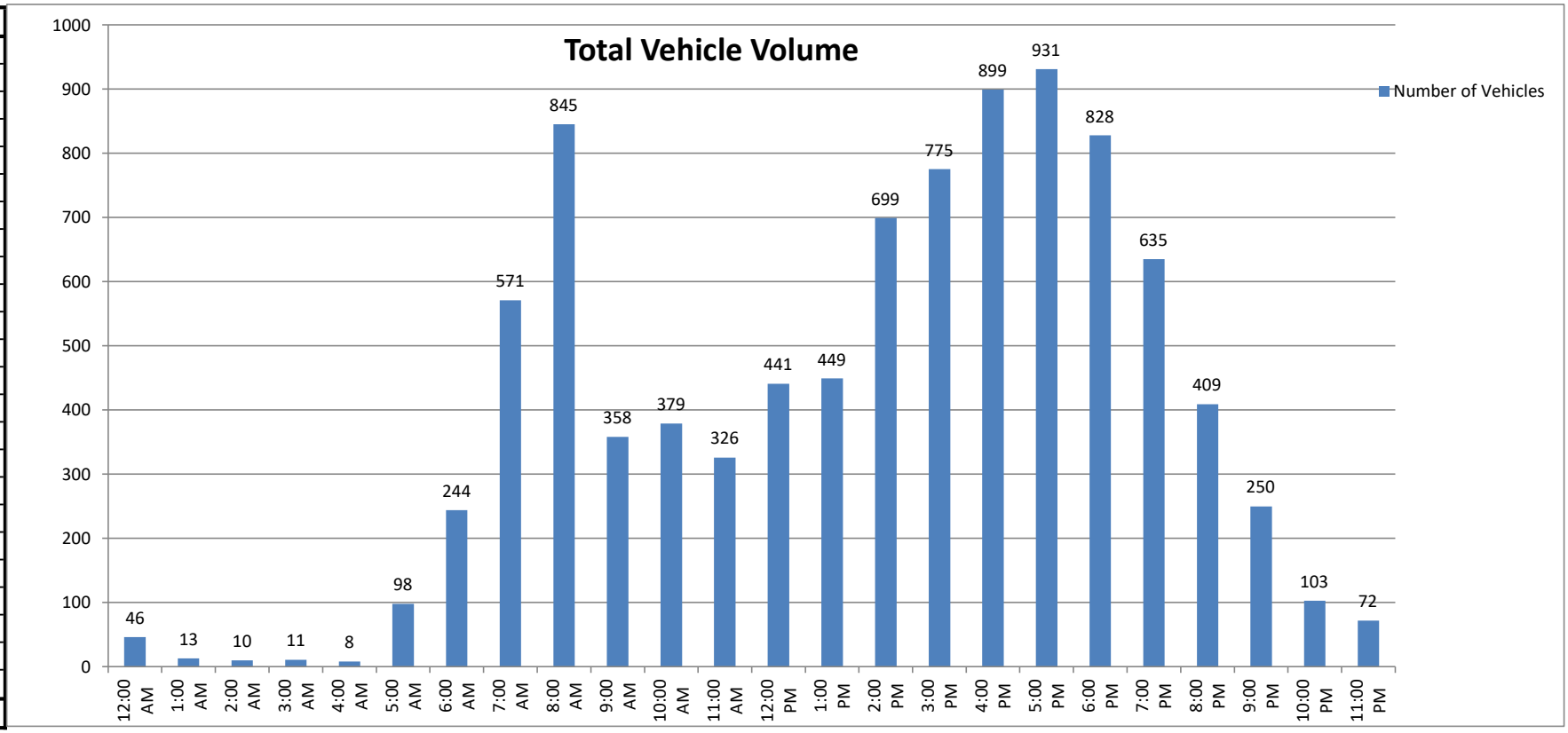
24 Hour Volume Plot

Bosque

B/ Cadence - Great Park Boulevard

2/27/2024

Start Time	2/27/2024
12:00 AM	46
1:00 AM	13
2:00 AM	10
3:00 AM	11
4:00 AM	8
5:00 AM	98
6:00 AM	244
7:00 AM	571
8:00 AM	845
9:00 AM	358
10:00 AM	379
11:00 AM	326
12:00 PM	441
1:00 PM	449
2:00 PM	699
3:00 PM	775
4:00 PM	899
5:00 PM	931
6:00 PM	828
7:00 PM	635
8:00 PM	409
9:00 PM	250
10:00 PM	103
11:00 PM	72
Total	9400



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Bosque
B/ Cadence - Great Park Boulevard

File Name 90
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	71			1	29				
12:15	4	67			0	41				
12:30	7	84			1	41				
12:45	1	86	15	308	0	48	2	159	17	467
1:00	8	57			0	47				
1:15	6	65			0	44				
1:30	3	84			0	48				
1:45	2	122	19	328	0	54	0	193	19	521
2:00	1	100			3	91				
2:15	5	87			0	143				
2:30	1	74			5	94				
2:45	1	75	8	336	1	61	9	389	17	725
3:00	2	110			0	58				
3:15	1	124			1	62				
3:30	1	96			0	73				
3:45	1	121	5	451	1	92	2	285	7	736
4:00	0	110			0	103				
4:15	0	117			0	93				
4:30	2	106			5	116				
4:45	2	129	4	462	5	105	10	417	14	879
5:00	6	134			8	89				
5:15	6	136			9	78				
5:30	9	136			14	108				
5:45	22	135	43	541	19	86	50	361	93	902
6:00	14	199			16	76				
6:15	30	137			15	67				
6:30	43	138			37	67				
6:45	51	99	138	573	16	70	84	280	222	853
7:00	48	138			48	42				
7:15	51	106			64	34				
7:30	94	135			78	34				
7:45	83	97	276	476	100	29	290	139	566	615
8:00	112	98			135	29				
8:15	132	54			133	21				
8:30	83	68			148	14				
8:45	60	69	387	289	91	18	507	82	894	371
9:00	49	64			67	24				
9:15	47	73			49	10				
9:30	44	44			36	16				
9:45	61	34	201	215	47	12	199	62	400	277
10:00	51	30			42	3				
10:15	56	28			28	3				
10:30	48	23			38	4				
10:45	39	30	194	111	43	5	151	15	345	126
11:00	40	16			25	1				
11:15	46	14			33	0				
11:30	51	13			39	2				
11:45	50	7	187	50	27	1	124	4	311	54
Totals	1477	4140			1428	2386				
Combined Totals		5617				3814				
ADT										9431
AM Peak Hour	730	AM			745	AM				
Volume	421				516					
P.H.F.	0.797				0.872					
PM Peak Hour		545	PM			400	PM			
Volume		609				417				
P.H.F.		0.765				0.899				
Percentage	26.3%	73.7%			37.4%	62.6%				

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Counts Unlimited, Inc.
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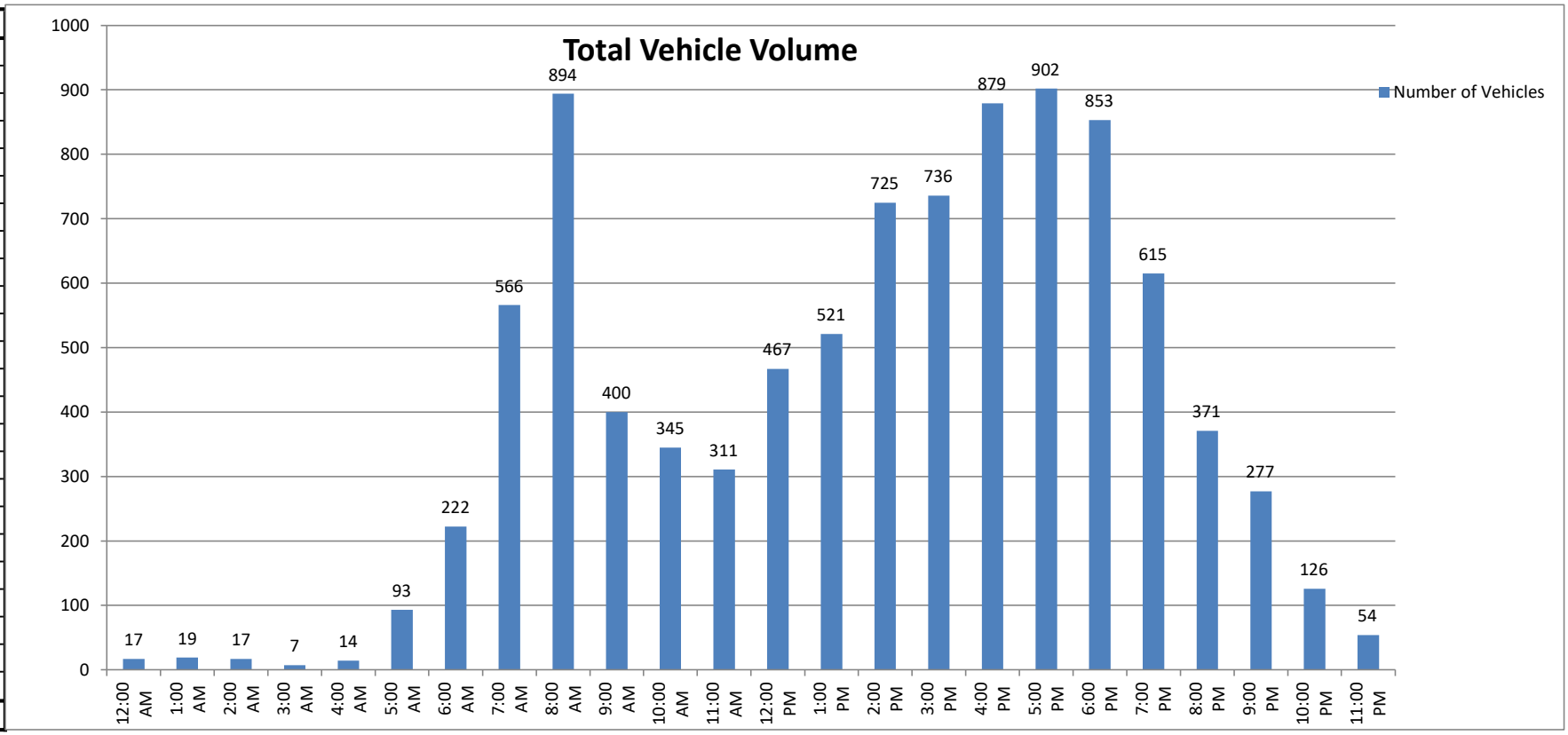
24 Hour Volume Plot

Bosque

B/ Cadence - Great Park Boulevard

2/28/2024

Start Time	2/28/2024
12:00 AM	17
1:00 AM	19
2:00 AM	17
3:00 AM	7
4:00 AM	14
5:00 AM	93
6:00 AM	222
7:00 AM	566
8:00 AM	894
9:00 AM	400
10:00 AM	345
11:00 AM	311
12:00 PM	467
1:00 PM	521
2:00 PM	725
3:00 PM	736
4:00 PM	879
5:00 PM	902
6:00 PM	853
7:00 PM	615
8:00 PM	371
9:00 PM	277
10:00 PM	126
11:00 PM	54
Total	9431



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bosque
B/ Cadence - Great Park Boulevard

File Name 90
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	70			3	34				
12:15	8	70			1	42				
12:30	8	82			1	39				
12:45	4	77	27	298	1	42	5	156	32	454
1:00	7	65			1	42				
1:15	4	67			0	38				
1:30	3	79			0	38				
1:45	3	112	16	322	0	46	1	164	16	485
2:00	2	98			2	78				
2:15	4	90			0	135				
2:30	1	90			3	80				
2:45	2	76	8	353	2	68	6	360	14	712
3:00	2	107			1	69				
3:15	2	117			1	65				
3:30	1	101			1	79				
3:45	2	110	6	434	1	110	3	322	9	756
4:00	0	115			1	111				
4:15	1	115			1	108				
4:30	1	106			3	106				
4:45	2	130	3	466	4	99	8	424	11	889
5:00	5	138			9	82				
5:15	6	132			12	77				
5:30	9	127			16	112				
5:45	22	143	42	539	18	108	54	378	96	917
6:00	18	208			16	73				
6:15	34	147			14	62				
6:30	39	122			38	67				
6:45	51	100	141	576	24	65	92	265	233	841
7:00	54	131			49	51				
7:15	54	108			59	35				
7:30	84	134			82	38				
7:45	91	96	282	468	98	35	287	158	569	625
8:00	118	100			146	23				
8:15	131	67			131	24				
8:30	65	65			145	20				
8:45	56	72	369	303	80	22	501	88	870	390
9:00	50	72			57	19				
9:15	40	64			44	12				
9:30	42	34			44	17				
9:45	58	37	190	207	44	10	189	57	379	264
10:00	52	33			47	3				
10:15	50	28			36	4				
10:30	52	19			40	3				
10:45	48	22	201	101	40	5	162	14	362	115
11:00	46	20			27	1				
11:15	47	15			33	1				
11:30	53	13			34	3				
11:45	52	10	197	57	28	2	122	7	319	63
Totals	1479	4119			1428	2390				
Combined Totals		5598				3818				
ADT										9416
AM Peak Hour	730	AM			745	AM				
Volume	423				519					
P.H.F.	0.807				0.891					
PM Peak Hour		530	PM			345	PM			
Volume		624				435				
P.H.F.		0.751				0.979				
Percentage	26.4%	73.6%			37.4%	62.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Bosque
B/ Irvine Boulevard - Cadence

File Name 89
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	30			1	22				
12:15	3	36			2	22				
12:30	2	22			0	20				
12:45	0	35	12	123	1	14	4	78	16	201
1:00	1	28			1	16				
1:15	0	24			1	24				
1:30	1	12			3	18				
1:45	1	26	3	90	0	22	5	80	8	170
2:00	1	36			0	32				
2:15	0	54			0	36				
2:30	2	37			2	33				
2:45	2	44	5	171	0	45	2	146	7	317
3:00	1	48			0	37				
3:15	0	38			0	30				
3:30	0	38			1	40				
3:45	3	48	4	172	0	41	1	148	5	320
4:00	0	40			1	46				
4:15	1	37			1	56				
4:30	0	44			0	39				
4:45	2	52	3	173	2	51	4	192	7	365
5:00	1	60			6	32				
5:15	2	41			6	42				
5:30	2	44			5	82				
5:45	7	47	12	192	5	67	22	223	34	415
6:00	2	68			8	30				
6:15	6	38			2	30				
6:30	9	34			11	26				
6:45	7	46	24	186	13	38	34	124	58	310
7:00	12	35			18	34				
7:15	21	38			21	28				
7:30	26	48			22	28				
7:45	36	29	95	150	37	18	98	108	193	258
8:00	46	33			52	15				
8:15	55	21			42	12				
8:30	42	18			43	20				
8:45	30	28	173	100	32	20	169	67	342	167
9:00	26	30			18	8				
9:15	10	25			20	16				
9:30	19	12			27	5				
9:45	19	6	74	73	20	5	85	34	159	107
10:00	19	13			15	4				
10:15	16	3			26	2				
10:30	25	3			18	3				
10:45	21	3	81	22	14	1	73	10	154	32
11:00	16	7			16	3				
11:15	16	7			16	5				
11:30	17	4			14	6				
11:45	24	5	73	23	14	6	60	20	133	43
Totals	559	1475			557	1230				
Combined Totals		2034				1787				
ADT										3821
AM Peak Hour	745	AM			745	AM				
Volume	179				174					
P.H.F.	0.814				0.837					
PM Peak Hour		515	PM			500	PM			
Volume		200				223				
P.H.F.		0.735				0.680				
Percentage	27.5%	72.5%			31.2%	68.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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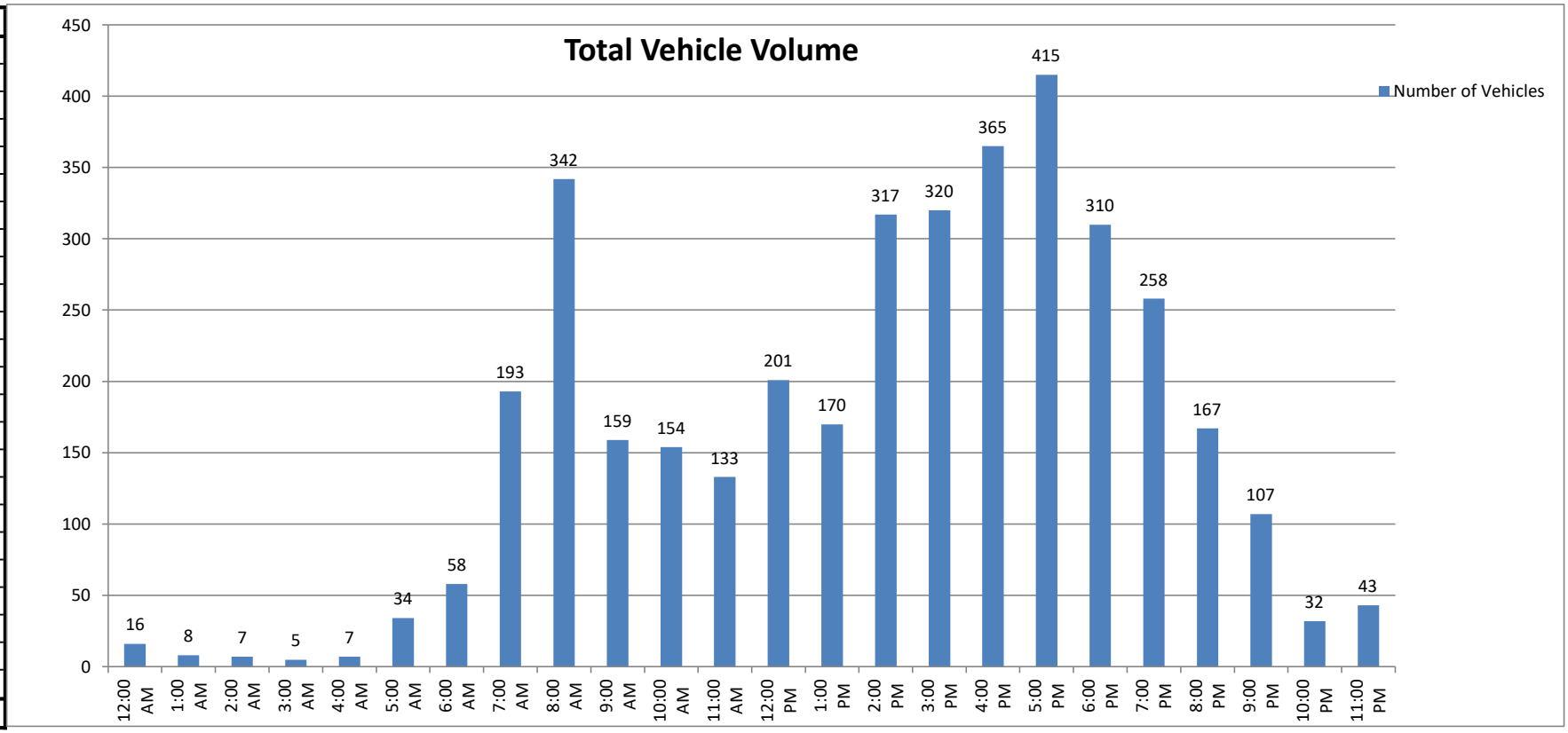
Corona, CA 92878

24 Hour Volume Plot

Bosque
B/ Irvine Boulevard - Cadence
2/27/2024

Start Time	2/27/2024
12:00 AM	16
1:00 AM	8
2:00 AM	7
3:00 AM	5
4:00 AM	7
5:00 AM	34
6:00 AM	58
7:00 AM	193
8:00 AM	342
9:00 AM	159
10:00 AM	154
11:00 AM	133
12:00 PM	201
1:00 PM	170
2:00 PM	317
3:00 PM	320
4:00 PM	365
5:00 PM	415
6:00 PM	310
7:00 PM	258
8:00 PM	167
9:00 PM	107
10:00 PM	32
11:00 PM	43
Total	3821



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bosque
B/ Irvine Boulevard - Cadence

File Name 89
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	22			3	15				
12:15	0	28			1	17				
12:30	2	22			2	19				
12:45	1	22	4	94	2	29	8	80	12	174
1:00	1	26			1	26				
1:15	3	26			0	22				
1:30	1	30			1	25				
1:45	1	30	6	112	0	25	2	98	8	210
2:00	1	42			4	36				
2:15	2	52			0	32				
2:30	1	37			4	32				
2:45	0	32	4	163	2	38	10	138	14	301
3:00	0	39			0	29				
3:15	0	41			1	35				
3:30	1	48			0	38				
3:45	0	38	1	166	0	41	1	143	2	309
4:00	0	35			0	54				
4:15	0	47			2	48				
4:30	0	26			1	59				
4:45	5	46	5	154	6	59	9	220	14	374
5:00	0	50			2	48				
5:15	1	56			3	42				
5:30	3	47			6	58				
5:45	7	49	11	202	11	58	22	206	33	408
6:00	6	71			9	46				
6:15	4	50			6	33				
6:30	10	48			12	46				
6:45	9	37	29	206	16	36	43	161	72	367
7:00	20	46			17	28				
7:15	12	39			29	23				
7:30	32	50			30	20				
7:45	29	31	93	166	36	23	112	94	205	260
8:00	52	33			50	14				
8:15	46	19			56	20				
8:30	42	17			44	15				
8:45	34	18	174	87	32	12	182	61	356	148
9:00	18	22			26	10				
9:15	18	32			22	14				
9:30	21	14			15	13				
9:45	16	10	73	78	18	9	81	46	154	124
10:00	27	5			23	9				
10:15	25	9			18	3				
10:30	16	9			18	5				
10:45	14	7	82	30	22	4	81	21	163	51
11:00	18	4			23	3				
11:15	21	8			14	2				
11:30	19	2			28	2				
11:45	17	6	75	20	23	2	88	9	163	29
Totals	557	1478			639	1277				
Combined Totals		2035				1916				
ADT										3951
AM Peak Hour	800	AM			745	AM				
Volume	174				186					
P.H.F.	0.837				0.830					
PM Peak Hour		515	PM			400	PM			
Volume		223				220				
P.H.F.		0.785				0.932				
Percentage	27.4%	72.6%			33.4%	66.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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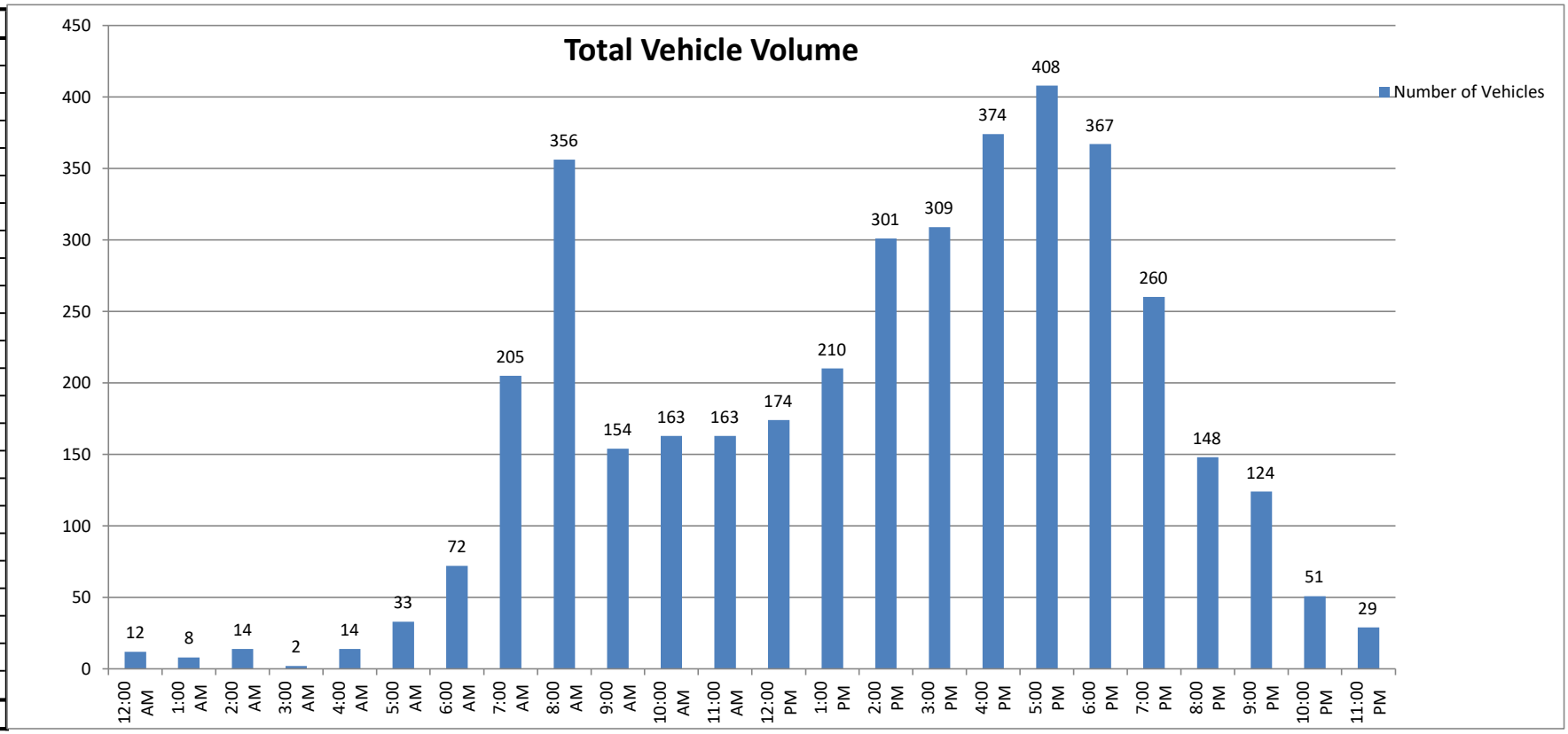
24 Hour Volume Plot

Bosque

B/ Irvine Boulevard - Cadence

2/28/2024

Start Time	2/28/2024
12:00 AM	12
1:00 AM	8
2:00 AM	14
3:00 AM	2
4:00 AM	14
5:00 AM	33
6:00 AM	72
7:00 AM	205
8:00 AM	356
9:00 AM	154
10:00 AM	163
11:00 AM	163
12:00 PM	174
1:00 PM	210
2:00 PM	301
3:00 PM	309
4:00 PM	374
5:00 PM	408
6:00 PM	367
7:00 PM	260
8:00 PM	148
9:00 PM	124
10:00 PM	51
11:00 PM	29
Total	3951



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bosque
B/ Irvine Boulevard - Cadence

File Name 89
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	26			2	19				
12:15	2	32			2	20				
12:30	2	22			1	20				
12:45	1	29	8	109	2	22	6	79	14	188
1:00	1	27			1	21				
1:15	2	25			1	23				
1:30	1	21			2	22				
1:45	1	28	5	101	0	24	4	89	8	190
2:00	1	39			2	34				
2:15	1	53			0	34				
2:30	2	37			3	33				
2:45	1	38	5	167	1	42	6	142	11	309
3:00	1	44			0	33				
3:15	0	40			1	33				
3:30	1	43			1	39				
3:45	2	43	3	169	0	41	1	146	4	315
4:00	0	38			1	50				
4:15	1	42			2	52				
4:30	0	35			1	49				
4:45	4	49	4	164	4	55	7	206	11	370
5:00	1	55			4	40				
5:15	2	49			5	42				
5:30	3	46			6	70				
5:45	7	48	12	197	8	63	22	215	34	412
6:00	4	70			9	38				
6:15	5	44			4	32				
6:30	10	41			12	36				
6:45	8	42	27	196	15	37	39	143	65	339
7:00	16	41			18	31				
7:15	17	39			25	26				
7:30	29	49			26	24				
7:45	33	30	94	158	37	21	105	101	199	259
8:00	49	33			51	15				
8:15	51	20			49	16				
8:30	42	18			44	18				
8:45	32	23	174	94	32	16	176	64	349	158
9:00	22	26			22	9				
9:15	14	29			21	15				
9:30	20	13			21	9				
9:45	18	8	74	76	19	7	83	40	157	116
10:00	23	9			19	7				
10:15	21	6			22	3				
10:30	21	6			18	4				
10:45	18	5	82	26	18	3	77	16	159	42
11:00	17	6			20	3				
11:15	19	8			15	4				
11:30	18	3			21	4				
11:45	21	6	74	22	19	4	74	15	148	36
Totals	558	1477			598	1254				
Combined Totals		2035				1852				
ADT										3886
AM Peak Hour	745 AM				745 AM					
Volume	174				180					
P.H.F.	0.861				0.882					
PM Peak Hour		515 PM				500 PM				
Volume		212				215				
P.H.F.		0.761				0.766				
Percentage	27.4%	72.6%			32.3%	67.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Culver Drive - Yale Avenue

File Name 93
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	125			2	97				
12:15	6	85			4	122				
12:30	9	114			5	120				
12:45	4	135	30	459	2	84	13	423	43	882
1:00	5	126			3	108				
1:15	2	119			0	99				
1:30	2	120			5	97				
1:45	2	124	11	489	2	85	10	389	21	878
2:00	2	138			2	103				
2:15	5	142			0	134				
2:30	2	192			1	174				
2:45	2	131	11	603	0	181	3	592	14	1195
3:00	2	136			2	174				
3:15	0	113			2	133				
3:30	3	146			0	145				
3:45	3	145	8	540	2	140	6	592	14	1132
4:00	2	175			4	157				
4:15	6	158			3	157				
4:30	5	158			5	175				
4:45	3	161	16	652	8	153	20	642	36	1294
5:00	5	179			11	144				
5:15	7	204			21	137				
5:30	27	182			19	158				
5:45	16	145	55	710	27	164	78	603	133	1313
6:00	30	157			24	140				
6:15	25	166			35	112				
6:30	40	169			50	107				
6:45	36	162	131	654	57	110	166	469	297	1123
7:00	66	114			62	89				
7:15	67	132			79	77				
7:30	101	127			121	84				
7:45	118	118	352	491	187	72	449	322	801	813
8:00	130	86			233	72				
8:15	110	107			187	57				
8:30	108	115			140	44				
8:45	111	87	459	395	119	41	679	214	1138	609
9:00	89	66			109	56				
9:15	83	64			122	41				
9:30	78	72			104	30				
9:45	78	47	328	249	109	22	444	149	772	398
10:00	76	41			100	30				
10:15	90	34			89	13				
10:30	85	21			107	20				
10:45	104	27	355	123	85	8	381	71	736	194
11:00	92	24			114	12				
11:15	127	27			81	7				
11:30	94	13			84	7				
11:45	114	11	427	75	103	4	382	30	809	105
Totals	2183	5440			2631	4496				
Combined Totals		7623				7127				
ADT										14750
AM Peak Hour	745	AM			745	AM				
Volume	466				747					
P.H.F.	0.896				0.802					
PM Peak Hour		445	PM			215	PM			
Volume		726				663				
P.H.F.		0.890				0.916				
Percentage	28.6%	71.4%			36.9%	63.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

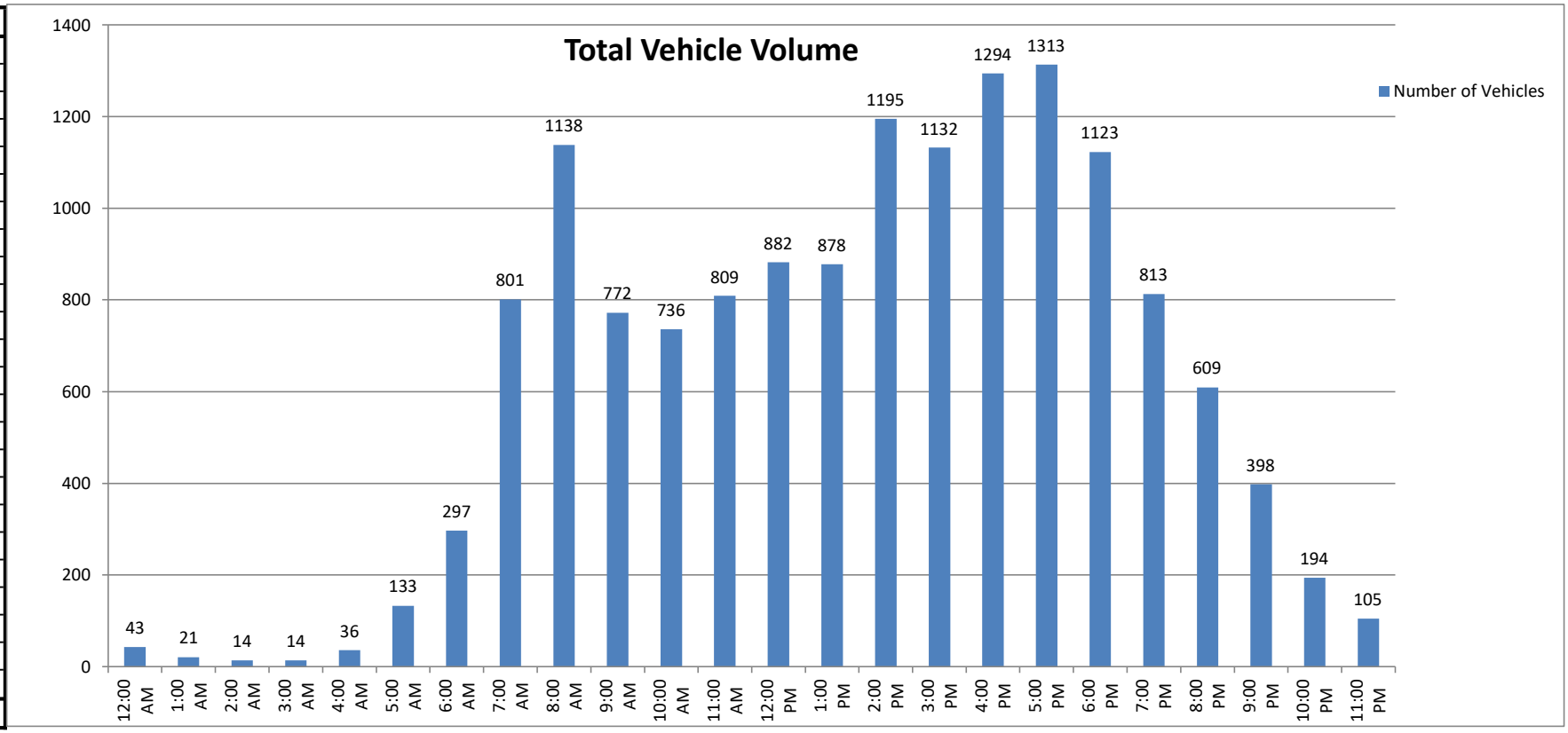
24 Hour Volume Plot

Bryan Avenue

B/ Culver Drive - Yale Avenue

2/27/2024

Start Time	2/27/2024
12:00 AM	43
1:00 AM	21
2:00 AM	14
3:00 AM	14
4:00 AM	36
5:00 AM	133
6:00 AM	297
7:00 AM	801
8:00 AM	1138
9:00 AM	772
10:00 AM	736
11:00 AM	809
12:00 PM	882
1:00 PM	878
2:00 PM	1195
3:00 PM	1132
4:00 PM	1294
5:00 PM	1313
6:00 PM	1123
7:00 PM	813
8:00 PM	609
9:00 PM	398
10:00 PM	194
11:00 PM	105
Total	14750



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Culver Drive - Yale Avenue

File Name 93
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	114			5	94				
12:15	8	135			4	81				
12:30	6	104			5	104				
12:45	14	135	40	488	3	99	17	378	57	866
1:00	7	154			6	101				
1:15	4	142			2	109				
1:30	6	132			3	162				
1:45	1	119	18	547	1	135	12	507	30	1054
2:00	2	125			1	120				
2:15	3	108			2	118				
2:30	2	137			0	126				
2:45	1	135	8	505	1	187	4	551	12	1056
3:00	0	150			2	142				
3:15	1	128			3	124				
3:30	3	146			1	146				
3:45	7	142	11	566	3	156	9	568	20	1134
4:00	2	190			3	147				
4:15	2	150			2	134				
4:30	10	184			5	160				
4:45	1	147	15	671	7	167	17	608	32	1279
5:00	9	164			14	177				
5:15	9	208			23	155				
5:30	20	174			14	168				
5:45	22	171	60	717	17	161	68	661	128	1378
6:00	26	183			32	155				
6:15	30	155			29	124				
6:30	33	200			41	114				
6:45	32	153	121	691	61	101	163	494	284	1185
7:00	45	153			65	102				
7:15	65	137			62	87				
7:30	93	145			108	82				
7:45	140	109	343	544	189	77	424	348	767	892
8:00	86	98			196	57				
8:15	109	96			182	58				
8:30	100	84			140	60				
8:45	104	77	399	355	150	50	668	225	1067	580
9:00	114	81			124	38				
9:15	93	92			83	51				
9:30	87	47			80	31				
9:45	84	48	378	268	102	26	389	146	767	414
10:00	70	54			82	31				
10:15	92	48			100	19				
10:30	77	28			78	7				
10:45	102	26	341	156	102	10	362	67	703	223
11:00	102	31			89	19				
11:15	92	29			116	6				
11:30	92	11			103	5				
11:45	106	12	392	83	92	8	400	38	792	121
Totals	2126	5591			2533	4591				
Combined Totals		7717				7124				
ADT										14841
AM Peak Hour	745	AM			745	AM				
Volume	435				707					
P.H.F.	0.777				0.902					
PM Peak Hour		515	PM			445	PM			
Volume		736				667				
P.H.F.		0.885				0.942				
Percentage	27.5%	72.5%			35.6%	64.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

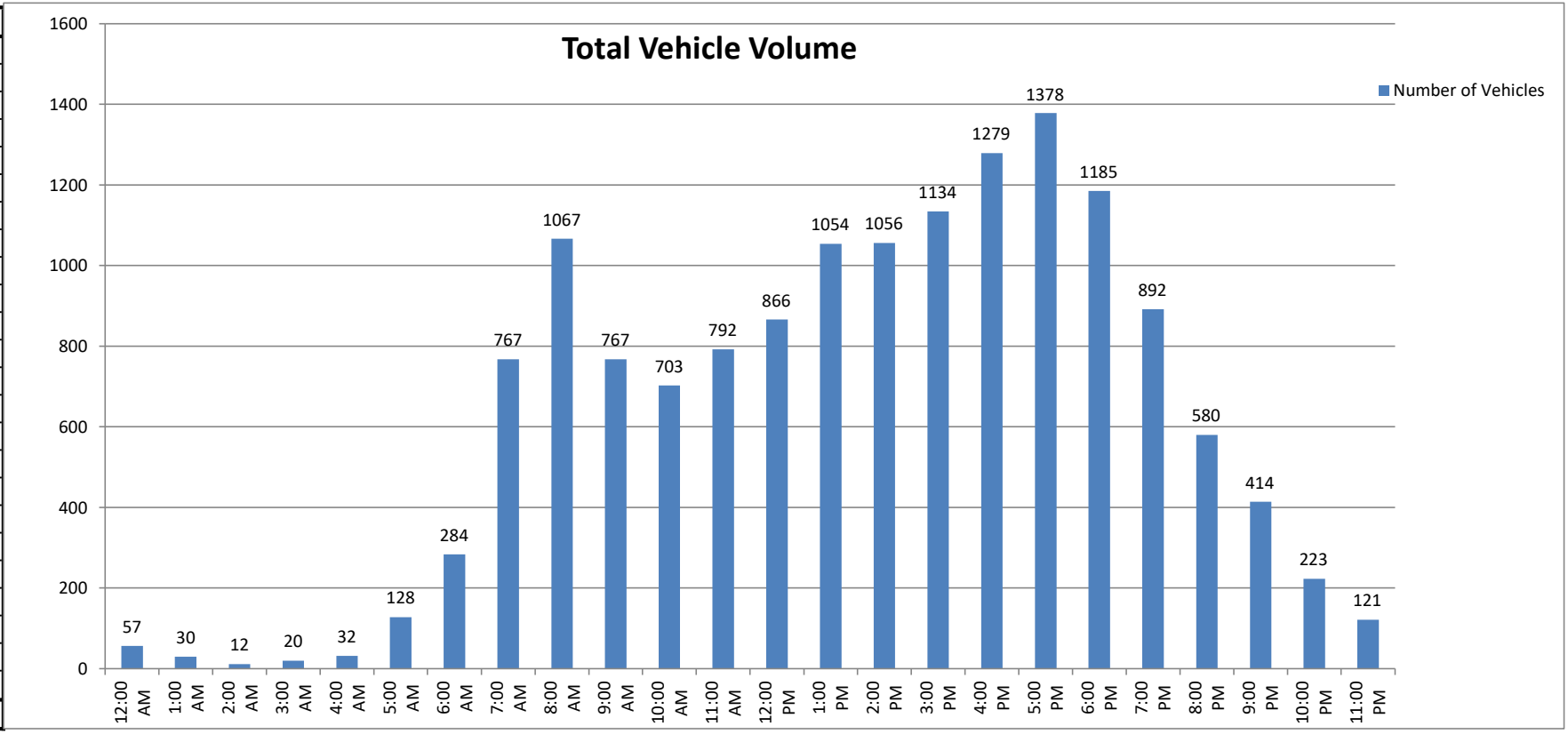
24 Hour Volume Plot

Bryan Avenue

B/ Culver Drive - Yale Avenue

2/28/2024

Start Time	2/28/2024
12:00 AM	57
1:00 AM	30
2:00 AM	12
3:00 AM	20
4:00 AM	32
5:00 AM	128
6:00 AM	284
7:00 AM	767
8:00 AM	1067
9:00 AM	767
10:00 AM	703
11:00 AM	792
12:00 PM	866
1:00 PM	1054
2:00 PM	1056
3:00 PM	1134
4:00 PM	1279
5:00 PM	1378
6:00 PM	1185
7:00 PM	892
8:00 PM	580
9:00 PM	414
10:00 PM	223
11:00 PM	121
Total	14841



Volumes represent the combined totals for both directions

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Fax: 951-268-6267

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City of Irvine
Bryan Avenue
B/ Culver Drive - Yale Avenue

File Name 93
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	120			4	96				
12:15	7	110			4	102				
12:30	8	109			5	112				
12:45	9	135	35	474	3	92	15	401	50	874
1:00	6	140			5	105				
1:15	3	131			1	104				
1:30	4	126			4	130				
1:45	2	122	15	518	2	110	11	448	26	966
2:00	2	132			2	112				
2:15	4	125			1	126				
2:30	2	165			1	150				
2:45	2	133	10	554	1	184	4	572	13	1126
3:00	1	143			2	158				
3:15	1	121			3	129				
3:30	3	146			1	146				
3:45	5	144	10	553	3	148	8	580	17	1133
4:00	2	183			4	152				
4:15	4	154			3	146				
4:30	8	171			5	168				
4:45	2	154	16	662	8	160	19	625	34	1287
5:00	7	172			13	161				
5:15	8	206			22	146				
5:30	24	178			17	163				
5:45	19	158	58	714	22	163	73	632	131	1346
6:00	28	170			28	148				
6:15	28	161			32	118				
6:30	37	185			46	111				
6:45	34	158	126	673	59	106	165	482	291	1154
7:00	56	134			64	96				
7:15	66	135			71	82				
7:30	97	136			115	83				
7:45	129	114	348	518	188	75	437	335	784	853
8:00	108	92			215	65				
8:15	110	102			185	58				
8:30	104	100			140	52				
8:45	108	82	429	375	135	46	674	220	1103	595
9:00	102	74			117	47				
9:15	88	78			103	46				
9:30	83	60			92	31				
9:45	81	48	353	259	106	24	417	148	770	406
10:00	73	48			91	31				
10:15	91	41			95	16				
10:30	81	25			93	14				
10:45	103	27	348	140	94	9	372	69	720	209
11:00	97	28			102	16				
11:15	110	28			99	7				
11:30	93	12			94	6				
11:45	110	12	410	79	98	6	391	34	801	113
Totals	2155	5516			2582	4544				
Combined Totals		7670				7126				
ADT										14796
AM Peak Hour	745	AM			745	AM				
Volume	451				727					
P.H.F.	0.873				0.847					
PM Peak Hour		500	PM			430	PM			
Volume		714				634				
P.H.F.		0.866				0.946				
Percentage	28.1%	71.9%			36.2%	63.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Jamboree Road - Culver Drive

File Name 92
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	126			0	141				
12:15	4	118			2	111				
12:30	2	151			5	113				
12:45	2	211	13	606	4	113	11	478	24	1084
1:00	5	155			5	242				
1:15	0	173			1	141				
1:30	2	146			3	134				
1:45	0	137	7	611	2	110	11	627	18	1238
2:00	4	148			1	113				
2:15	3	188			0	124				
2:30	2	187			0	257				
2:45	1	163	10	686	0	207	1	701	11	1387
3:00	0	127			1	176				
3:15	2	183			1	165				
3:30	1	203			0	319				
3:45	1	166	4	679	4	217	6	877	10	1556
4:00	0	135			2	190				
4:15	5	153			3	196				
4:30	6	172			6	198				
4:45	3	155	14	615	4	231	15	815	29	1430
5:00	7	179			11	213				
5:15	9	205			12	212				
5:30	19	186			14	244				
5:45	24	138	59	708	17	214	54	883	113	1591
6:00	19	145			15	191				
6:15	23	139			27	172				
6:30	38	160			30	118				
6:45	65	158	145	602	35	124	107	605	252	1207
7:00	209	122			71	99				
7:15	263	131			199	145				
7:30	108	101			113	95				
7:45	155	100	735	454	89	94	472	433	1207	887
8:00	230	92			154	65				
8:15	278	94			231	65				
8:30	156	81			184	54				
8:45	131	75	795	342	96	47	665	231	1460	573
9:00	91	55			81	40				
9:15	92	59			93	62				
9:30	90	45			93	32				
9:45	78	44	351	203	82	30	349	164	700	367
10:00	92	33			92	32				
10:15	86	28			89	23				
10:30	84	17			111	17				
10:45	105	14	367	92	90	11	382	83	749	175
11:00	106	17			102	11				
11:15	98	11			85	7				
11:30	114	5			92	5				
11:45	108	7	426	40	115	4	394	27	820	67
Totals	2926	5638			2467	5924				
Combined Totals		8564				8391				
ADT										16955
AM Peak Hour	745	AM			800	AM				
Volume	819				665					
P.H.F.	0.737				0.720					
PM Peak Hour		445	PM			330	PM			
Volume		725				922				
P.H.F.		0.884				0.723				
Percentage	34.2%	65.8%			29.4%	70.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

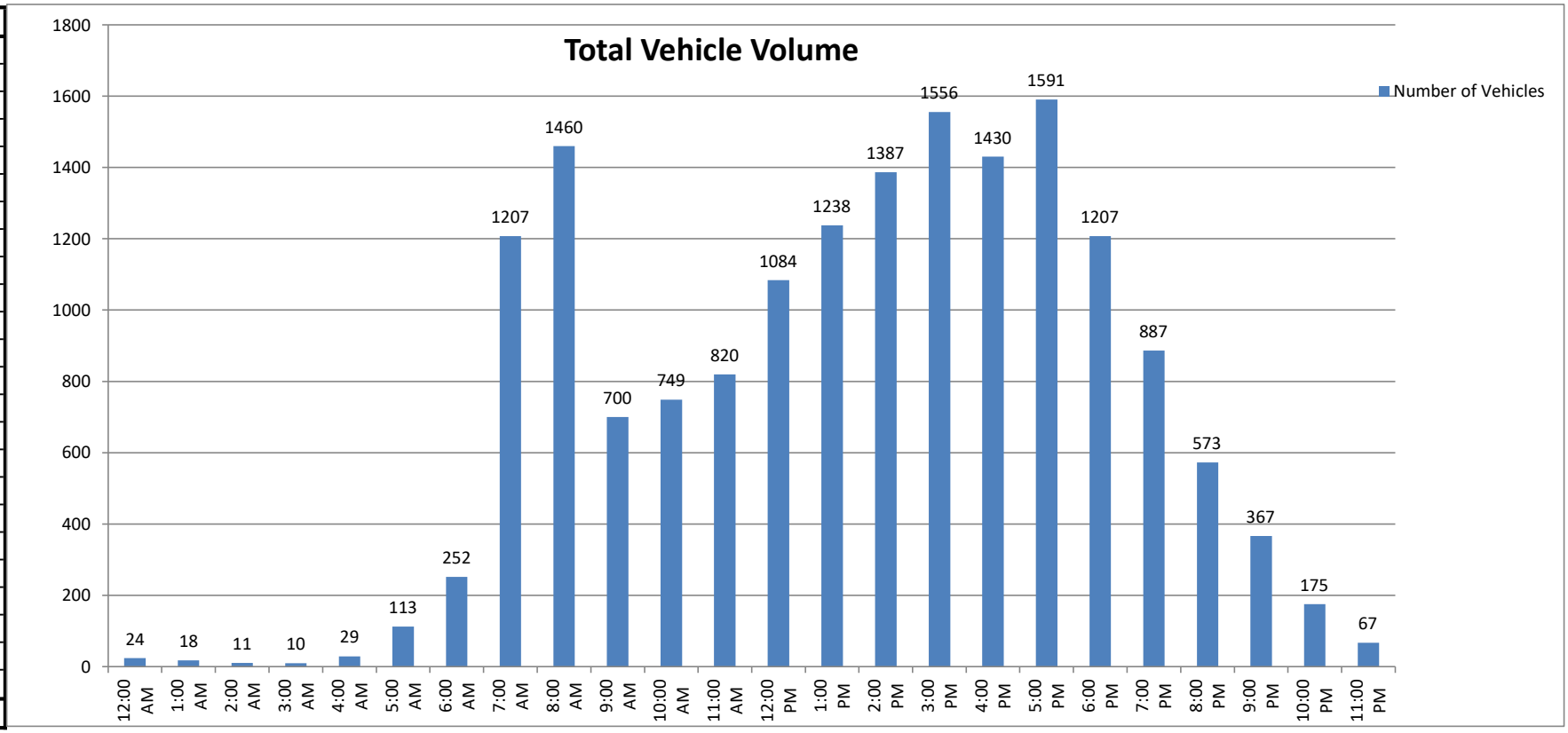
24 Hour Volume Plot

Bryan Avenue

B/ Jamboree Road - Culver Drive

2/27/2024

Start Time	2/27/2024
12:00 AM	24
1:00 AM	18
2:00 AM	11
3:00 AM	10
4:00 AM	29
5:00 AM	113
6:00 AM	252
7:00 AM	1207
8:00 AM	1460
9:00 AM	700
10:00 AM	749
11:00 AM	820
12:00 PM	1084
1:00 PM	1238
2:00 PM	1387
3:00 PM	1556
4:00 PM	1430
5:00 PM	1591
6:00 PM	1207
7:00 PM	887
8:00 PM	573
9:00 PM	367
10:00 PM	175
11:00 PM	67
Total	16955



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Jamboree Road - Culver Drive

File Name 92
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	111			3	118				
12:15	9	114			2	101				
12:30	4	128			3	112				
12:45	6	150	26	503	2	145	10	476	36	979
1:00	6	172			5	121				
1:15	5	190			1	117				
1:30	0	153			1	233				
1:45	1	143	12	658	4	202	11	673	23	1331
2:00	4	142			0	175				
2:15	1	162			0	125				
2:30	1	190			1	123				
2:45	0	174	6	668	0	271	1	694	7	1362
3:00	0	172			1	201				
3:15	1	192			2	183				
3:30	3	210			2	264				
3:45	2	172	6	746	3	245	8	893	14	1639
4:00	1	144			1	174				
4:15	4	135			4	209				
4:30	8	161			2	202				
4:45	3	174	16	614	3	218	10	803	26	1417
5:00	8	157			7	241				
5:15	26	169			11	222				
5:30	16	165			22	206				
5:45	23	159	73	650	16	218	56	887	129	1537
6:00	23	147			22	216				
6:15	28	167			21	195				
6:30	36	173			23	132				
6:45	56	156	143	643	28	151	94	694	237	1337
7:00	42	158			46	107				
7:15	70	116			37	86				
7:30	125	106			72	130				
7:45	151	112	388	492	113	73	268	396	656	888
8:00	248	119			130	64				
8:15	264	105			275	79				
8:30	169	95			147	52				
8:45	203	69	884	388	159	61	711	256	1595	644
9:00	315	81			197	43				
9:15	154	72			173	63				
9:30	120	45			84	29				
9:45	114	31	703	229	120	30	574	165	1277	394
10:00	83	29			98	28				
10:15	105	29			93	23				
10:30	112	17			86	12				
10:45	81	21	381	96	75	12	352	75	733	171
11:00	92	13			102	14				
11:15	110	17			88	6				
11:30	104	12			90	2				
11:45	106	12	412	54	114	6	394	28	806	82
Totals	3050	5741			2489	6040				
Combined Totals		8791				8529				
ADT										17320
AM Peak Hour	815	AM			815	AM				
Volume	951				778					
P.H.F.	0.755				0.707					
PM Peak Hour		245	PM			245	PM			
Volume		748				919				
P.H.F.		0.890				0.848				
Percentage	34.7%	65.3%			29.2%	70.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

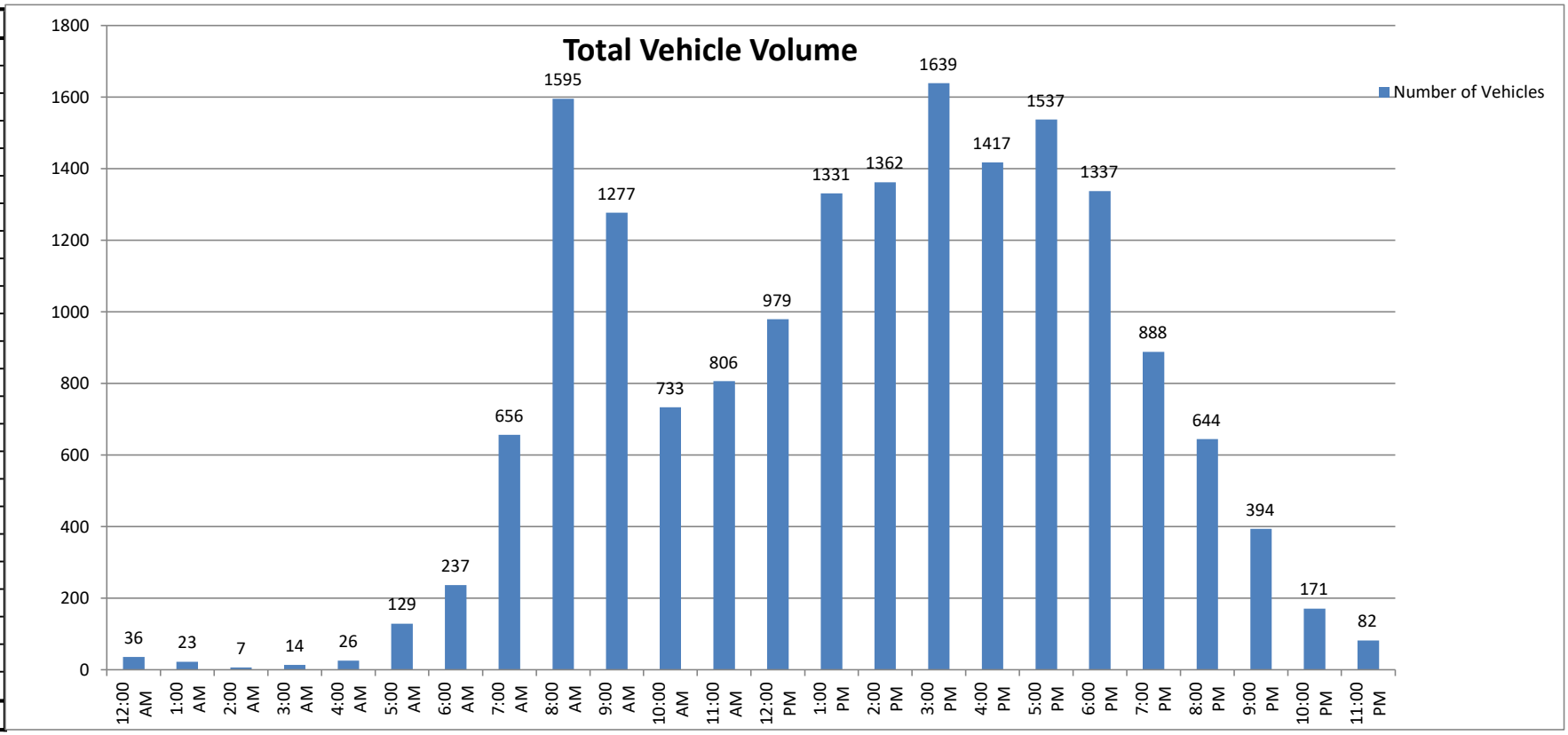
24 Hour Volume Plot

Bryan Avenue

B/ Jamboree Road - Culver Drive

2/28/2024

Start Time	2/28/2024
12:00 AM	36
1:00 AM	23
2:00 AM	7
3:00 AM	14
4:00 AM	26
5:00 AM	129
6:00 AM	237
7:00 AM	656
8:00 AM	1595
9:00 AM	1277
10:00 AM	733
11:00 AM	806
12:00 PM	979
1:00 PM	1331
2:00 PM	1362
3:00 PM	1639
4:00 PM	1417
5:00 PM	1537
6:00 PM	1337
7:00 PM	888
8:00 PM	644
9:00 PM	394
10:00 PM	171
11:00 PM	82
Total	17320



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Jamboree Road - Culver Drive

File Name 92
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	119			2	130				
12:15	7	116			2	106				
12:30	3	140			4	113				
12:45	4	181	20	555	3	129	11	477	30	1032
1:00	6	164			5	182				
1:15	3	182			1	129				
1:30	1	150			2	184				
1:45	1	140	10	635	3	156	11	650	21	1285
2:00	4	145			1	144				
2:15	2	175			0	125				
2:30	2	189			1	190				
2:45	1	169	8	677	0	239	1	698	9	1375
3:00	0	150			1	189				
3:15	2	188			2	174				
3:30	2	207			1	292				
3:45	2	169	5	713	4	231	7	885	12	1598
4:00	1	140			2	182				
4:15	5	144			4	203				
4:30	7	167			4	200				
4:45	3	165	15	615	4	225	13	809	28	1424
5:00	8	168			9	227				
5:15	18	187			12	217				
5:30	18	176			18	225				
5:45	24	149	66	679	17	216	55	885	121	1564
6:00	21	146			19	204				
6:15	26	153			24	184				
6:30	37	167			27	125				
6:45	61	157	144	623	32	138	101	650	245	1272
7:00	126	140			59	103				
7:15	167	124			118	116				
7:30	117	104			93	113				
7:45	153	106	562	473	101	84	370	415	932	888
8:00	239	106			142	65				
8:15	271	100			253	72				
8:30	163	88			166	53				
8:45	167	72	840	365	128	54	688	244	1528	609
9:00	203	68			139	42				
9:15	123	66			133	63				
9:30	105	45			89	31				
9:45	96	38	527	216	101	30	462	165	989	381
10:00	88	31			95	30				
10:15	96	29			91	23				
10:30	98	17			99	15				
10:45	93	18	374	94	83	12	367	79	741	173
11:00	99	15			102	13				
11:15	104	14			87	7				
11:30	109	9			91	4				
11:45	107	10	419	47	115	5	394	28	813	75
Totals	2988	5690			2478	5982				
Combined Totals		8678				8460				
ADT										17138
AM Peak Hour	800	AM			800	AM				
Volume	840				688					
P.H.F.	0.774				0.680					
PM Peak Hour		300	PM			330	PM			
Volume		713				907				
P.H.F.		0.863				0.778				
Percentage	34.4%	65.6%			29.3%	70.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Tustin
Bryan Avenue
W/ Jamboree Road
24 Hour Directional Volume Count

TUS022
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	134			3	141				
12:15		4	137			8	98				
12:30		1	116			7	120				
12:45		4	118	17	505	10	117	28	476	45	981
01:00		4	138			5	156				
01:15		4	130			7	110				
01:30		4	106			2	117				
01:45		6	129	18	503	0	135	14	518	32	1021
02:00		1	114			0	155				
02:15		0	140			4	148				
02:30		2	135			3	172				
02:45		1	156	4	545	2	216	9	691	13	1236
03:00		2	152			3	166				
03:15		6	152			2	192				
03:30		3	138			4	180				
03:45		6	116	17	558	3	208	12	746	29	1304
04:00		4	144			2	208				
04:15		12	143			2	175				
04:30		11	143			4	**232**				
04:45		13	**160**	40	590	11	**230**	19	845	59	1435
05:00		11	**162**			7	**234**				
05:15		18	**173**			11	**236**				
05:30		31	**160**			18	219				
05:45		32	154	92	649	19	209	55	898	147	1547
06:00		36	166			40	178				
06:15		51	168			34	162				
06:30		63	156			53	152				
06:45		56	126	206	616	48	152	175	644	381	1260
07:00		82	143			50	108				
07:15		120	139			120	118				
07:30		96	120			102	110				
07:45		**120**	98	418	500	**122**	111	394	447	812	947
08:00		**130**	80			**147**	98				
08:15		**176**	80			**138**	92				
08:30		**115**	87			**162**	70				
08:45		83	69	504	316	108	59	555	319	1059	635
09:00		86	66			102	63				
09:15		76	44			82	44				
09:30		71	38			101	42				
09:45		78	41	311	189	103	36	388	185	699	374
10:00		80	31			100	48				
10:15		94	15			84	29				
10:30		99	17			94	32				
10:45		121	17	394	80	82	22	360	131	754	211
11:00		128	20			108	24				
11:15		122	13			105	12				
11:30		118	12			90	17				
11:45		124	3	492	48	102	13	405	66	897	114
Total		2513	5099	2513	5099	2414	5966	2414	5966	4927	11065
Combined Total		7612		7612		8380		8380		15992	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	541	-	-	-	569	-	-	-	-	-
P.H.F.		0.768				0.878					
PM Peak	-	-	04:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	655	-	-	-	932	-	-	-	-
P.H.F.			0.947				0.987				
Percentage		33.0%	67.0%			28.8%	71.2%				
ADT/AADT		ADT 15,992		AADT 15,992							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Yale Avenue - Jeffrey Road

File Name 94
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	65			3	61				
12:15	2	54			2	56				
12:30	7	63			3	70				
12:45	4	78	24	260	4	62	12	249	36	509
1:00	4	59			1	72				
1:15	0	64			1	49				
1:30	0	57			1	49				
1:45	1	72	5	252	0	73	3	243	8	495
2:00	1	78			0	95				
2:15	2	79			0	106				
2:30	1	105			0	134				
2:45	4	135	8	397	0	144	0	479	8	876
3:00	2	73			0	119				
3:15	0	72			0	93				
3:30	1	77			0	105				
3:45	2	106	5	328	0	103	0	420	5	748
4:00	0	103			3	113				
4:15	6	89			1	117				
4:30	5	84			2	115				
4:45	1	93	12	369	2	107	8	452	20	821
5:00	7	107			0	93				
5:15	5	109			2	139				
5:30	20	129			3	123				
5:45	18	97	50	442	7	118	12	473	62	915
6:00	17	96			5	75				
6:15	12	83			12	104				
6:30	26	116			20	66				
6:45	25	102	80	397	21	72	58	317	138	714
7:00	39	88			44	71				
7:15	42	75			34	56				
7:30	65	75			77	60				
7:45	74	70	220	308	127	51	282	238	502	546
8:00	121	58			133	50				
8:15	121	69			119	29				
8:30	80	45			79	34				
8:45	56	57	378	229	83	30	414	143	792	372
9:00	71	38			54	21				
9:15	53	35			59	27				
9:30	42	27			62	18				
9:45	42	25	208	125	63	21	238	87	446	212
10:00	45	29			52	17				
10:15	52	24			47	13				
10:30	54	16			52	6				
10:45	46	9	197	78	66	5	217	41	414	119
11:00	47	9			66	6				
11:15	49	15			62	1				
11:30	61	9			75	2				
11:45	68	7	225	40	58	6	261	15	486	55
Totals	1412	3225			1505	3157				
Combined Totals		4637				4662				
ADT										9299
AM Peak Hour	745 AM				745 AM					
Volume	396				458					
P.H.F.	0.818				0.861					
PM Peak Hour		500 PM				215 PM				
Volume		442				503				
P.H.F.		0.857				0.873				
Percentage	30.5%	69.5%			32.3%	67.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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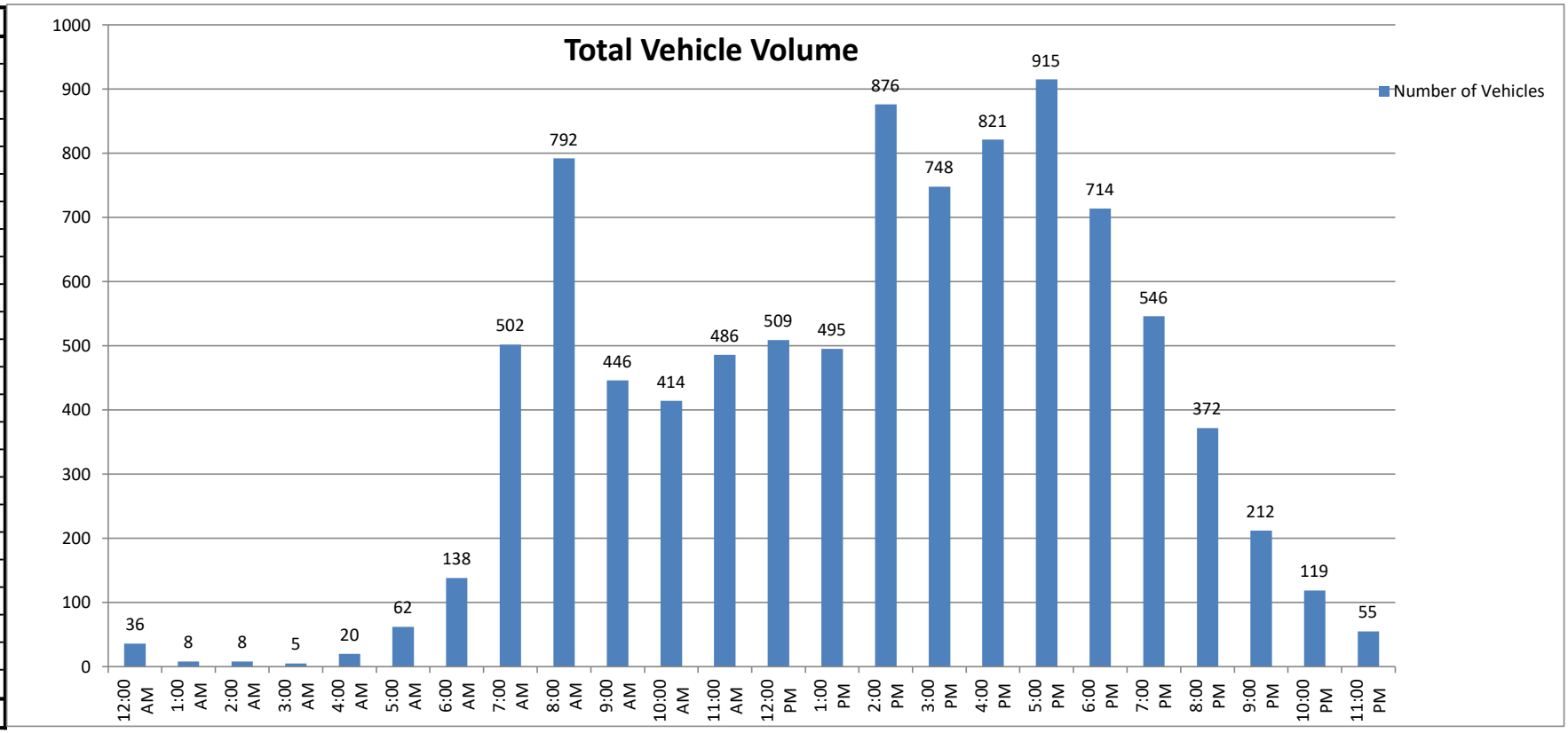
Corona, CA 92878

24 Hour Volume Plot

Bryan Avenue
B/ Yale Avenue - Jeffrey Road
2/27/2024

Start Time	2/27/2024
12:00 AM	36
1:00 AM	8
2:00 AM	8
3:00 AM	5
4:00 AM	20
5:00 AM	62
6:00 AM	138
7:00 AM	502
8:00 AM	792
9:00 AM	446
10:00 AM	414
11:00 AM	486
12:00 PM	509
1:00 PM	495
2:00 PM	876
3:00 PM	748
4:00 PM	821
5:00 PM	915
6:00 PM	714
7:00 PM	546
8:00 PM	372
9:00 PM	212
10:00 PM	119
11:00 PM	55
Total	9299



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Bryan Avenue
B/ Yale Avenue - Jeffrey Road

File Name 94
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	58			2	66				
12:15	3	77			2	68				
12:30	4	64			0	69				
12:45	6	75	20	274	3	74	7	277	27	551
1:00	5	65			8	89				
1:15	1	80			6	112				
1:30	2	92			0	98				
1:45	1	102	9	339	0	99	14	398	23	737
2:00	1	65			1	97				
2:15	1	71			0	89				
2:30	0	85			0	131				
2:45	1	119	3	340	0	144	1	461	4	801
3:00	0	106			0	123				
3:15	1	72			1	130				
3:30	2	103			1	127				
3:45	5	91	8	372	1	115	3	495	11	867
4:00	2	101			1	113				
4:15	4	101			1	130				
4:30	8	103			1	120				
4:45	1	93	15	398	5	135	8	498	23	896
5:00	8	94			6	105				
5:15	6	119			6	144				
5:30	11	110			3	105				
5:45	22	94	47	417	8	112	23	466	70	883
6:00	23	102			7	92				
6:15	20	101			12	78				
6:30	30	105			14	69				
6:45	27	93	100	401	34	72	67	311	167	712
7:00	34	86			40	55				
7:15	36	70			41	61				
7:30	58	76			94	43				
7:45	102	68	230	300	185	44	360	203	590	503
8:00	101	57			134	41				
8:15	96	55			80	32				
8:30	73	51			78	27				
8:45	74	39	344	202	102	38	394	138	738	340
9:00	89	37			78	23				
9:15	68	54			51	26				
9:30	62	20			53	14				
9:45	47	29	266	140	74	14	256	77	522	217
10:00	42	28			59	14				
10:15	60	22			61	11				
10:30	53	16			67	7				
10:45	62	15	217	81	68	4	255	36	472	117
11:00	48	19			65	7				
11:15	49	17			80	2				
11:30	56	6			65	4				
11:45	59	4	212	46	92	4	302	17	514	63
Totals	1471	3310			1690	3377				
Combined Totals		4781				5067				
ADT										9848
AM Peak Hour	745	AM			730	AM				
Volume	372				493					
P.H.F.	0.912				0.666					
PM Peak Hour		515	PM			230	PM			
Volume		425				528				
P.H.F.		0.893				0.917				
Percentage	30.8%	69.2%			33.4%	66.6%				

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Corona, CA 92878

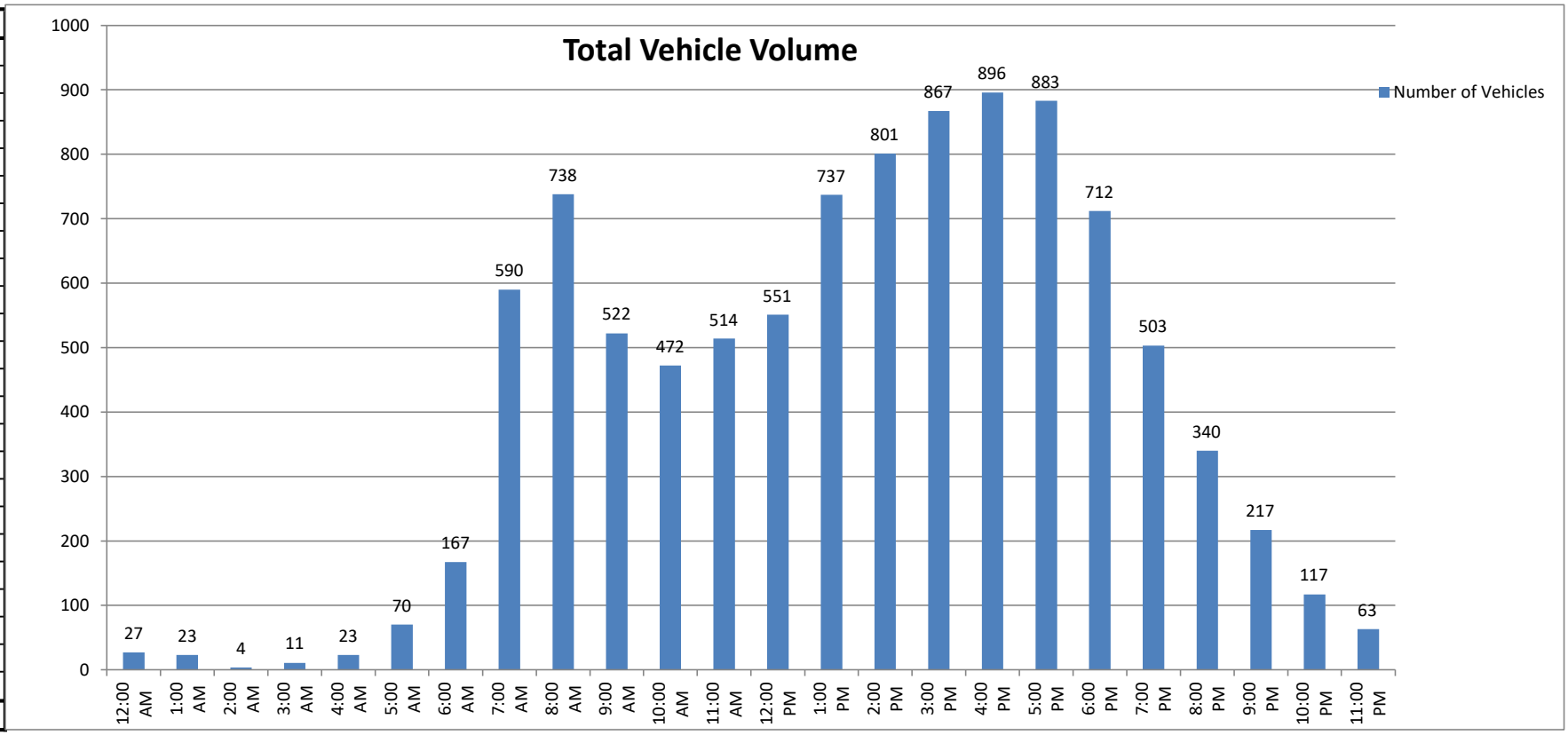
24 Hour Volume Plot

Bryan Avenue

B/ Yale Avenue - Jeffrey Road

2/28/2024

Start Time	2/28/2024
12:00 AM	27
1:00 AM	23
2:00 AM	4
3:00 AM	11
4:00 AM	23
5:00 AM	70
6:00 AM	167
7:00 AM	590
8:00 AM	738
9:00 AM	522
10:00 AM	472
11:00 AM	514
12:00 PM	551
1:00 PM	737
2:00 PM	801
3:00 PM	867
4:00 PM	896
5:00 PM	883
6:00 PM	712
7:00 PM	503
8:00 PM	340
9:00 PM	217
10:00 PM	117
11:00 PM	63
Total	9848



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Bryan Avenue
B/ Yale Avenue - Jeffrey Road

File Name 94
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	62			3	64				
12:15	3	66			2	62				
12:30	6	64			2	70				
12:45	5	77	22	267	4	68	10	263	32	530
1:00	5	62			5	81				
1:15	1	72			4	81				
1:30	1	75			1	74				
1:45	1	87	7	296	0	86	9	321	16	616
2:00	1	72			1	96				
2:15	2	75			0	98				
2:30	1	95			0	133				
2:45	3	127	6	369	0	144	1	470	6	839
3:00	1	90			0	121				
3:15	1	72			1	112				
3:30	2	90			1	116				
3:45	4	99	7	350	1	109	2	458	8	808
4:00	1	102			2	113				
4:15	5	95			1	124				
4:30	7	94			2	118				
4:45	1	93	14	384	4	121	8	475	22	859
5:00	8	101			3	99				
5:15	6	114			4	142				
5:30	16	120			3	114				
5:45	20	96	49	430	8	115	18	470	66	899
6:00	20	99			6	84				
6:15	16	92			12	91				
6:30	28	111			17	68				
6:45	26	98	90	399	28	72	63	314	153	713
7:00	37	87			42	63				
7:15	39	73			38	59				
7:30	62	76			86	52				
7:45	88	69	225	304	156	48	321	221	546	525
8:00	111	58			134	46				
8:15	109	62			100	31				
8:30	77	48			79	31				
8:45	65	48	361	216	93	34	404	141	765	356
9:00	80	38			66	22				
9:15	61	45			55	27				
9:30	52	24			58	16				
9:45	45	27	237	133	69	18	247	82	484	215
10:00	44	29			56	16				
10:15	56	23			54	12				
10:30	54	16			60	7				
10:45	54	12	207	80	67	5	236	39	443	118
11:00	48	14			66	7				
11:15	49	16			71	2				
11:30	59	8			70	3				
11:45	64	6	219	43	75	5	282	16	500	59
Totals	1442	3268			1598	3267				
Combined Totals		4709				4865				
ADT										9574
AM Peak Hour	745	AM			730	AM				
Volume	384				475					
P.H.F.	0.865				0.760					
PM Peak Hour		500	PM			230	PM			
Volume		430				509				
P.H.F.		0.899				0.884				
Percentage	30.6%	69.4%			32.8%	67.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Bosque - Pusan Way

File Name 98
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	51			3	40				
12:15	10	38			3	67				
12:30	6	58			3	38				
12:45	5	54	29	201	0	49	9	194	38	395
1:00	2	54			3	52				
1:15	5	64			3	40				
1:30	1	62			0	27				
1:45	1	94	9	274	0	44	6	163	15	437
2:00	3	100			0	53				
2:15	3	92			1	218				
2:30	2	80			2	191				
2:45	1	98	9	370	0	108	3	570	12	940
3:00	2	75			2	134				
3:15	0	110			0	97				
3:30	1	98			1	79				
3:45	2	89	5	372	0	170	3	480	8	852
4:00	0	78			0	138				
4:15	1	94			2	136				
4:30	0	91			2	83				
4:45	0	90	1	353	4	116	8	473	9	826
5:00	3	86			4	104				
5:15	3	114			3	100				
5:30	8	84			8	80				
5:45	14	90	28	374	12	107	27	391	55	765
6:00	14	111			14	76				
6:15	22	138			8	68				
6:30	33	100			13	54				
6:45	29	86	98	435	32	52	67	250	165	685
7:00	53	74			23	56				
7:15	40	84			47	48				
7:30	56	77			70	42				
7:45	116	81	265	316	99	55	239	201	504	517
8:00	150	71			184	46				
8:15	213	71			211	19				
8:30	162	56			188	23				
8:45	46	38	571	236	158	38	741	126	1312	362
9:00	42	53			43	17				
9:15	49	38			60	24				
9:30	28	30			54	25				
9:45	51	15	170	136	44	20	201	86	371	222
10:00	60	26			63	7				
10:15	41	26			64	7				
10:30	44	16			52	12				
10:45	62	14	207	82	74	3	253	29	460	111
11:00	56	7			39	4				
11:15	32	19			50	4				
11:30	47	10			47	3				
11:45	36	8	171	44	29	0	165	11	336	55
Totals	1563	3193			1722	2974				
Combined Totals		4756				4696				
ADT										9452
AM Peak Hour	745	AM			800	AM				
Volume	641				741					
P.H.F.	0.752				0.878					
PM Peak Hour		545	PM			215	PM			
Volume		439				651				
P.H.F.		0.795				0.747				
Percentage	32.9%	67.1%			36.7%	63.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

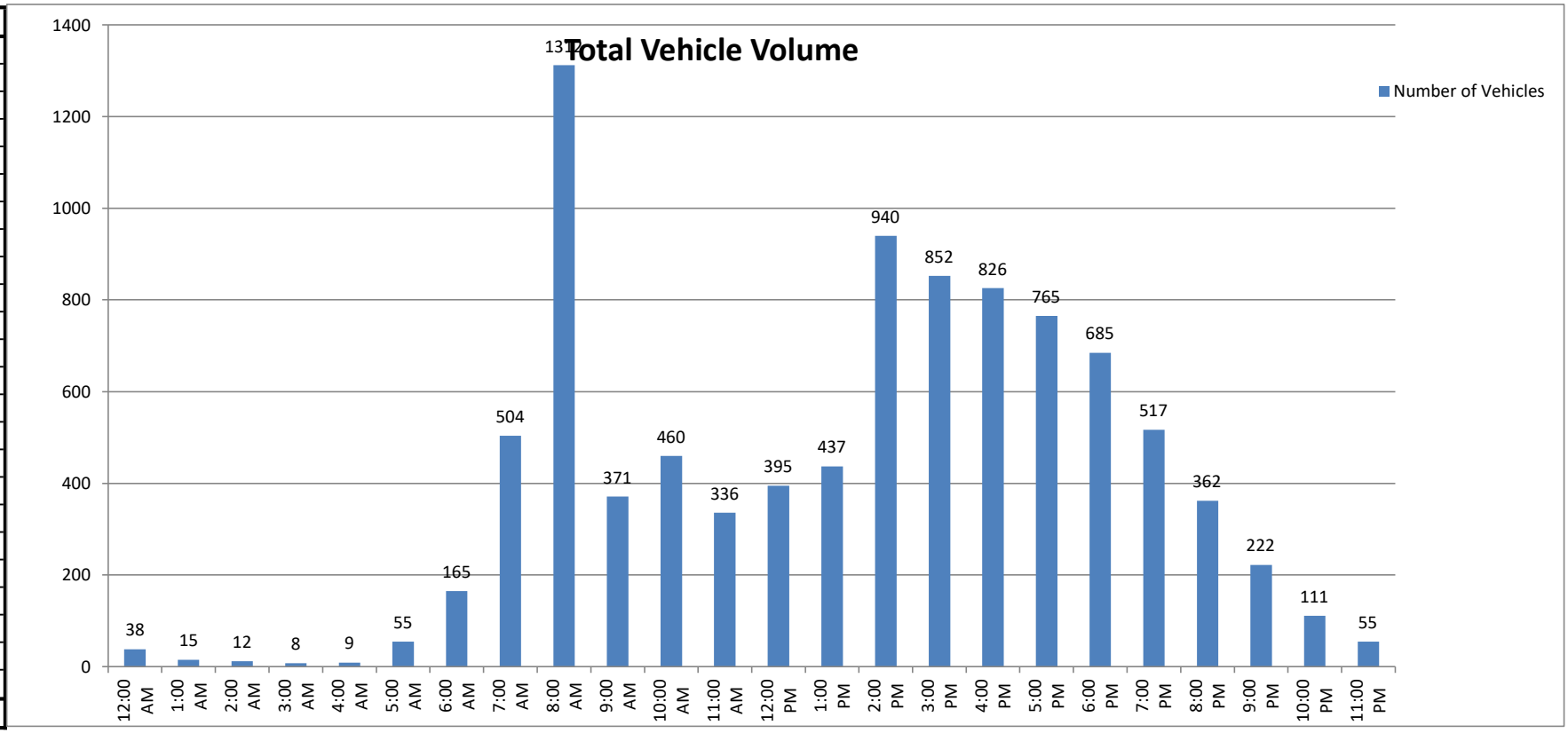
24 Hour Volume Plot

Cadence

B/ Bosque - Pusan Way

2/27/2024

Start Time	2/27/2024
12:00 AM	38
1:00 AM	15
2:00 AM	12
3:00 AM	8
4:00 AM	9
5:00 AM	55
6:00 AM	165
7:00 AM	504
8:00 AM	1312
9:00 AM	371
10:00 AM	460
11:00 AM	336
12:00 PM	395
1:00 PM	437
2:00 PM	940
3:00 PM	852
4:00 PM	826
5:00 PM	765
6:00 PM	685
7:00 PM	517
8:00 PM	362
9:00 PM	222
10:00 PM	111
11:00 PM	55
Total	9452



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Bosque - Pusan Way

File Name 98
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	50			2	35				
12:15	1	54			1	68				
12:30	2	68			1	64				
12:45	4	70	13	242	1	54	5	221	18	463
1:00	3	71			0	56				
1:15	8	82			0	70				
1:30	2	78			4	72				
1:45	2	110	15	341	0	89	4	287	19	628
2:00	1	132			0	107				
2:15	0	107			0	168				
2:30	2	74			0	190				
2:45	1	54	4	367	0	82	0	547	4	914
3:00	2	77			1	76				
3:15	0	88			1	94				
3:30	3	107			0	90				
3:45	1	92	6	364	1	134	3	394	9	758
4:00	1	100			0	107				
4:15	0	96			0	97				
4:30	0	80			0	100				
4:45	2	103	3	379	7	116	7	420	10	799
5:00	3	107			2	83				
5:15	5	100			3	104				
5:30	8	98			14	94				
5:45	14	100	30	405	10	106	29	387	59	792
6:00	13	99			10	66				
6:15	18	121			10	70				
6:30	34	102			16	64				
6:45	48	74	113	396	19	55	55	255	168	651
7:00	41	76			23	64				
7:15	52	100			48	46				
7:30	56	87			65	42				
7:45	126	77	275	340	98	30	234	182	509	522
8:00	148	63			174	28				
8:15	211	56			212	34				
8:30	196	34			198	20				
8:45	68	56	623	209	184	18	768	100	1391	309
9:00	60	46			74	17				
9:15	39	36			58	18				
9:30	44	34			54	18				
9:45	31	34	174	150	50	23	236	76	410	226
10:00	52	25			59	8				
10:15	40	27			38	11				
10:30	52	17			30	3				
10:45	42	22	186	91	68	8	195	30	381	121
11:00	34	24			32	2				
11:15	36	9			36	2				
11:30	36	7			52	4				
11:45	34	7	140	47	42	4	162	12	302	59
Totals	1582	3331			1698	2911				
Combined Totals		4913				4609				
ADT										9522
AM Peak Hour	745	AM			800	AM				
Volume	681				768					
P.H.F.	0.807				0.906					
PM Peak Hour		130	PM			145	PM			
Volume		427				554				
P.H.F.		0.809				0.729				
Percentage	32.2%	67.8%			36.8%	63.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

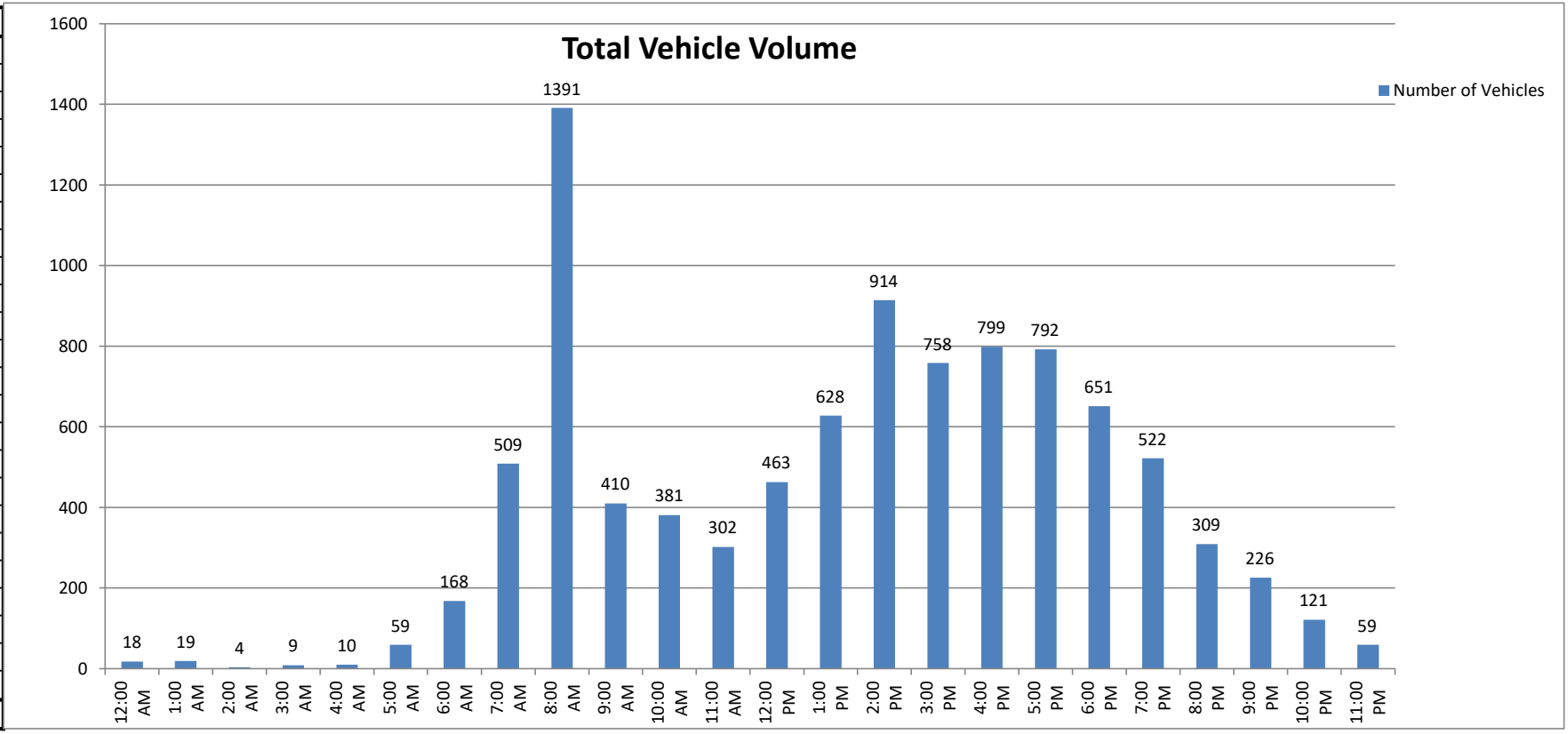
24 Hour Volume Plot

Cadence

B/ Bosque - Pusan Way

2/28/2024

Start Time	2/28/2024
12:00 AM	18
1:00 AM	19
2:00 AM	4
3:00 AM	9
4:00 AM	10
5:00 AM	59
6:00 AM	168
7:00 AM	509
8:00 AM	1391
9:00 AM	410
10:00 AM	381
11:00 AM	302
12:00 PM	463
1:00 PM	628
2:00 PM	914
3:00 PM	758
4:00 PM	799
5:00 PM	792
6:00 PM	651
7:00 PM	522
8:00 PM	309
9:00 PM	226
10:00 PM	121
11:00 PM	59
Total	9522



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Bosque - Pusan Way

File Name 98
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	51			3	38				
12:15	6	46			2	68				
12:30	4	63			2	51				
12:45	5	62	21	222	1	52	7	208	28	429
1:00	3	63			2	54				
1:15	7	73			2	55				
1:30	2	70			2	50				
1:45	2	102	12	308	0	67	5	225	17	533
2:00	2	116			0	80				
2:15	2	100			1	193				
2:30	2	77			1	191				
2:45	1	76	7	369	0	95	2	559	8	927
3:00	2	76			2	105				
3:15	0	99			1	96				
3:30	2	103			1	85				
3:45	2	91	6	368	1	152	3	437	9	805
4:00	1	89			0	123				
4:15	1	95			1	117				
4:30	0	86			1	92				
4:45	1	97	2	366	6	116	8	447	10	813
5:00	3	97			3	94				
5:15	4	107			3	102				
5:30	8	91			11	87				
5:45	14	95	29	390	11	107	28	389	57	779
6:00	14	105			12	71				
6:15	20	130			9	69				
6:30	34	101			15	59				
6:45	39	80	106	416	26	54	61	253	167	668
7:00	47	75			23	60				
7:15	46	92			48	47				
7:30	56	82			68	42				
7:45	121	79	270	328	99	43	237	192	507	520
8:00	149	67			179	37				
8:15	212	64			212	27				
8:30	179	45			193	22				
8:45	57	47	597	223	171	28	755	113	1352	336
9:00	51	50			59	17				
9:15	44	37			59	21				
9:30	36	32			54	22				
9:45	41	25	172	143	47	22	219	81	391	224
10:00	56	26			61	8				
10:15	41	27			51	9				
10:30	48	17			41	8				
10:45	52	18	197	87	71	6	224	30	421	116
11:00	45	16			36	3				
11:15	34	14			43	3				
11:30	42	9			50	4				
11:45	35	8	156	46	36	2	164	12	319	57
Totals	1573	3262			1710	2943				
Combined Totals		4835				4653				
ADT										9487
AM Peak Hour	745	AM			800	AM				
Volume	661				755					
P.H.F.	0.779				0.892					
PM Peak Hour		545	PM			215	PM			
Volume		431				584				
P.H.F.		0.831				0.756				
Percentage	32.5%	67.5%			36.8%	63.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Chinon - Merit

File Name 099B
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/8/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	21			0	18				
12:15	1	25			0	33				
12:30	2	16			1	14				
12:45	0	38	3	100	0	29	1	94	4	194
1:00	2	26			1	29				
1:15	0	16			0	48				
1:30	0	19			0	21				
1:45	1	31	3	92	0	28	1	126	4	218
2:00	2	38			1	37				
2:15	5	69			1	170				
2:30	1	24			1	121				
2:45	1	18	9	149	1	34	4	362	13	511
3:00	0	22			3	19				
3:15	0	30			0	37				
3:30	0	24			0	39				
3:45	1	30	1	106	0	46	3	141	4	247
4:00	0	21			0	40				
4:15	1	44			0	31				
4:30	0	31			3	62				
4:45	1	33	2	129	1	64	4	197	6	326
5:00	2	37			2	33				
5:15	2	16			0	29				
5:30	1	26			3	28				
5:45	9	30	14	109	5	19	10	109	24	218
6:00	7	17			3	15				
6:15	10	16			4	12				
6:30	9	12			3	15				
6:45	21	24	47	69	4	23	14	65	61	134
7:00	26	28			11	26				
7:15	13	20			20	17				
7:30	21	18			20	24				
7:45	37	16	97	82	26	15	77	82	174	164
8:00	30	14			74	9				
8:15	58	11			83	6				
8:30	75	8			107	8				
8:45	20	10	183	43	88	5	352	28	535	71
9:00	14	12			11	11				
9:15	19	10			13	20				
9:30	16	14			6	13				
9:45	21	5	70	41	24	17	54	61	124	102
10:00	23	2			11	0				
10:15	14	6			11	4				
10:30	11	4			14	2				
10:45	15	1	63	13	19	0	55	6	118	19
11:00	19	6			21	3				
11:15	18	1			19	0				
11:30	18	2			21	0				
11:45	13	2	68	11	22	0	83	3	151	14
Totals	560	944			658	1274				
Combined Totals		1504				1932				
ADT										3436
AM Peak Hour	745	AM			800	AM				
Volume	200				352					
P.H.F.	0.667				0.822					
PM Peak Hour		145	PM			200	PM			
Volume		162				362				
P.H.F.		0.587				0.532				
Percentage	37.2%	62.8%			34.1%	65.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

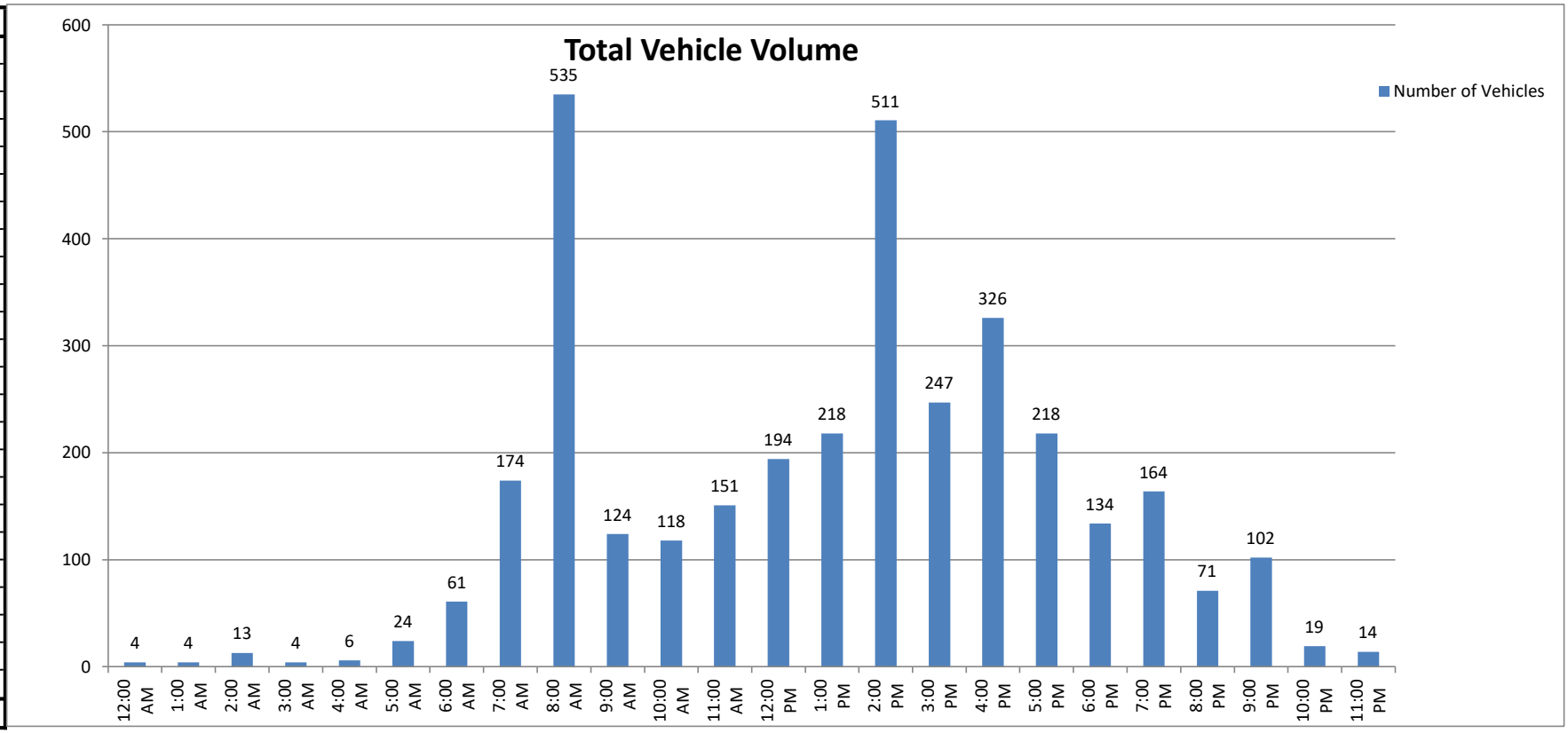
24 Hour Volume Plot

Cadence

B/ Chinon - Merit

2/8/2023

Start Time	2/8/2023
12:00 AM	4
1:00 AM	4
2:00 AM	13
3:00 AM	4
4:00 AM	6
5:00 AM	24
6:00 AM	61
7:00 AM	174
8:00 AM	535
9:00 AM	124
10:00 AM	118
11:00 AM	151
12:00 PM	194
1:00 PM	218
2:00 PM	511
3:00 PM	247
4:00 PM	326
5:00 PM	218
6:00 PM	134
7:00 PM	164
8:00 PM	71
9:00 PM	102
10:00 PM	19
11:00 PM	14
Total	3436



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Chinon - Merit

File Name 099B
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/9/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	13			2	10				
12:15	2	20			0	45				
12:30	0	18			0	18				
12:45	0	23	3	74	0	23	2	96	5	170
1:00	0	20			2	17				
1:15	0	21			0	14				
1:30	2	19			0	14				
1:45	0	30	2	90	0	25	2	70	4	160
2:00	1	35			0	38				
2:15	0	34			0	163				
2:30	0	29			0	50				
2:45	0	29	1	127	1	58	1	309	2	436
3:00	0	28			0	34				
3:15	0	30			0	36				
3:30	1	28			0	33				
3:45	0	55	1	141	0	99	0	202	1	343
4:00	0	25			1	39				
4:15	0	30			0	36				
4:30	0	46			2	60				
4:45	0	33	0	134	0	24	3	159	3	293
5:00	0	46			1	35				
5:15	2	45			1	34				
5:30	3	44			5	30				
5:45	4	32	9	167	1	31	8	130	17	297
6:00	2	24			2	40				
6:15	4	22			3	26				
6:30	23	19			3	27				
6:45	15	20	44	85	8	57	16	150	60	235
7:00	23	21			6	23				
7:15	14	26			18	18				
7:30	18	19			27	15				
7:45	39	12	94	78	30	12	81	68	175	146
8:00	38	8			83	10				
8:15	85	16			109	25				
8:30	25	10			77	22				
8:45	9	12	157	46	9	8	278	65	435	111
9:00	8	11			14	15				
9:15	12	15			17	10				
9:30	15	13			27	14				
9:45	22	3	57	42	28	14	86	53	143	95
10:00	16	10			32	1				
10:15	15	1			23	4				
10:30	29	3			19	2				
10:45	30	4	90	18	38	2	112	9	202	27
11:00	17	2			20	2				
11:15	17	3			16	1				
11:30	15	2			13	1				
11:45	16	3	65	10	11	4	60	8	125	18
Totals	523	1012			649	1319				
Combined Totals		1535				1968				
ADT										3503
AM Peak Hour	745	AM			745	AM				
Volume	187				299					
P.H.F.	0.550				0.686					
PM Peak Hour		430	PM			200	PM			
Volume		170				309				
P.H.F.		0.924				0.474				
Percentage	34.1%	65.9%			33.0%	67.0%				

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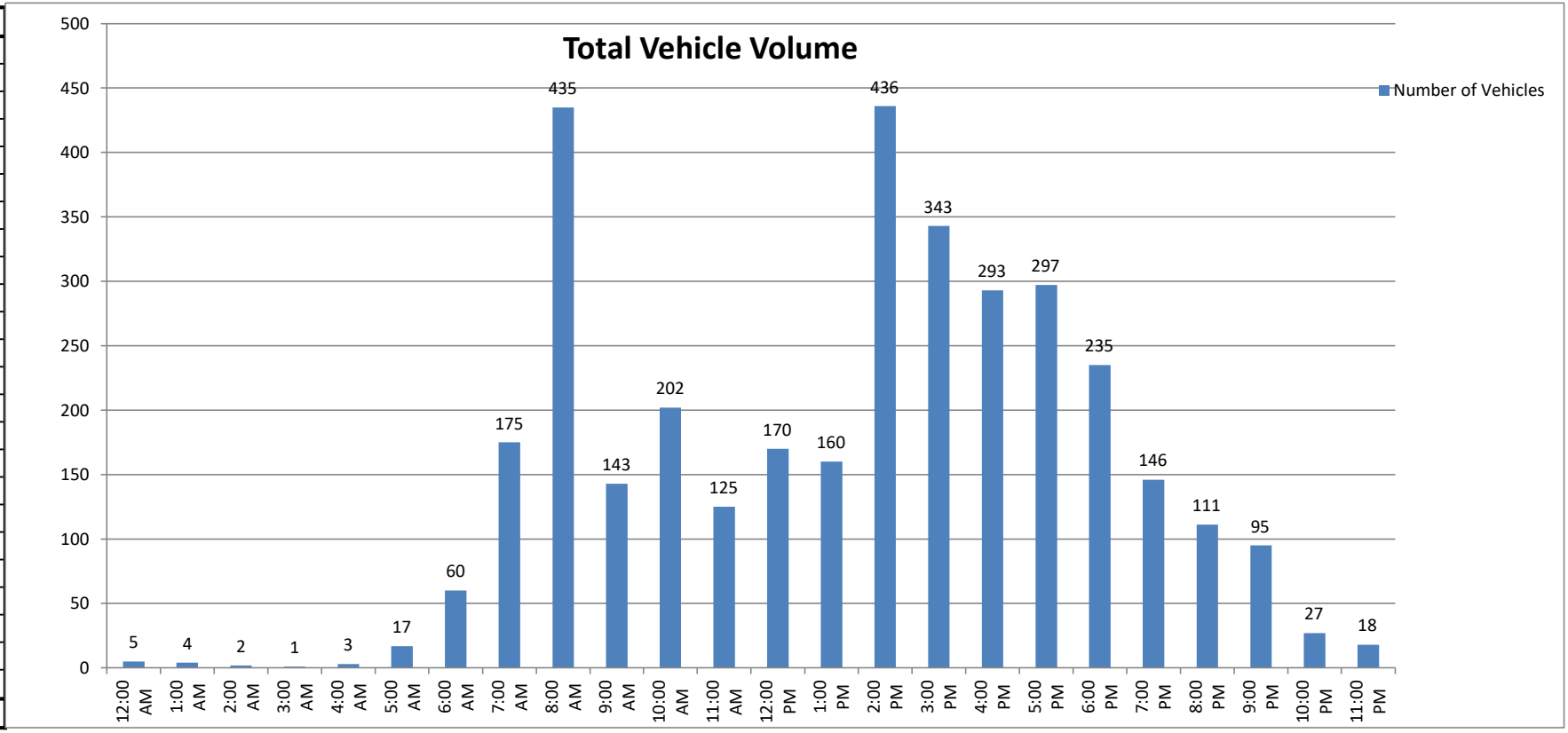
24 Hour Volume Plot

Cadence

B/ Chinon - Merit

2/9/2023

Start Time	2/9/2023
12:00 AM	5
1:00 AM	4
2:00 AM	2
3:00 AM	1
4:00 AM	3
5:00 AM	17
6:00 AM	60
7:00 AM	175
8:00 AM	435
9:00 AM	143
10:00 AM	202
11:00 AM	125
12:00 PM	170
1:00 PM	160
2:00 PM	436
3:00 PM	343
4:00 PM	293
5:00 PM	297
6:00 PM	235
7:00 PM	146
8:00 PM	111
9:00 PM	95
10:00 PM	27
11:00 PM	18
Total	3503



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Cadence
B/ Chinon - Merit

File Name 099B
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	17			1	14				
12:15	2	23			0	39				
12:30	1	17			1	16				
12:45	0	31	3	87	0	26	2	95	5	182
1:00	1	23			2	23				
1:15	0	19			0	31				
1:30	1	19			0	18				
1:45	1	31	3	91	0	27	2	98	4	189
2:00	2	37			1	38				
2:15	3	52			1	167				
2:30	1	27			1	86				
2:45	1	24	5	138	1	46	3	336	8	474
3:00	0	25			2	27				
3:15	0	30			0	37				
3:30	1	26			0	36				
3:45	1	43	1	124	0	73	2	172	3	295
4:00	0	23			1	40				
4:15	1	37			0	34				
4:30	0	39			3	61				
4:45	1	33	1	132	1	44	4	178	5	310
5:00	1	42			2	34				
5:15	2	31			1	32				
5:30	2	35			4	29				
5:45	7	31	12	138	3	25	9	120	21	258
6:00	5	21			3	28				
6:15	7	19			4	19				
6:30	16	16			3	21				
6:45	18	22	46	77	6	40	15	108	61	185
7:00	25	25			9	25				
7:15	14	23			19	18				
7:30	20	19			24	20				
7:45	38	14	96	80	28	14	79	75	175	155
8:00	34	11			79	10				
8:15	72	14			96	16				
8:30	50	9			92	15				
8:45	15	11	170	45	49	7	315	47	485	91
9:00	11	12			13	13				
9:15	16	13			15	15				
9:30	16	14			17	14				
9:45	22	4	64	42	26	16	70	57	134	99
10:00	20	6			22	1				
10:15	15	4			17	4				
10:30	20	4			17	2				
10:45	23	3	77	16	29	1	84	8	160	23
11:00	18	4			21	3				
11:15	18	2			18	1				
11:30	17	2			17	1				
11:45	15	3	67	11	17	2	72	6	138	16
Totals	542	978			654	1297				
Combined Totals		1520				1950				
ADT										3470
AM Peak Hour	745	AM			800	AM				
Volume	194				315					
P.H.F.	0.677				0.820					
PM Peak Hour		415	PM			200	PM			
Volume		150				336				
P.H.F.		0.904				0.504				
Percentage	35.6%	64.4%			33.5%	66.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Pusan Way - Merit

File Name 99
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	30			2	30				
12:15	3	37			3	59				
12:30	6	46			2	41				
12:45	3	50	17	163	0	36	7	166	24	329
1:00	4	42			3	45				
1:15	3	54			3	24				
1:30	2	40			0	21				
1:45	1	75	10	211	0	30	6	120	16	331
2:00	4	78			1	32				
2:15	1	72			0	214				
2:30	1	66			1	174				
2:45	0	58	6	274	0	92	2	512	8	786
3:00	0	65			2	71				
3:15	0	75			0	72				
3:30	0	96			1	50				
3:45	1	92	1	328	0	150	3	343	4	671
4:00	0	64			1	124				
4:15	1	70			3	102				
4:30	0	66			0	66				
4:45	1	60	2	260	5	101	9	393	11	653
5:00	1	65			2	70				
5:15	2	67			3	74				
5:30	7	66			4	55				
5:45	13	62	23	260	8	72	17	271	40	531
6:00	13	81			8	52				
6:15	22	81			4	51				
6:30	26	77			4	42				
6:45	20	53	81	292	16	40	32	185	113	477
7:00	37	44			16	41				
7:15	43	60			26	47				
7:30	29	62			44	32				
7:45	60	57	169	223	69	32	155	152	324	375
8:00	78	46			114	41				
8:15	154	42			142	10				
8:30	188	34			188	17				
8:45	49	20	469	142	160	25	604	93	1073	235
9:00	46	32			28	14				
9:15	33	36			42	18				
9:30	22	17			38	14				
9:45	36	11	137	96	20	16	128	62	265	158
10:00	64	21			58	8				
10:15	41	19			68	2				
10:30	28	14			42	10				
10:45	58	7	191	61	54	3	222	23	413	84
11:00	39	5			34	3				
11:15	32	12			31	2				
11:30	24	7			36	2				
11:45	36	6	131	30	20	0	121	7	252	37
Totals	1237	2340			1306	2327				
Combined Totals		3577				3633				
ADT										7210
AM Peak Hour	745	AM			800	AM				
Volume	480				604					
P.H.F.	0.638				0.803					
PM Peak Hour		300	PM			215	PM			
Volume		328				551				
P.H.F.		0.854				0.644				
Percentage	34.6%	65.4%			35.9%	64.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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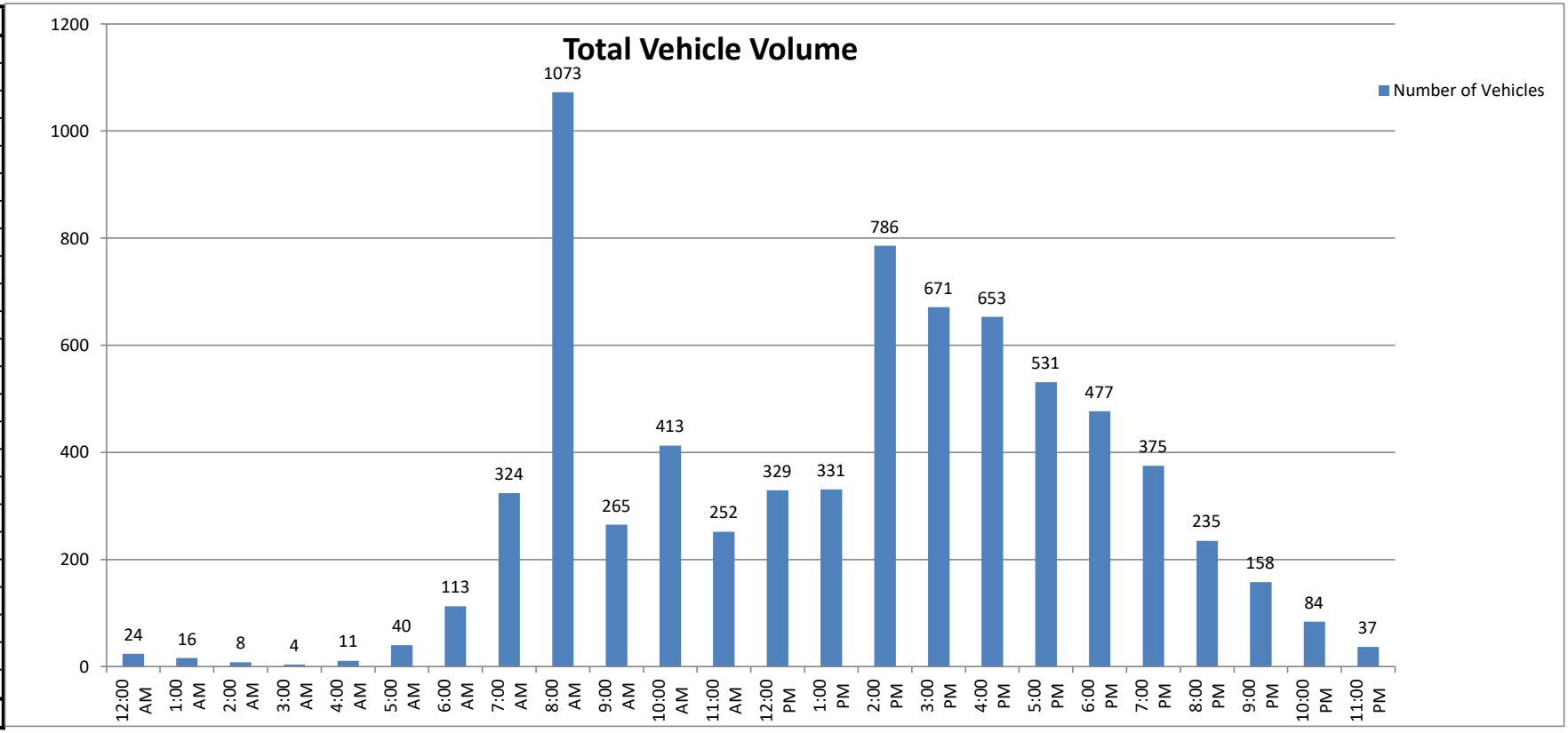
24 Hour Volume Plot

Cadence

B/ Pusan Way - Merit

2/27/2024

Start Time	2/27/2024
12:00 AM	24
1:00 AM	16
2:00 AM	8
3:00 AM	4
4:00 AM	11
5:00 AM	40
6:00 AM	113
7:00 AM	324
8:00 AM	1073
9:00 AM	265
10:00 AM	413
11:00 AM	252
12:00 PM	329
1:00 PM	331
2:00 PM	786
3:00 PM	671
4:00 PM	653
5:00 PM	531
6:00 PM	477
7:00 PM	375
8:00 PM	235
9:00 PM	158
10:00 PM	84
11:00 PM	37
Total	7210



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Pusan Way - Merit

File Name 99
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	28			2	22				
12:15	1	56			1	62				
12:30	1	42			0	52				
12:45	3	50	9	176	0	40	3	176	12	352
1:00	0	53			1	42				
1:15	2	42			0	57				
1:30	2	38			1	45				
1:45	3	62	7	195	0	48	2	192	9	387
2:00	0	110			0	44				
2:15	0	98			1	178				
2:30	1	79			0	199				
2:45	0	50	1	337	1	66	2	487	3	824
3:00	2	50			1	60				
3:15	1	54			2	72				
3:30	2	86			0	62				
3:45	0	82	5	272	1	113	4	307	9	579
4:00	0	72			1	91				
4:15	0	82			0	76				
4:30	0	64			0	73				
4:45	0	74	0	292	5	85	6	325	6	617
5:00	1	77			1	64				
5:15	5	76			4	88				
5:30	5	74			8	68				
5:45	14	60	25	287	8	86	21	306	46	593
6:00	14	59			5	48				
6:15	10	78			6	42				
6:30	31	78			8	50				
6:45	32	60	87	275	14	40	33	180	120	455
7:00	40	48			16	62				
7:15	34	76			30	38				
7:30	39	58			39	40				
7:45	80	62	193	244	63	17	148	157	341	401
8:00	84	42			110	29				
8:15	172	40			132	32				
8:30	208	28			203	12				
8:45	64	40	528	150	179	18	624	91	1152	241
9:00	47	28			47	16				
9:15	40	28			44	11				
9:30	42	23			32	16				
9:45	31	22	160	101	40	18	163	61	323	162
10:00	52	14			34	9				
10:15	25	18			38	9				
10:30	34	14			26	4				
10:45	42	10	153	56	44	4	142	26	295	82
11:00	23	20			21	6				
11:15	24	7			16	2				
11:30	28	3			36	1				
11:45	28	6	103	36	35	4	108	13	211	49
Totals	1271	2421			1256	2321				
Combined Totals		3692				3577				
ADT										7269
AM Peak Hour	745	AM			800	AM				
Volume	544				624					
P.H.F.	0.654				0.768					
PM Peak Hour		145	PM			215	PM			
Volume		349				503				
P.H.F.		0.793				0.632				
Percentage	34.4%	65.6%			35.1%	64.9%				

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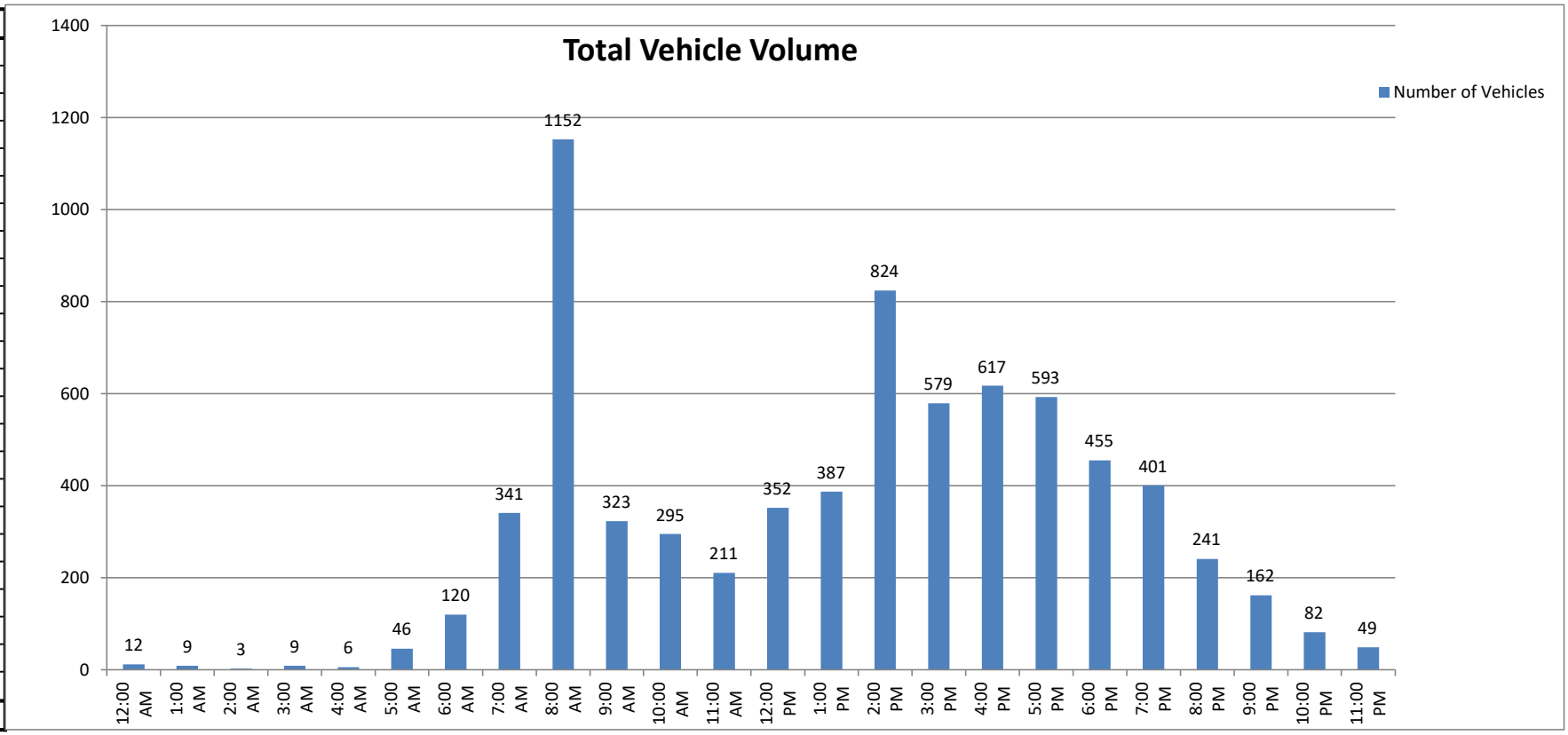
24 Hour Volume Plot

Cadence

B/ Pusan Way - Merit

2/28/2024

Start Time	2/28/2024
12:00 AM	12
1:00 AM	9
2:00 AM	3
3:00 AM	9
4:00 AM	6
5:00 AM	46
6:00 AM	120
7:00 AM	341
8:00 AM	1152
9:00 AM	323
10:00 AM	295
11:00 AM	211
12:00 PM	352
1:00 PM	387
2:00 PM	824
3:00 PM	579
4:00 PM	617
5:00 PM	593
6:00 PM	455
7:00 PM	401
8:00 PM	241
9:00 PM	162
10:00 PM	82
11:00 PM	49
Total	7269



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Cadence
B/ Pusan Way - Merit

File Name 99
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	29			2	26				
12:15	2	47			2	61				
12:30	4	44			1	47				
12:45	3	50	13	170	0	38	5	171	18	341
1:00	2	48			2	44				
1:15	3	48			2	41				
1:30	2	39			1	33				
1:45	2	69	9	203	0	39	4	156	13	359
2:00	2	94			1	38				
2:15	1	85			1	196				
2:30	1	73			1	187				
2:45	0	54	4	306	1	79	2	500	6	805
3:00	1	58			2	66				
3:15	1	65			1	72				
3:30	1	91			1	56				
3:45	1	87	3	300	1	132	4	325	7	625
4:00	0	68			1	108				
4:15	1	76			2	89				
4:30	0	65			0	70				
4:45	1	67	1	276	5	93	8	359	9	635
5:00	1	71			2	67				
5:15	4	72			4	81				
5:30	6	70			6	62				
5:45	14	61	24	274	8	79	19	289	43	562
6:00	14	70			7	50				
6:15	16	80			5	47				
6:30	29	78			6	46				
6:45	26	57	84	284	15	40	33	183	117	466
7:00	39	46			16	52				
7:15	39	68			28	43				
7:30	34	60			42	36				
7:45	70	60	181	234	66	25	152	155	333	388
8:00	81	44			112	35				
8:15	163	41			137	21				
8:30	198	31			196	15				
8:45	57	30	499	146	170	22	614	92	1113	238
9:00	47	30			38	15				
9:15	37	32			43	15				
9:30	32	20			35	15				
9:45	34	17	149	99	30	17	146	62	294	160
10:00	58	18			46	9				
10:15	33	19			53	6				
10:30	31	14			34	7				
10:45	50	9	172	59	49	4	182	25	354	83
11:00	31	13			28	5				
11:15	28	10			24	2				
11:30	26	5			36	2				
11:45	32	6	117	33	28	2	115	10	232	43
Totals	1254	2381			1281	2324				
Combined Totals		3635				3605				
ADT										7240
AM Peak Hour	745	AM			800	AM				
Volume	512				614					
P.H.F.	0.646				0.785					
PM Peak Hour		330	PM			215	PM			
Volume		322				527				
P.H.F.		0.885				0.672				
Percentage	34.5%	65.5%			35.5%	64.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Cadence
B/ Ridge Valley - Bosque

File Name 97
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	15			1	29				
12:15	2	11			0	38				
12:30	0	21			2	33				
12:45	0	6	5	53	2	36	5	136	10	189
1:00	0	11			3	28				
1:15	1	23			3	25				
1:30	1	33			1	28				
1:45	1	42	3	109	0	34	7	115	10	224
2:00	0	42			1	47				
2:15	0	30			0	137				
2:30	0	31			1	70				
2:45	2	32	2	135	1	72	3	326	5	461
3:00	2	47			0	98				
3:15	0	44			0	48				
3:30	1	34			0	46				
3:45	1	17	4	142	0	100	0	292	4	434
4:00	1	23			2	48				
4:15	0	17			5	65				
4:30	0	30			2	70				
4:45	1	35	2	105	4	64	13	247	15	352
5:00	1	34			2	52				
5:15	0	32			1	61				
5:30	6	26			7	44				
5:45	2	35	9	127	11	39	21	196	30	323
6:00	3	22			13	51				
6:15	3	25			3	45				
6:30	1	25			17	24				
6:45	7	28	14	100	19	30	52	150	66	250
7:00	7	23			21	28				
7:15	9	22			34	29				
7:30	22	20			52	35				
7:45	59	16	97	81	65	31	172	123	269	204
8:00	83	14			111	12				
8:15	83	12			96	18				
8:30	52	6			73	13				
8:45	17	12	235	44	51	19	331	62	566	106
9:00	18	19			34	14				
9:15	19	9			41	22				
9:30	11	7			42	9				
9:45	16	9	64	44	32	14	149	59	213	103
10:00	20	7			46	5				
10:15	18	4			31	7				
10:30	16	4			44	7				
10:45	13	2	67	17	43	3	164	22	231	39
11:00	9	5			26	5				
11:15	10	4			42	3				
11:30	9	0			25	3				
11:45	12	1	40	10	23	2	116	13	156	23
Totals	542	967			1033	1741				
Combined Totals		1509				2774				
ADT										4283
AM Peak Hour	745	AM			745	AM				
Volume	277				345					
P.H.F.	0.834				0.777					
PM Peak Hour		245	PM			215	PM			
Volume		157				377				
P.H.F.		0.835				0.688				
Percentage	35.9%	64.1%			37.2%	62.8%				

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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

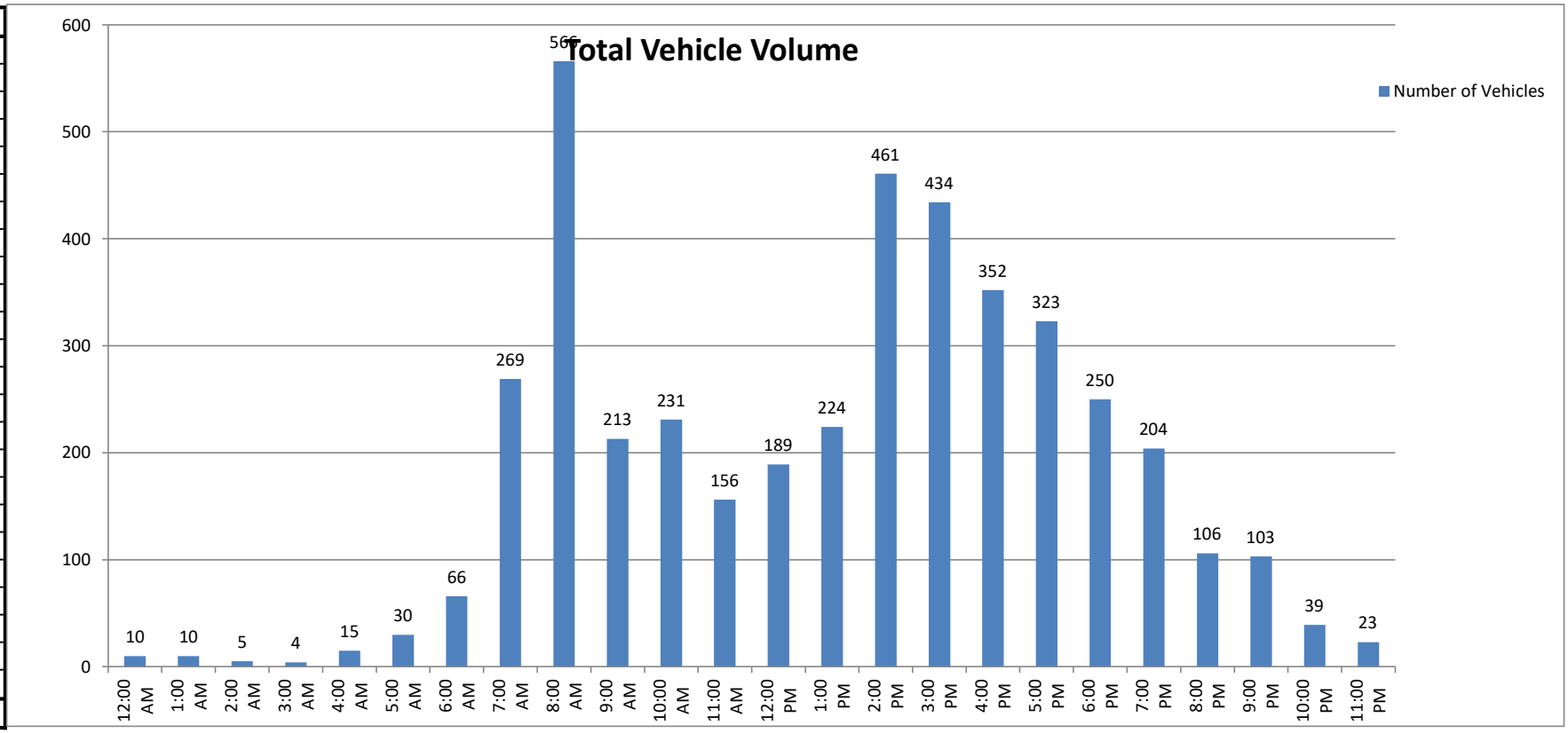
24 Hour Volume Plot

Cadence

B/ Ridge Valley - Bosque

2/27/2024

Start Time	2/27/2024
12:00 AM	10
1:00 AM	10
2:00 AM	5
3:00 AM	4
4:00 AM	15
5:00 AM	30
6:00 AM	66
7:00 AM	269
8:00 AM	566
9:00 AM	213
10:00 AM	231
11:00 AM	156
12:00 PM	189
1:00 PM	224
2:00 PM	461
3:00 PM	434
4:00 PM	352
5:00 PM	323
6:00 PM	250
7:00 PM	204
8:00 PM	106
9:00 PM	103
10:00 PM	39
11:00 PM	23
Total	4283



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Ridge Valley - Bosque

File Name 97
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	8			6	24				
12:15	1	19			3	47				
12:30	0	21			1	36				
12:45	1	18	2	66	0	28	10	135	12	201
1:00	1	27			2	51				
1:15	0	43			0	31				
1:30	0	25			2	53				
1:45	0	44	1	139	0	45	4	180	5	319
2:00	0	35			0	65				
2:15	0	22			0	74				
2:30	0	30			1	82				
2:45	3	22	3	109	1	48	2	269	5	378
3:00	0	27			1	61				
3:15	1	34			1	39				
3:30	1	37			0	61				
3:45	2	32	4	130	0	69	2	230	6	360
4:00	0	30			0	51				
4:15	0	20			2	39				
4:30	0	34			1	54				
4:45	0	29	0	113	3	61	6	205	6	318
5:00	1	39			1	66				
5:15	0	31			6	58				
5:30	4	31			3	55				
5:45	2	33	7	134	9	61	19	240	26	374
6:00	2	19			12	44				
6:15	8	30			15	39				
6:30	5	29			11	45				
6:45	14	24	29	102	18	43	56	171	85	273
7:00	4	14			19	39				
7:15	9	20			39	24				
7:30	18	21			45	27				
7:45	64	20	95	75	74	25	177	115	272	190
8:00	91	19			100	27				
8:15	85	17			123	18				
8:30	35	7			73	21				
8:45	23	12	234	55	70	17	366	83	600	138
9:00	16	11			32	9				
9:15	13	10			37	20				
9:30	11	12			37	12				
9:45	8	9	48	42	35	12	141	53	189	95
10:00	13	8			36	5				
10:15	14	6			28	11				
10:30	16	5			35	3				
10:45	16	7	59	26	46	4	145	23	204	49
11:00	15	2			31	4				
11:15	15	4			33	6				
11:30	15	5			37	4				
11:45	7	4	52	15	28	5	129	19	181	34
Totals	534	1006			1057	1723				
Combined Totals		1540				2780				
ADT										4320
AM Peak Hour	745	AM			745	AM				
Volume	275				370					
P.H.F.	0.755				0.752					
PM Peak Hour		115	PM			200	PM			
Volume		147				269				
P.H.F.		0.835				0.820				
Percentage	34.7%	65.3%			38.0%	62.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

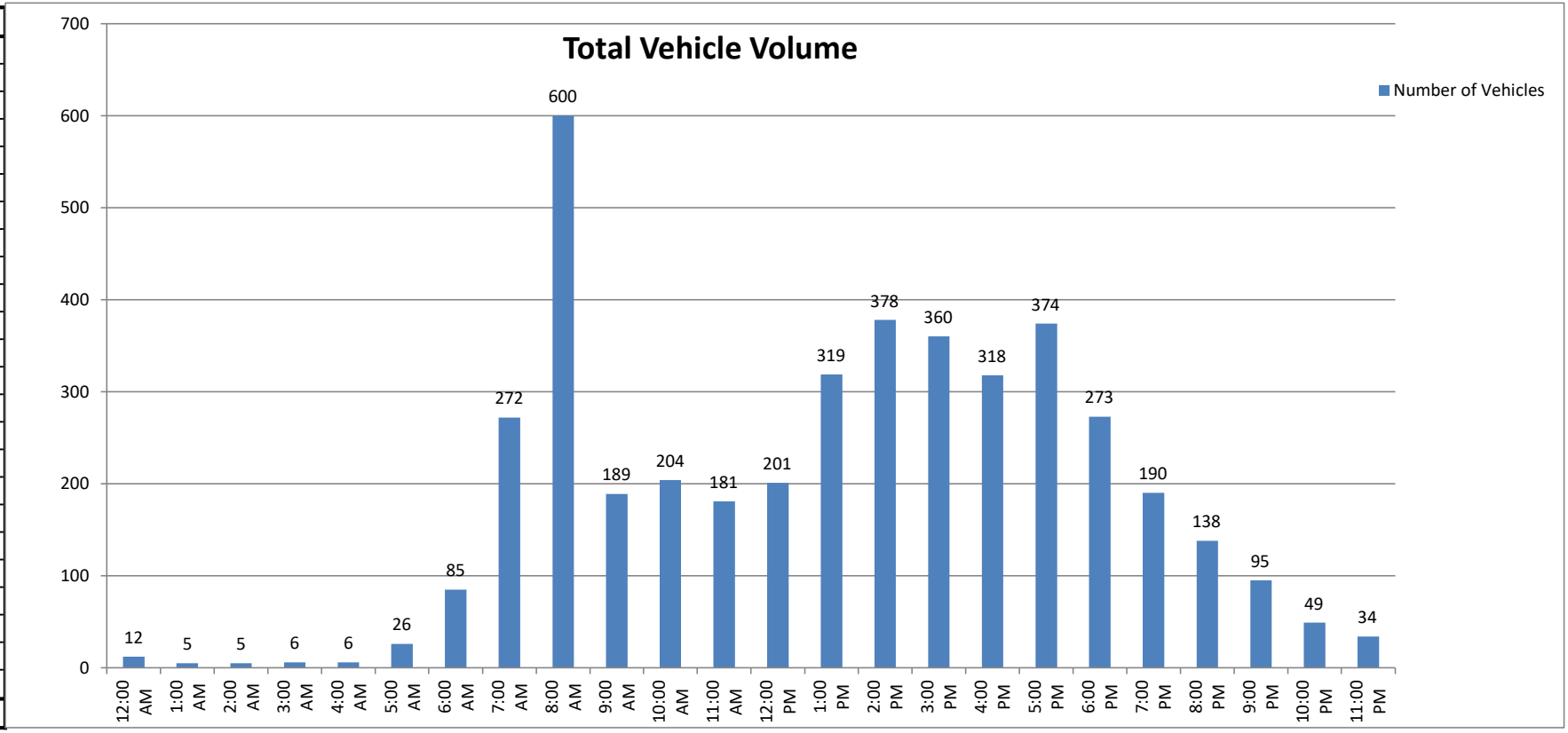
24 Hour Volume Plot

Cadence

B/ Ridge Valley - Bosque

2/28/2024

Start Time	2/28/2024
12:00 AM	12
1:00 AM	5
2:00 AM	5
3:00 AM	6
4:00 AM	6
5:00 AM	26
6:00 AM	85
7:00 AM	272
8:00 AM	600
9:00 AM	189
10:00 AM	204
11:00 AM	181
12:00 PM	201
1:00 PM	319
2:00 PM	378
3:00 PM	360
4:00 PM	318
5:00 PM	374
6:00 PM	273
7:00 PM	190
8:00 PM	138
9:00 PM	95
10:00 PM	49
11:00 PM	34
Total	4320



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Cadence
B/ Ridge Valley - Bosque

File Name 97
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	12			4	27				
12:15	2	15			2	43				
12:30	0	21			2	35				
12:45	1	12	4	60	1	32	8	136	11	195
1:00	1	19			3	40				
1:15	1	33			2	28				
1:30	1	29			2	41				
1:45	1	43	2	124	0	40	6	148	8	272
2:00	0	39			1	56				
2:15	0	26			0	106				
2:30	0	31			1	76				
2:45	3	27	3	122	1	60	3	298	5	420
3:00	1	37			1	80				
3:15	1	39			1	44				
3:30	1	36			0	54				
3:45	2	25	4	136	0	85	1	261	5	397
4:00	1	27			1	50				
4:15	0	19			4	52				
4:30	0	32			2	62				
4:45	1	32	1	109	4	63	10	226	11	335
5:00	1	37			2	59				
5:15	0	32			4	60				
5:30	5	29			5	50				
5:45	2	34	8	131	10	50	20	218	28	349
6:00	3	21			13	48				
6:15	6	28			9	42				
6:30	3	27			14	35				
6:45	11	26	22	101	19	37	54	161	76	262
7:00	6	19			20	34				
7:15	9	21			37	27				
7:30	20	21			49	31				
7:45	62	18	96	78	70	28	175	119	271	197
8:00	87	17			106	20				
8:15	84	15			110	18				
8:30	44	7			73	17				
8:45	20	12	235	50	61	18	349	73	583	122
9:00	17	15			33	12				
9:15	16	10			39	21				
9:30	11	10			40	11				
9:45	12	9	56	43	34	13	145	56	201	99
10:00	17	8			41	5				
10:15	16	5			30	9				
10:30	16	5			40	5				
10:45	15	5	63	22	45	4	155	23	218	44
11:00	12	4			29	5				
11:15	13	4			38	5				
11:30	12	3			31	4				
11:45	10	3	46	13	26	4	123	16	169	29
Totals	538	987			1045	1732				
Combined Totals		1525				2777				
ADT										4302
AM Peak Hour	745	AM			745	AM				
Volume	276				358					
P.H.F.	0.793				0.816					
PM Peak Hour		115	PM			215	PM			
Volume		144				321				
P.H.F.		0.834				0.761				
Percentage	35.3%	64.7%			37.6%	62.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Canyon View Avenue
W/ Jamboree Road
24 Hour Directional Volume Count

ORN023
Site Code: 051-24139

Start Time	2/8/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	40			2	37				
12:15		3	37			3	41				
12:30		0	49			2	34				
12:45		1	43	7	169	1	29	8	141	15	310
01:00		1	49			1	47				
01:15		1	47			2	48				
01:30		0	39			1	51				
01:45		1	49	3	184	1	28	5	174	8	358
02:00		0	39			1	45				
02:15		1	45			0	58				
02:30		0	49			1	51				
02:45		1	53	2	186	0	60	2	214	4	400
03:00		1	41			0	84				
03:15		0	33			0	95				
03:30		2	33			1	82				
03:45		1	50	4	157	0	97	1	358	5	515
04:00		3	34			1	90				
04:15		3	59			1	97				
04:30		5	**45**			0	106				
04:45		9	**52**	20	190	1	**116**	3	409	23	599
05:00		7	**43**			1	**120**				
05:15		9	**60**			1	**120**				
05:30		18	35			4	**112**				
05:45		19	31	53	169	3	94	9	446	62	615
06:00		24	43			7	77				
06:15		33	37			5	78				
06:30		51	50			5	72				
06:45		51	23	159	153	13	57	30	284	189	437
07:00		68	34			20	45				
07:15		102	21			21	54				
07:30		**146**	24			18	31				
07:45		**132**	20	448	99	**43**	30	102	160	550	259
08:00		**164**	17			**34**	24				
08:15		**119**	11			**54**	21				
08:30		111	16			**26**	26				
08:45		66	8	460	52	37	29	151	100	611	152
09:00		61	14			24	27				
09:15		45	12			23	24				
09:30		54	11			31	21				
09:45		56	12	216	49	23	16	101	88	317	137
10:00		40	9			25	13				
10:15		40	9			14	14				
10:30		32	3			30	8				
10:45		38	8	150	29	30	8	99	43	249	72
11:00		40	8			30	7				
11:15		27	2			41	5				
11:30		31	0			39	5				
11:45		28	2	126	12	33	2	143	19	269	31
Total		1648	1449	1648	1449	654	2436	654	2436	2302	3885
Combined Total		3097		3097		3090		3090		6187	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	561	-	-	-	157	-	-	-	-	-
P.H.F.		0.855				0.727					
PM Peak	-	-	04:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	200	-	-	-	468	-	-	-	-
P.H.F.			0.833				0.975				
Percentage		53.2%	46.8%			21.2%	78.8%				
ADT/AADT		ADT 6,187		AADT 6,187							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Chapman Avenue
W/ Jamboree Road
24 Hour Directional Volume Count

ORN024
Site Code: 051-24139

Start Time	2/8/2024 Thu	Eatsbound Morning	Eatsbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	86			5	64				
12:15		4	81			5	59				
12:30		6	57			2	70				
12:45		0	49	19	273	3	74	15	267	34	540
01:00		2	67			2	68				
01:15		5	54			1	88				
01:30		1	64			0	75				
01:45		6	66	14	251	3	76	6	307	20	558
02:00		1	75			2	104				
02:15		1	88			0	95				
02:30		2	81			1	129				
02:45		1	82	5	326	0	144	3	472	8	798
03:00		1	70			3	155				
03:15		2	79			3	138				
03:30		4	79			1	198				
03:45		6	99	13	327	3	203	10	694	23	1021
04:00		8	108			2	194				
04:15		2	100			4	225				
04:30		8	100			6	241				
04:45		5	80	23	388	8	**221**	20	881	43	1269
05:00		10	**99**			8	**245**				
05:15		12	**106**			23	**258**				
05:30		28	**119**			13	**272**				
05:45		33	**99**	83	423	17	183	61	958	144	1381
06:00		37	77			13	167				
06:15		52	84			26	128				
06:30		76	79			29	114				
06:45		100	85	265	325	37	79	105	488	370	813
07:00		114	83			49	73				
07:15		125	64			56	56				
07:30		**178**	38			87	35				
07:45		**161**	42	578	227	**120**	30	312	194	890	421
08:00		**164**	52			**109**	29				
08:15		**189**	58			**108**	28				
08:30		168	43			**91**	24				
08:45		134	29	655	182	86	28	394	109	1049	291
09:00		115	22			60	20				
09:15		96	29			47	22				
09:30		81	25			68	22				
09:45		58	25	350	101	47	16	222	80	572	181
10:00		52	21			57	13				
10:15		62	14			52	11				
10:30		65	20			53	13				
10:45		54	7	233	62	45	6	207	43	440	105
11:00		56	7			59	2				
11:15		54	8			61	4				
11:30		50	5			55	4				
11:45		50	8	210	28	53	3	228	13	438	41
Total		2448	2913	2448	2913	1583	4506	1583	4506	4031	7419
Combined Total		5361		5361		6089		6089		11450	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	692	-	-	-	428	-	-	-	-	-
P.H.F.		0.915				0.892					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	423	-	-	-	996	-	-	-	-
P.H.F.			0.889				0.915				
Percentage		45.7%	54.3%			26.0%	74.0%				
ADT/AADT		ADT 11,450		AADT 11,450							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Chinon
B/ Irvine Boulevard - Cadence

File Name 107
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	18			4	20				
12:15	4	38			1	18				
12:30	0	36			1	14				
12:45	0	18	4	110	0	14	6	66	10	176
1:00	1	33			1	17				
1:15	0	20			1	14				
1:30	0	34			0	18				
1:45	2	35	3	122	0	15	2	64	5	186
2:00	0	32			1	30				
2:15	0	71			0	67				
2:30	1	44			2	31				
2:45	0	28	1	175	2	21	5	149	6	324
3:00	1	40			0	26				
3:15	0	32			1	28				
3:30	0	40			0	27				
3:45	0	98	1	210	0	36	1	117	2	327
4:00	0	31			0	36				
4:15	0	42			0	34				
4:30	0	38			0	30				
4:45	2	44	2	155	0	27	0	127	2	282
5:00	3	28			2	26				
5:15	1	42			1	26				
5:30	6	29			2	29				
5:45	6	27	16	126	4	48	9	129	25	255
6:00	4	32			6	19				
6:15	4	38			6	23				
6:30	10	33			14	28				
6:45	12	21	30	124	13	30	39	100	69	224
7:00	20	22			10	26				
7:15	16	28			14	24				
7:30	16	20			12	18				
7:45	36	29	88	99	24	28	60	96	148	195
8:00	34	29			20	14				
8:15	77	16			38	8				
8:30	72	6			45	16				
8:45	45	10	228	61	14	15	117	53	345	114
9:00	19	12			8	12				
9:15	20	13			9	8				
9:30	16	10			15	9				
9:45	33	5	88	40	16	7	48	36	136	76
10:00	46	7			22	8				
10:15	25	8			18	6				
10:30	26	4			20	4				
10:45	32	3	129	22	12	5	72	23	201	45
11:00	20	0			12	1				
11:15	17	0			11	3				
11:30	12	2			5	0				
11:45	18	0	67	2	14	0	42	4	109	6
Totals	657	1246			401	964				
Combined Totals		1903				1365				
ADT										3268
AM Peak Hour	800	AM			745	AM				
Volume	228				127					
P.H.F.	0.740				0.706					
PM Peak Hour		330	PM			200	PM			
Volume		211				149				
P.H.F.		0.538				0.556				
Percentage	34.5%	65.5%			29.4%	70.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

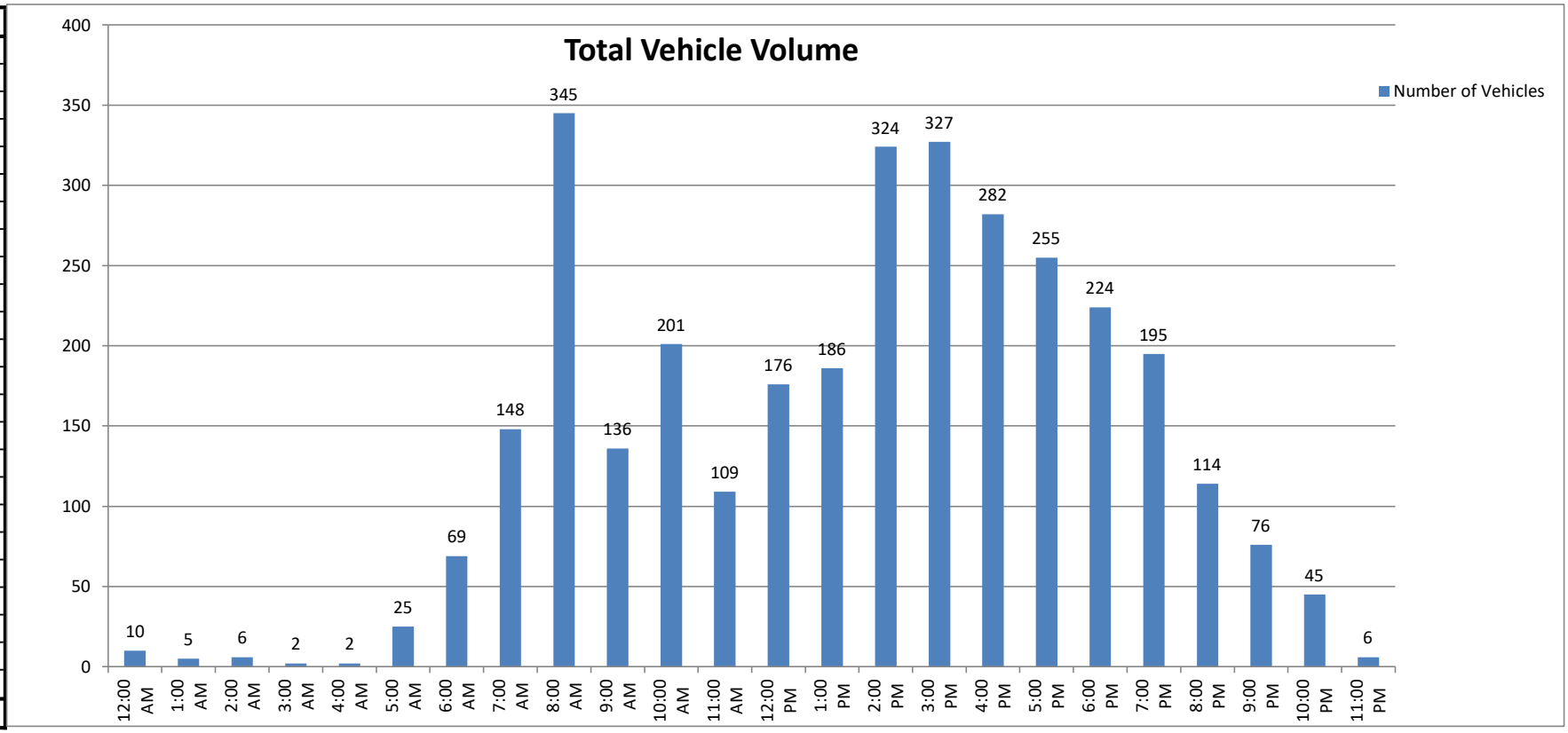
24 Hour Volume Plot

Chinon

B/ Irvine Boulevard - Cadence

2/27/2024

Start Time	2/27/2024
12:00 AM	10
1:00 AM	5
2:00 AM	6
3:00 AM	2
4:00 AM	2
5:00 AM	25
6:00 AM	69
7:00 AM	148
8:00 AM	345
9:00 AM	136
10:00 AM	201
11:00 AM	109
12:00 PM	176
1:00 PM	186
2:00 PM	324
3:00 PM	327
4:00 PM	282
5:00 PM	255
6:00 PM	224
7:00 PM	195
8:00 PM	114
9:00 PM	76
10:00 PM	45
11:00 PM	6
Total	3268



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Chinon
B/ Irvine Boulevard - Cadence

File Name 107
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	24			0	19				
12:15	0	54			1	28				
12:30	1	31			1	16				
12:45	0	18	5	127	0	16	2	79	7	206
1:00	0	24			0	13				
1:15	1	24			2	28				
1:30	1	24			0	19				
1:45	0	32	2	104	0	24	2	84	4	188
2:00	0	44			0	29				
2:15	0	104			0	70				
2:30	0	56			0	24				
2:45	1	22	1	226	0	14	0	137	1	363
3:00	0	30			0	22				
3:15	0	28			2	16				
3:30	0	52			1	37				
3:45	0	63	0	173	0	38	3	113	3	286
4:00	0	32			0	26				
4:15	0	32			0	26				
4:30	1	36			1	32				
4:45	0	27	1	127	0	30	1	114	2	241
5:00	3	37			0	28				
5:15	0	34			3	37				
5:30	5	32			1	40				
5:45	6	28	14	131	6	40	10	145	24	276
6:00	8	28			5	28				
6:15	9	32			6	40				
6:30	14	24			10	18				
6:45	21	22	52	106	14	23	35	109	87	215
7:00	14	20			9	26				
7:15	10	28			10	16				
7:30	14	25			16	18				
7:45	48	35	86	108	16	18	51	78	137	186
8:00	36	25			24	27				
8:15	82	20			44	16				
8:30	83	7			46	6				
8:45	58	14	259	66	18	16	132	65	391	131
9:00	28	5			20	5				
9:15	16	3			13	6				
9:30	23	15			8	10				
9:45	20	8	87	31	15	3	56	24	143	55
10:00	33	4			20	6				
10:15	16	4			14	2				
10:30	20	4			20	2				
10:45	26	4	95	16	20	6	74	16	169	32
11:00	8	8			6	2				
11:15	18	2			17	1				
11:30	12	5			12	1				
11:45	17	2	55	17	10	1	45	5	100	22
Totals	657	1232			411	969				
Combined Totals		1889				1380				
ADT										3269
AM Peak Hour	800 AM				800 AM					
Volume	259				132					
P.H.F.	0.780				0.717					
PM Peak Hour		145 PM				530 PM				
Volume		236				148				
P.H.F.		0.567				0.925				
Percentage	34.8%	65.2%			29.8%	70.2%				

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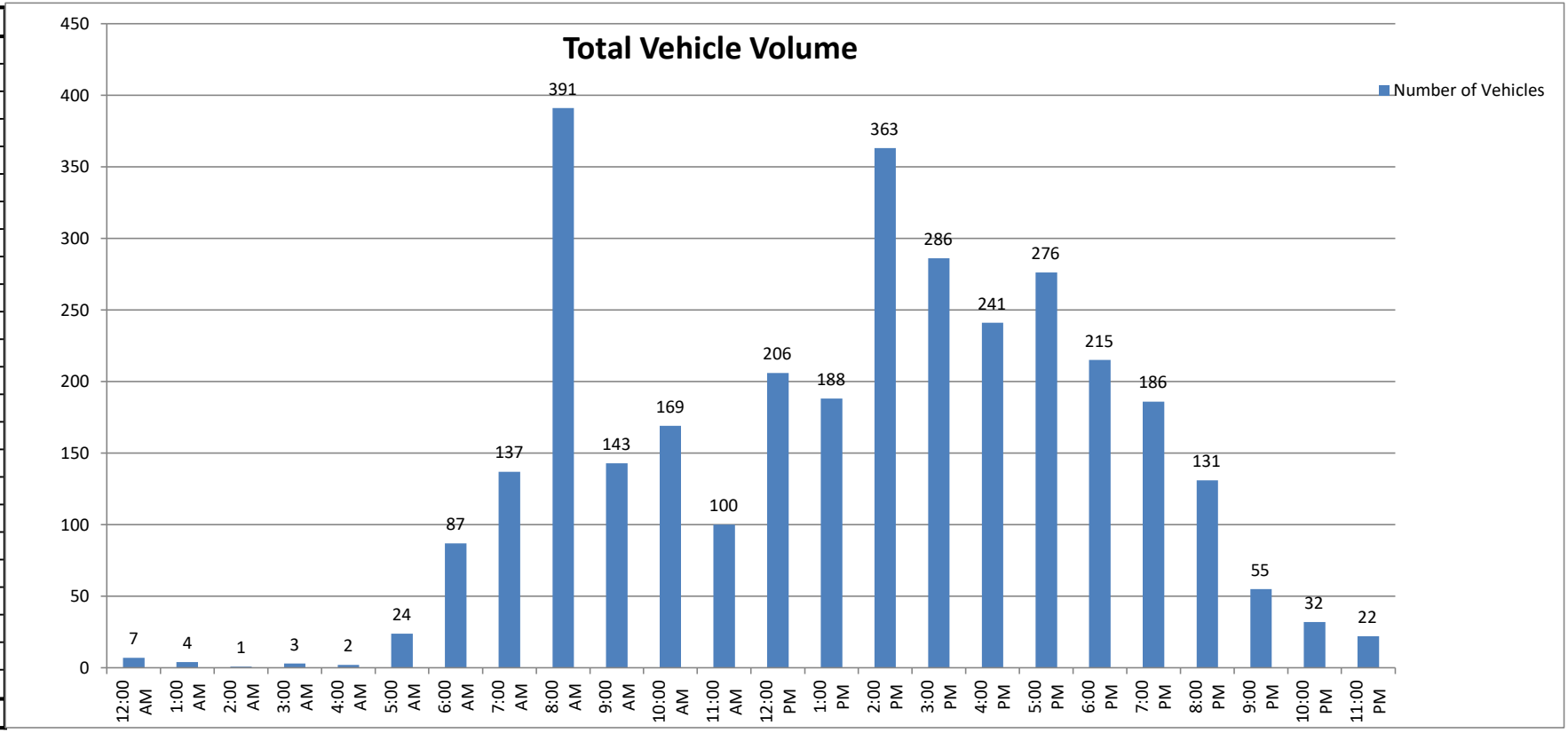
24 Hour Volume Plot

Chinon

B/ Irvine Boulevard - Cadence

2/28/2024

Start Time	2/28/2024
12:00 AM	7
1:00 AM	4
2:00 AM	1
3:00 AM	3
4:00 AM	2
5:00 AM	24
6:00 AM	87
7:00 AM	137
8:00 AM	391
9:00 AM	143
10:00 AM	169
11:00 AM	100
12:00 PM	206
1:00 PM	188
2:00 PM	363
3:00 PM	286
4:00 PM	241
5:00 PM	276
6:00 PM	215
7:00 PM	186
8:00 PM	131
9:00 PM	55
10:00 PM	32
11:00 PM	22
Total	3269



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Chinon
B/ Irvine Boulevard - Cadence

File Name 107
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	21			2	20				
12:15	2	46			1	23				
12:30	1	34			1	15				
12:45	0	18	5	119	0	15	4	73	9	191
1:00	1	29			1	15				
1:15	1	22			2	21				
1:30	1	29			0	19				
1:45	1	34	3	113	0	20	2	74	5	187
2:00	0	38			1	30				
2:15	0	88			0	69				
2:30	1	50			1	28				
2:45	1	25	1	201	1	18	3	143	4	344
3:00	1	35			0	24				
3:15	0	30			2	22				
3:30	0	46			1	32				
3:45	0	81	1	192	0	37	2	115	3	307
4:00	0	32			0	31				
4:15	0	37			0	30				
4:30	1	37			1	31				
4:45	1	36	2	141	0	29	1	121	2	262
5:00	3	33			1	27				
5:15	1	38			2	32				
5:30	6	31			2	35				
5:45	6	28	15	129	5	44	10	137	25	266
6:00	6	30			6	24				
6:15	7	35			6	32				
6:30	12	29			12	23				
6:45	17	22	41	115	14	27	37	105	78	220
7:00	17	21			10	26				
7:15	13	28			12	20				
7:30	15	23			14	18				
7:45	42	32	87	104	20	23	56	87	143	191
8:00	35	27			22	21				
8:15	80	18			41	12				
8:30	78	7			46	11				
8:45	52	12	244	64	16	16	125	59	368	123
9:00	24	9			14	9				
9:15	18	8			11	7				
9:30	20	13			12	10				
9:45	27	7	88	36	16	5	52	30	140	66
10:00	40	6			21	7				
10:15	21	6			16	4				
10:30	23	4			20	3				
10:45	29	4	112	19	16	6	73	20	185	39
11:00	14	4			9	2				
11:15	18	1			14	2				
11:30	12	4			9	1				
11:45	18	1	61	10	12	1	44	5	105	14
Totals	657	1239			406	967				
Combined Totals		1896				1373				
ADT										3269
AM Peak Hour	800	AM			745	AM				
Volume	244				129					
P.H.F.	0.766				0.706					
PM Peak Hour		145	PM			145	PM			
Volume		209				145				
P.H.F.		0.597				0.529				
Percentage	34.7%	65.3%			29.6%	70.4%				

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City of Irvine
Culver Drive
B/ Alton Parkway - Barranca Parkway

File Name 117
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	306			34	341				
12:15	29	378			29	373				
12:30	19	324			17	363				
12:45	17	327	101	1335	21	367	101	1444	202	2779
1:00	17	334			17	340				
1:15	14	349			14	374				
1:30	15	392			14	416				
1:45	11	362	57	1437	11	324	56	1454	113	2891
2:00	5	381			10	367				
2:15	11	420			9	332				
2:30	13	405			5	359				
2:45	12	466	41	1672	4	413	28	1471	69	3143
3:00	7	445			10	350				
3:15	5	500			5	416				
3:30	5	437			12	355				
3:45	1	527	18	1909	10	417	37	1538	55	3447
4:00	7	545			13	358				
4:15	22	551			13	459				
4:30	11	511			22	386				
4:45	39	599	79	2206	26	411	74	1614	153	3820
5:00	29	536			36	392				
5:15	31	594			54	453				
5:30	40	537			51	438				
5:45	35	552	135	2219	107	482	248	1765	383	3984
6:00	56	515			86	388				
6:15	65	517			116	421				
6:30	92	373			139	344				
6:45	96	404	309	1809	185	369	526	1522	835	3331
7:00	122	379			219	327				
7:15	173	353			310	314				
7:30	184	279			419	276				
7:45	272	276	751	1287	549	260	1497	1177	2248	2464
8:00	258	305			508	249				
8:15	342	246			528	235				
8:30	321	271			475	212				
8:45	315	200	1236	1022	513	218	2024	914	3260	1936
9:00	256	173			389	193				
9:15	271	199			400	165				
9:30	237	125			354	166				
9:45	282	125	1046	622	330	143	1473	667	2519	1289
10:00	269	92			339	158				
10:15	278	103			354	106				
10:30	274	90			351	96				
10:45	301	78	1122	363	359	79	1403	439	2525	802
11:00	282	77			322	83				
11:15	296	65			392	69				
11:30	319	43			310	45				
11:45	329	33	1226	218	354	36	1378	233	2604	451
Totals	6121	16099			8845	14238				
Combined Totals		22220				23083				
ADT										45303
AM Peak Hour	800	AM			745	AM				
Volume	1236				2060					
P.H.F.	0.904				0.938					
PM Peak Hour		445	PM			500	PM			
Volume		2266				1765				
P.H.F.		0.946				0.915				
Percentage	27.5%	72.5%			38.3%	61.7%				

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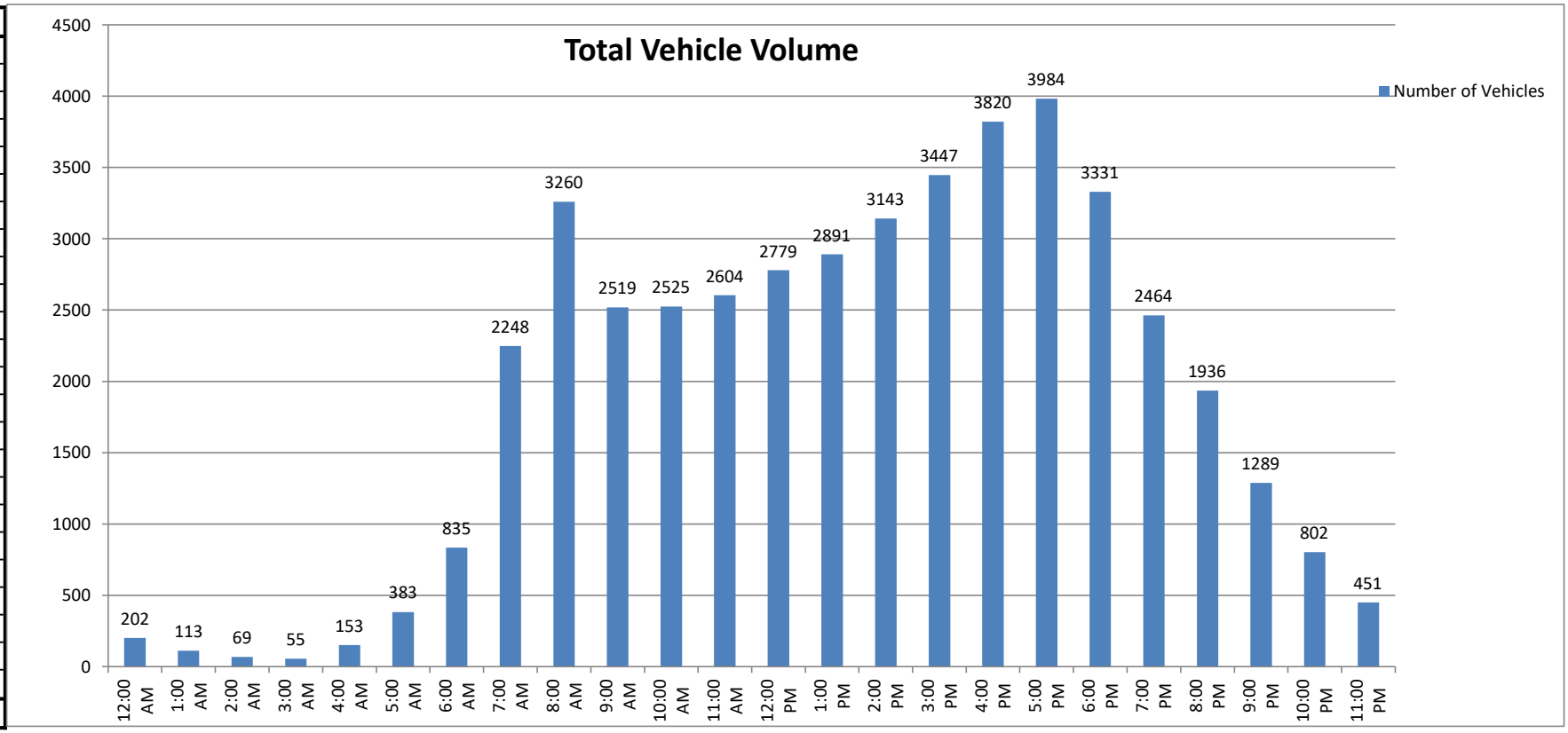
24 Hour Volume Plot

Culver Drive
B/ Alton Parkway - Barranca Parkway

12/5/2023

Start Time	12/5/2023
12:00 AM	202
1:00 AM	113
2:00 AM	69
3:00 AM	55
4:00 AM	153
5:00 AM	383
6:00 AM	835
7:00 AM	2248
8:00 AM	3260
9:00 AM	2519
10:00 AM	2525
11:00 AM	2604
12:00 PM	2779
1:00 PM	2891
2:00 PM	3143
3:00 PM	3447
4:00 PM	3820
5:00 PM	3984
6:00 PM	3331
7:00 PM	2464
8:00 PM	1936
9:00 PM	1289
10:00 PM	802
11:00 PM	451
Total	45303



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Alton Parkway - Barranca Parkway

File Name 117
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	41	321			34	337				
12:15	31	398			26	379				
12:30	30	344			27	384				
12:45	20	368	122	1431	15	375	102	1475	224	2906
1:00	19	431			21	436				
1:15	15	447			16	338				
1:30	14	397			11	405				
1:45	15	394	63	1669	10	376	58	1555	121	3224
2:00	5	402			6	367				
2:15	9	397			11	382				
2:30	11	423			11	339				
2:45	10	389	35	1611	12	407	40	1495	75	3106
3:00	7	402			11	352				
3:15	8	504			6	386				
3:30	10	458			12	374				
3:45	8	522	33	1886	4	447	33	1559	66	3445
4:00	13	538			17	347				
4:15	16	587			15	462				
4:30	18	534			24	360				
4:45	31	590	78	2249	32	407	88	1576	166	3825
5:00	29	524			34	431				
5:15	21	570			63	484				
5:30	42	508			57	432				
5:45	44	551	136	2153	105	472	259	1819	395	3972
6:00	64	509			92	402				
6:15	59	503			95	415				
6:30	89	416			155	388				
6:45	96	401	308	1829	193	456	535	1661	843	3490
7:00	121	345			213	366				
7:15	173	317			330	338				
7:30	197	306			414	283				
7:45	290	293	781	1261	527	265	1484	1252	2265	2513
8:00	258	295			493	250				
8:15	348	246			603	251				
8:30	304	225			527	238				
8:45	309	222	1219	988	510	242	2133	981	3352	1969
9:00	267	188			391	200				
9:15	276	196			418	179				
9:30	241	168			414	150				
9:45	287	127	1071	679	370	133	1593	662	2664	1341
10:00	251	112			318	139				
10:15	300	95			352	126				
10:30	271	77			391	76				
10:45	304	77	1126	361	359	79	1420	420	2546	781
11:00	356	61			373	75				
11:15	320	55			393	60				
11:30	352	46			348	36				
11:45	346	38	1374	200	375	30	1489	201	2863	401
Totals	6346	16317			9234	14656				
Combined Totals		22663				23890				
ADT										46553
AM Peak Hour	1100	AM			745	AM				
Volume	1374				2150					
P.H.F.	0.965				0.891					
PM Peak Hour		400	PM			500	PM			
Volume		2249				1819				
P.H.F.		0.953				0.940				
Percentage	28.0%	72.0%			38.7%	61.3%				

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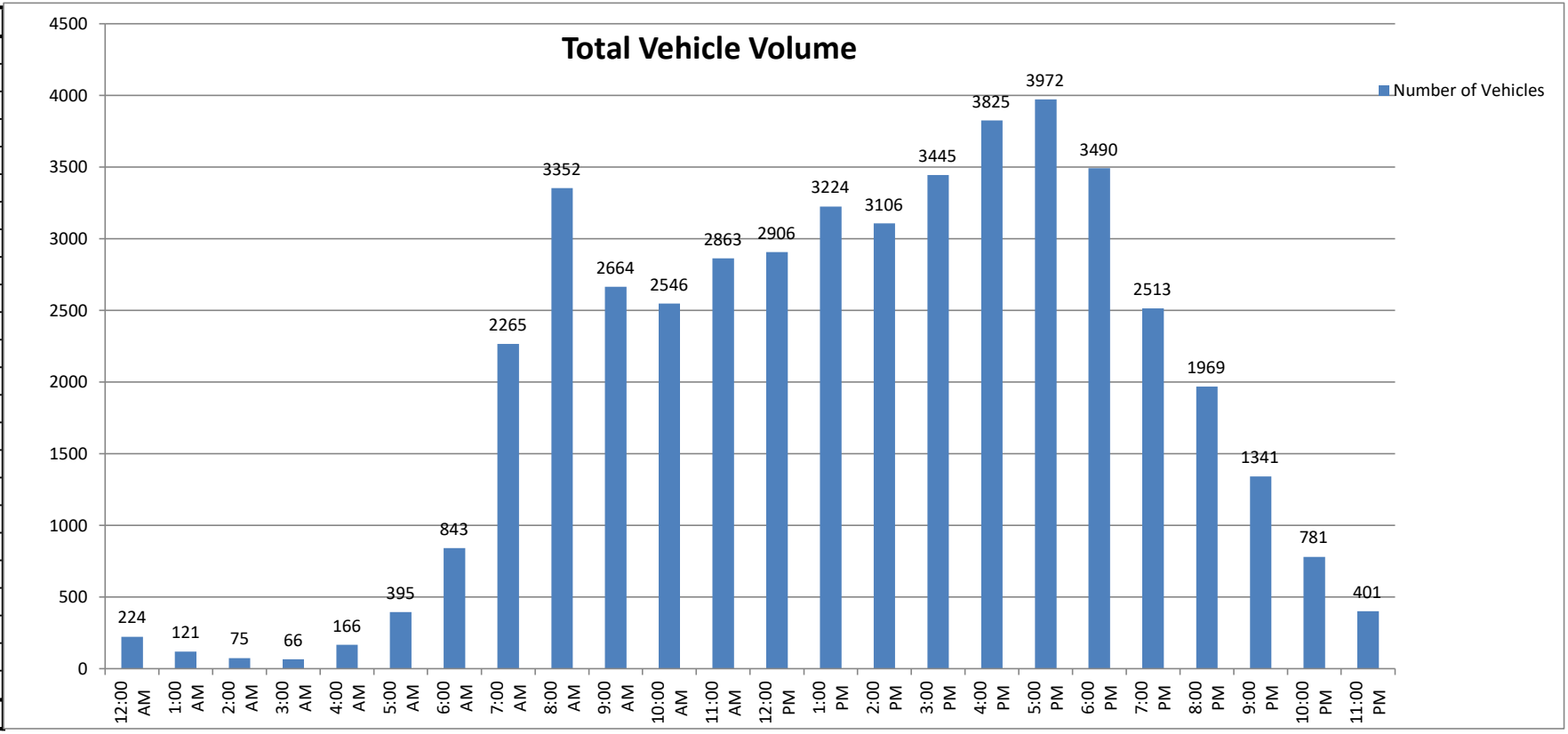
24 Hour Volume Plot

Culver Drive
B/ Alton Parkway - Barranca Parkway

12/6/2023

Start Time	12/6/2023
12:00 AM	224
1:00 AM	121
2:00 AM	75
3:00 AM	66
4:00 AM	166
5:00 AM	395
6:00 AM	843
7:00 AM	2265
8:00 AM	3352
9:00 AM	2664
10:00 AM	2546
11:00 AM	2863
12:00 PM	2906
1:00 PM	3224
2:00 PM	3106
3:00 PM	3445
4:00 PM	3825
5:00 PM	3972
6:00 PM	3490
7:00 PM	2513
8:00 PM	1969
9:00 PM	1341
10:00 PM	781
11:00 PM	401
Total	46553



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Culver Drive
B/ Alton Parkway - Barranca Parkway

File Name 117
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	39	314			34	339				
12:15	30	388			28	376				
12:30	25	334			22	374				
12:45	19	348	112	1383	18	371	102	1460	213	2843
1:00	18	383			19	388				
1:15	15	398			15	356				
1:30	15	395			13	411				
1:45	13	378	60	1553	11	350	57	1505	117	3058
2:00	5	392			8	367				
2:15	10	409			10	357				
2:30	12	414			8	349				
2:45	11	428	38	1642	8	410	34	1483	72	3125
3:00	7	424			11	351				
3:15	7	502			6	401				
3:30	8	448			12	365				
3:45	5	525	26	1898	7	432	35	1549	61	3446
4:00	10	542			15	353				
4:15	19	569			14	461				
4:30	15	523			23	373				
4:45	35	595	79	2228	29	409	81	1595	160	3823
5:00	29	530			35	412				
5:15	26	582			59	469				
5:30	41	523			54	435				
5:45	40	552	136	2186	106	477	254	1792	389	3978
6:00	60	512			89	395				
6:15	62	510			106	418				
6:30	91	395			147	366				
6:45	96	403	309	1819	189	413	531	1592	839	3411
7:00	122	362			216	347				
7:15	173	335			320	326				
7:30	191	293			417	280				
7:45	281	285	766	1274	538	263	1491	1215	2257	2489
8:00	258	300			501	250				
8:15	345	246			566	243				
8:30	313	248			501	225				
8:45	312	211	1228	1005	512	230	2079	948	3306	1953
9:00	262	181			390	197				
9:15	274	198			409	172				
9:30	239	147			384	158				
9:45	285	126	1059	651	350	138	1533	665	2592	1315
10:00	260	102			329	149				
10:15	289	99			353	116				
10:30	273	84			371	86				
10:45	303	78	1124	362	359	79	1412	430	2536	792
11:00	319	69			348	79				
11:15	308	60			393	65				
11:30	336	45			329	41				
11:45	338	36	1300	209	365	33	1434	217	2734	426
Totals	6234	16208			9040	14447				
Combined Totals		22442				23487				
ADT										45928
AM Peak Hour	1100	AM			745	AM				
Volume	1300				2105					
P.H.F.	0.963				0.931					
PM Peak Hour		445	PM			500	PM			
Volume		2229				1792				
P.H.F.		0.937				0.939				
Percentage	27.8%	72.2%			38.5%	61.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Barranca Parkway - Warner Avenue

File Name 118
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	295			28	322				
12:15	33	317			21	338				
12:30	20	338			15	318				
12:45	13	316	101	1266	13	325	77	1303	178	2569
1:00	18	326			13	285				
1:15	13	331			12	356				
1:30	15	320			13	361				
1:45	11	361	57	1338	12	341	50	1343	107	2681
2:00	8	316			10	330				
2:15	11	402			5	293				
2:30	10	348			6	361				
2:45	7	433	36	1499	5	365	26	1349	62	2848
3:00	6	434			8	318				
3:15	2	477			3	392				
3:30	6	432			9	289				
3:45	1	502	15	1845	10	406	30	1405	45	3250
4:00	5	475			12	347				
4:15	10	524			9	423				
4:30	13	505			25	359				
4:45	14	572	42	2076	32	367	78	1496	120	3572
5:00	11	514			43	322				
5:15	20	562			55	437				
5:30	25	534			60	374				
5:45	23	583	79	2193	109	475	267	1608	346	3801
6:00	45	502			91	351				
6:15	42	521			124	332				
6:30	60	351			121	304				
6:45	73	394	220	1768	184	278	520	1265	740	3033
7:00	93	362			228	286				
7:15	129	332			332	243				
7:30	141	298			471	250				
7:45	206	264	569	1256	576	206	1607	985	2176	2241
8:00	209	271			583	205				
8:15	284	242			572	193				
8:30	251	228			568	181				
8:45	259	234	1003	975	508	177	2231	756	3234	1731
9:00	227	175			428	167				
9:15	219	185			415	129				
9:30	208	126			375	108				
9:45	204	122	858	608	387	132	1605	536	2463	1144
10:00	229	106			387	114				
10:15	254	99			325	82				
10:30	242	99			355	69				
10:45	276	72	1001	376	378	39	1445	304	2446	680
11:00	254	90			303	44				
11:15	293	53			387	51				
11:30	292	45			285	35				
11:45	288	19	1127	207	326	35	1301	165	2428	372
Totals	5108	15407			9237	12515				
Combined Totals		20515				21752				
ADT										42267
AM Peak Hour	1100	AM			745	AM				
Volume	1127				2299					
P.H.F.	0.962				0.986					
PM Peak Hour		500	PM			515	PM			
Volume		2193				1637				
P.H.F.		0.940				0.862				
Percentage	24.9%	75.1%			42.5%	57.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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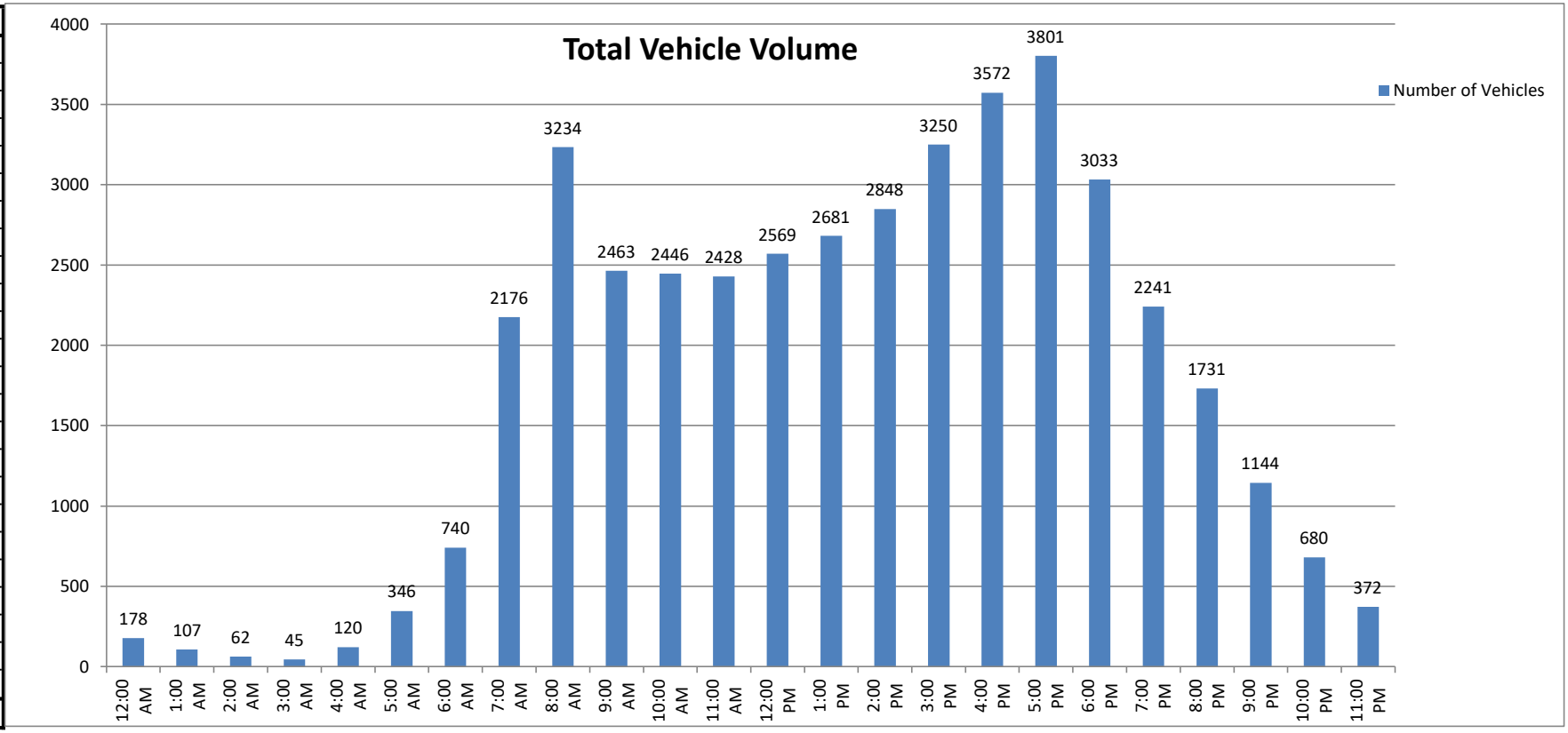
24 Hour Volume Plot

Culver Drive

B/ Barranca Parkway - Warner Avenue

12/5/2023

Start Time	12/5/2023
12:00 AM	178
1:00 AM	107
2:00 AM	62
3:00 AM	45
4:00 AM	120
5:00 AM	346
6:00 AM	740
7:00 AM	2176
8:00 AM	3234
9:00 AM	2463
10:00 AM	2446
11:00 AM	2428
12:00 PM	2569
1:00 PM	2681
2:00 PM	2848
3:00 PM	3250
4:00 PM	3572
5:00 PM	3801
6:00 PM	3033
7:00 PM	2241
8:00 PM	1731
9:00 PM	1144
10:00 PM	680
11:00 PM	372
Total	42267



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Barranca Parkway - Warner Avenue

File Name 118
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	286			25	317				
12:15	25	359			19	344				
12:30	31	358			21	316				
12:45	17	327	109	1330	12	356	77	1333	186	2663
1:00	18	438			17	338				
1:15	15	374			13	348				
1:30	12	352			7	345				
1:45	16	359	61	1523	9	409	46	1440	107	2963
2:00	2	334			8	351				
2:15	9	385			8	311				
2:30	10	374			9	368				
2:45	10	393	31	1486	12	366	37	1396	68	2882
3:00	4	376			10	350				
3:15	6	496			10	382				
3:30	16	457			11	343				
3:45	8	524	34	1853	6	413	37	1488	71	3341
4:00	8	498			16	359				
4:15	10	555			19	418				
4:30	13	527			23	356				
4:45	9	603	40	2183	45	376	103	1509	143	3692
5:00	17	514			36	370				
5:15	23	550			62	448				
5:30	29	521			54	400				
5:45	32	559	101	2144	107	429	259	1647	360	3791
6:00	39	489			96	354				
6:15	40	508			119	373				
6:30	70	389			138	402				
6:45	67	419	216	1805	171	350	524	1479	740	3284
7:00	100	347			224	321				
7:15	122	305			343	266				
7:30	134	306			421	233				
7:45	197	265	553	1223	543	227	1531	1047	2084	2270
8:00	204	270			541	212				
8:15	263	264			620	203				
8:30	246	237			527	172				
8:45	247	226	960	997	557	190	2245	777	3205	1774
9:00	221	196			464	145				
9:15	221	210			412	137				
9:30	208	133			428	126				
9:45	210	137	860	676	362	105	1666	513	2526	1189
10:00	220	107			378	105				
10:15	247	96			332	86				
10:30	269	70			383	62				
10:45	297	74	1033	347	382	58	1475	311	2508	658
11:00	283	58			362	52				
11:15	304	50			353	45				
11:30	319	38			329	26				
11:45	281	41	1187	187	325	34	1369	157	2556	344
Totals	5185	15754			9369	13097				
Combined Totals		20939				22466				
ADT										43405
AM Peak Hour	1045	AM			800	AM				
Volume	1203				2245					
P.H.F.	0.943				0.905					
PM Peak Hour		415	PM			500	PM			
Volume		2199				1647				
P.H.F.		0.912				0.919				
Percentage	24.8%	75.2%			41.7%	58.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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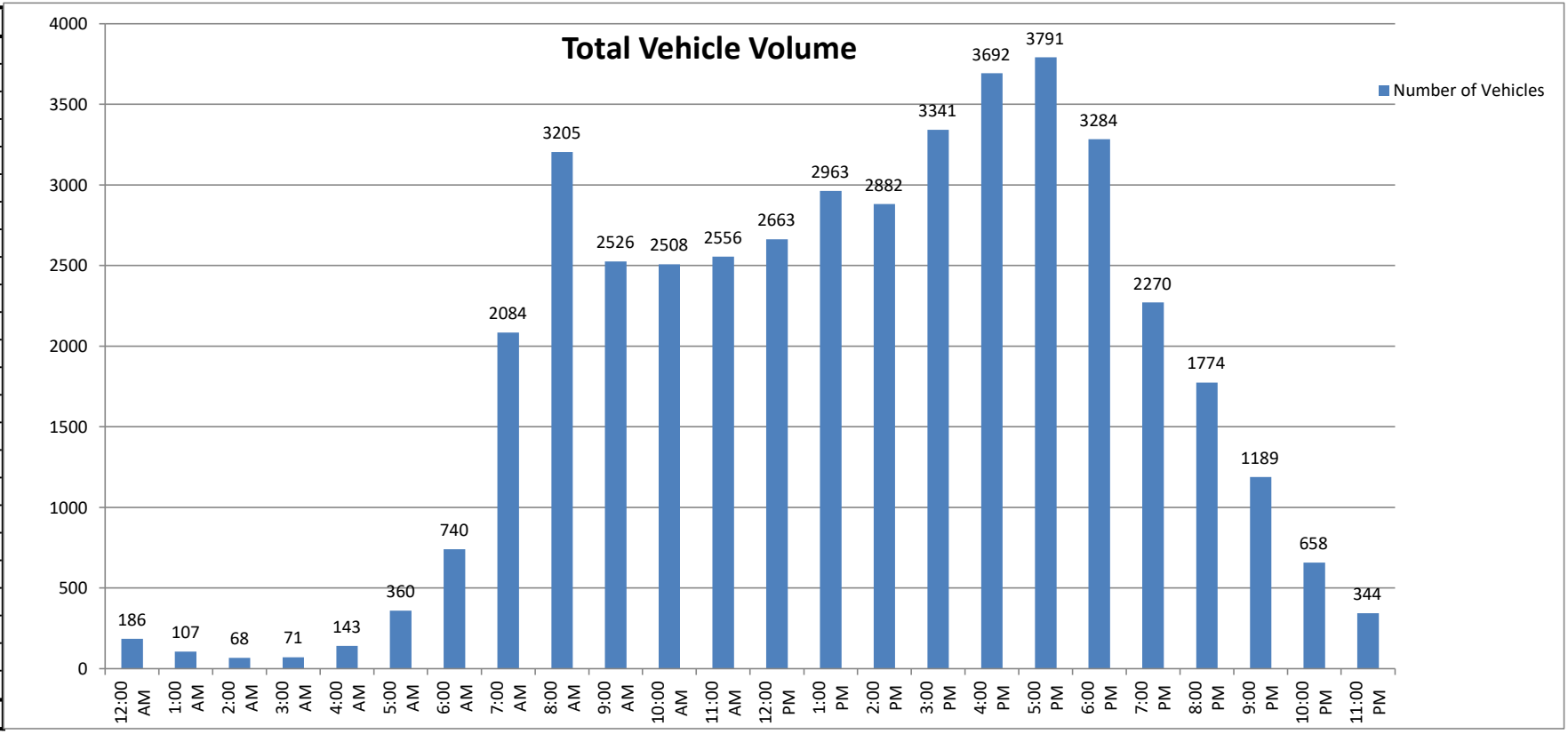
24 Hour Volume Plot

Culver Drive

B/ Barranca Parkway - Warner Avenue

12/6/2023

Start Time	12/6/2023
12:00 AM	186
1:00 AM	107
2:00 AM	68
3:00 AM	71
4:00 AM	143
5:00 AM	360
6:00 AM	740
7:00 AM	2084
8:00 AM	3205
9:00 AM	2526
10:00 AM	2508
11:00 AM	2556
12:00 PM	2663
1:00 PM	2963
2:00 PM	2882
3:00 PM	3341
4:00 PM	3692
5:00 PM	3791
6:00 PM	3284
7:00 PM	2270
8:00 PM	1774
9:00 PM	1189
10:00 PM	658
11:00 PM	344
Total	43405



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Barranca Parkway - Warner Avenue

File Name 118
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	291			27	320				
12:15	29	338			20	341				
12:30	26	348			18	317				
12:45	15	322	105	1298	13	341	77	1318	182	2616
1:00	18	382			15	312				
1:15	14	353			13	352				
1:30	14	336			10	353				
1:45	14	360	59	1431	11	375	48	1392	107	2822
2:00	5	325			9	341				
2:15	10	394			7	302				
2:30	10	361			8	365				
2:45	9	413	34	1493	9	366	32	1373	65	2865
3:00	5	405			9	334				
3:15	4	487			7	387				
3:30	11	445			10	316				
3:45	5	513	25	1849	8	410	34	1447	58	3296
4:00	7	487			14	353				
4:15	10	540			14	421				
4:30	13	516			24	358				
4:45	12	588	41	2130	39	372	91	1503	132	3632
5:00	14	514			40	346				
5:15	22	556			59	443				
5:30	27	528			57	387				
5:45	28	571	90	2169	108	452	263	1628	353	3796
6:00	42	496			94	353				
6:15	41	515			122	353				
6:30	65	370			130	353				
6:45	70	407	218	1787	178	314	522	1372	740	3159
7:00	97	355			226	304				
7:15	126	319			338	255				
7:30	138	302			446	242				
7:45	202	265	561	1240	560	217	1569	1016	2130	2256
8:00	207	271			562	209				
8:15	274	253			596	198				
8:30	249	233			548	177				
8:45	253	230	982	986	533	184	2238	767	3220	1753
9:00	224	186			446	156				
9:15	220	198			414	133				
9:30	208	130			402	117				
9:45	207	130	859	642	375	119	1636	525	2495	1167
10:00	225	107			383	110				
10:15	251	98			329	84				
10:30	256	85			369	66				
10:45	287	73	1017	362	380	49	1460	308	2477	669
11:00	269	74			333	48				
11:15	299	52			370	48				
11:30	306	42			307	31				
11:45	285	30	1157	197	326	35	1335	161	2492	358
Totals	5147	15581			9303	12806				
Combined Totals		20727				22109				
ADT										42836
AM Peak Hour	1045	AM			745	AM				
Volume	1159				2265					
P.H.F.	0.948				0.950					
PM Peak Hour		445	PM			515	PM			
Volume		2185				1634				
P.H.F.		0.930				0.904				
Percentage	24.8%	75.2%			42.1%	57.9%				

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City of Irvine
Culver Drive
B/ Bryan Avenue - Florence

File Name 127
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	242			22	248				
12:15	28	249			20	235				
12:30	18	252			13	275				
12:45	20	312	101	1055	13	307	68	1065	169	2120
1:00	20	286			11	272				
1:15	19	233			7	271				
1:30	16	250			6	262				
1:45	9	299	64	1068	6	236	30	1041	94	2109
2:00	10	297			6	242				
2:15	11	312			5	299				
2:30	9	383			8	280				
2:45	14	303	44	1295	3	320	22	1141	66	2436
3:00	13	313			8	321				
3:15	12	347			7	336				
3:30	9	303			13	265				
3:45	9	418	43	1381	10	315	38	1237	81	2618
4:00	10	371			14	268				
4:15	14	431			19	329				
4:30	15	382			43	257				
4:45	17	459	56	1643	30	304	106	1158	162	2801
5:00	27	425			55	238				
5:15	33	481			64	310				
5:30	42	418			73	272				
5:45	46	480	148	1804	93	320	285	1140	433	2944
6:00	73	422			104	221				
6:15	72	476			110	247				
6:30	88	357			171	212				
6:45	112	383	345	1638	233	248	618	928	963	2566
7:00	131	344			326	253				
7:15	159	308			440	205				
7:30	186	311			419	189				
7:45	281	259	757	1222	561	160	1746	807	2503	2029
8:00	271	269			561	191				
8:15	247	234			615	158				
8:30	203	221			503	125				
8:45	204	237	925	961	503	117	2182	591	3107	1552
9:00	176	164			386	111				
9:15	207	171			333	123				
9:30	199	163			333	95				
9:45	198	128	780	626	372	75	1424	404	2204	1030
10:00	173	130			313	70				
10:15	175	99			313	77				
10:30	161	94			316	51				
10:45	214	91	723	414	289	49	1231	247	1954	661
11:00	218	67			267	42				
11:15	208	67			257	40				
11:30	257	48			284	20				
11:45	271	27	954	209	272	26	1080	128	2034	337
Totals	4940	13316			8830	9887				
Combined Totals		18256				18717				
ADT										36973
AM Peak Hour	745	AM			745	AM				
Volume	1002				2240					
P.H.F.	0.891				0.911					
PM Peak Hour		500	PM			230	PM			
Volume		1804				1257				
P.H.F.		0.938				0.935				
Percentage	27.1%	72.9%			47.2%	52.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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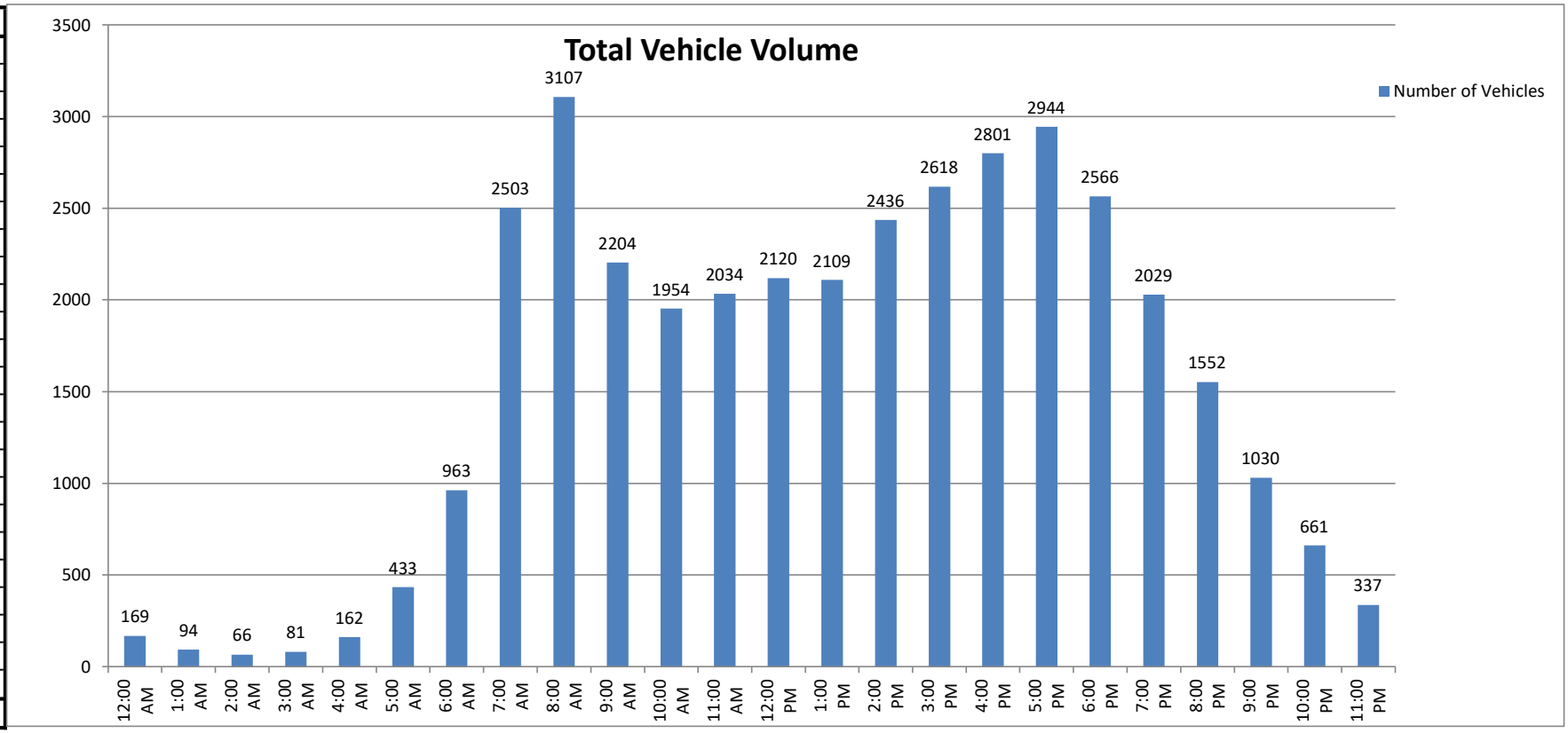
24 Hour Volume Plot

Culver Drive
B/ Bryan Avenue - Florence

12/5/2023

Start Time	12/5/2023
12:00 AM	169
1:00 AM	94
2:00 AM	66
3:00 AM	81
4:00 AM	162
5:00 AM	433
6:00 AM	963
7:00 AM	2503
8:00 AM	3107
9:00 AM	2204
10:00 AM	1954
11:00 AM	2034
12:00 PM	2120
1:00 PM	2109
2:00 PM	2436
3:00 PM	2618
4:00 PM	2801
5:00 PM	2944
6:00 PM	2566
7:00 PM	2029
8:00 PM	1552
9:00 PM	1030
10:00 PM	661
11:00 PM	337
Total	36973



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Bryan Avenue - Florence

File Name 127
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	253			20	253				
12:15	31	269			23	291				
12:30	23	230			21	254				
12:45	27	307	129	1059	8	286	72	1084	201	2143
1:00	21	303			13	274				
1:15	13	346			5	290				
1:30	12	299			8	332				
1:45	19	322	65	1270	5	306	31	1202	96	2472
2:00	13	284			9	313				
2:15	10	287			4	249				
2:30	13	358			6	360				
2:45	12	289	48	1218	5	323	24	1245	72	2463
3:00	7	273			13	280				
3:15	6	299			7	309				
3:30	10	302			15	270				
3:45	13	477	36	1351	8	307	43	1166	79	2517
4:00	14	395			14	269				
4:15	20	410			20	355				
4:30	18	360			23	259				
4:45	21	446	73	1611	30	317	87	1200	160	2811
5:00	25	383			50	253				
5:15	34	481			61	305				
5:30	40	407			80	282				
5:45	50	521	149	1792	93	274	284	1114	433	2906
6:00	58	414			118	227				
6:15	72	487			107	280				
6:30	81	359			196	227				
6:45	85	407	296	1667	210	274	631	1008	927	2675
7:00	111	314			310	238				
7:15	150	316			425	187				
7:30	176	335			417	174				
7:45	244	250	681	1215	519	162	1671	761	2352	1976
8:00	238	274			541	174				
8:15	217	237			579	140				
8:30	250	249			475	168				
8:45	247	249	952	1009	458	158	2053	640	3005	1649
9:00	234	218			363	124				
9:15	201	172			403	116				
9:30	175	159			367	91				
9:45	207	153	817	702	317	87	1450	418	2267	1120
10:00	148	129			295	87				
10:15	173	123			290	87				
10:30	208	107			293	54				
10:45	177	79	706	438	292	57	1170	285	1876	723
11:00	234	76			267	40				
11:15	240	72			248	28				
11:30	252	51			276	32				
11:45	255	37	981	236	269	17	1060	117	2041	353
Totals	4933	13568			8576	10240				
Combined Totals		18501				18816				
ADT										37317
AM Peak Hour	1100	AM			745	AM				
Volume	981				2114					
P.H.F.	0.962				0.913					
PM Peak Hour		530	PM			230	PM			
Volume		1829				1272				
P.H.F.		0.878				0.883				
Percentage	26.7%	73.3%			45.6%	54.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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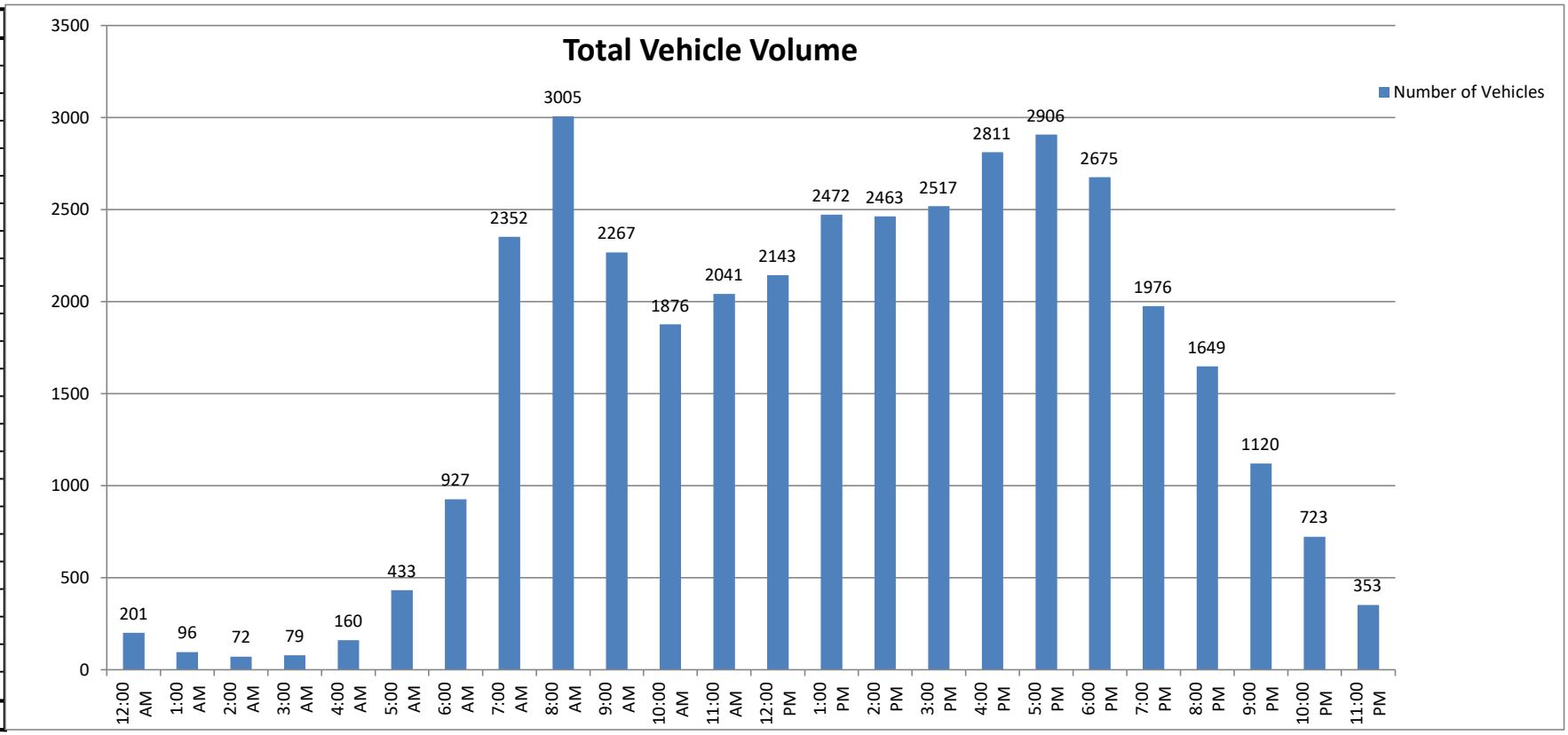
24 Hour Volume Plot

Culver Drive

B/ Bryan Avenue - Florence

12/6/2023

Start Time	12/6/2023
12:00 AM	201
1:00 AM	96
2:00 AM	72
3:00 AM	79
4:00 AM	160
5:00 AM	433
6:00 AM	927
7:00 AM	2352
8:00 AM	3005
9:00 AM	2267
10:00 AM	1876
11:00 AM	2041
12:00 PM	2143
1:00 PM	2472
2:00 PM	2463
3:00 PM	2517
4:00 PM	2811
5:00 PM	2906
6:00 PM	2675
7:00 PM	1976
8:00 PM	1649
9:00 PM	1120
10:00 PM	723
11:00 PM	353
Total	37317



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Culver Drive
B/ Bryan Avenue - Florence

File Name 127
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	248			21	251				
12:15	30	259			22	263				
12:30	21	241			17	265				
12:45	24	310	115	1057	11	297	70	1075	185	2132
1:00	21	295			12	273				
1:15	16	290			6	281				
1:30	14	275			7	297				
1:45	14	311	65	1169	6	271	31	1122	95	2291
2:00	12	291			8	278				
2:15	11	300			5	274				
2:30	11	371			7	320				
2:45	13	296	46	1257	4	322	23	1193	69	2450
3:00	10	293			11	301				
3:15	9	323			7	323				
3:30	10	303			14	268				
3:45	11	448	40	1366	9	311	41	1202	80	2568
4:00	12	383			14	269				
4:15	17	421			20	342				
4:30	17	371			33	258				
4:45	19	453	65	1627	30	311	97	1179	161	2806
5:00	26	404			53	246				
5:15	34	481			63	308				
5:30	41	413			77	277				
5:45	48	501	149	1798	93	297	285	1127	433	2925
6:00	66	418			111	224				
6:15	72	482			109	264				
6:30	85	358			184	220				
6:45	99	395	321	1653	222	261	625	968	945	2621
7:00	121	329			318	246				
7:15	155	312			433	196				
7:30	181	323			418	182				
7:45	263	255	719	1219	540	161	1709	784	2428	2003
8:00	255	272			551	183				
8:15	232	236			597	149				
8:30	227	235			489	147				
8:45	226	243	939	985	481	138	2118	616	3056	1601
9:00	205	191			375	118				
9:15	204	172			368	120				
9:30	187	161			350	93				
9:45	203	141	799	664	345	81	1437	411	2236	1075
10:00	161	130			304	79				
10:15	174	111			302	82				
10:30	185	101			305	53				
10:45	196	85	715	426	291	53	1201	266	1915	692
11:00	226	72			267	41				
11:15	224	70			253	34				
11:30	255	50			280	26				
11:45	263	32	968	223	271	22	1070	123	2038	345
Totals	4937	13442			8703	10064				
Combined Totals		18379				18767				
ADT										37145
AM Peak Hour	745	AM			745	AM				
Volume	976				2177					
P.H.F.	0.929				0.912					
PM Peak Hour		530	PM			230	PM			
Volume		1813				1265				
P.H.F.		0.905				0.980				
Percentage	26.9%	73.1%			46.4%	53.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Culver Drive
B/ Deerfield Avenue - Walnut Avenue

File Name 121
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	308			26	283				
12:15	23	339			22	301				
12:30	14	339			17	295				
12:45	19	365	86	1351	16	262	81	1141	167	2492
1:00	18	316			14	280				
1:15	11	336			9	292				
1:30	12	354			17	263				
1:45	7	384	48	1390	15	304	55	1139	103	2529
2:00	7	397			10	261				
2:15	8	351			1	328				
2:30	9	374			8	386				
2:45	8	364	32	1486	7	335	26	1310	58	2796
3:00	10	504			5	340				
3:15	4	461			5	308				
3:30	7	509			2	351				
3:45	1	479	22	1953	5	360	17	1359	39	3312
4:00	4	487			14	382				
4:15	10	454			8	355				
4:30	17	498			19	323				
4:45	23	490	54	1929	20	320	61	1380	115	3309
5:00	22	556			30	350				
5:15	24	508			31	329				
5:30	39	560			57	352				
5:45	30	467	115	2091	67	336	185	1367	300	3458
6:00	64	518			69	308				
6:15	70	436			84	285				
6:30	84	398			103	310				
6:45	105	371	323	1723	162	250	418	1153	741	2876
7:00	182	376			196	263				
7:15	164	331			279	268				
7:30	212	309			390	203				
7:45	239	269	797	1285	486	210	1351	944	2148	2229
8:00	356	261			471	202				
8:15	340	204			522	169				
8:30	274	228			477	163				
8:45	226	221	1196	914	415	158	1885	692	3081	1606
9:00	274	166			363	131				
9:15	226	147			318	135				
9:30	246	139			281	97				
9:45	257	111	1003	563	356	122	1318	485	2321	1048
10:00	227	105			300	118				
10:15	275	91			301	93				
10:30	272	86			295	61				
10:45	281	53	1055	335	315	53	1211	325	2266	660
11:00	267	73			259	41				
11:15	306	60			282	45				
11:30	306	38			286	30				
11:45	321	27	1200	198	291	31	1118	147	2318	345
Totals	5931	15218			7726	11442				
Combined Totals		21149				19168				
ADT										40317
AM Peak Hour	745	AM			745	AM				
Volume	1209				1956					
P.H.F.	0.849				0.937					
PM Peak Hour		445	PM			330	PM			
Volume		2114				1448				
P.H.F.		0.944				0.948				
Percentage	28.0%	72.0%			40.3%	59.7%				

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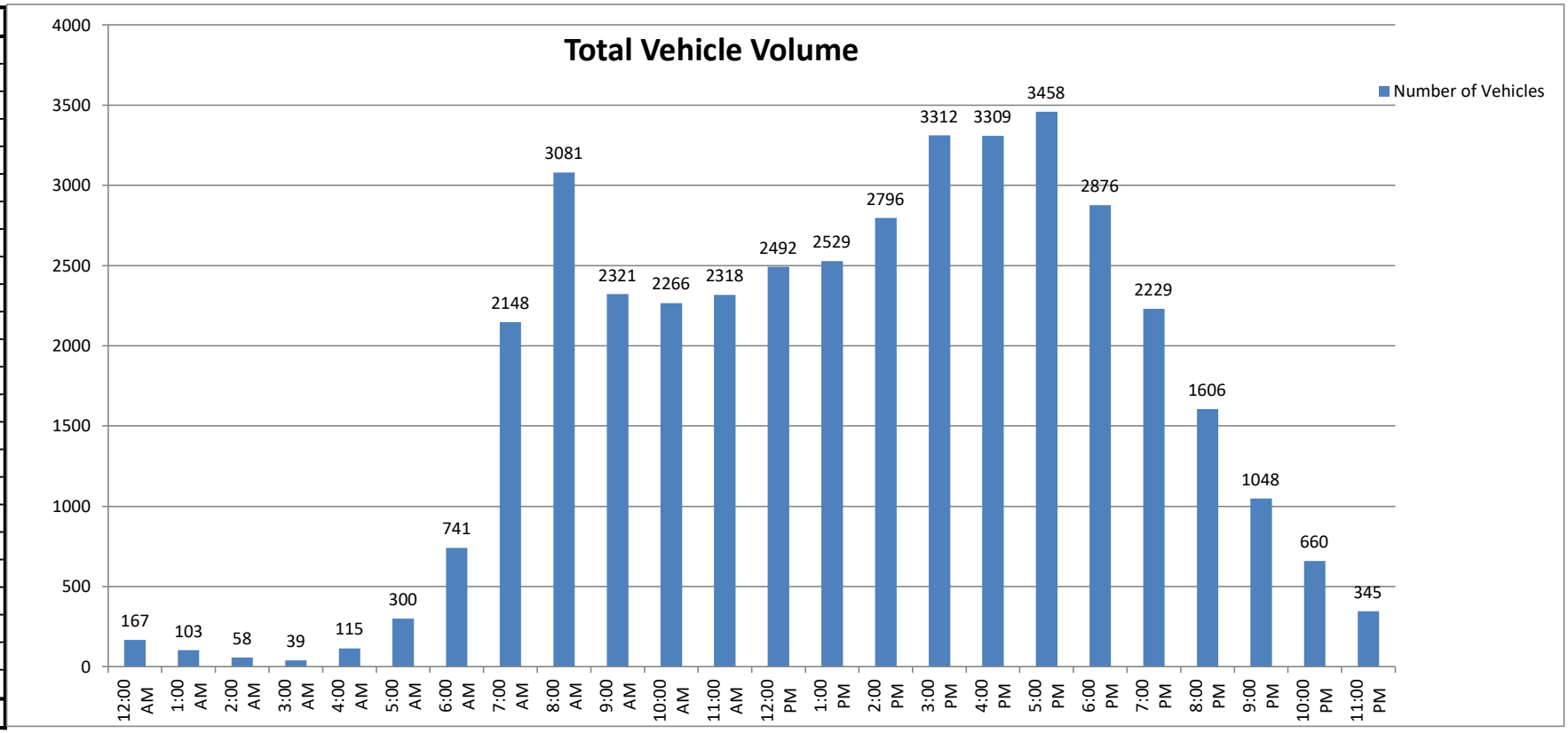
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Deerfield Avenue - Walnut Avenue
12/5/2023

Start Time	12/5/2023
12:00 AM	167
1:00 AM	103
2:00 AM	58
3:00 AM	39
4:00 AM	115
5:00 AM	300
6:00 AM	741
7:00 AM	2148
8:00 AM	3081
9:00 AM	2321
10:00 AM	2266
11:00 AM	2318
12:00 PM	2492
1:00 PM	2529
2:00 PM	2796
3:00 PM	3312
4:00 PM	3309
5:00 PM	3458
6:00 PM	2876
7:00 PM	2229
8:00 PM	1606
9:00 PM	1048
10:00 PM	660
11:00 PM	345
Total	40317



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Culver Drive
B/ Deerfield Avenue - Walnut Avenue

File Name 121
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	37	303			27	297				
12:15	15	402			30	274				
12:30	28	350			18	290				
12:45	19	309	99	1364	17	311	92	1172	191	2536
1:00	15	385			19	293				
1:15	7	375			18	297				
1:30	11	368			9	331				
1:45	9	358	42	1486	13	325	59	1246	101	2732
2:00	6	362			9	284				
2:15	9	347			10	348				
2:30	15	369			5	350				
2:45	7	357	37	1435	10	365	34	1347	71	2782
3:00	5	405			10	325				
3:15	10	401			4	304				
3:30	12	503			4	310				
3:45	13	453	40	1762	9	345	27	1284	67	3046
4:00	10	481			14	359				
4:15	11	427			16	325				
4:30	15	571			22	361				
4:45	18	522	54	2001	26	320	78	1365	132	3366
5:00	20	568			34	347				
5:15	24	529			34	338				
5:30	40	574			34	361				
5:45	50	464	134	2135	77	340	179	1386	313	3521
6:00	63	500			76	349				
6:15	74	437			74	307				
6:30	98	400			97	355				
6:45	95	372	330	1709	160	270	407	1281	737	2990
7:00	159	383			184	302				
7:15	141	302			272	256				
7:30	196	306			360	196				
7:45	225	256	721	1247	427	218	1243	972	1964	2219
8:00	298	242			475	210				
8:15	324	254			461	205				
8:30	283	229			500	182				
8:45	238	244	1143	969	446	182	1882	779	3025	1748
9:00	255	192			378	153				
9:15	199	162			340	144				
9:30	236	165			302	110				
9:45	261	153	951	672	324	103	1344	510	2295	1182
10:00	237	105			300	93				
10:15	277	91			329	111				
10:30	247	70			318	61				
10:45	289	60	1050	326	314	62	1261	327	2311	653
11:00	333	73			310	51				
11:15	315	32			296	39				
11:30	314	35			305	28				
11:45	325	36	1287	176	264	37	1175	155	2462	331
Totals	5888	15282			7781	11824				
Combined Totals		21170				19605				
ADT										40775
AM Peak Hour	1100	AM			800	AM				
Volume	1287				1882					
P.H.F.	0.966				0.941					
PM Peak Hour		445	PM			345	PM			
Volume		2193				1390				
P.H.F.		0.955				0.963				
Percentage	27.8%	72.2%			39.7%	60.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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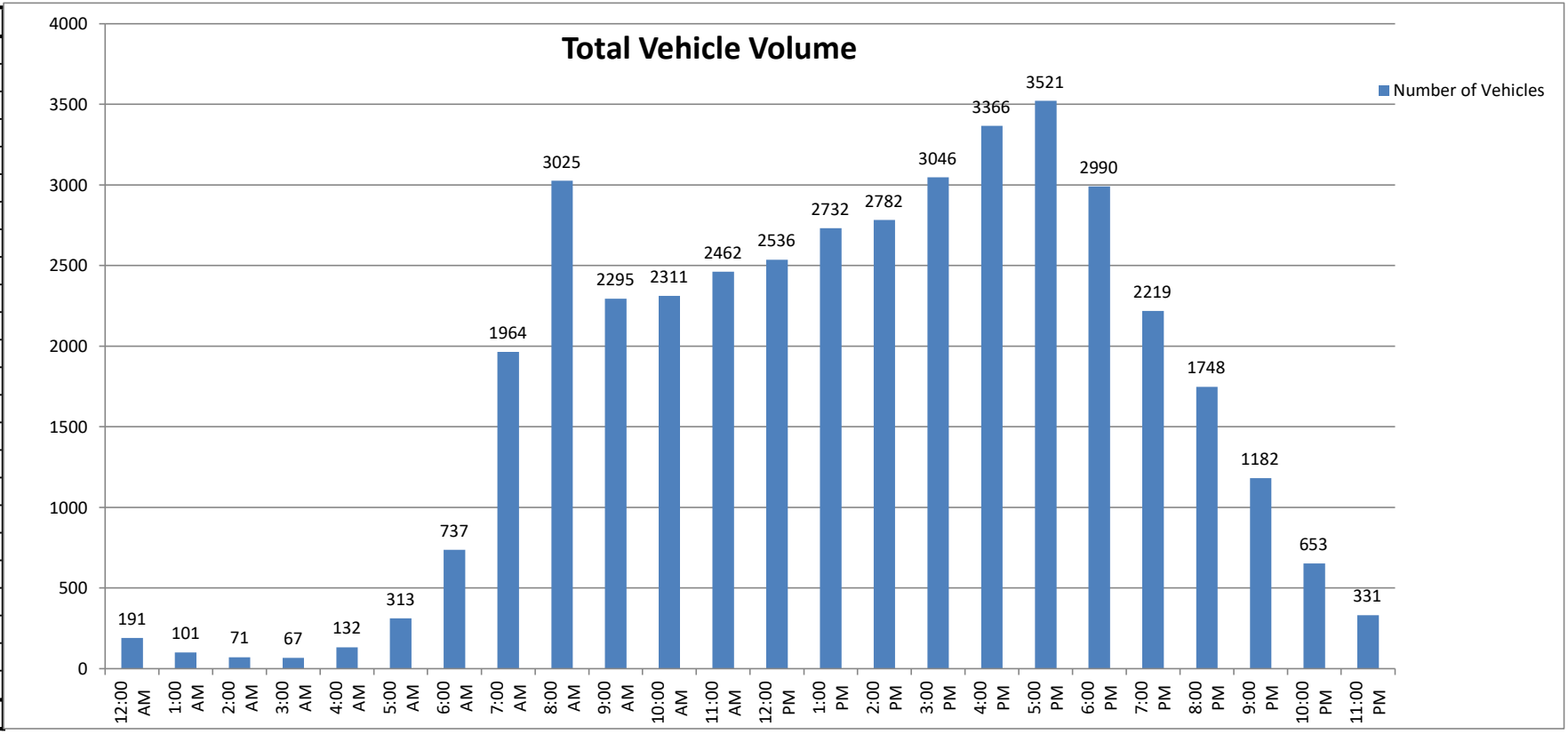
24 Hour Volume Plot

Culver Drive
B/ Deerfield Avenue - Walnut Avenue
12/6/2023

Start Time	12/6/2023
12:00 AM	191
1:00 AM	101
2:00 AM	71
3:00 AM	67
4:00 AM	132
5:00 AM	313
6:00 AM	737
7:00 AM	1964
8:00 AM	3025
9:00 AM	2295
10:00 AM	2311
11:00 AM	2462
12:00 PM	2536
1:00 PM	2732
2:00 PM	2782
3:00 PM	3046
4:00 PM	3366
5:00 PM	3521
6:00 PM	2990
7:00 PM	2219
8:00 PM	1748
9:00 PM	1182
10:00 PM	653
11:00 PM	331
Total	40775



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Deerfield Avenue - Walnut Avenue

File Name 121
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	34	306			27	290				
12:15	19	371			26	288				
12:30	21	345			18	293				
12:45	19	337	93	1358	17	287	87	1157	179	2514
1:00	17	351			17	287				
1:15	9	356			14	295				
1:30	12	361			13	297				
1:45	8	371	45	1438	14	315	57	1193	102	2631
2:00	7	380			10	273				
2:15	9	349			6	338				
2:30	12	372			7	368				
2:45	8	361	35	1461	9	350	30	1329	65	2789
3:00	8	455			8	333				
3:15	7	431			5	306				
3:30	10	506			3	331				
3:45	7	466	31	1858	7	353	22	1322	53	3179
4:00	7	484			14	371				
4:15	11	441			12	340				
4:30	16	535			21	342				
4:45	21	506	54	1965	23	320	70	1373	124	3338
5:00	21	562			32	349				
5:15	24	519			33	334				
5:30	40	567			46	357				
5:45	40	466	125	2113	72	338	182	1377	307	3490
6:00	64	509			73	329				
6:15	72	437			79	296				
6:30	91	399			100	333				
6:45	100	372	327	1716	161	260	413	1217	739	2933
7:00	171	380			190	283				
7:15	153	317			276	262				
7:30	204	308			375	200				
7:45	232	263	759	1266	457	214	1297	958	2056	2224
8:00	327	252			473	206				
8:15	332	229			492	187				
8:30	279	229			489	173				
8:45	232	233	1170	942	431	170	1884	736	3053	1677
9:00	265	179			371	142				
9:15	213	155			329	140				
9:30	241	152			292	104				
9:45	259	132	977	618	340	113	1331	498	2308	1115
10:00	232	105			300	106				
10:15	276	91			315	102				
10:30	260	78			307	61				
10:45	285	57	1053	331	315	58	1236	326	2289	657
11:00	300	73			285	46				
11:15	311	46			289	42				
11:30	310	37			296	29				
11:45	323	32	1244	187	278	34	1147	151	2390	338
Totals	5910	15250			7754	11633				
Combined Totals		21160				19387				
ADT										40546
AM Peak Hour	1100	AM			745	AM				
Volume	1244				1910					
P.H.F.	0.962				0.971					
PM Peak Hour		445	PM			345	PM			
Volume		2154				1405				
P.H.F.		0.950				0.948				
Percentage	27.9%	72.1%			40.0%	60.0%				

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City of Irvine
Culver Drive
B/ Farwell Avenue - Bryan Avenue

File Name 126
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	39	344			29	294				
12:15	33	306			22	308				
12:30	24	327			18	310				
12:45	33	377	129	1354	17	331	86	1243	215	2597
1:00	27	332			13	344				
1:15	24	339			10	333				
1:30	20	316			12	331				
1:45	9	348	80	1335	5	289	40	1297	120	2632
2:00	11	395			8	316				
2:15	12	419			4	349				
2:30	12	398			13	365				
2:45	14	353	49	1565	4	370	29	1400	78	2965
3:00	16	387			8	373				
3:15	14	433			8	387				
3:30	13	402			16	348				
3:45	10	503	53	1725	13	384	45	1492	98	3217
4:00	10	495			15	362				
4:15	21	519			20	367				
4:30	19	514			40	349				
4:45	22	555	72	2083	46	366	121	1444	193	3527
5:00	29	567			65	355				
5:15	42	615			71	366				
5:30	50	559			76	337				
5:45	74	581	195	2322	109	344	321	1402	516	3724
6:00	89	563			135	270				
6:15	101	556			134	294				
6:30	120	477			215	255				
6:45	149	452	459	2048	274	314	758	1133	1217	3181
7:00	140	445			319	294				
7:15	188	432			426	278				
7:30	255	414			482	229				
7:45	258	378	841	1669	628	205	1855	1006	2696	2675
8:00	295	446			548	198				
8:15	253	332			639	197				
8:30	254	344			578	163				
8:45	236	365	1038	1487	563	161	2328	719	3366	2206
9:00	247	274			430	156				
9:15	268	250			409	148				
9:30	228	268			380	128				
9:45	262	191	1005	983	391	101	1610	533	2615	1516
10:00	235	184			386	92				
10:15	221	159			365	83				
10:30	237	148			380	71				
10:45	272	126	965	617	321	52	1452	298	2417	915
11:00	269	106			336	53				
11:15	311	83			315	52				
11:30	296	71			324	30				
11:45	331	45	1207	305	341	29	1316	164	2523	469
Totals	6093	17493			9961	12131				
Combined Totals		23586				22092				
ADT										45678
AM Peak Hour	1100	AM			745	AM				
Volume	1207				2393					
P.H.F.	0.912				0.936					
PM Peak Hour		500	PM			230	PM			
Volume		2322				1495				
P.H.F.		0.944				0.966				
Percentage	25.8%	74.2%			45.1%	54.9%				

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Counts Unlimited, Inc.
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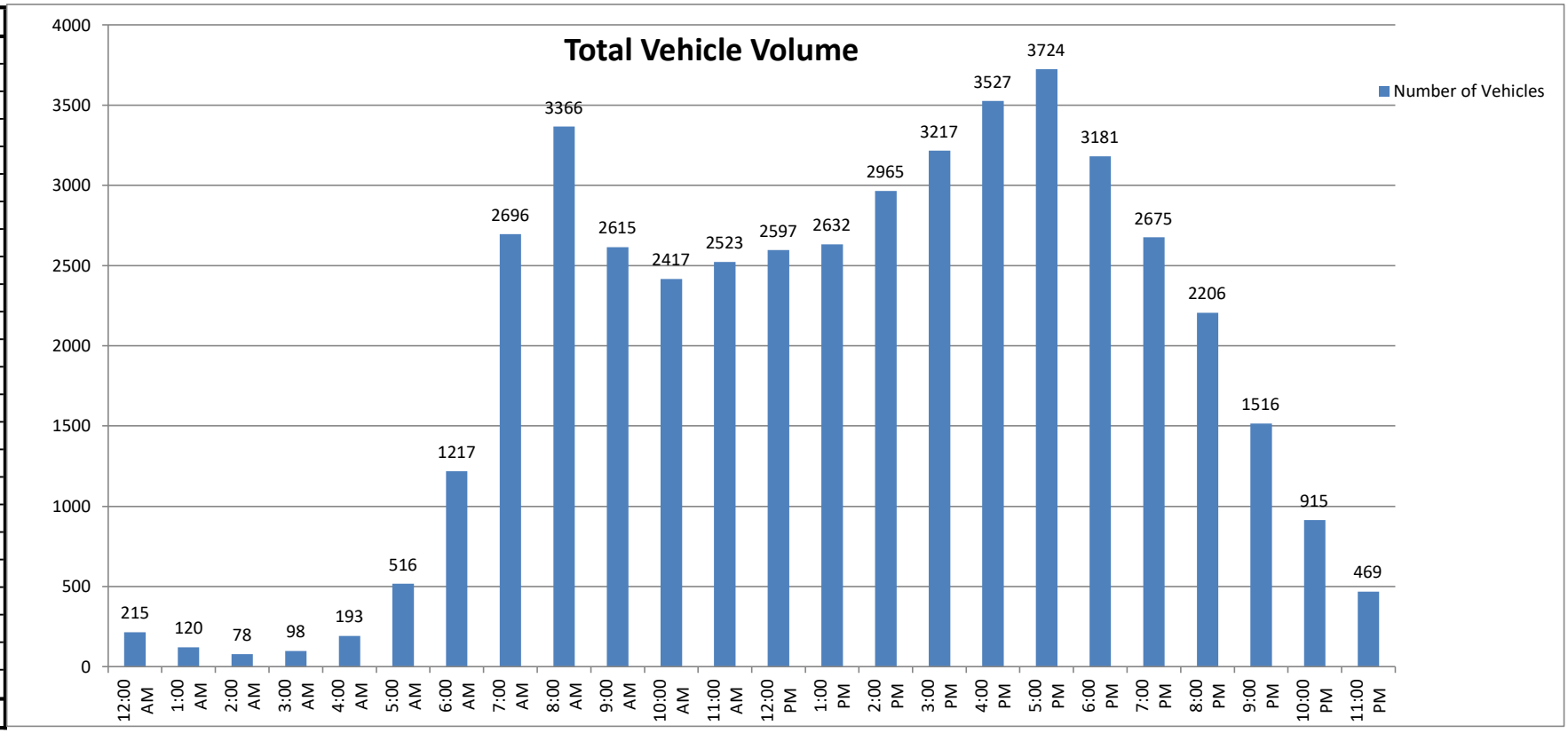
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Farwell Avenue - Bryan Avenue
12/5/2023

Start Time	12/5/2023
12:00 AM	215
1:00 AM	120
2:00 AM	78
3:00 AM	98
4:00 AM	193
5:00 AM	516
6:00 AM	1217
7:00 AM	2696
8:00 AM	3366
9:00 AM	2615
10:00 AM	2417
11:00 AM	2523
12:00 PM	2597
1:00 PM	2632
2:00 PM	2965
3:00 PM	3217
4:00 PM	3527
5:00 PM	3724
6:00 PM	3181
7:00 PM	2675
8:00 PM	2206
9:00 PM	1516
10:00 PM	915
11:00 PM	469
Total	45678



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Farwell Avenue - Bryan Avenue

File Name 126
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	57	344			34	340				
12:15	36	352			23	340				
12:30	36	304			27	318				
12:45	38	364	167	1364	17	327	101	1325	268	2689
1:00	35	358			14	303				
1:15	16	398			12	328				
1:30	16	309			10	344				
1:45	21	422	88	1487	5	343	41	1318	129	2805
2:00	16	328			10	349				
2:15	14	390			8	289				
2:30	16	382			6	381				
2:45	10	358	56	1458	8	430	32	1449	88	2907
3:00	9	355			17	355				
3:15	7	394			8	340				
3:30	16	412			17	339				
3:45	16	516	48	1677	12	385	54	1419	102	3096
4:00	14	503			14	333				
4:15	26	493			23	384				
4:30	28	500			26	344				
4:45	30	528	98	2024	39	356	102	1417	200	3441
5:00	31	492			59	335				
5:15	42	627			66	358				
5:30	53	554			91	343				
5:45	68	633	194	2306	114	325	330	1361	524	3667
6:00	80	645			141	290				
6:15	103	765			128	326				
6:30	94	592			235	264				
6:45	129	561	406	2563	256	314	760	1194	1166	3757
7:00	146	492			306	299				
7:15	183	532			408	245				
7:30	207	441			491	207				
7:45	324	418	860	1883	565	218	1770	969	2630	2852
8:00	284	368			518	231				
8:15	218	308			598	172				
8:30	296	305			544	184				
8:45	296	292	1094	1273	479	190	2139	777	3233	2050
9:00	285	314			475	170				
9:15	267	245			421	156				
9:30	258	273			368	120				
9:45	255	211	1065	1043	377	124	1641	570	2706	1613
10:00	213	202			354	95				
10:15	232	170			323	115				
10:30	279	160			350	62				
10:45	245	132	969	664	333	70	1360	342	2329	1006
11:00	297	101			332	45				
11:15	311	83			315	34				
11:30	341	51			318	40				
11:45	360	51	1309	286	320	22	1285	141	2594	427
Totals	6354	18028			9615	12282				
Combined Totals		24382				21897				
ADT										46279
AM Peak Hour	1100	AM			745	AM				
Volume	1309				2225					
P.H.F.	0.909				0.930					
PM Peak Hour		545	PM			230	PM			
Volume		2635				1506				
P.H.F.		0.861				0.876				
Percentage	26.1%	73.9%			43.9%	56.1%				

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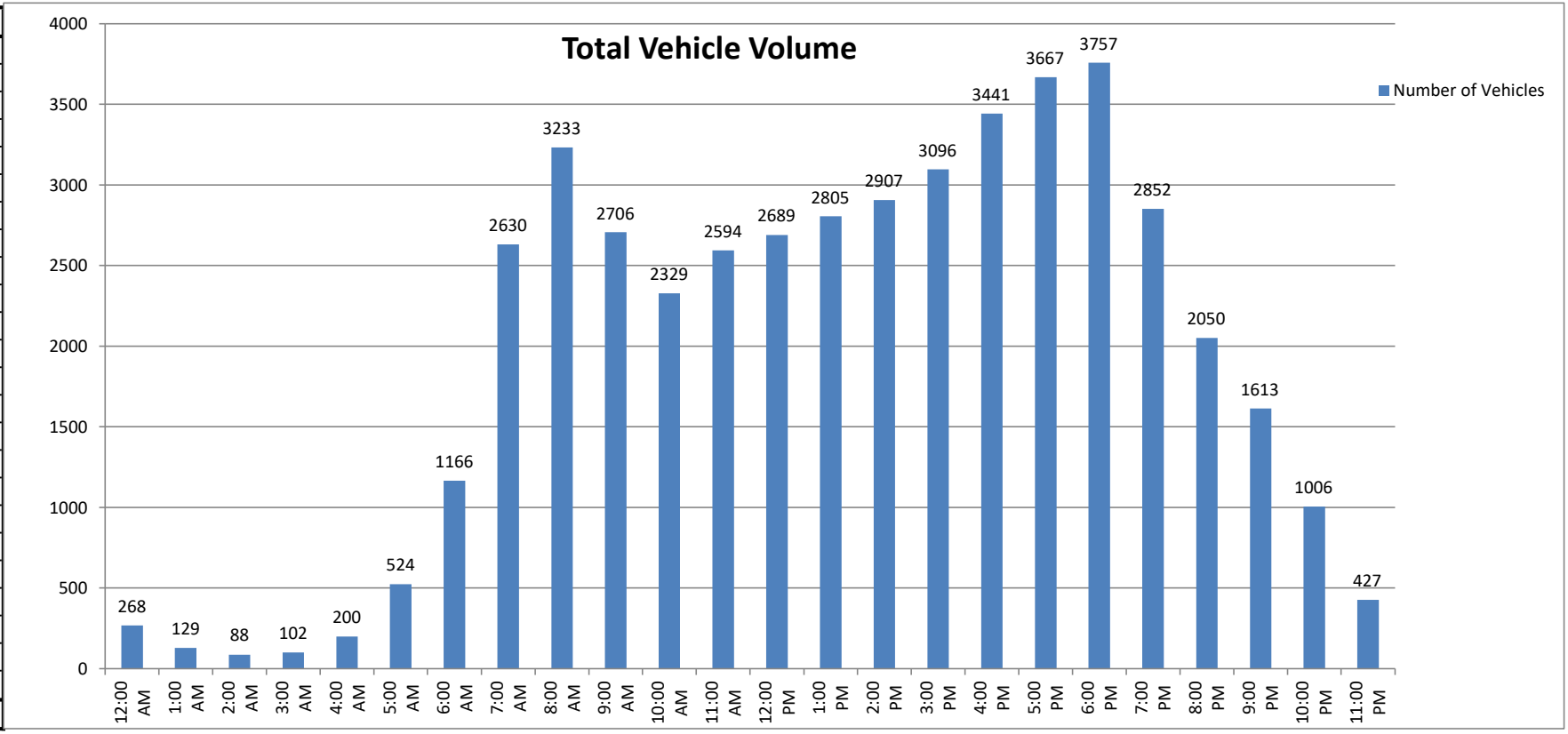
24 Hour Volume Plot

Culver Drive

B/ Farwell Avenue - Bryan Avenue

12/6/2023

Start Time	12/6/2023
12:00 AM	268
1:00 AM	129
2:00 AM	88
3:00 AM	102
4:00 AM	200
5:00 AM	524
6:00 AM	1166
7:00 AM	2630
8:00 AM	3233
9:00 AM	2706
10:00 AM	2329
11:00 AM	2594
12:00 PM	2689
1:00 PM	2805
2:00 PM	2907
3:00 PM	3096
4:00 PM	3441
5:00 PM	3667
6:00 PM	3757
7:00 PM	2852
8:00 PM	2050
9:00 PM	1613
10:00 PM	1006
11:00 PM	427
Total	46279



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City of Irvine
Culver Drive
B/ Farwell Avenue - Bryan Avenue

File Name 126
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	344			32	317				
12:15	35	329			23	324				
12:30	30	316			23	314				
12:45	36	371	148	1359	17	329	94	1284	242	2643
1:00	31	345			14	324				
1:15	20	369			11	331				
1:30	18	313			11	338				
1:45	15	385	84	1411	5	316	41	1308	125	2719
2:00	14	362			9	333				
2:15	13	405			6	319				
2:30	14	390			10	373				
2:45	12	356	53	1512	6	400	31	1425	83	2936
3:00	13	371			13	364				
3:15	11	414			8	364				
3:30	15	407			17	344				
3:45	13	510	51	1701	13	385	50	1456	100	3157
4:00	12	499			15	348				
4:15	24	506			22	376				
4:30	24	507			33	347				
4:45	26	542	85	2054	43	361	112	1431	197	3484
5:00	30	530			62	345				
5:15	42	621			69	362				
5:30	52	557			84	340				
5:45	71	607	195	2314	112	335	326	1382	520	3696
6:00	85	604			138	280				
6:15	102	661			131	310				
6:30	107	535			225	260				
6:45	139	507	433	2306	265	314	759	1164	1192	3469
7:00	143	469			313	297				
7:15	186	482			417	262				
7:30	231	428			487	218				
7:45	291	398	851	1776	597	212	1813	988	2663	2764
8:00	290	407			533	215				
8:15	236	320			619	185				
8:30	275	325			561	174				
8:45	266	329	1066	1380	521	176	2234	748	3300	2128
9:00	266	294			453	163				
9:15	268	248			415	152				
9:30	243	271			374	124				
9:45	259	201	1035	1013	384	113	1626	552	2661	1565
10:00	224	193			370	94				
10:15	227	165			344	99				
10:30	258	154			365	67				
10:45	259	129	967	641	327	61	1406	320	2373	961
11:00	283	104			334	49				
11:15	311	83			315	43				
11:30	319	61			321	35				
11:45	346	48	1258	296	331	26	1301	153	2559	448
Totals	6224	17761			9788	12207				
Combined Totals		23984				21995				
ADT										45979
AM Peak Hour	1100	AM			745	AM				
Volume	1258				2309					
P.H.F.	0.910				0.933					
PM Peak Hour		530	PM			230	PM			
Volume		2428				1501				
P.H.F.		0.919				0.938				
Percentage	25.9%	74.1%			44.5%	55.5%				

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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Florence - Irvine Boulevard

File Name 128
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	296			21	250				
12:15	31	378			19	256				
12:30	25	301			20	231				
12:45	27	400	131	1375	8	271	68	1008	199	2383
1:00	22	430			13	260				
1:15	14	421			5	280				
1:30	12	417			7	285				
1:45	18	407	66	1675	3	298	28	1123	94	2798
2:00	11	379			8	272				
2:15	11	363			6	221				
2:30	15	514			5	341				
2:45	13	409	50	1665	5	311	24	1145	74	2810
3:00	7	330			13	268				
3:15	5	425			6	293				
3:30	13	411			14	249				
3:45	14	619	39	1785	8	303	41	1113	80	2898
4:00	18	509			14	246				
4:15	22	507			19	345				
4:30	21	527			23	254				
4:45	23	563	84	2106	29	296	85	1141	169	3247
5:00	28	530			43	239				
5:15	45	604			55	298				
5:30	48	587			71	280				
5:45	55	627	176	2348	89	267	258	1084	434	3432
6:00	73	558			112	219				
6:15	81	626			94	274				
6:30	92	475			188	210				
6:45	103	521	349	2180	195	265	589	968	938	3148
7:00	121	400			297	227				
7:15	214	395			354	183				
7:30	258	416			417	164				
7:45	369	289	962	1500	485	162	1553	736	2515	2236
8:00	312	323			553	172				
8:15	293	281			538	130				
8:30	295	273			477	171				
8:45	332	300	1232	1177	421	146	1989	619	3221	1796
9:00	303	278			371	136				
9:15	272	208			359	103				
9:30	244	186			324	87				
9:45	268	176	1087	848	273	88	1327	414	2414	1262
10:00	185	142			269	89				
10:15	236	146			282	87				
10:30	263	116			249	49				
10:45	238	90	922	494	261	59	1061	284	1983	778
11:00	286	91			238	35				
11:15	315	69			231	24				
11:30	326	46			269	31				
11:45	329	38	1256	244	247	17	985	107	2241	351
Totals	6354	17397			8008	9742				
Combined Totals		23751				17750				
ADT										41501
AM Peak Hour	745	AM			745	AM				
Volume	1269				2053					
P.H.F.	0.860				0.928					
PM Peak Hour		530	PM			230	PM			
Volume		2398				1213				
P.H.F.		0.956				0.889				
Percentage	26.8%	73.2%			45.1%	54.9%				

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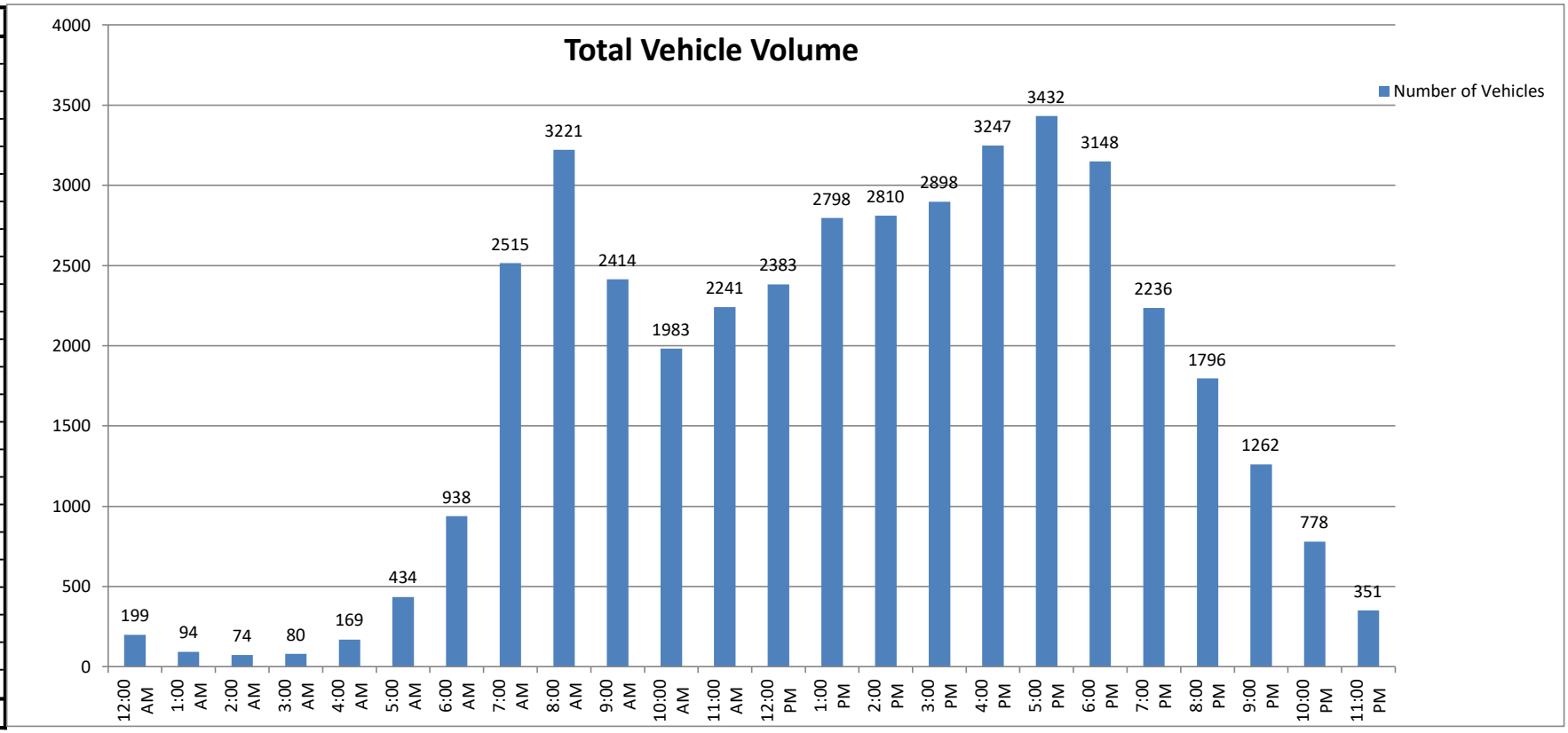
24 Hour Volume Plot

Culver Drive

B/ Florence - Irvine Boulevard

12/6/2023

Start Time	12/6/2023
12:00 AM	199
1:00 AM	94
2:00 AM	74
3:00 AM	80
4:00 AM	169
5:00 AM	434
6:00 AM	938
7:00 AM	2515
8:00 AM	3221
9:00 AM	2414
10:00 AM	1983
11:00 AM	2241
12:00 PM	2383
1:00 PM	2798
2:00 PM	2810
3:00 PM	2898
4:00 PM	3247
5:00 PM	3432
6:00 PM	3148
7:00 PM	2236
8:00 PM	1796
9:00 PM	1262
10:00 PM	778
11:00 PM	351
Total	41501



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Florence - Irvine Boulevard

File Name 128
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/7/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	31	317			25	225				
12:15	39	358			20	203				
12:30	32	295			12	284				
12:45	26	355	128	1325	15	201	72	913	200	2238
1:00	24	427			12	225				
1:15	17	385			8	225				
1:30	12	336			9	243				
1:45	12	397	65	1545	2	231	31	924	96	2469
2:00	11	392			1	263				
2:15	14	427			6	273				
2:30	6	470			6	312				
2:45	12	519	43	1808	7	319	20	1167	63	2975
3:00	8	332			6	384				
3:15	13	420			8	311				
3:30	6	490			6	270				
3:45	19	537	46	1779	11	290	31	1255	77	3034
4:00	13	536			19	280				
4:15	18	576			20	325				
4:30	10	469			32	262				
4:45	30	545	71	2126	27	293	98	1160	169	3286
5:00	23	500			33	234				
5:15	42	591			54	278				
5:30	47	587			64	279				
5:45	62	537	174	2215	73	287	224	1078	398	3293
6:00	85	564			93	272				
6:15	86	589			117	268				
6:30	93	470			154	221				
6:45	142	541	406	2164	182	226	546	987	952	3151
7:00	159	428			300	189				
7:15	222	365			370	209				
7:30	260	323			439	193				
7:45	379	289	1020	1405	509	165	1618	756	2638	2161
8:00	354	275			520	194				
8:15	372	334			509	175				
8:30	343	266			536	149				
8:45	262	272	1331	1147	355	110	1920	628	3251	1775
9:00	263	256			308	111				
9:15	297	247			324	108				
9:30	278	186			284	103				
9:45	218	190	1056	879	336	97	1252	419	2308	1298
10:00	244	176			288	83				
10:15	234	143			280	69				
10:30	228	112			259	50				
10:45	272	92	978	523	252	44	1079	246	2057	769
11:00	302	86			250	33				
11:15	276	60			236	42				
11:30	288	43			279	31				
11:45	300	39	1166	228	227	28	992	134	2158	362
Totals	6484	17144			7883	9667				
Combined Totals		23628				17550				
ADT										41178
AM Peak Hour	745	AM			745	AM				
Volume	1448				2074					
P.H.F.	0.955				0.967					
PM Peak Hour		515	PM			230	PM			
Volume		2279				1326				
P.H.F.		0.964				0.863				
Percentage	27.4%	72.6%			44.9%	55.1%				

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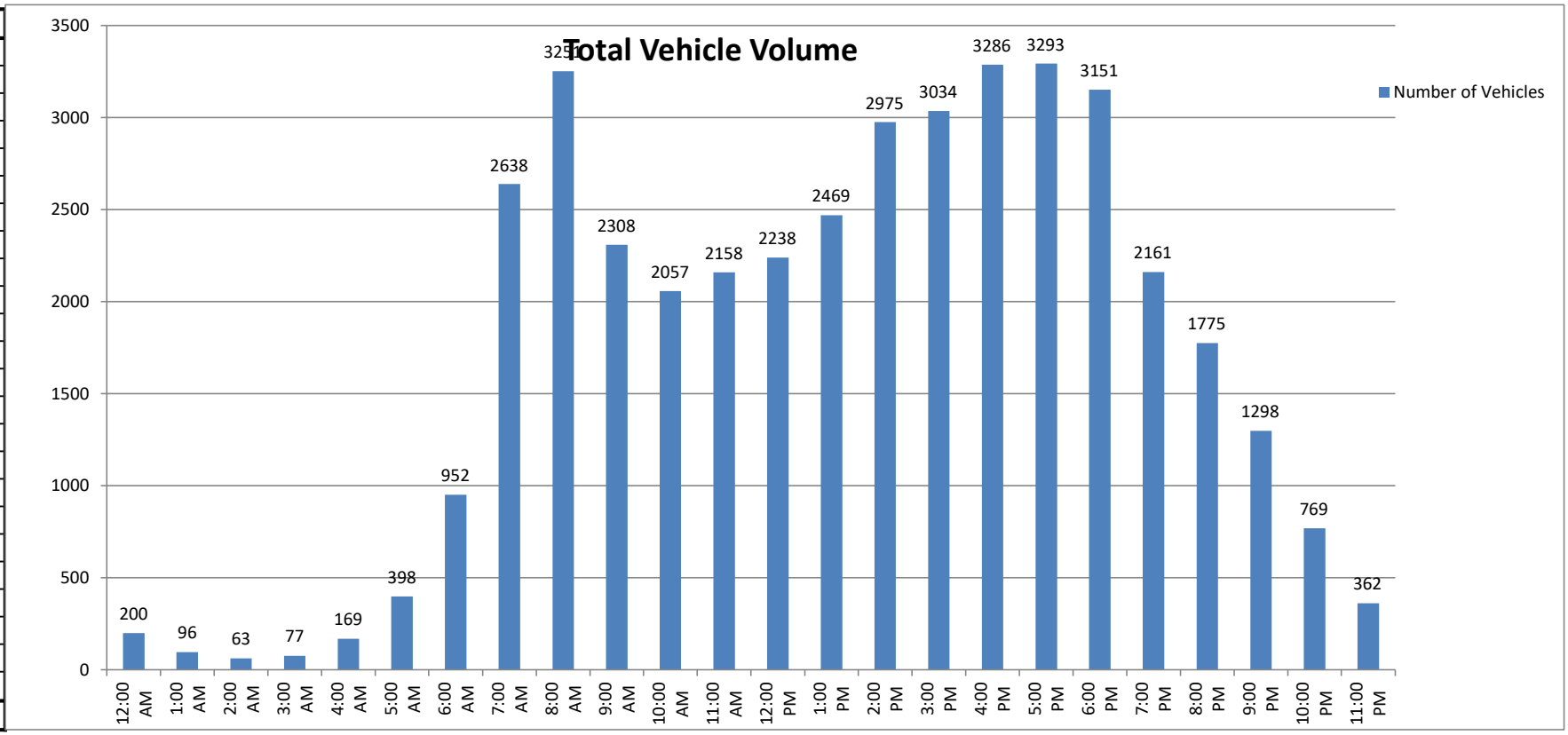
24 Hour Volume Plot

Culver Drive

B/ Florence - Irvine Boulevard

12/7/2023

Start Time	12/7/2023
12:00 AM	200
1:00 AM	96
2:00 AM	63
3:00 AM	77
4:00 AM	169
5:00 AM	398
6:00 AM	952
7:00 AM	2638
8:00 AM	3251
9:00 AM	2308
10:00 AM	2057
11:00 AM	2158
12:00 PM	2238
1:00 PM	2469
2:00 PM	2975
3:00 PM	3034
4:00 PM	3286
5:00 PM	3293
6:00 PM	3151
7:00 PM	2161
8:00 PM	1775
9:00 PM	1298
10:00 PM	769
11:00 PM	362
Total	41178



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Florence - Irvine Boulevard

File Name 128
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	307			23	238				
12:15	35	368			20	230				
12:30	29	298			16	258				
12:45	27	378	130	1350	12	236	70	961	200	2311
1:00	23	429			13	243				
1:15	16	403			7	253				
1:30	12	377			8	264				
1:45	15	402	66	1610	3	265	30	1024	95	2634
2:00	11	386			5	268				
2:15	13	395			6	247				
2:30	11	492			6	327				
2:45	13	464	47	1737	6	315	22	1156	69	2893
3:00	8	331			10	326				
3:15	9	423			7	302				
3:30	10	451			10	260				
3:45	17	578	43	1782	10	297	36	1184	79	2966
4:00	16	523			17	263				
4:15	20	542			20	335				
4:30	16	498			28	258				
4:45	27	554	78	2116	28	295	92	1151	169	3267
5:00	26	515			38	237				
5:15	44	598			55	288				
5:30	48	587			68	280				
5:45	59	582	175	2282	81	277	241	1081	416	3363
6:00	79	561			103	246				
6:15	84	608			106	271				
6:30	93	473			171	216				
6:45	123	531	378	2172	189	246	568	978	945	3150
7:00	140	414			299	208				
7:15	218	380			362	196				
7:30	259	370			428	179				
7:45	374	289	991	1453	497	164	1586	746	2577	2199
8:00	333	299			537	183				
8:15	333	308			524	153				
8:30	319	270			507	160				
8:45	297	286	1282	1162	388	128	1955	624	3236	1786
9:00	283	267			340	124				
9:15	285	228			342	106				
9:30	261	186			304	95				
9:45	243	183	1072	864	305	93	1290	417	2361	1280
10:00	215	159			279	86				
10:15	235	145			281	78				
10:30	246	114			254	50				
10:45	255	91	950	509	257	52	1070	265	2020	774
11:00	294	89			244	34				
11:15	296	65			234	33				
11:30	307	45			274	31				
11:45	315	39	1211	236	237	23	989	121	2200	357
Totals	6419	17271			7946	9705				
Combined Totals		23690				17650				
ADT										41340
AM Peak Hour	745	AM			745	AM				
Volume	1359				2064					
P.H.F.	0.908				0.962					
PM Peak Hour		530	PM			230	PM			
Volume		2338				1270				
P.H.F.		0.962				0.972				
Percentage	27.1%	72.9%			45.0%	55.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Irvine Center Drive - Deerfield Avenue

File Name 120
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	252			23	264				
12:15	25	288			20	293				
12:30	14	271			10	269				
12:45	17	297	78	1108	15	259	68	1085	146	2193
1:00	9	265			9	250				
1:15	11	285			9	283				
1:30	10	276			16	266				
1:45	8	339	38	1165	11	311	45	1110	83	2275
2:00	5	314			9	248				
2:15	7	323			1	298				
2:30	8	330			5	344				
2:45	7	317	27	1284	8	329	23	1219	50	2503
3:00	9	401			6	327				
3:15	3	353			3	338				
3:30	10	388			4	330				
3:45	1	422	23	1564	9	380	22	1375	45	2939
4:00	4	415			13	353				
4:15	8	417			8	385				
4:30	14	450			21	303				
4:45	13	456	39	1738	22	321	64	1362	103	3100
5:00	18	495			31	292				
5:15	18	519			37	359				
5:30	23	502			58	339				
5:45	28	491	87	2007	72	339	198	1329	285	3336
6:00	51	447			67	303				
6:15	45	414			90	297				
6:30	64	348			113	259				
6:45	93	332	253	1541	141	248	411	1107	664	2648
7:00	116	329			194	222				
7:15	106	350			273	242				
7:30	162	244			405	197				
7:45	191	252	575	1175	460	201	1332	862	1907	2037
8:00	263	247			489	188				
8:15	255	184			499	165				
8:30	228	226			519	154				
8:45	183	198	929	855	461	138	1968	645	2897	1500
9:00	244	156			361	138				
9:15	176	133			306	132				
9:30	206	138			289	91				
9:45	212	109	838	536	346	110	1302	471	2140	1007
10:00	196	77			322	90				
10:15	204	80			273	86				
10:30	234	89			328	58				
10:45	253	54	887	300	291	43	1214	277	2101	577
11:00	256	60			265	42				
11:15	251	57			256	42				
11:30	274	30			301	26				
11:45	271	23	1052	170	264	26	1086	136	2138	306
Totals	4826	13443			7733	10978				
Combined Totals		18269				18711				
ADT										36980
AM Peak Hour	1100	AM			800	AM				
Volume	1052				1968					
P.H.F.	0.960				0.948					
PM Peak Hour		500	PM			330	PM			
Volume		2007				1448				
P.H.F.		0.967				0.940				
Percentage	26.4%	73.6%			41.3%	58.7%				

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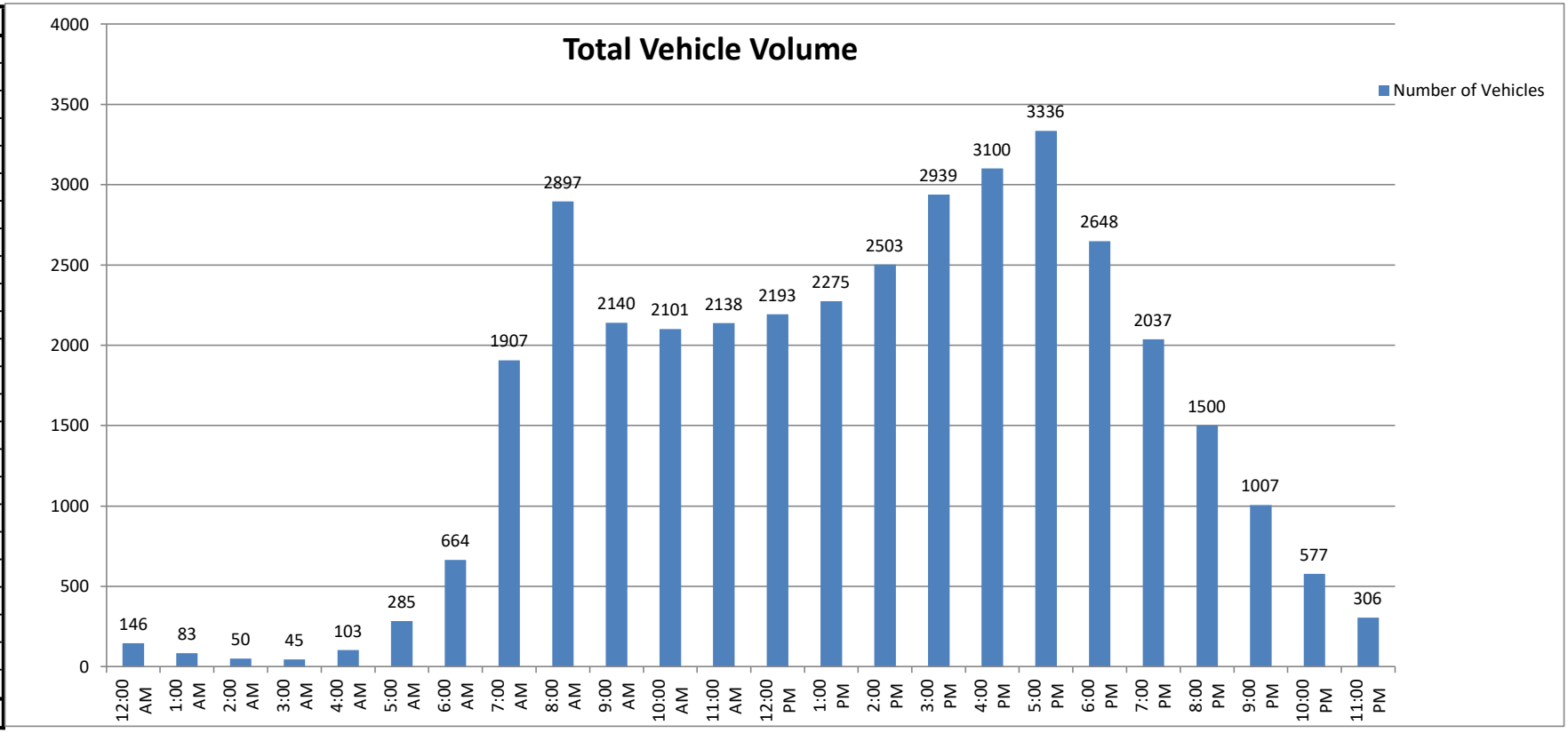
24 Hour Volume Plot

Culver Drive
B/ Irvine Center Drive - Deerfield Avenue
12/5/2023

Start Time	12/5/2023
12:00 AM	146
1:00 AM	83
2:00 AM	50
3:00 AM	45
4:00 AM	103
5:00 AM	285
6:00 AM	664
7:00 AM	1907
8:00 AM	2897
9:00 AM	2140
10:00 AM	2101
11:00 AM	2138
12:00 PM	2193
1:00 PM	2275
2:00 PM	2503
3:00 PM	2939
4:00 PM	3100
5:00 PM	3336
6:00 PM	2648
7:00 PM	2037
8:00 PM	1500
9:00 PM	1007
10:00 PM	577
11:00 PM	306
Total	36980



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Irvine Center Drive - Deerfield Avenue

File Name 120
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	281			24	285				
12:15	17	342			21	263				
12:30	27	281			17	269				
12:45	22	295	96	1199	15	307	77	1124	173	2323
1:00	12	342			17	284				
1:15	7	365			15	283				
1:30	14	304			9	338				
1:45	10	337	43	1348	11	316	52	1221	95	2569
2:00	1	298			10	283				
2:15	10	311			6	315				
2:30	11	346			7	326				
2:45	5	312	27	1267	8	363	31	1287	58	2554
3:00	3	356			11	284				
3:15	7	369			3	332				
3:30	10	460			7	286				
3:45	10	424	30	1609	7	339	28	1241	58	2850
4:00	7	414			14	336				
4:15	8	397			16	317				
4:30	12	482			20	334				
4:45	9	461	36	1754	27	328	77	1315	113	3069
5:00	16	500			38	320				
5:15	16	486			38	319				
5:30	26	526			33	334				
5:45	36	426	94	1938	80	362	189	1335	283	3273
6:00	44	462			77	288				
6:15	53	439			78	299				
6:30	75	348			114	302				
6:45	72	355	244	1604	163	272	432	1161	676	2765
7:00	102	302			177	281				
7:15	108	279			268	243				
7:30	156	255			395	168				
7:45	180	251	546	1087	396	207	1236	899	1782	1986
8:00	256	201			507	203				
8:15	230	215			439	202				
8:30	259	225			569	169				
8:45	202	209	947	850	435	145	1950	719	2897	1569
9:00	205	178			432	161				
9:15	171	145			316	135				
9:30	209	158			348	106				
9:45	231	134	816	615	311	94	1407	496	2223	1111
10:00	194	99			290	85				
10:15	245	86			296	94				
10:30	202	53			342	56				
10:45	267	58	908	296	279	55	1207	290	2115	586
11:00	299	58			295	48				
11:15	284	32			290	38				
11:30	308	31			291	23				
11:45	263	35	1154	156	254	33	1130	142	2284	298
Totals	4941	13723			7816	11230				
Combined Totals		18664				19046				
ADT										37710
AM Peak Hour	1045	AM			800	AM				
Volume	1158				1950					
P.H.F.	0.940				0.857					
PM Peak Hour		445	PM			500	PM			
Volume		1973				1335				
P.H.F.		0.938				0.922				
Percentage	26.5%	73.5%			41.0%	59.0%				

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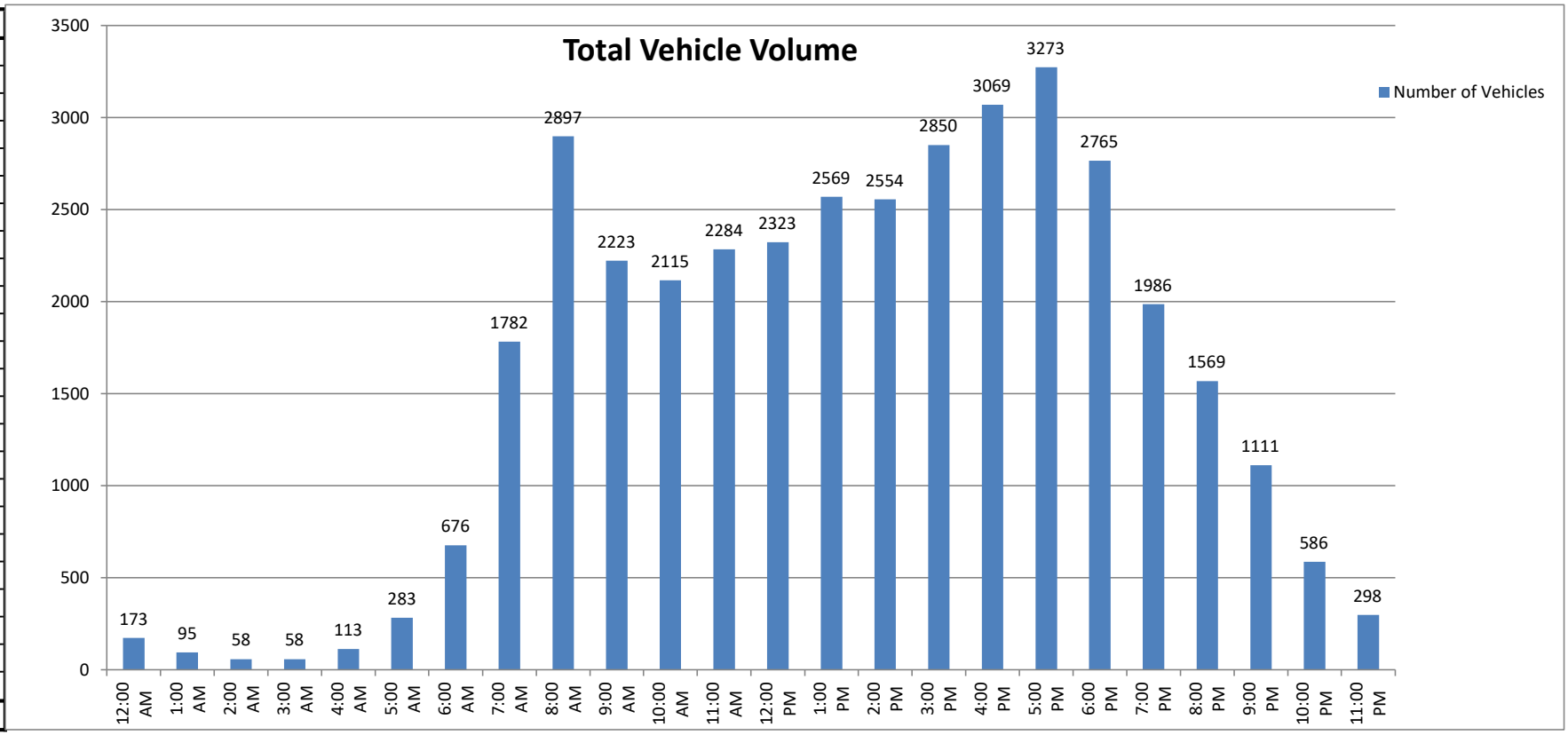
24 Hour Volume Plot

Culver Drive

B/ Irvine Center Drive - Deerfield Avenue

12/6/2023

Start Time	12/6/2023
12:00 AM	173
1:00 AM	95
2:00 AM	58
3:00 AM	58
4:00 AM	113
5:00 AM	283
6:00 AM	676
7:00 AM	1782
8:00 AM	2897
9:00 AM	2223
10:00 AM	2115
11:00 AM	2284
12:00 PM	2323
1:00 PM	2569
2:00 PM	2554
3:00 PM	2850
4:00 PM	3069
5:00 PM	3273
6:00 PM	2765
7:00 PM	1986
8:00 PM	1569
9:00 PM	1111
10:00 PM	586
11:00 PM	298
Total	37710



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Irvine Center Drive - Deerfield Avenue

File Name 120
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	267			24	275				
12:15	21	315			21	278				
12:30	21	276			14	269				
12:45	20	296	87	1154	15	283	73	1105	160	2258
1:00	11	304			13	267				
1:15	9	325			12	283				
1:30	12	290			13	302				
1:45	9	338	41	1257	11	314	49	1166	89	2422
2:00	3	306			10	266				
2:15	9	317			4	307				
2:30	10	338			6	335				
2:45	6	315	27	1276	8	346	27	1253	54	2529
3:00	6	379			9	306				
3:15	5	361			3	335				
3:30	10	424			6	308				
3:45	6	423	27	1587	8	360	25	1308	52	2895
4:00	6	415			14	345				
4:15	8	407			12	351				
4:30	13	466			21	319				
4:45	11	459	38	1746	25	325	71	1339	108	3085
5:00	17	498			35	306				
5:15	17	503			38	339				
5:30	25	514			46	337				
5:45	32	459	91	1973	76	351	194	1332	284	3305
6:00	48	455			72	296				
6:15	49	427			84	298				
6:30	70	348			114	281				
6:45	83	344	249	1573	152	260	422	1134	670	2707
7:00	109	316			186	252				
7:15	107	315			271	243				
7:30	159	250			400	183				
7:45	186	252	561	1131	428	204	1284	881	1845	2012
8:00	260	224			498	196				
8:15	243	200			469	184				
8:30	244	226			544	162				
8:45	193	204	938	853	448	142	1959	682	2897	1535
9:00	225	167			397	150				
9:15	174	139			311	134				
9:30	208	148			319	99				
9:45	222	122	827	576	329	102	1355	484	2182	1059
10:00	195	88			306	88				
10:15	225	83			285	90				
10:30	218	71			335	57				
10:45	260	56	898	298	285	49	1211	284	2108	582
11:00	278	59			280	45				
11:15	268	45			273	40				
11:30	291	31			296	25				
11:45	267	29	1103	163	259	30	1108	139	2211	302
Totals	4884	13583			7775	11104				
Combined Totals		18467				18879				
ADT										37345
AM Peak Hour	1100	AM			800	AM				
Volume	1103				1959					
P.H.F.	0.948				0.900					
PM Peak Hour		500	PM			345	PM			
Volume		1973				1374				
P.H.F.		0.959				0.955				
Percentage	26.4%	73.6%			41.2%	58.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Irvine Boulevard - Meadowood

File Name 129
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	190			12	198				
12:15	15	168			10	194				
12:30	11	183			10	225				
12:45	19	194	77	735	4	196	36	813	113	1548
1:00	10	237			5	218				
1:15	9	229			4	234				
1:30	2	258			6	214				
1:45	8	258	29	982	2	316	17	982	46	1964
2:00	7	223			3	305				
2:15	8	189			3	260				
2:30	4	222			6	387				
2:45	7	288	26	922	2	308	14	1260	40	2182
3:00	4	185			6	246				
3:15	4	193			5	220				
3:30	2	247			5	214				
3:45	4	294	14	919	5	230	21	910	35	1829
4:00	5	310			8	237				
4:15	4	271			10	287				
4:30	7	292			14	224				
4:45	10	287	26	1160	18	209	50	957	76	2117
5:00	11	309			34	228				
5:15	16	299			36	252				
5:30	21	338			43	212				
5:45	19	313	67	1259	69	203	182	895	249	2154
6:00	45	360			69	218				
6:15	48	303			74	202				
6:30	43	279			143	186				
6:45	73	209	209	1151	152	186	438	792	647	1943
7:00	75	233			244	172				
7:15	133	236			247	118				
7:30	178	201			357	115				
7:45	255	196	641	866	489	119	1337	524	1978	1390
8:00	181	180			505	112				
8:15	178	171			461	110				
8:30	158	119			367	121				
8:45	209	158	726	628	303	94	1636	437	2362	1065
9:00	190	143			334	79				
9:15	173	134			350	46				
9:30	161	102			268	54				
9:45	129	98	653	477	211	38	1163	217	1816	694
10:00	128	68			229	59				
10:15	121	69			208	52				
10:30	139	64			194	30				
10:45	150	41	538	242	201	18	832	159	1370	401
11:00	145	41			211	18				
11:15	165	41			200	17				
11:30	179	28			198	13				
11:45	178	15	667	125	228	4	837	52	1504	177
Totals	3673	9466			6563	7998				
Combined Totals		13139				14561				
ADT										27700
AM Peak Hour	730	AM			745	AM				
Volume	792				1822					
P.H.F.	0.776				0.902					
PM Peak Hour		530	PM			145	PM			
Volume		1314				1268				
P.H.F.		0.913				0.819				
Percentage	28.0%	72.0%			45.1%	54.9%				

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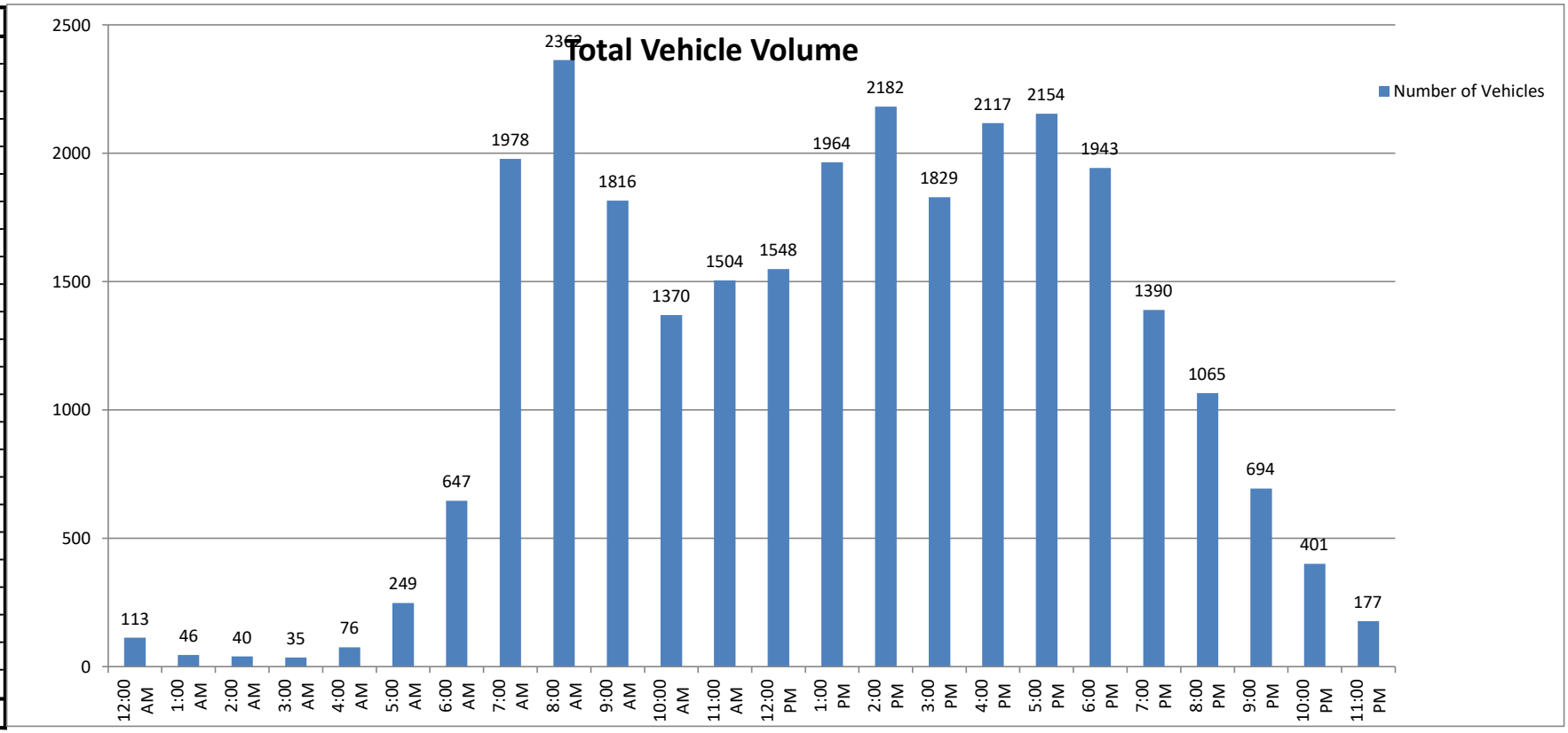
24 Hour Volume Plot

Culver Drive
B/ Irvine Boulevard - Meadowood
12/6/2023

Start Time	12/6/2023
12:00 AM	113
1:00 AM	46
2:00 AM	40
3:00 AM	35
4:00 AM	76
5:00 AM	249
6:00 AM	647
7:00 AM	1978
8:00 AM	2362
9:00 AM	1816
10:00 AM	1370
11:00 AM	1504
12:00 PM	1548
1:00 PM	1964
2:00 PM	2182
3:00 PM	1829
4:00 PM	2117
5:00 PM	2154
6:00 PM	1943
7:00 PM	1390
8:00 PM	1065
9:00 PM	694
10:00 PM	401
11:00 PM	177
Total	27700



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Irvine Boulevard - Meadowood

File Name 129
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/7/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	139			14	222				
12:15	16	192			7	166				
12:30	21	211			8	230				
12:45	10	171	65	713	8	166	37	784	102	1497
1:00	9	210			9	154				
1:15	5	183			7	159				
1:30	5	180			7	200				
1:45	5	222	24	795	0	172	23	685	47	1480
2:00	10	197			0	214				
2:15	6	247			6	241				
2:30	5	256			6	340				
2:45	2	322	23	1022	4	350	16	1145	39	2167
3:00	5	193			1	356				
3:15	5	237			3	229				
3:30	1	260			1	253				
3:45	4	296	15	986	6	208	11	1046	26	2032
4:00	5	293			9	278				
4:15	9	250			9	271				
4:30	6	307			19	234				
4:45	11	277	31	1127	20	259	57	1042	88	2169
5:00	9	326			27	229				
5:15	19	259			28	209				
5:30	28	339			40	246				
5:45	28	290	84	1214	53	244	148	928	232	2142
6:00	37	319			65	209				
6:15	50	290			80	233				
6:30	57	308			116	173				
6:45	69	253	213	1170	135	206	396	821	609	1991
7:00	88	244			264	161				
7:15	165	240			301	169				
7:30	164	177			370	133				
7:45	254	178	671	839	457	124	1392	587	2063	1426
8:00	223	165			655	162				
8:15	241	210			549	112				
8:30	178	131			353	79				
8:45	159	164	801	670	273	71	1830	424	2631	1094
9:00	136	144			253	50				
9:15	144	138			224	67				
9:30	153	124			213	80				
9:45	124	94	557	500	246	50	936	247	1493	747
10:00	153	94			279	49				
10:15	126	94			212	47				
10:30	143	61			240	33				
10:45	114	61	536	310	186	26	917	155	1453	465
11:00	149	48			216	20				
11:15	148	33			207	19				
11:30	136	26			238	19				
11:45	161	20	594	127	188	13	849	71	1443	198
Totals	3614	9473			6612	7935				
Combined Totals		13087				14547				
ADT										27634
AM Peak Hour	745	AM			730	AM				
Volume	896				2031					
P.H.F.	0.882				0.775					
PM Peak Hour		530	PM			215	PM			
Volume		1238				1287				
P.H.F.		0.913				0.904				
Percentage	27.6%	72.4%			45.5%	54.5%				

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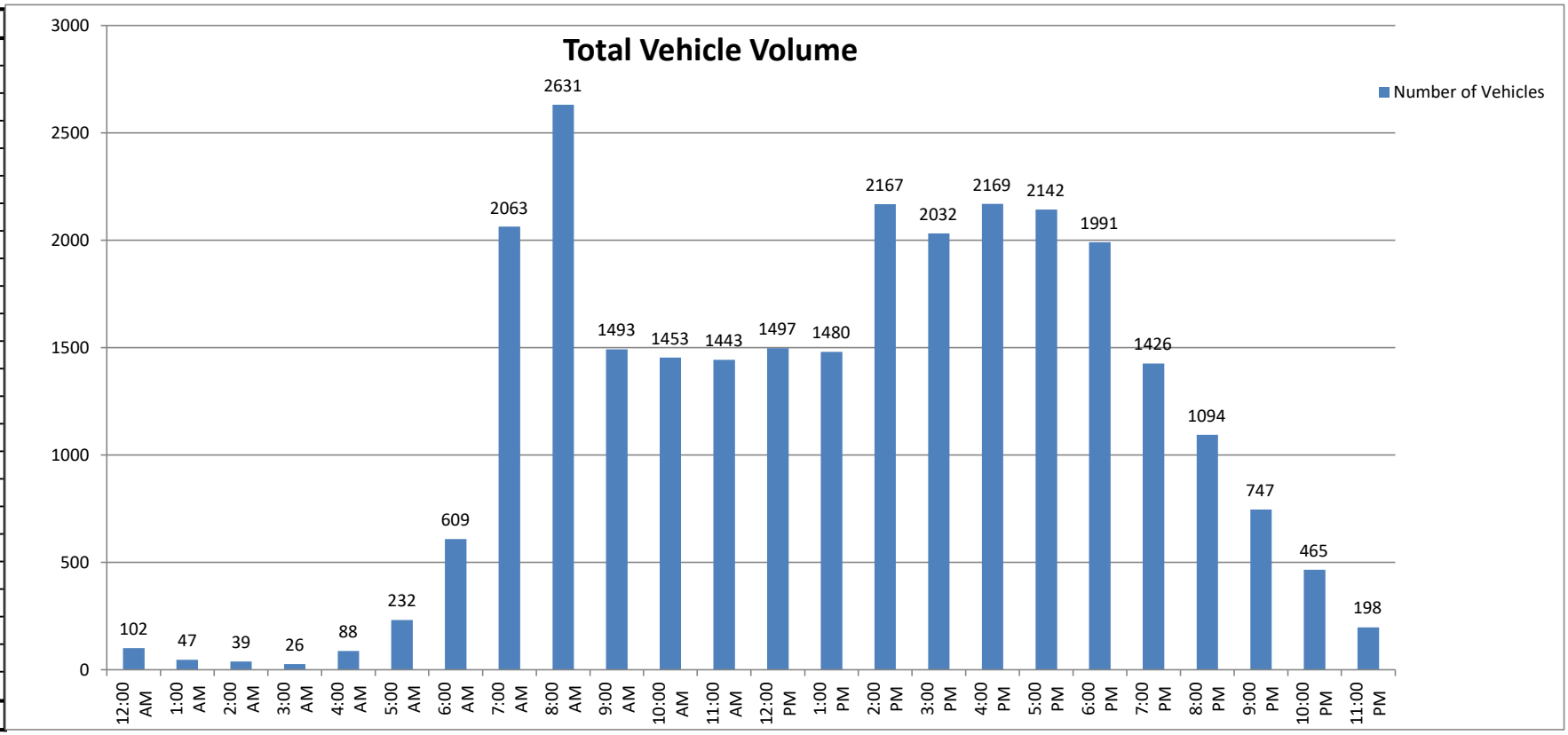
24 Hour Volume Plot

Culver Drive
B/ Irvine Boulevard - Meadowood

12/7/2023

Start Time	12/7/2023
12:00 AM	102
1:00 AM	47
2:00 AM	39
3:00 AM	26
4:00 AM	88
5:00 AM	232
6:00 AM	609
7:00 AM	2063
8:00 AM	2631
9:00 AM	1493
10:00 AM	1453
11:00 AM	1443
12:00 PM	1497
1:00 PM	1480
2:00 PM	2167
3:00 PM	2032
4:00 PM	2169
5:00 PM	2142
6:00 PM	1991
7:00 PM	1426
8:00 PM	1094
9:00 PM	747
10:00 PM	465
11:00 PM	198
Total	27634



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Irvine Boulevard - Meadowood

File Name 129
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	165			13	210				
12:15	16	180			9	180				
12:30	16	197			9	228				
12:45	15	183	71	724	6	181	37	799	108	1523
1:00	10	224			7	186				
1:15	7	206			6	197				
1:30	4	219			7	207				
1:45	7	240	27	889	1	244	20	834	47	1722
2:00	9	210			2	260				
2:15	7	218			5	251				
2:30	5	239			6	364				
2:45	5	305	25	972	3	329	15	1203	40	2175
3:00	5	189			4	301				
3:15	5	215			4	225				
3:30	2	254			3	234				
3:45	4	295	15	953	6	219	16	978	31	1931
4:00	5	302			9	258				
4:15	7	261			10	279				
4:30	7	300			17	229				
4:45	11	282	29	1144	19	234	54	1000	82	2143
5:00	10	318			31	229				
5:15	18	279			32	231				
5:30	25	339			42	229				
5:45	24	302	76	1237	61	224	165	912	241	2148
6:00	41	340			67	214				
6:15	49	297			77	218				
6:30	50	294			130	180				
6:45	71	231	211	1161	144	196	417	807	628	1967
7:00	82	239			254	167				
7:15	149	238			274	144				
7:30	171	189			364	124				
7:45	255	187	656	853	473	122	1365	556	2021	1408
8:00	202	173			580	137				
8:15	210	191			505	111				
8:30	168	125			360	100				
8:45	184	161	764	649	288	83	1733	431	2497	1080
9:00	163	144			294	65				
9:15	159	136			287	57				
9:30	157	113			241	67				
9:45	127	96	605	489	229	44	1050	232	1655	721
10:00	141	81			254	54				
10:15	124	82			210	50				
10:30	141	63			217	32				
10:45	132	51	537	276	194	22	875	157	1412	433
11:00	147	45			214	19				
11:15	157	37			204	18				
11:30	158	27			218	16				
11:45	170	18	631	126	208	9	843	62	1474	188
Totals	3644	9470			6588	7967				
Combined Totals		13113				14554				
ADT										27667
AM Peak Hour	730 AM				730 AM					
Volume	837				1922					
P.H.F.	0.822				0.828					
PM Peak Hour		530 PM				215 PM				
Volume		1276				1244				
P.H.F.		0.940				0.856				
Percentage	27.8%	72.2%			45.3%	54.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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City of Irvine
Culver Drive
B/ Main Street - Alton Parkway

File Name 116
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	332			52	294				
12:15	30	350			26	416				
12:30	28	359			25	360				
12:45	21	344	115	1385	17	354	120	1424	235	2809
1:00	25	366			21	386				
1:15	19	418			13	366				
1:30	8	387			12	380				
1:45	11	401	63	1572	9	356	55	1488	118	3060
2:00	12	393			10	388				
2:15	7	420			6	384				
2:30	14	372			4	350				
2:45	6	388	39	1573	9	398	29	1520	68	3093
3:00	10	441			7	334				
3:15	10	405			5	366				
3:30	8	517			4	367				
3:45	7	471	35	1834	10	408	26	1475	61	3309
4:00	9	442			12	376				
4:15	15	540			14	378				
4:30	10	539			21	368				
4:45	27	488	61	2009	39	405	86	1527	147	3536
5:00	14	523			26	406				
5:15	40	542			57	428				
5:30	36	552			67	338				
5:45	63	532	153	2149	79	366	229	1538	382	3687
6:00	67	507			86	402				
6:15	68	452			108	406				
6:30	93	438			151	340				
6:45	108	360	336	1757	182	396	527	1544	863	3301
7:00	142	346			246	371				
7:15	160	350			327	334				
7:30	210	308			444	254				
7:45	254	292	766	1296	516	306	1533	1265	2299	2561
8:00	296	263			458	264				
8:15	332	308			582	300				
8:30	274	234			570	271				
8:45	294	229	1196	1034	538	258	2148	1093	3344	2127
9:00	270	211			404	257				
9:15	238	200			381	188				
9:30	232	148			384	186				
9:45	277	130	1017	689	358	148	1527	779	2544	1468
10:00	237	132			330	143				
10:15	242	113			311	98				
10:30	236	98			333	80				
10:45	306	76	1021	419	388	79	1362	400	2383	819
11:00	268	64			356	72				
11:15	318	65			328	54				
11:30	308	42			325	52				
11:45	354	44	1248	215	355	38	1364	216	2612	431
Totals	6050	15932			9006	14269				
Combined Totals		21982				23275				
ADT										45257
AM Peak Hour	1100	AM			800	AM				
Volume	1248				2148					
P.H.F.	0.881				0.923					
PM Peak Hour		500	PM			430	PM			
Volume		2149				1607				
P.H.F.		0.973				0.939				
Percentage	27.5%	72.5%			38.7%	61.3%				

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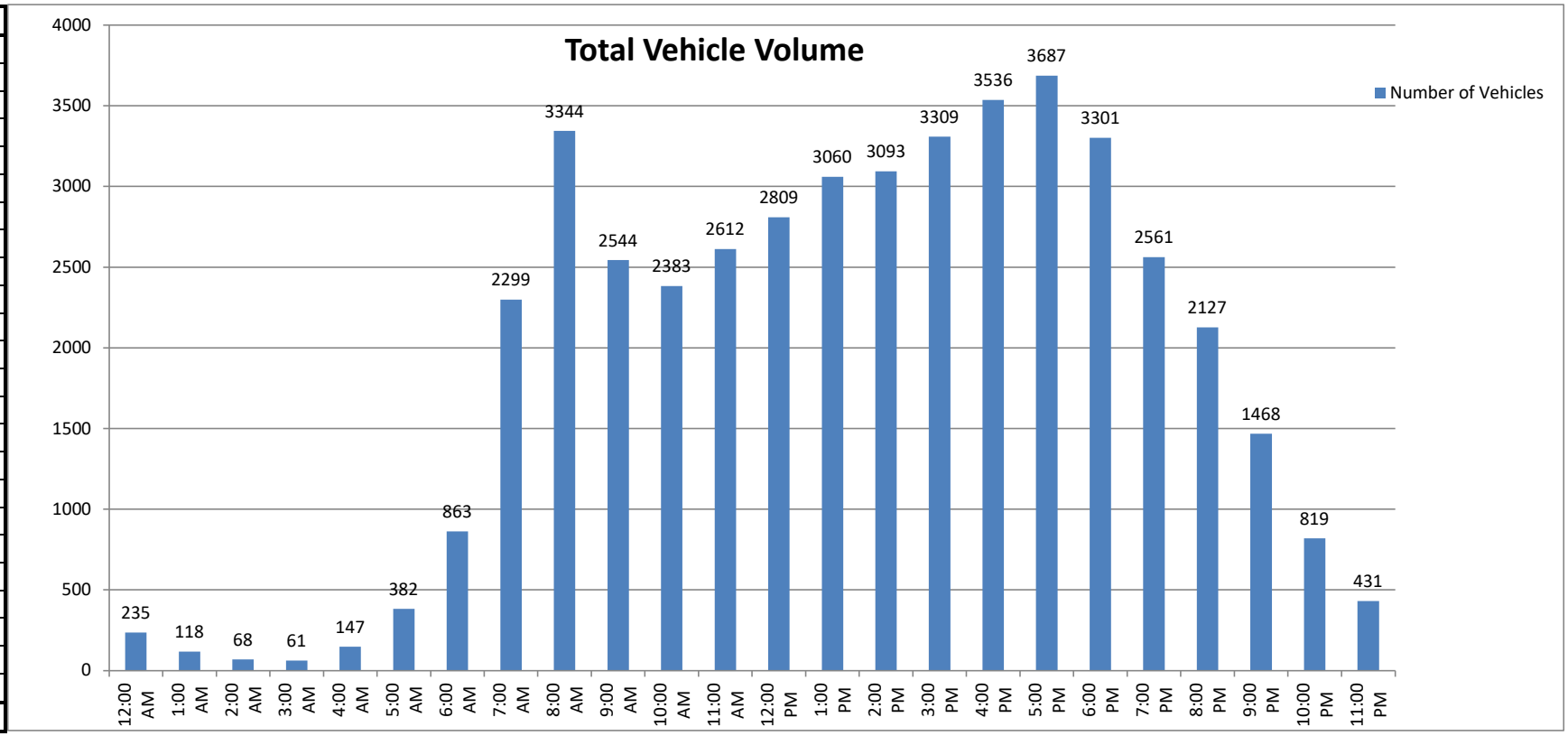
24 Hour Volume Plot

Culver Drive
B/ Main Street - Alton Parkway
5/8/2024

Start Time	5/8/2024
12:00 AM	235
1:00 AM	118
2:00 AM	68
3:00 AM	61
4:00 AM	147
5:00 AM	382
6:00 AM	863
7:00 AM	2299
8:00 AM	3344
9:00 AM	2544
10:00 AM	2383
11:00 AM	2612
12:00 PM	2809
1:00 PM	3060
2:00 PM	3093
3:00 PM	3309
4:00 PM	3536
5:00 PM	3687
6:00 PM	3301
7:00 PM	2561
8:00 PM	2127
9:00 PM	1468
10:00 PM	819
11:00 PM	431
Total	45257



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Main Street - Alton Parkway

File Name 116
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	368			43	320				
12:15	31	325			38	382				
12:30	32	350			28	336				
12:45	34	355	139	1398	33	366	142	1404	281	2802
1:00	18	290			18	360				
1:15	22	377			18	361				
1:30	18	345			6	442				
1:45	10	384	68	1396	15	357	57	1520	125	2916
2:00	10	420			13	343				
2:15	22	420			10	384				
2:30	8	417			7	409				
2:45	6	416	46	1673	7	435	37	1571	83	3244
3:00	6	485			5	346				
3:15	6	465			6	398				
3:30	4	508			14	384				
3:45	8	452	24	1910	10	402	35	1530	59	3440
4:00	11	524			11	347				
4:15	8	481			18	411				
4:30	14	533			23	333				
4:45	28	500	61	2038	36	390	88	1481	149	3519
5:00	32	538			27	378				
5:15	40	523			56	376				
5:30	36	520			61	376				
5:45	52	470	160	2051	72	402	216	1532	376	3583
6:00	62	490			80	342				
6:15	71	444			102	374				
6:30	79	456			140	349				
6:45	120	343	332	1733	162	404	484	1469	816	3202
7:00	133	353			238	323				
7:15	186	378			340	358				
7:30	196	270			484	300				
7:45	256	279	771	1280	543	299	1605	1280	2376	2560
8:00	316	278			488	254				
8:15	320	244			518	300				
8:30	290	263			542	256				
8:45	282	236	1208	1021	528	243	2076	1053	3284	2074
9:00	237	211			470	226				
9:15	257	160			406	170				
9:30	284	154			359	170				
9:45	277	146	1055	671	304	160	1539	726	2594	1397
10:00	276	125			320	138				
10:15	236	117			346	116				
10:30	242	105			330	94				
10:45	340	76	1094	423	347	87	1343	435	2437	858
11:00	286	84			337	65				
11:15	309	77			354	54				
11:30	341	57			328	48				
11:45	320	44	1256	262	354	48	1373	215	2629	477
Totals	6214	15856			8995	14216				
Combined Totals		22070				23211				
ADT										45281
AM Peak Hour	1045	AM			745	AM				
Volume	1276				2091					
P.H.F.	0.935				0.963					
PM Peak Hour		430	PM			230	PM			
Volume		2094				1588				
P.H.F.		0.973				0.913				
Percentage	28.2%	71.8%			38.8%	61.2%				

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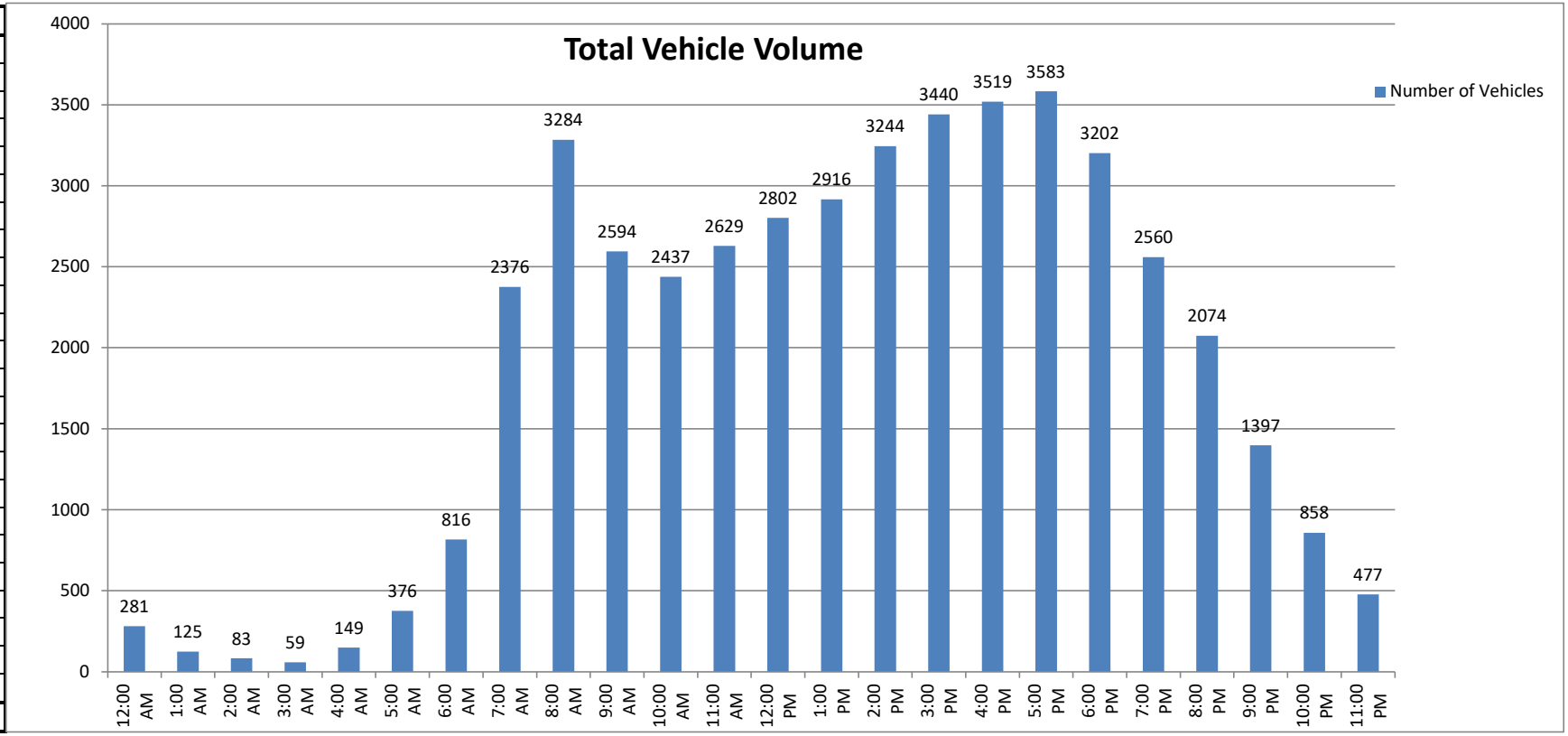
24 Hour Volume Plot

Culver Drive
B/ Main Street - Alton Parkway
5/9/2024

Start Time	5/9/2024
12:00 AM	281
1:00 AM	125
2:00 AM	83
3:00 AM	59
4:00 AM	149
5:00 AM	376
6:00 AM	816
7:00 AM	2376
8:00 AM	3284
9:00 AM	2594
10:00 AM	2437
11:00 AM	2629
12:00 PM	2802
1:00 PM	2916
2:00 PM	3244
3:00 PM	3440
4:00 PM	3519
5:00 PM	3583
6:00 PM	3202
7:00 PM	2560
8:00 PM	2074
9:00 PM	1397
10:00 PM	858
11:00 PM	477
Total	45281



Volumes represent the combined totals for both directions

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City of Irvine
Culver Drive
B/ Main Street - Alton Parkway

File Name 116
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	39	350			48	307				
12:15	31	338			32	399				
12:30	30	355			27	348				
12:45	28	350	127	1392	25	360	131	1414	258	2806
1:00	22	328			20	373				
1:15	21	398			16	364				
1:30	13	366			9	411				
1:45	11	393	66	1484	12	357	56	1504	122	2988
2:00	11	407			12	366				
2:15	15	420			8	384				
2:30	11	395			6	380				
2:45	6	402	43	1623	8	417	33	1546	76	3169
3:00	8	463			6	340				
3:15	8	435			6	382				
3:30	6	513			9	376				
3:45	8	462	30	1872	10	405	31	1503	60	3375
4:00	10	483			12	362				
4:15	12	511			16	395				
4:30	12	536			22	351				
4:45	28	494	61	2024	38	398	87	1504	148	3528
5:00	23	531			27	392				
5:15	40	533			57	402				
5:30	36	536			64	357				
5:45	58	501	157	2100	76	384	223	1535	379	3635
6:00	65	499			83	372				
6:15	70	448			105	390				
6:30	86	447			146	345				
6:45	114	352	334	1745	172	400	506	1507	840	3252
7:00	138	350			242	347				
7:15	173	364			334	346				
7:30	203	289			464	277				
7:45	255	286	769	1288	530	303	1569	1273	2338	2561
8:00	306	271			473	259				
8:15	326	276			550	300				
8:30	282	249			556	264				
8:45	288	233	1202	1028	533	251	2112	1073	3314	2101
9:00	254	211			437	242				
9:15	248	180			394	179				
9:30	258	151			372	178				
9:45	277	138	1036	680	331	154	1533	753	2569	1433
10:00	257	129			325	141				
10:15	239	115			329	107				
10:30	239	102			332	87				
10:45	323	76	1058	421	368	83	1353	418	2410	839
11:00	277	74			347	69				
11:15	314	71			341	54				
11:30	325	50			327	50				
11:45	337	44	1252	239	355	43	1369	216	2621	454
Totals	6132	15894			9001	14243				
Combined Totals		22026				23243				
ADT										45269
AM Peak Hour	1100	AM			800	AM				
Volume	1252				2112					
P.H.F.	0.929				0.950					
PM Peak Hour		500	PM			445	PM			
Volume		2100				1549				
P.H.F.		0.979				0.963				
Percentage	27.8%	72.2%			38.7%	61.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Meadowood - Portola Parkway

File Name 130
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	136			6	122				
12:15	10	148			5	120				
12:30	6	140			5	132				
12:45	11	147	45	571	4	107	20	481	65	1052
1:00	3	178			5	150				
1:15	7	151			3	134				
1:30	2	190			4	142				
1:45	6	234	18	753	1	201	13	627	31	1380
2:00	2	161			3	196				
2:15	5	167			3	151				
2:30	3	188			3	237				
2:45	7	215	17	731	1	190	10	774	27	1505
3:00	1	135			4	156				
3:15	2	149			1	117				
3:30	2	197			2	144				
3:45	2	217	7	698	2	150	9	567	16	1265
4:00	3	215			5	169				
4:15	3	224			5	170				
4:30	4	202			6	131				
4:45	11	210	21	851	8	154	24	624	45	1475
5:00	12	209			16	167				
5:15	15	227			17	152				
5:30	28	213			21	138				
5:45	20	235	75	884	32	118	86	575	161	1459
6:00	40	247			36	155				
6:15	47	209			40	121				
6:30	41	202			70	103				
6:45	61	147	189	805	75	116	221	495	410	1300
7:00	64	145			147	123				
7:15	111	166			139	68				
7:30	169	118			204	70				
7:45	207	121	551	550	323	84	813	345	1364	895
8:00	188	127			408	84				
8:15	144	112			265	79				
8:30	139	83			209	83				
8:45	169	89	640	411	183	59	1065	305	1705	716
9:00	201	86			222	64				
9:15	142	99			205	35				
9:30	134	53			138	33				
9:45	85	61	562	299	113	36	678	168	1240	467
10:00	103	43			127	30				
10:15	98	36			119	35				
10:30	103	36			112	20				
10:45	114	20	418	135	110	12	468	97	886	232
11:00	118	30			139	13				
11:15	127	21			123	15				
11:30	123	19			127	7				
11:45	166	7	534	77	132	6	521	41	1055	118
Totals	3077	6765			3928	5099				
Combined Totals		9842				9027				
ADT										18869
AM Peak Hour	730	AM			745	AM				
Volume	708				1205					
P.H.F.	0.855				0.738					
PM Peak Hour		515	PM			145	PM			
Volume		922				785				
P.H.F.		0.933				0.828				
Percentage	31.3%	68.7%			43.5%	56.5%				

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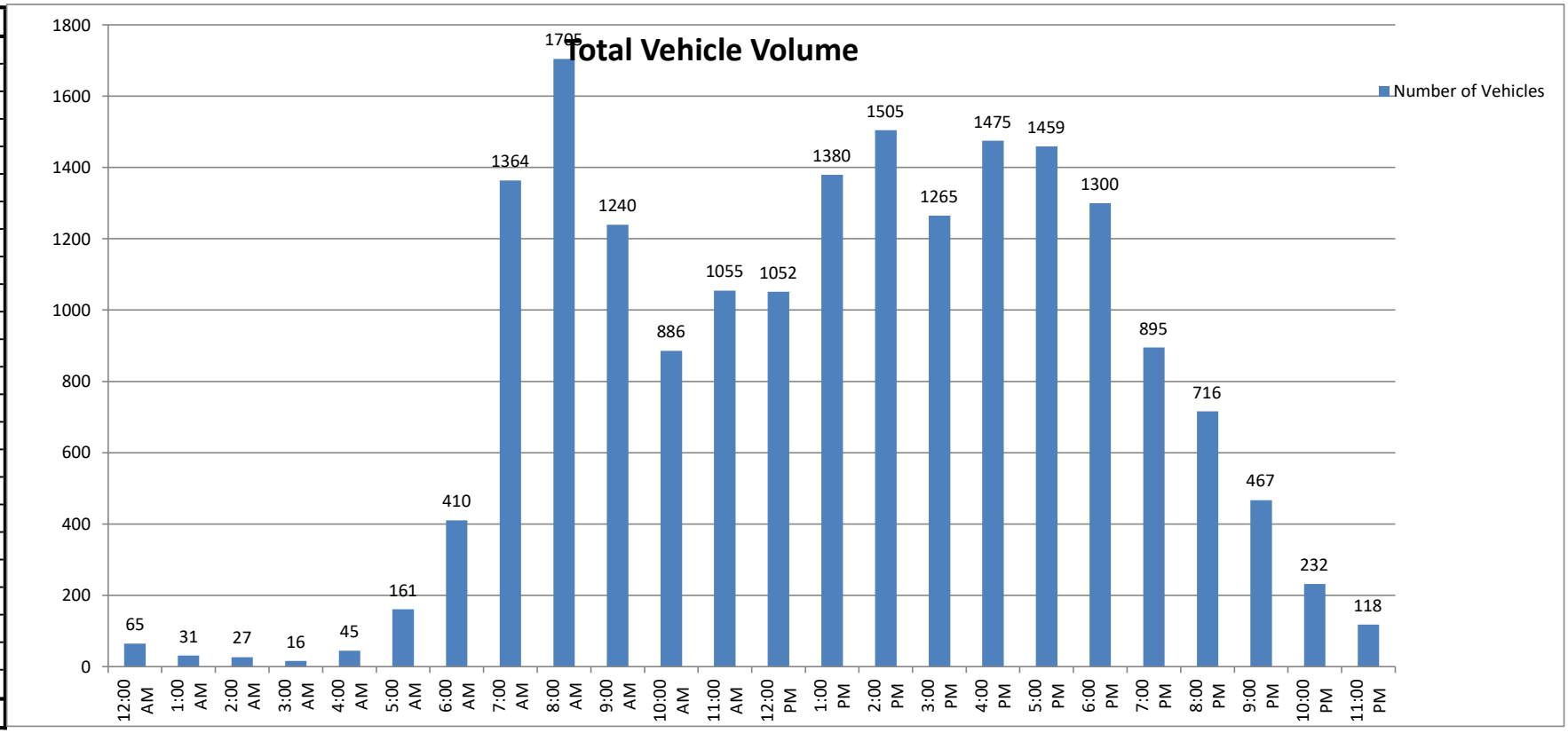
24 Hour Volume Plot

Culver Drive
B/ Meadowood - Portola Parkway
12/6/2023

Start Time	12/6/2023
12:00 AM	65
1:00 AM	31
2:00 AM	27
3:00 AM	16
4:00 AM	45
5:00 AM	161
6:00 AM	410
7:00 AM	1364
8:00 AM	1705
9:00 AM	1240
10:00 AM	886
11:00 AM	1055
12:00 PM	1052
1:00 PM	1380
2:00 PM	1505
3:00 PM	1265
4:00 PM	1475
5:00 PM	1459
6:00 PM	1300
7:00 PM	895
8:00 PM	716
9:00 PM	467
10:00 PM	232
11:00 PM	118
Total	18869



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Meadowood - Portola Parkway

File Name 130
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/7/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	107			11	129				
12:15	9	145			2	109				
12:30	14	148			6	157				
12:45	10	138	45	538	6	90	25	485	70	1023
1:00	4	143			6	92				
1:15	2	145			3	99				
1:30	3	123			6	133				
1:45	3	150	12	561	0	112	15	436	27	997
2:00	7	148			1	148				
2:15	4	166			4	152				
2:30	3	174			3	226				
2:45	1	287	15	775	0	250	8	776	23	1551
3:00	4	186			0	239				
3:15	3	157			4	164				
3:30	1	195			1	156				
3:45	3	238	11	776	4	131	9	690	20	1466
4:00	3	219			4	181				
4:15	6	197			5	170				
4:30	7	244			7	138				
4:45	9	189	25	849	10	159	26	648	51	1497
5:00	10	227			10	148				
5:15	15	196			11	149				
5:30	30	224			20	132				
5:45	24	204	79	851	22	159	63	588	142	1439
6:00	39	187			36	133				
6:15	41	233			36	163				
6:30	46	210			51	123				
6:45	62	178	188	808	84	118	207	537	395	1345
7:00	87	153			147	113				
7:15	135	155			157	110				
7:30	154	122			207	79				
7:45	229	124	605	554	329	74	840	376	1445	930
8:00	249	104			388	109				
8:15	181	145			294	72				
8:30	180	84			176	56				
8:45	113	106	723	439	136	38	994	275	1717	714
9:00	106	92			139	44				
9:15	105	74			123	42				
9:30	124	68			115	47				
9:45	101	61	436	295	159	32	536	165	972	460
10:00	107	60			156	25				
10:15	92	54			117	33				
10:30	91	47			134	19				
10:45	93	39	383	200	119	16	526	93	909	293
11:00	104	29			111	12				
11:15	122	23			128	12				
11:30	114	13			140	13				
11:45	108	11	448	76	132	10	511	47	959	123
Totals	2970	6722			3760	5116				
Combined Totals		9692				8876				
ADT										18568
AM Peak Hour	745	AM			730	AM				
Volume	839				1218					
P.H.F.	0.842				0.785					
PM Peak Hour		345	PM			230	PM			
Volume		898				879				
P.H.F.		0.920				0.879				
Percentage	30.6%	69.4%			42.4%	57.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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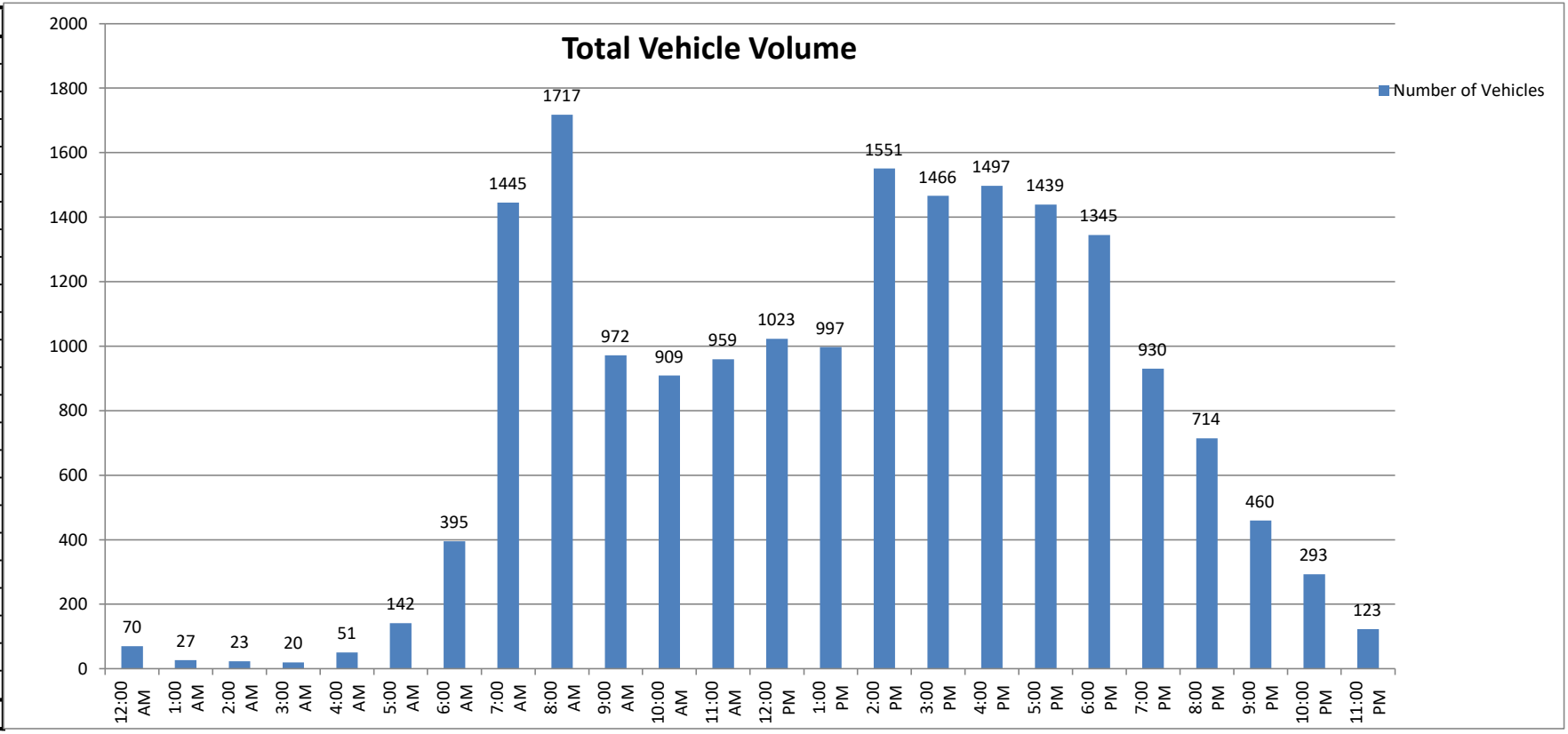
24 Hour Volume Plot

Culver Drive
B/ Meadowood - Portola Parkway
12/7/2023

Start Time	12/7/2023
12:00 AM	70
1:00 AM	27
2:00 AM	23
3:00 AM	20
4:00 AM	51
5:00 AM	142
6:00 AM	395
7:00 AM	1445
8:00 AM	1717
9:00 AM	972
10:00 AM	909
11:00 AM	959
12:00 PM	1023
1:00 PM	997
2:00 PM	1551
3:00 PM	1466
4:00 PM	1497
5:00 PM	1439
6:00 PM	1345
7:00 PM	930
8:00 PM	714
9:00 PM	460
10:00 PM	293
11:00 PM	123
Total	18568



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Meadowood - Portola Parkway

File Name 130
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	122			9	126				
12:15	10	147			4	115				
12:30	10	144			6	145				
12:45	11	143	45	555	5	99	23	483	68	1038
1:00	4	161			6	121				
1:15	5	148			3	117				
1:30	3	157			5	138				
1:45	5	192	15	657	1	157	14	532	29	1189
2:00	5	155			2	172				
2:15	5	167			4	152				
2:30	3	181			3	232				
2:45	4	251	16	753	1	220	9	775	25	1528
3:00	3	161			2	198				
3:15	3	153			3	141				
3:30	2	196			2	150				
3:45	3	228	9	737	3	141	9	629	18	1366
4:00	3	217			5	175				
4:15	5	211			5	170				
4:30	6	223			7	135				
4:45	10	200	23	850	9	157	25	636	48	1486
5:00	11	218			13	158				
5:15	15	212			14	151				
5:30	29	219			21	135				
5:45	22	220	77	868	27	139	75	582	152	1449
6:00	40	217			36	144				
6:15	44	221			38	142				
6:30	44	206			61	113				
6:45	62	163	189	807	80	117	214	516	403	1323
7:00	76	149			147	118				
7:15	123	161			148	89				
7:30	162	120			206	75				
7:45	218	123	578	552	326	79	827	361	1405	913
8:00	219	116			398	97				
8:15	163	129			280	76				
8:30	160	84			193	70				
8:45	141	98	682	425	160	49	1030	290	1711	715
9:00	154	89			181	54				
9:15	124	87			164	39				
9:30	129	61			127	40				
9:45	93	61	499	297	136	34	607	167	1106	464
10:00	105	52			142	28				
10:15	95	45			118	34				
10:30	97	42			123	20				
10:45	104	30	401	168	115	14	497	95	898	263
11:00	111	30			125	13				
11:15	125	22			126	14				
11:30	119	16			134	10				
11:45	137	9	491	77	132	8	516	44	1007	121
Totals	3024	6744			3844	5108				
Combined Totals		9767				8952				
ADT										18719
AM Peak Hour	730	AM			730	AM				
Volume	761				1209					
P.H.F.	0.870				0.759					
PM Peak Hour		345	PM			215	PM			
Volume		878				801				
P.H.F.		0.965				0.864				
Percentage	31.0%	69.0%			42.9%	57.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 114
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	64	333			55	443				
12:15	60	385			62	457				
12:30	44	368			50	448				
12:45	38	343	206	1429	39	464	206	1812	412	3241
1:00	33	423			25	401				
1:15	28	341			22	425				
1:30	23	391			19	519				
1:45	16	386	100	1541	32	454	98	1799	198	3340
2:00	19	444			21	424				
2:15	25	484			16	426				
2:30	16	445			15	395				
2:45	17	423	77	1796	16	460	68	1705	145	3501
3:00	14	416			8	472				
3:15	17	409			9	553				
3:30	7	461			12	482				
3:45	11	467	49	1753	13	543	42	2050	91	3803
4:00	20	536			11	514				
4:15	22	514			14	512				
4:30	23	502			25	560				
4:45	34	453	99	2005	20	503	70	2089	169	4094
5:00	43	559			37	467				
5:15	58	566			68	511				
5:30	66	518			71	545				
5:45	58	443	225	2086	137	574	313	2097	538	4183
6:00	89	437			100	557				
6:15	94	393			154	569				
6:30	146	397			184	577				
6:45	147	368	476	1595	242	476	680	2179	1156	3774
7:00	166	367			274	451				
7:15	242	409			343	412				
7:30	279	301			447	360				
7:45	315	351	1002	1428	541	385	1605	1608	2607	3036
8:00	383	318			554	301				
8:15	392	290			543	383				
8:30	423	245			549	342				
8:45	373	230	1571	1083	570	298	2216	1324	3787	2407
9:00	290	225			519	234				
9:15	315	228			448	233				
9:30	310	172			426	181				
9:45	351	154	1266	779	416	197	1809	845	3075	1624
10:00	320	106			415	182				
10:15	289	135			391	152				
10:30	309	113			443	120				
10:45	311	104	1229	458	424	97	1673	551	2902	1009
11:00	350	101			366	114				
11:15	338	78			385	99				
11:30	332	64			389	101				
11:45	363	62	1383	305	395	72	1535	386	2918	691
Totals	7683	16258			10315	18445				
Combined Totals		23941				28760				
ADT										52701
AM Peak Hour	800	AM			800	AM				
Volume	1571				2216					
P.H.F.	0.928				0.972					
PM Peak Hour		445	PM			545	PM			
Volume		2096				2277				
P.H.F.		0.926				0.987				
Percentage	32.1%	67.9%			35.9%	64.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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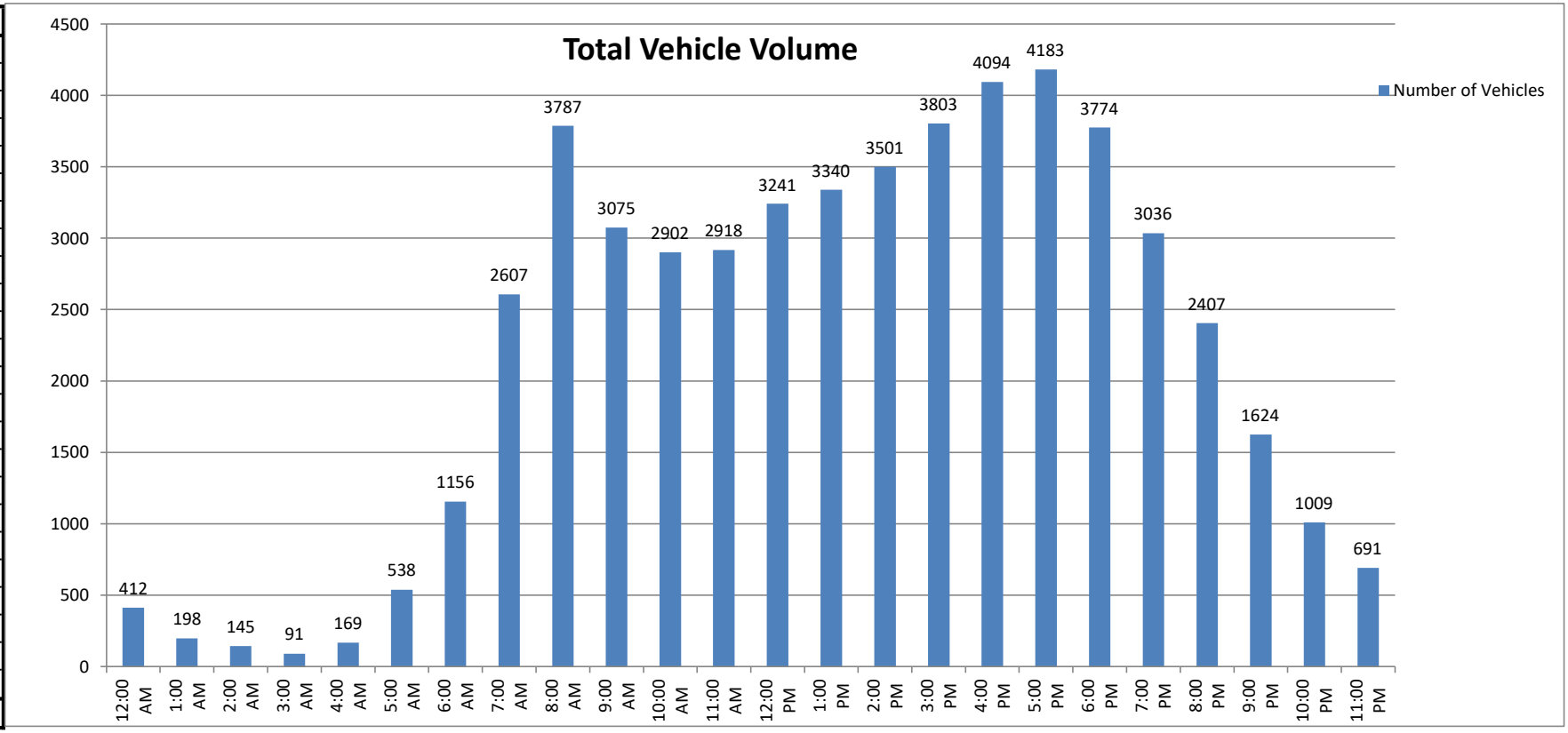
24 Hour Volume Plot

Culver Drive

B/ Michelson Drive - Southbound Interstate 405

12/5/2023

Start Time	12/5/2023
12:00 AM	412
1:00 AM	198
2:00 AM	145
3:00 AM	91
4:00 AM	169
5:00 AM	538
6:00 AM	1156
7:00 AM	2607
8:00 AM	3787
9:00 AM	3075
10:00 AM	2902
11:00 AM	2918
12:00 PM	3241
1:00 PM	3340
2:00 PM	3501
3:00 PM	3803
4:00 PM	4094
5:00 PM	4183
6:00 PM	3774
7:00 PM	3036
8:00 PM	2407
9:00 PM	1624
10:00 PM	1009
11:00 PM	691
Total	52701



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 114
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	62	387			82	428				
12:15	36	396			56	443				
12:30	37	350			34	443				
12:45	47	362	182	1495	40	436	212	1750	394	3245
1:00	35	438			26	450				
1:15	22	421			33	440				
1:30	19	418			15	447				
1:45	21	401	97	1678	18	505	92	1842	189	3520
2:00	14	409			12	457				
2:15	18	429			14	415				
2:30	13	462			21	390				
2:45	18	406	63	1706	13	479	60	1741	123	3447
3:00	9	386			14	405				
3:15	11	452			12	443				
3:30	18	454			17	477				
3:45	22	456	60	1748	17	467	60	1792	120	3540
4:00	20	529			11	422				
4:15	21	440			14	458				
4:30	21	517			20	520				
4:45	38	407	100	1893	32	467	77	1867	177	3760
5:00	57	528			39	498				
5:15	45	541			63	460				
5:30	63	576			70	464				
5:45	70	435	235	2080	127	534	299	1956	534	4036
6:00	79	420			127	554				
6:15	103	373			145	480				
6:30	136	401			194	481				
6:45	140	343	458	1537	266	541	732	2056	1190	3593
7:00	159	361			285	416				
7:15	244	354			354	375				
7:30	296	300			446	346				
7:45	316	318	1015	1333	575	367	1660	1504	2675	2837
8:00	380	308			610	278				
8:15	408	272			616	337				
8:30	410	237			568	291				
8:45	394	238	1592	1055	615	301	2409	1207	4001	2262
9:00	283	221			507	227				
9:15	326	229			452	247				
9:30	278	188			433	203				
9:45	346	158	1233	796	447	187	1839	864	3072	1660
10:00	320	149			385	159				
10:15	306	101			396	159				
10:30	294	127			412	141				
10:45	326	100	1246	477	412	116	1605	575	2851	1052
11:00	355	82			386	92				
11:15	340	82			435	87				
11:30	371	64			424	72				
11:45	391	64	1457	292	449	86	1694	337	3151	629
Totals	7738	16090			10739	17491				
Combined Totals		23828				28230				
ADT										52058
AM Peak Hour	800	AM			800	AM				
Volume	1592				2409					
P.H.F.	0.971				0.978					
PM Peak Hour		500	PM			600	PM			
Volume		2080				2056				
P.H.F.		0.903				0.928				
Percentage	32.5%	67.5%			38.0%	62.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

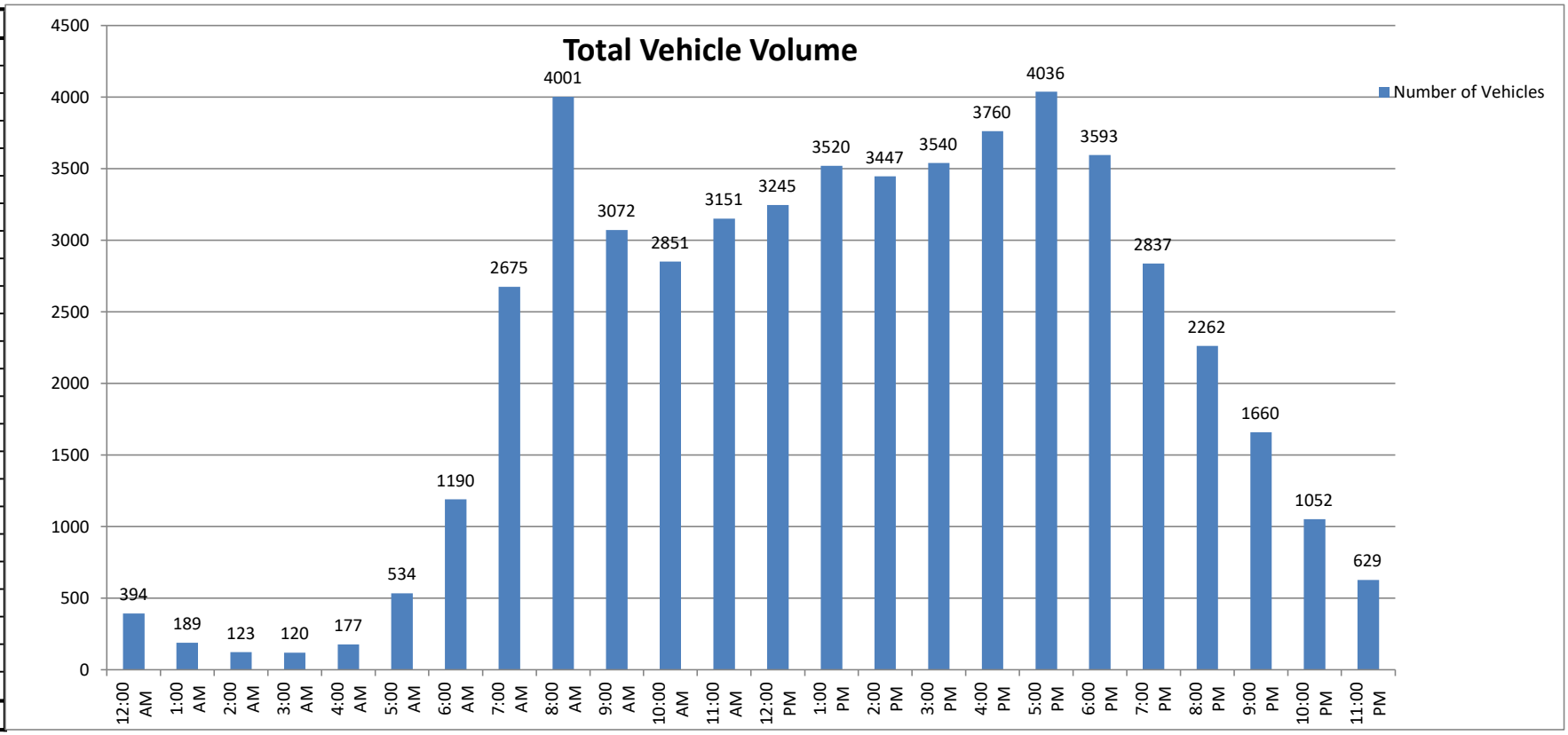
24 Hour Volume Plot

Culver Drive

B/ Michelson Drive - Southbound Interstate 405

12/6/2023

Start Time	12/6/2023
12:00 AM	394
1:00 AM	189
2:00 AM	123
3:00 AM	120
4:00 AM	177
5:00 AM	534
6:00 AM	1190
7:00 AM	2675
8:00 AM	4001
9:00 AM	3072
10:00 AM	2851
11:00 AM	3151
12:00 PM	3245
1:00 PM	3520
2:00 PM	3447
3:00 PM	3540
4:00 PM	3760
5:00 PM	4036
6:00 PM	3593
7:00 PM	2837
8:00 PM	2262
9:00 PM	1660
10:00 PM	1052
11:00 PM	629
Total	52058



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 114
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	63	360			69	436				
12:15	48	391			59	450				
12:30	41	359			42	446				
12:45	43	353	194	1462	40	450	209	1781	403	3243
1:00	34	431			26	426				
1:15	25	381			28	433				
1:30	21	405			17	483				
1:45	19	394	99	1610	25	480	95	1821	194	3430
2:00	17	427			17	441				
2:15	22	457			15	421				
2:30	15	454			18	393				
2:45	18	415	70	1751	15	470	64	1723	134	3474
3:00	12	401			11	439				
3:15	14	431			11	498				
3:30	13	458			15	480				
3:45	17	462	55	1751	15	505	51	1921	106	3672
4:00	20	533			11	468				
4:15	22	477			14	485				
4:30	22	510			23	540				
4:45	36	430	100	1949	26	485	74	1978	173	3927
5:00	50	544			38	483				
5:15	52	554			66	486				
5:30	65	547			71	505				
5:45	64	439	230	2083	132	554	306	2027	536	4110
6:00	84	429			114	556				
6:15	99	383			150	525				
6:30	141	399			189	529				
6:45	144	356	467	1566	254	509	706	2118	1173	3684
7:00	163	364			280	434				
7:15	243	382			349	394				
7:30	288	301			447	353				
7:45	316	335	1009	1381	558	376	1633	1556	2641	2937
8:00	382	313			582	290				
8:15	400	281			580	360				
8:30	417	241			559	317				
8:45	384	234	1582	1069	593	300	2313	1266	3894	2335
9:00	287	223			513	231				
9:15	321	229			450	240				
9:30	294	180			430	192				
9:45	349	156	1250	788	432	192	1824	855	3074	1642
10:00	320	128			400	171				
10:15	298	118			394	156				
10:30	302	120			428	131				
10:45	319	102	1238	468	418	107	1639	563	2877	1031
11:00	353	92			376	103				
11:15	339	80			410	93				
11:30	352	64			407	87				
11:45	377	63	1420	299	422	79	1615	362	3035	660
Totals	7711	16174			10527	17968				
Combined Totals		23885				28495				
ADT										52380
AM Peak Hour	800	AM			800	AM				
Volume	1582				2313					
P.H.F.	0.949				0.976					
PM Peak Hour		500	PM			545	PM			
Volume		2083				2163				
P.H.F.		0.941				0.973				
Percentage	32.3%	67.7%			36.9%	63.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Portola Parkway - Settlers

File Name 131
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	118			6	143				
12:15	10	129			4	136				
12:30	4	141			2	116				
12:45	8	127	32	515	3	127	15	522	47	1037
1:00	5	152			4	197				
1:15	4	153			1	175				
1:30	1	188			3	153				
1:45	3	220	13	713	1	278	9	803	22	1516
2:00	4	126			1	209				
2:15	5	129			3	157				
2:30	0	143			2	230				
2:45	3	138	12	536	0	183	6	779	18	1315
3:00	3	134			1	184				
3:15	0	142			1	162				
3:30	0	143			1	171				
3:45	0	170	3	589	2	144	5	661	8	1250
4:00	2	157			6	165				
4:15	0	175			3	165				
4:30	0	152			5	124				
4:45	4	173	6	657	6	161	20	615	26	1272
5:00	3	186			10	135				
5:15	3	190			15	136				
5:30	2	206			15	140				
5:45	10	178	18	760	21	122	61	533	79	1293
6:00	16	174			38	149				
6:15	27	182			39	112				
6:30	35	160			56	103				
6:45	75	138	153	654	68	95	201	459	354	1113
7:00	58	136			143	82				
7:15	80	162			146	71				
7:30	216	125			261	57				
7:45	330	128	684	551	430	60	980	270	1664	821
8:00	196	117			452	80				
8:15	106	105			256	61				
8:30	140	67			175	37				
8:45	117	86	559	375	162	38	1045	216	1604	591
9:00	101	78			172	36				
9:15	113	88			116	22				
9:30	99	49			129	25				
9:45	81	57	394	272	129	24	546	107	940	379
10:00	86	42			141	13				
10:15	71	31			126	26				
10:30	90	36			135	15				
10:45	85	27	332	136	142	15	544	69	876	205
11:00	106	11			117	11				
11:15	98	27			124	7				
11:30	110	15			155	5				
11:45	114	8	428	61	125	8	521	31	949	92
Totals	2634	5819			3953	5065				
Combined Totals		8453				9018				
ADT										17471
AM Peak Hour	730	AM			730	AM				
Volume	848				1399					
P.H.F.	0.642				0.774					
PM Peak Hour		500	PM			145	PM			
Volume		760				874				
P.H.F.		0.922				0.786				
Percentage	31.2%	68.8%			43.8%	56.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

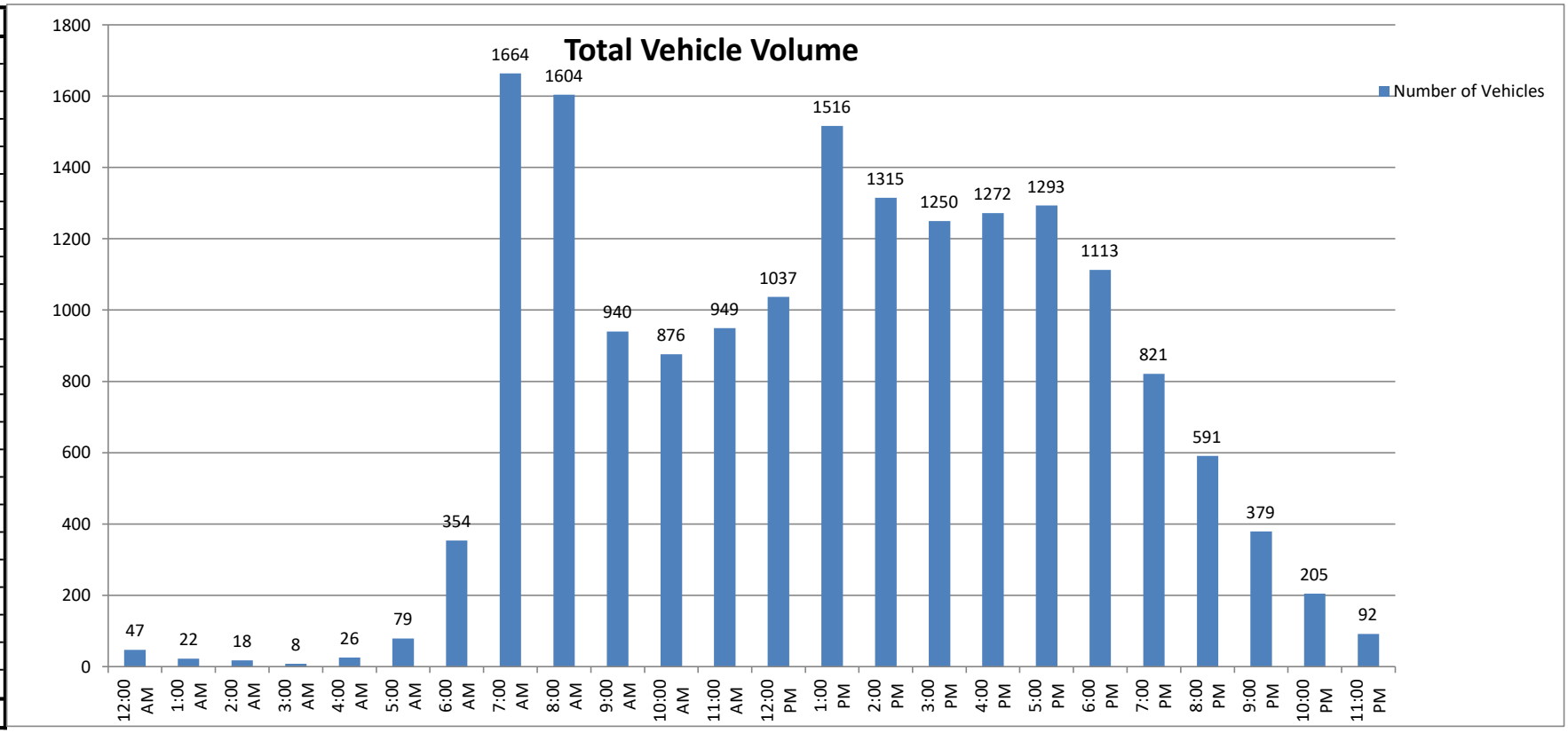
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Portola Parkway - Settlers

12/6/2023

Start Time	12/6/2023
12:00 AM	47
1:00 AM	22
2:00 AM	18
3:00 AM	8
4:00 AM	26
5:00 AM	79
6:00 AM	354
7:00 AM	1664
8:00 AM	1604
9:00 AM	940
10:00 AM	876
11:00 AM	949
12:00 PM	1037
1:00 PM	1516
2:00 PM	1315
3:00 PM	1250
4:00 PM	1272
5:00 PM	1293
6:00 PM	1113
7:00 PM	821
8:00 PM	591
9:00 PM	379
10:00 PM	205
11:00 PM	92
Total	17471



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Portola Parkway - Settlers

File Name 131
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/7/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	104			6	121				
12:15	8	93			3	122				
12:30	7	127			2	109				
12:45	6	112	37	436	1	94	12	446	49	882
1:00	3	140			1	91				
1:15	2	134			2	106				
1:30	2	120			3	136				
1:45	2	157	9	551	0	131	6	464	15	1015
2:00	7	150			1	129				
2:15	3	157			4	219				
2:30	3	175			2	241				
2:45	4	246	17	728	0	330	7	919	24	1647
3:00	3	162			0	236				
3:15	3	154			3	159				
3:30	0	156			0	178				
3:45	0	188	6	660	2	181	5	754	11	1414
4:00	0	151			3	181				
4:15	2	168			2	156				
4:30	1	176			9	145				
4:45	4	181	7	676	11	118	25	600	32	1276
5:00	0	213			6	136				
5:15	1	184			11	166				
5:30	7	165			18	163				
5:45	8	170	16	732	23	133	58	598	74	1330
6:00	21	146			29	142				
6:15	19	207			36	119				
6:30	37	183			48	114				
6:45	62	162	139	698	62	110	175	485	314	1183
7:00	74	117			134	95				
7:15	88	155			148	91				
7:30	199	128			257	67				
7:45	305	112	666	512	434	53	973	306	1639	818
8:00	184	84			472	52				
8:15	149	122			225	43				
8:30	159	82			163	52				
8:45	130	93	622	381	160	29	1020	176	1642	557
9:00	90	81			137	36				
9:15	103	77			140	34				
9:30	96	80			140	34				
9:45	93	68	382	306	134	20	551	124	933	430
10:00	86	58			131	18				
10:15	87	37			113	24				
10:30	69	41			143	21				
10:45	85	34	327	170	121	10	508	73	835	243
11:00	88	33			128	17				
11:15	85	27			136	10				
11:30	97	11			132	10				
11:45	97	13	367	84	152	6	548	43	915	127
Totals	2595	5934			3888	4988				
Combined Totals		8529				8876				
ADT										17405
AM Peak Hour	730 AM				730 AM					
Volume	837				1388					
P.H.F.	0.686				0.735					
PM Peak Hour		430 PM				215 PM				
Volume		754				1026				
P.H.F.		0.885				0.777				
Percentage	30.4%	69.6%			43.8%	56.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

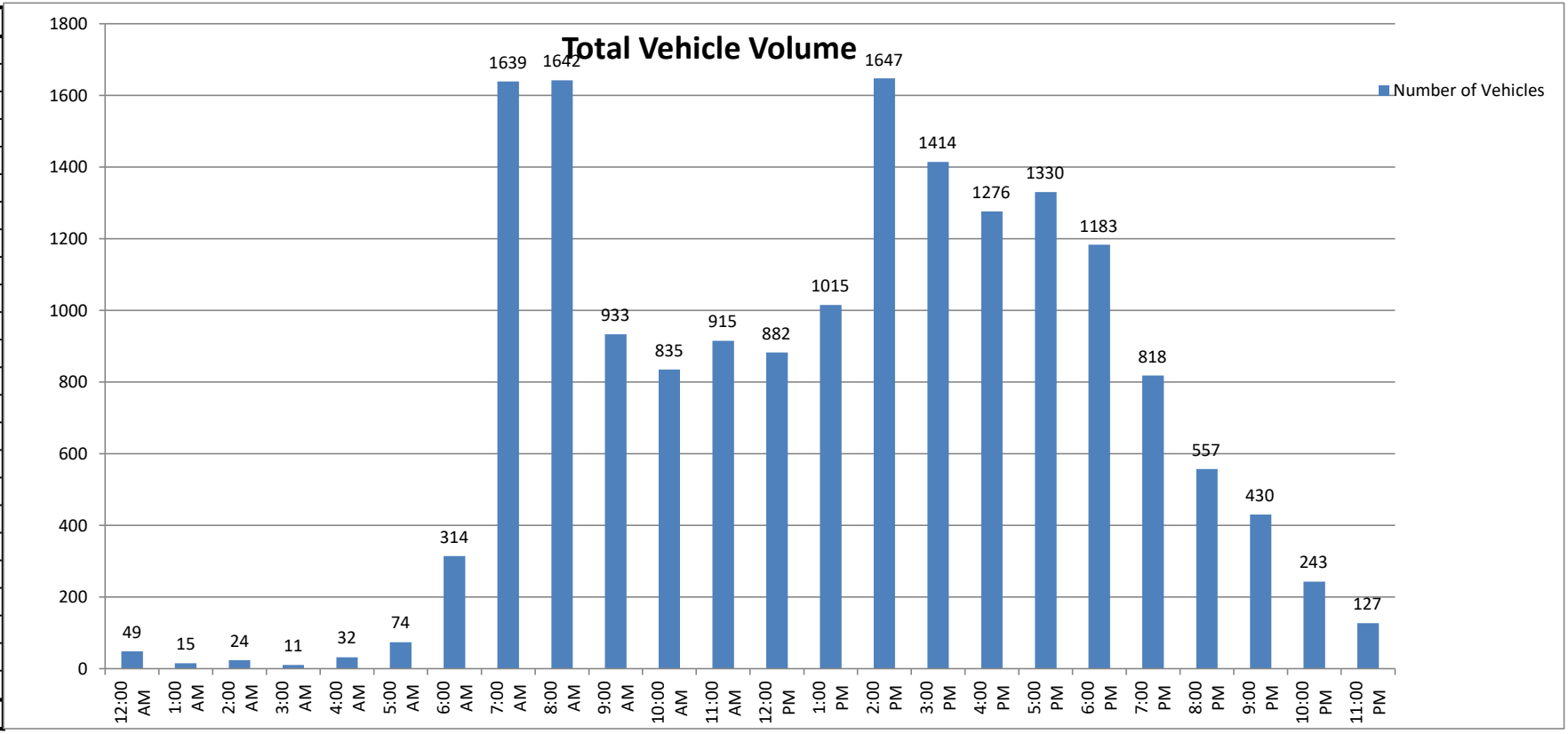
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Portola Parkway - Settlers

12/7/2023

Start Time	12/7/2023
12:00 AM	49
1:00 AM	15
2:00 AM	24
3:00 AM	11
4:00 AM	32
5:00 AM	74
6:00 AM	314
7:00 AM	1639
8:00 AM	1642
9:00 AM	933
10:00 AM	835
11:00 AM	915
12:00 PM	882
1:00 PM	1015
2:00 PM	1647
3:00 PM	1414
4:00 PM	1276
5:00 PM	1330
6:00 PM	1183
7:00 PM	818
8:00 PM	557
9:00 PM	430
10:00 PM	243
11:00 PM	127
Total	17405



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Portola Parkway - Settlers

File Name 131
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	111			6	132				
12:15	9	111			4	129				
12:30	6	134			2	113				
12:45	7	120	35	476	2	111	14	484	48	960
1:00	4	146			3	144				
1:15	3	144			2	141				
1:30	2	154			3	145				
1:45	3	189	11	632	1	205	8	634	19	1266
2:00	6	138			1	169				
2:15	4	143			4	188				
2:30	2	159			2	236				
2:45	4	192	15	632	0	257	7	849	21	1481
3:00	3	148			1	210				
3:15	2	148			2	161				
3:30	0	150			1	175				
3:45	0	179	5	625	2	163	5	708	10	1332
4:00	1	154			5	173				
4:15	1	172			3	161				
4:30	1	164			7	135				
4:45	4	177	7	667	9	140	23	608	29	1274
5:00	2	200			8	136				
5:15	2	187			13	151				
5:30	5	186			17	152				
5:45	9	174	17	746	22	128	60	566	77	1312
6:00	19	160			34	146				
6:15	23	195			38	116				
6:30	36	172			52	109				
6:45	69	150	146	676	65	103	188	472	334	1148
7:00	66	127			139	89				
7:15	84	159			147	81				
7:30	208	127			259	62				
7:45	318	120	675	532	432	57	977	288	1652	820
8:00	190	101			462	66				
8:15	128	114			241	52				
8:30	150	75			169	45				
8:45	124	90	591	378	161	34	1033	196	1623	574
9:00	96	80			155	36				
9:15	108	83			128	28				
9:30	98	65			135	30				
9:45	87	63	388	289	132	22	549	116	937	405
10:00	86	50			136	16				
10:15	79	34			120	25				
10:30	80	39			139	18				
10:45	85	31	330	153	132	13	526	71	856	224
11:00	97	22			123	14				
11:15	92	27			130	9				
11:30	104	13			144	8				
11:45	106	11	398	73	139	7	535	37	932	110
Totals	2615	5877			3921	5027				
Combined Totals		8491				8947				
ADT										17438
AM Peak Hour	730	AM			730	AM				
Volume	843				1394					
P.H.F.	0.663				0.754					
PM Peak Hour		445	PM			215	PM			
Volume		749				890				
P.H.F.		0.939				0.867				
Percentage	30.8%	69.2%			43.8%	56.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ San Leandro - Main Street

File Name 115
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	353			36	371				
12:15	36	379			23	385				
12:30	30	346			34	435				
12:45	25	364	133	1442	21	393	114	1584	247	3026
1:00	14	392			16	349				
1:15	9	370			12	463				
1:30	20	379			14	424				
1:45	9	429	52	1570	13	426	55	1662	107	3232
2:00	11	431			13	361				
2:15	17	466			12	430				
2:30	15	463			9	399				
2:45	11	435	54	1795	10	458	44	1648	98	3443
3:00	11	441			6	414				
3:15	7	512			4	500				
3:30	5	449			16	401				
3:45	4	521	27	1923	12	480	38	1795	65	3718
4:00	8	528			23	406				
4:15	16	550			20	480				
4:30	8	519			29	458				
4:45	33	569	65	2166	29	414	101	1758	166	3924
5:00	22	541			53	405				
5:15	33	582			71	528				
5:30	39	557			86	512				
5:45	50	529	144	2209	136	451	346	1896	490	4105
6:00	64	533			111	406				
6:15	78	512			151	506				
6:30	85	458			201	401				
6:45	111	404	338	1907	263	366	726	1679	1064	3586
7:00	138	381			294	405				
7:15	178	398			411	307				
7:30	231	294			580	302				
7:45	288	331	835	1404	613	275	1898	1289	2733	2693
8:00	344	304			631	275				
8:15	333	279			593	256				
8:30	308	267			564	263				
8:45	336	225	1321	1075	595	201	2383	995	3704	2070
9:00	296	202			433	221				
9:15	256	205			463	165				
9:30	273	171			455	148				
9:45	287	149	1112	727	415	147	1766	681	2878	1408
10:00	272	119			391	167				
10:15	291	128			363	96				
10:30	283	107			401	100				
10:45	351	84	1197	438	374	75	1529	438	2726	876
11:00	296	85			402	78				
11:15	330	72			351	70				
11:30	341	59			356	54				
11:45	339	44	1306	260	350	35	1459	237	2765	497
Totals	6584	16916			10459	15662				
Combined Totals		23500				26121				
ADT										49621
AM Peak Hour	800	AM			730	AM				
Volume	1321				2417					
P.H.F.	0.960				0.958					
PM Peak Hour		445	PM			515	PM			
Volume		2249				1897				
P.H.F.		0.966				0.898				
Percentage	28.0%	72.0%			40.0%	60.0%				

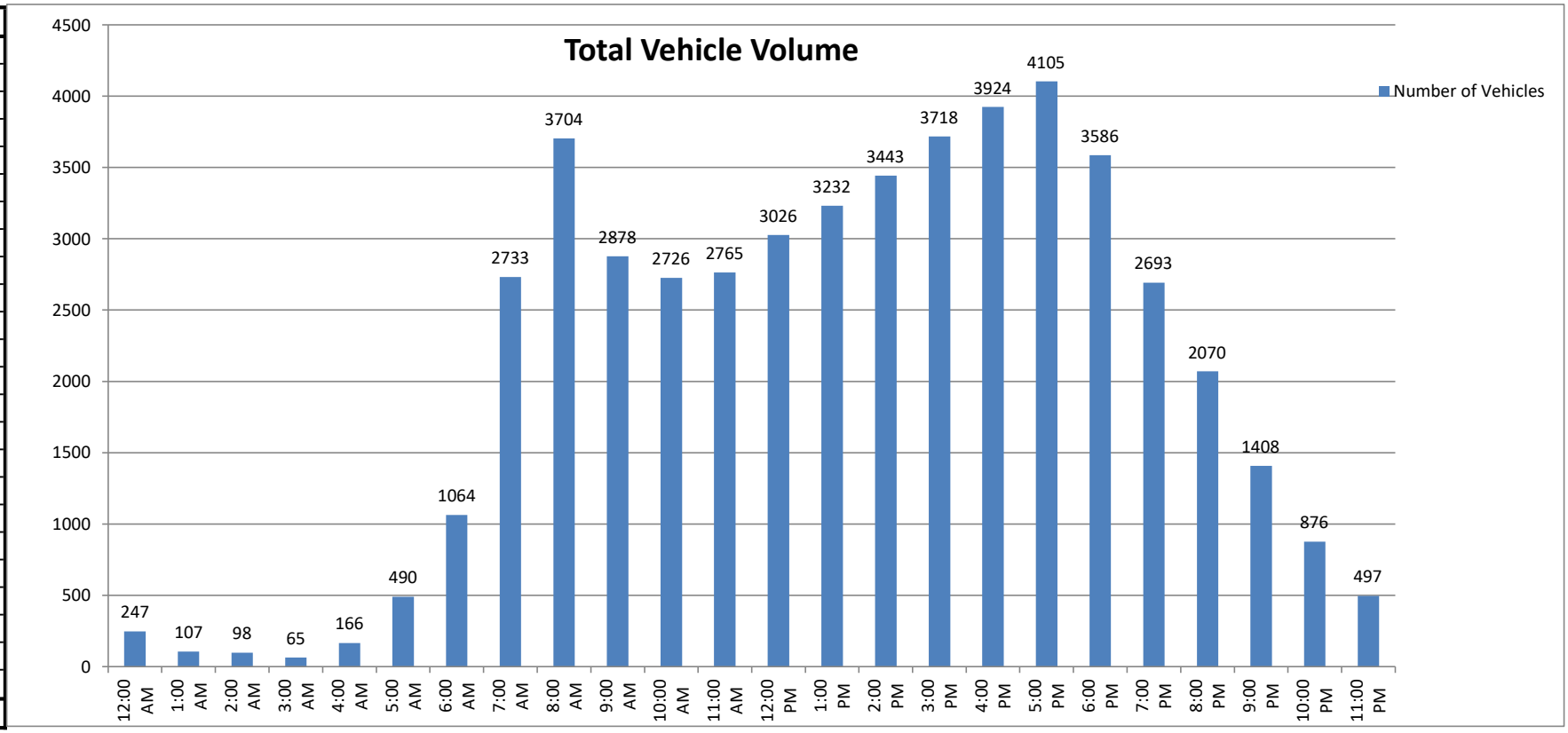
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ San Leandro - Main Street
12/5/2023

Start Time	12/5/2023
12:00 AM	247
1:00 AM	107
2:00 AM	98
3:00 AM	65
4:00 AM	166
5:00 AM	490
6:00 AM	1064
7:00 AM	2733
8:00 AM	3704
9:00 AM	2878
10:00 AM	2726
11:00 AM	2765
12:00 PM	3026
1:00 PM	3232
2:00 PM	3443
3:00 PM	3718
4:00 PM	3924
5:00 PM	4105
6:00 PM	3586
7:00 PM	2693
8:00 PM	2070
9:00 PM	1408
10:00 PM	876
11:00 PM	497
Total	49621



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Culver Drive
B/ San Leandro - Main Street

File Name 115
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	47	367			40	373				
12:15	44	394			26	368				
12:30	31	344			21	413				
12:45	24	430	146	1535	19	412	106	1566	252	3101
1:00	18	409			21	409				
1:15	15	425			20	405				
1:30	17	382			11	379				
1:45	18	438	68	1654	9	451	61	1644	129	3298
2:00	8	387			6	392				
2:15	13	431			9	384				
2:30	11	448			10	438				
2:45	10	407	42	1673	12	417	37	1631	79	3304
3:00	5	434			9	368				
3:15	7	510			5	447				
3:30	9	426			14	404				
3:45	10	548	31	1918	10	434	38	1653	69	3571
4:00	12	550			24	344				
4:15	14	591			23	449				
4:30	12	512			31	374				
4:45	23	583	61	2236	42	394	120	1561	181	3797
5:00	29	523			49	430				
5:15	24	570			72	486				
5:30	41	538			91	394				
5:45	45	570	139	2201	128	468	340	1778	479	3979
6:00	62	494			106	412				
6:15	67	522			157	381				
6:30	84	423			214	397				
6:45	103	439	316	1878	250	428	727	1618	1043	3496
7:00	141	357			313	339				
7:15	197	375			430	311				
7:30	239	297			561	328				
7:45	295	329	872	1358	571	280	1875	1258	2747	2616
8:00	336	318			584	245				
8:15	320	309			620	276				
8:30	334	244			606	242				
8:45	327	252	1317	1123	606	236	2416	999	3733	2122
9:00	272	225			476	180				
9:15	254	264			488	192				
9:30	269	211			445	147				
9:45	293	157	1088	857	408	141	1817	660	2905	1517
10:00	257	153			378	134				
10:15	294	113			362	135				
10:30	273	104			424	92				
10:45	306	95	1130	465	375	76	1539	437	2669	902
11:00	340	75			411	63				
11:15	353	64			404	62				
11:30	347	51			382	34				
11:45	381	53	1421	243	349	33	1546	192	2967	435
Totals	6631	17141			10622	14997				
Combined Totals		23772				25619				
ADT										49391
AM Peak Hour	1100	AM			800	AM				
Volume	1421				2416					
P.H.F.	0.932				0.974					
PM Peak Hour		400	PM			500	PM			
Volume		2236				1778				
P.H.F.		0.946				0.915				
Percentage	27.9%	72.1%			41.5%	58.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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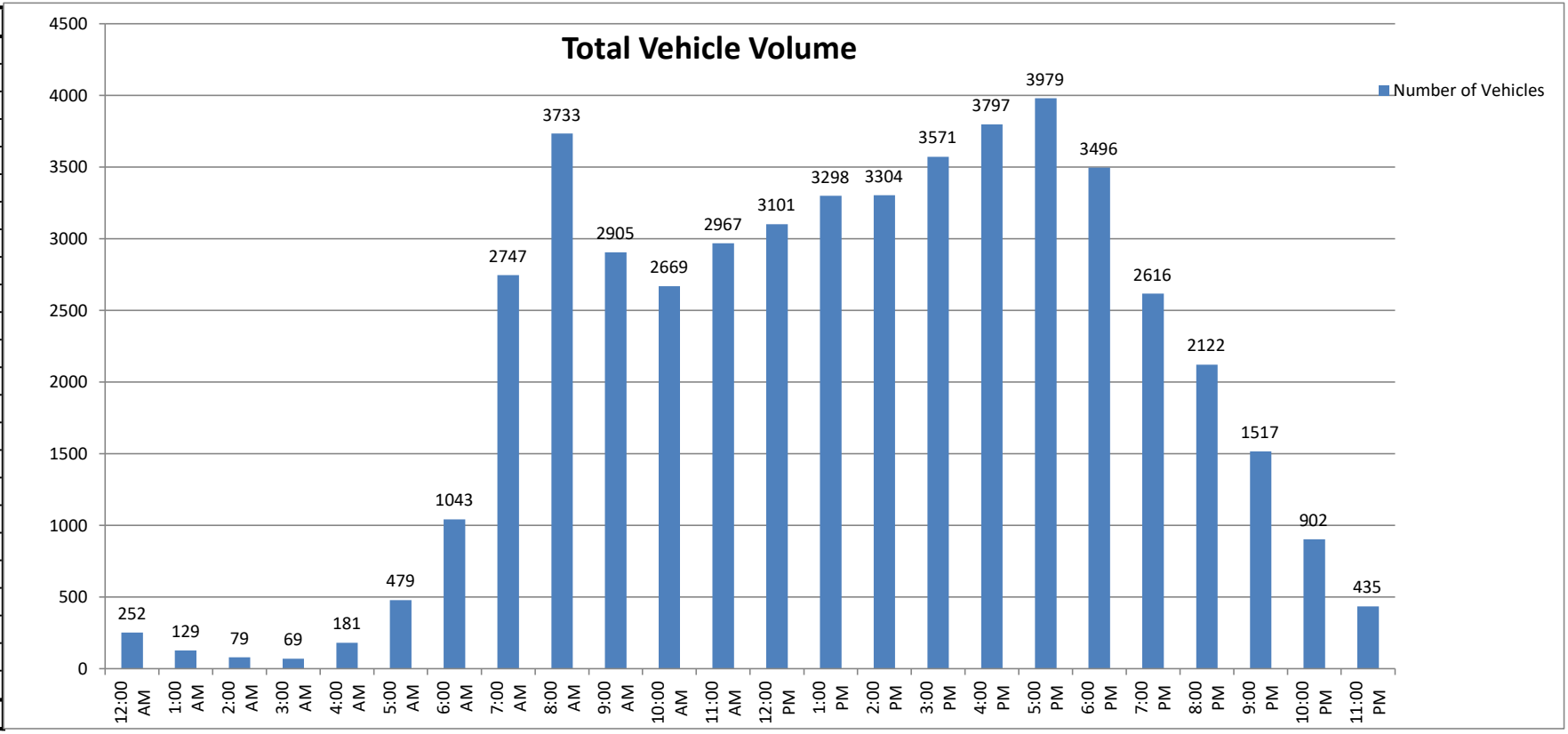
24 Hour Volume Plot

Culver Drive
B/ San Leandro - Main Street
12/6/2023

Start Time	12/6/2023
12:00 AM	252
1:00 AM	129
2:00 AM	79
3:00 AM	69
4:00 AM	181
5:00 AM	479
6:00 AM	1043
7:00 AM	2747
8:00 AM	3733
9:00 AM	2905
10:00 AM	2669
11:00 AM	2967
12:00 PM	3101
1:00 PM	3298
2:00 PM	3304
3:00 PM	3571
4:00 PM	3797
5:00 PM	3979
6:00 PM	3496
7:00 PM	2616
8:00 PM	2122
9:00 PM	1517
10:00 PM	902
11:00 PM	435
Total	49391



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ San Leandro - Main Street

File Name 115
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	45	360			38	372				
12:15	40	387			25	377				
12:30	31	345			28	424				
12:45	25	397	140	1489	20	403	110	1575	250	3064
1:00	16	401			19	379				
1:15	12	398			16	434				
1:30	19	381			13	402				
1:45	14	434	60	1612	11	439	58	1653	118	3265
2:00	10	409			10	377				
2:15	15	449			11	407				
2:30	13	456			10	419				
2:45	11	421	48	1734	11	438	41	1640	89	3374
3:00	8	438			8	391				
3:15	7	511			5	474				
3:30	7	438			15	403				
3:45	7	535	29	1921	11	457	38	1724	67	3645
4:00	10	539			24	375				
4:15	15	571			22	465				
4:30	10	516			30	416				
4:45	28	576	63	2201	36	404	111	1660	174	3861
5:00	26	532			51	418				
5:15	29	576			72	507				
5:30	40	548			89	453				
5:45	48	550	142	2205	132	460	343	1837	485	4042
6:00	63	514			109	409				
6:15	73	517			154	444				
6:30	85	441			208	399				
6:45	107	422	327	1893	257	397	727	1649	1054	3541
7:00	140	369			304	372				
7:15	188	387			421	309				
7:30	235	296			571	315				
7:45	292	330	854	1381	592	278	1887	1274	2740	2655
8:00	340	311			608	260				
8:15	327	294			607	266				
8:30	321	256			585	253				
8:45	332	239	1319	1099	601	219	2400	997	3719	2096
9:00	284	214			455	201				
9:15	255	235			476	179				
9:30	271	191			450	148				
9:45	290	153	1100	792	412	144	1792	671	2892	1463
10:00	265	136			385	151				
10:15	293	121			363	116				
10:30	278	106			413	96				
10:45	329	90	1164	452	375	76	1534	438	2698	889
11:00	318	80			407	71				
11:15	342	68			378	66				
11:30	344	55			369	44				
11:45	360	49	1364	252	350	34	1503	215	2866	466
Totals	6608	17029			10541	15330				
Combined Totals		23636				25870				
ADT										49506
AM Peak Hour	1100	AM			800	AM				
Volume	1364				2400					
P.H.F.	0.947				0.987					
PM Peak Hour		445	PM			500	PM			
Volume		2232				1837				
P.H.F.		0.969				0.906				
Percentage	28.0%	72.0%			40.7%	59.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Sandburg Way - Michelson Drive

File Name 113
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	67	286			44	319				
12:15	46	335			46	316				
12:30	39	325			38	318				
12:45	34	325	186	1271	32	307	160	1260	346	2531
1:00	27	384			15	280				
1:15	26	282			24	314				
1:30	24	324			20	348				
1:45	11	380	88	1370	20	313	79	1255	167	2625
2:00	16	469			13	280				
2:15	19	457			13	288				
2:30	17	469			11	269				
2:45	17	385	69	1780	13	298	50	1135	119	2915
3:00	11	361			8	335				
3:15	9	378			9	373				
3:30	8	522			11	303				
3:45	7	506	35	1767	9	337	37	1348	72	3115
4:00	11	525			7	287				
4:15	15	435			7	348				
4:30	15	488			15	310				
4:45	24	431	65	1879	11	328	40	1273	105	3152
5:00	33	498			27	266				
5:15	37	552			39	312				
5:30	36	453			50	326				
5:45	34	375	140	1878	93	357	209	1261	349	3139
6:00	51	361			72	321				
6:15	62	377			113	368				
6:30	90	335			133	343				
6:45	90	323	293	1396	197	315	515	1347	808	2743
7:00	122	404			183	226				
7:15	167	355			251	275				
7:30	166	287			374	221				
7:45	268	292	723	1338	374	240	1182	962	1905	2300
8:00	315	295			449	172				
8:15	448	272			402	210				
8:30	382	206			403	219				
8:45	308	186	1453	959	377	192	1631	793	3084	1752
9:00	216	174			386	174				
9:15	267	193			326	184				
9:30	289	140			342	137				
9:45	322	111	1094	618	275	155	1329	650	2423	1268
10:00	248	97			298	137				
10:15	277	111			260	104				
10:30	241	85			338	95				
10:45	334	93	1100	386	316	79	1212	415	2312	801
11:00	286	73			284	102				
11:15	271	66			275	81				
11:30	288	50			264	83				
11:45	304	58	1149	247	283	55	1106	321	2255	568
Totals	6395	14889			7550	12020				
Combined Totals		21284				19570				
ADT										40854
AM Peak Hour	800	AM			800	AM				
Volume	1453				1631					
P.H.F.	0.811				0.908					
PM Peak Hour		330	PM			545	PM			
Volume		1988				1389				
P.H.F.		0.947				0.944				
Percentage	30.0%	70.0%			38.6%	61.4%				

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Counts Unlimited, Inc.
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Corona, CA 92878

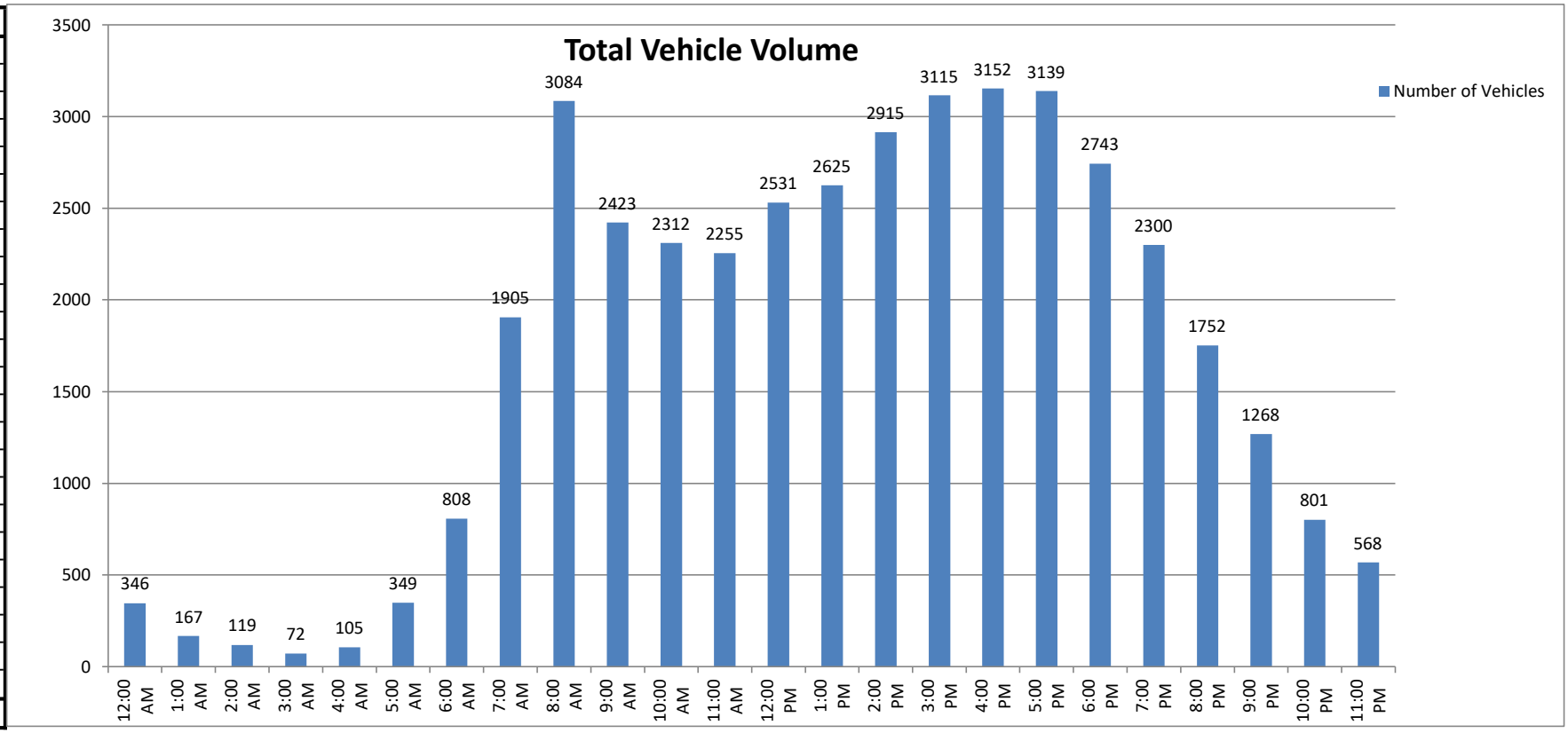
24 Hour Volume Plot

Culver Drive

B/ Sandburg Way - Michelson Drive

12/5/2023

Start Time	12/5/2023
12:00 AM	346
1:00 AM	167
2:00 AM	119
3:00 AM	72
4:00 AM	105
5:00 AM	349
6:00 AM	808
7:00 AM	1905
8:00 AM	3084
9:00 AM	2423
10:00 AM	2312
11:00 AM	2255
12:00 PM	2531
1:00 PM	2625
2:00 PM	2915
3:00 PM	3115
4:00 PM	3152
5:00 PM	3139
6:00 PM	2743
7:00 PM	2300
8:00 PM	1752
9:00 PM	1268
10:00 PM	801
11:00 PM	568
Total	40854



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counts@countsunlimited.com
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City of Irvine
Culver Drive
B/ Sandburg Way - Michelson Drive

File Name 113
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	56	328			64	313				
12:15	33	371			46	298				
12:30	37	279			28	330				
12:45	40	322	166	1300	29	305	167	1246	333	2546
1:00	28	408			13	303				
1:15	17	357			30	272				
1:30	17	420			11	328				
1:45	21	327	83	1512	13	384	67	1287	150	2799
2:00	15	429			8	308				
2:15	15	434			12	286				
2:30	9	462			12	259				
2:45	15	356	54	1681	9	316	41	1169	95	2850
3:00	11	358			13	267				
3:15	8	433			11	305				
3:30	10	400			9	309				
3:45	13	445	42	1636	15	370	48	1251	90	2887
4:00	11	466			11	269				
4:15	13	378			7	316				
4:30	11	448			12	335				
4:45	24	335	59	1627	23	343	53	1263	112	2890
5:00	39	461			23	310				
5:15	31	504			37	311				
5:30	35	486			38	323				
5:45	43	390	148	1841	79	328	177	1272	325	3113
6:00	49	327			88	333				
6:15	75	283			96	314				
6:30	88	297			148	317				
6:45	100	218	312	1125	196	351	528	1315	840	2440
7:00	119	331			209	268				
7:15	143	272			240	293				
7:30	183	246			346	211				
7:45	299	244	744	1093	371	293	1166	1065	1910	2158
8:00	301	235			461	210				
8:15	403	241			406	233				
8:30	441	198			418	225				
8:45	303	219	1448	893	370	180	1655	848	3103	1741
9:00	244	169			326	169				
9:15	303	184			281	185				
9:30	246	148			295	148				
9:45	289	136	1082	637	264	143	1166	645	2248	1282
10:00	251	98			238	135				
10:15	255	81			266	116				
10:30	246	105			285	92				
10:45	322	82	1074	366	303	97	1092	440	2166	806
11:00	272	76			266	64				
11:15	285	73			301	72				
11:30	260	54			316	59				
11:45	340	63	1157	266	309	63	1192	258	2349	524
Totals	6369	13977			7352	12059				
Combined Totals		20346				19411				
ADT										39757
AM Peak Hour	800	AM			745	AM				
Volume	1448				1656					
P.H.F.	0.821				0.898					
PM Peak Hour		500	PM			600	PM			
Volume		1841				1315				
P.H.F.		0.913				0.937				
Percentage	31.3%	68.7%			37.9%	62.1%				

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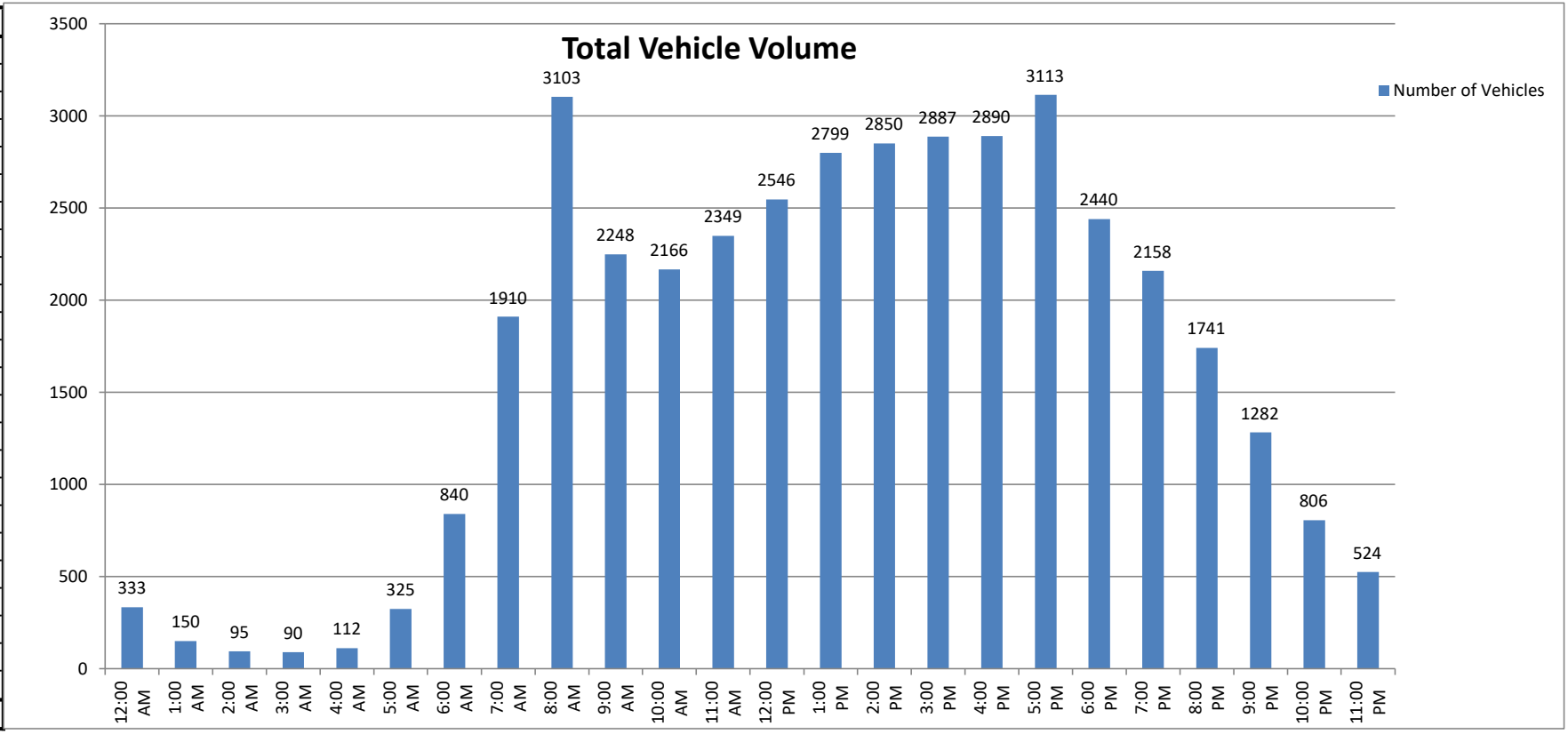
24 Hour Volume Plot

Culver Drive

B/ Sandburg Way - Michelson Drive

12/6/2023

Start Time	12/6/2023
12:00 AM	333
1:00 AM	150
2:00 AM	95
3:00 AM	90
4:00 AM	112
5:00 AM	325
6:00 AM	840
7:00 AM	1910
8:00 AM	3103
9:00 AM	2248
10:00 AM	2166
11:00 AM	2349
12:00 PM	2546
1:00 PM	2799
2:00 PM	2850
3:00 PM	2887
4:00 PM	2890
5:00 PM	3113
6:00 PM	2440
7:00 PM	2158
8:00 PM	1741
9:00 PM	1282
10:00 PM	806
11:00 PM	524
Total	39757



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City of Irvine
Culver Drive
B/ Sandburg Way - Michelson Drive

File Name 113
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	62	307			54	316				
12:15	40	353			46	307				
12:30	38	302			33	324				
12:45	37	324	176	1286	31	306	164	1253	340	2539
1:00	28	396			14	292				
1:15	22	320			27	293				
1:30	21	372			16	338				
1:45	16	354	86	1441	17	349	73	1271	159	2712
2:00	16	449			11	294				
2:15	17	446			13	287				
2:30	13	466			12	264				
2:45	16	371	62	1731	11	307	46	1152	107	2883
3:00	11	360			11	301				
3:15	9	406			10	339				
3:30	9	461			10	306				
3:45	10	476	39	1702	12	354	43	1300	81	3001
4:00	11	496			9	278				
4:15	14	407			7	332				
4:30	13	468			14	323				
4:45	24	383	62	1753	17	336	47	1268	109	3021
5:00	36	480			25	288				
5:15	34	528			38	312				
5:30	36	470			44	325				
5:45	39	383	144	1860	86	343	193	1267	337	3126
6:00	50	344			80	327				
6:15	69	330			105	341				
6:30	89	316			141	330				
6:45	95	271	303	1261	197	333	522	1331	824	2592
7:00	121	368			196	247				
7:15	155	314			246	284				
7:30	175	267			360	216				
7:45	284	268	734	1216	373	267	1174	1014	1908	2229
8:00	308	265			455	191				
8:15	426	257			404	222				
8:30	412	202			411	222				
8:45	306	203	1451	926	374	186	1643	821	3094	1747
9:00	230	172			356	172				
9:15	285	189			304	185				
9:30	268	144			319	143				
9:45	306	124	1088	628	270	149	1248	648	2336	1275
10:00	250	98			268	136				
10:15	266	96			263	110				
10:30	244	95			312	94				
10:45	328	88	1087	376	310	88	1152	428	2239	804
11:00	279	75			275	83				
11:15	278	70			288	77				
11:30	274	52			290	71				
11:45	322	61	1153	257	296	59	1149	290	2302	546
Totals	6382	14433			7451	12040				
Combined Totals		20815				19491				
ADT										40306
AM Peak Hour	800	AM			800	AM				
Volume	1451				1643					
P.H.F.	0.852				0.903					
PM Peak Hour		445	PM			545	PM			
Volume		1860				1341				
P.H.F.		0.881				0.978				
Percentage	30.7%	69.3%			38.2%	61.8%				

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City of Irvine
Culver Drive
B/ Southbound Interstate 5 - Trabuco Road

File Name 124
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	69	449			20	287				
12:15	74	512			24	315				
12:30	40	634			15	303				
12:45	44	642	227	2237	9	305	68	1210	295	3447
1:00	43	650			8	311				
1:15	33	665			7	308				
1:30	27	561			7	308				
1:45	17	663	120	2539	7	276	29	1203	149	3742
2:00	20	712			7	316				
2:15	17	687			3	307				
2:30	25	692			10	346				
2:45	17	608	79	2699	4	353	24	1322	103	4021
3:00	18	702			7	340				
3:15	17	783			5	361				
3:30	17	683			6	357				
3:45	14	793	66	2961	6	364	24	1422	90	4383
4:00	12	818			5	357				
4:15	31	773			11	379				
4:30	27	821			15	395				
4:45	37	832	107	3244	26	407	57	1538	164	4782
5:00	45	916			31	401				
5:15	65	935			29	421				
5:30	102	894			41	400				
5:45	97	883	309	3628	72	406	173	1628	482	5256
6:00	149	859			66	354				
6:15	181	891			82	346				
6:30	178	732			105	279				
6:45	249	739	757	3221	185	294	438	1273	1195	4494
7:00	259	666			230	297				
7:15	288	703			345	238				
7:30	344	580			424	210				
7:45	396	543	1287	2492	575	223	1574	968	2861	3460
8:00	422	638			543	156				
8:15	467	450			604	164				
8:30	465	463			566	153				
8:45	422	486	1776	2037	562	144	2275	617	4051	2654
9:00	425	366			368	123				
9:15	506	354			375	115				
9:30	443	324			353	105				
9:45	410	338	1784	1382	347	94	1443	437	3227	1819
10:00	345	264			348	83				
10:15	332	235			288	69				
10:30	349	199			335	50				
10:45	375	161	1401	859	290	46	1261	248	2662	1107
11:00	412	144			308	37				
11:15	421	144			297	49				
11:30	433	88			332	20				
11:45	485	72	1751	448	325	24	1262	130	3013	578
Totals	9664	27747			8628	11996				
Combined Totals		37411				20624				
ADT										58035
AM Peak Hour	830	AM			745	AM				
Volume	1818				2288					
P.H.F.	0.898				0.947					
PM Peak Hour		500	PM			445	PM			
Volume		3628				1629				
P.H.F.		0.970				0.967				
Percentage	25.8%	74.2%			41.8%	58.2%				

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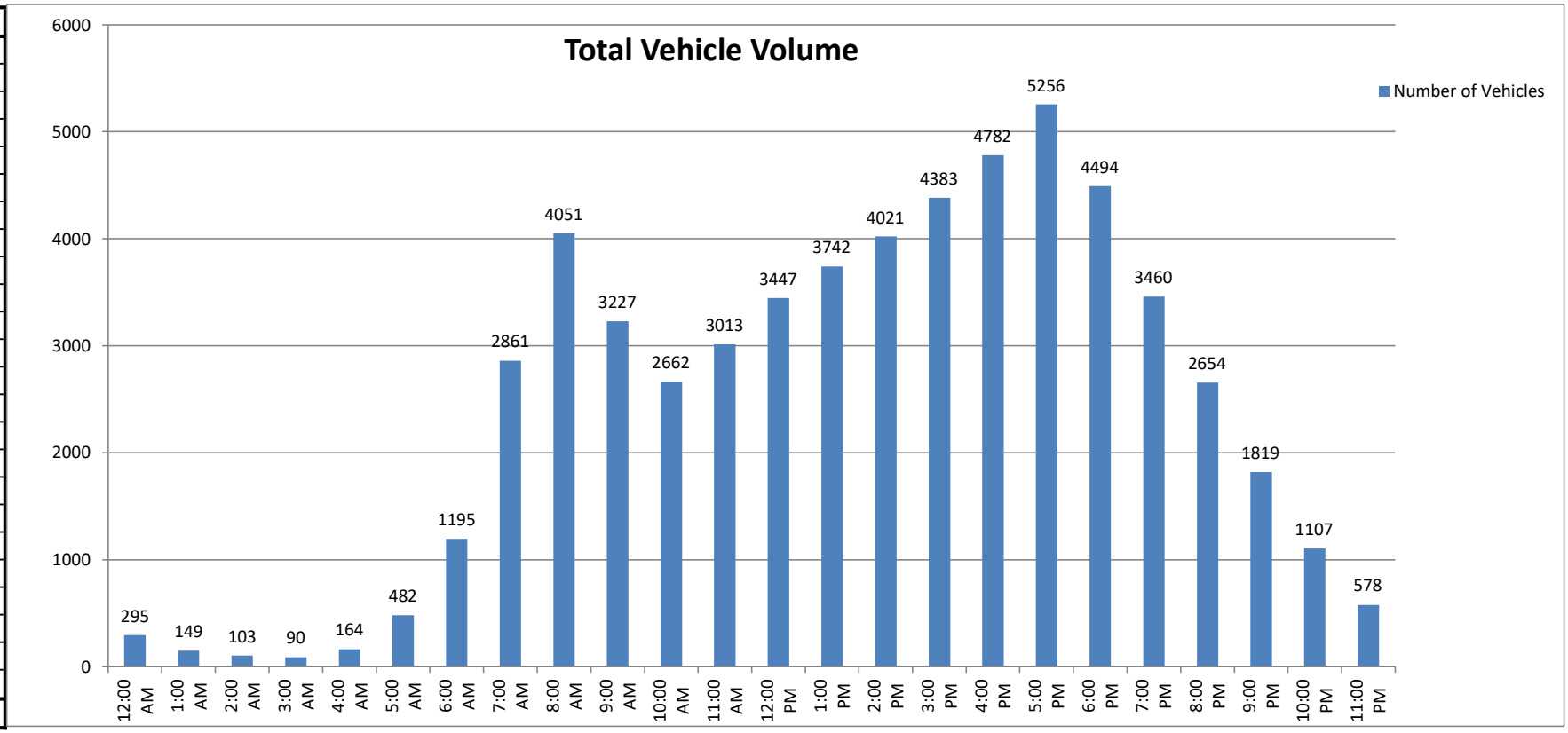
24 Hour Volume Plot

Culver Drive

B/ Southbound Interstate 5 - Trabuco Road

12/5/2023

Start Time	12/5/2023
12:00 AM	295
1:00 AM	149
2:00 AM	103
3:00 AM	90
4:00 AM	164
5:00 AM	482
6:00 AM	1195
7:00 AM	2861
8:00 AM	4051
9:00 AM	3227
10:00 AM	2662
11:00 AM	3013
12:00 PM	3447
1:00 PM	3742
2:00 PM	4021
3:00 PM	4383
4:00 PM	4782
5:00 PM	5256
6:00 PM	4494
7:00 PM	3460
8:00 PM	2654
9:00 PM	1819
10:00 PM	1107
11:00 PM	578
Total	58035



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Southbound Interstate 5 - Trabuco Road

File Name 124
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	97	448			20	327				
12:15	61	586			24	304				
12:30	62	618			21	296				
12:45	64	633	284	2285	12	308	77	1235	361	3520
1:00	50	612			13	265				
1:15	25	613			5	331				
1:30	25	566			7	309				
1:45	25	575	125	2366	3	363	28	1268	153	3634
2:00	21	555			7	308				
2:15	26	573			6	326				
2:30	26	588			3	336				
2:45	15	536	88	2252	3	390	19	1360	107	3612
3:00	13	550			16	348				
3:15	15	624			6	320				
3:30	21	639			6	385				
3:45	25	663	74	2476	7	376	35	1429	109	3905
4:00	20	667			4	362				
4:15	26	730			10	386				
4:30	28	694			18	359				
4:45	46	822	120	2913	22	371	54	1478	174	4391
5:00	45	766			27	365				
5:15	55	826			29	376				
5:30	92	837			43	421				
5:45	98	823	290	3252	80	393	179	1555	469	4807
6:00	129	809			70	355				
6:15	140	810			68	378				
6:30	133	691			125	319				
6:45	204	677	606	2987	172	311	435	1363	1041	4350
7:00	244	611			222	280				
7:15	295	664			357	243				
7:30	287	592			404	201				
7:45	407	461	1233	2328	551	245	1534	969	2767	3297
8:00	397	548			531	204				
8:15	382	481			571	179				
8:30	486	499			555	167				
8:45	392	485	1657	2013	540	153	2197	703	3854	2716
9:00	407	424			468	127				
9:15	443	343			388	120				
9:30	445	349			354	87				
9:45	437	355	1732	1471	316	99	1526	433	3258	1904
10:00	337	285			341	71				
10:15	341	260			298	96				
10:30	353	222			306	44				
10:45	344	164	1375	931	314	41	1259	252	2634	1183
11:00	436	172			324	37				
11:15	434	132			313	23				
11:30	454	93			301	27				
11:45	454	83	1778	480	279	26	1217	113	2995	593
Totals	9362	25754			8560	12158				
Combined Totals		35116				20718				
ADT										55834
AM Peak Hour	1100	AM			745	AM				
Volume	1778				2208					
P.H.F.	0.979				0.967					
PM Peak Hour		515	PM			500	PM			
Volume		3295				1555				
P.H.F.		0.984				0.923				
Percentage	26.7%	73.3%			41.3%	58.7%				

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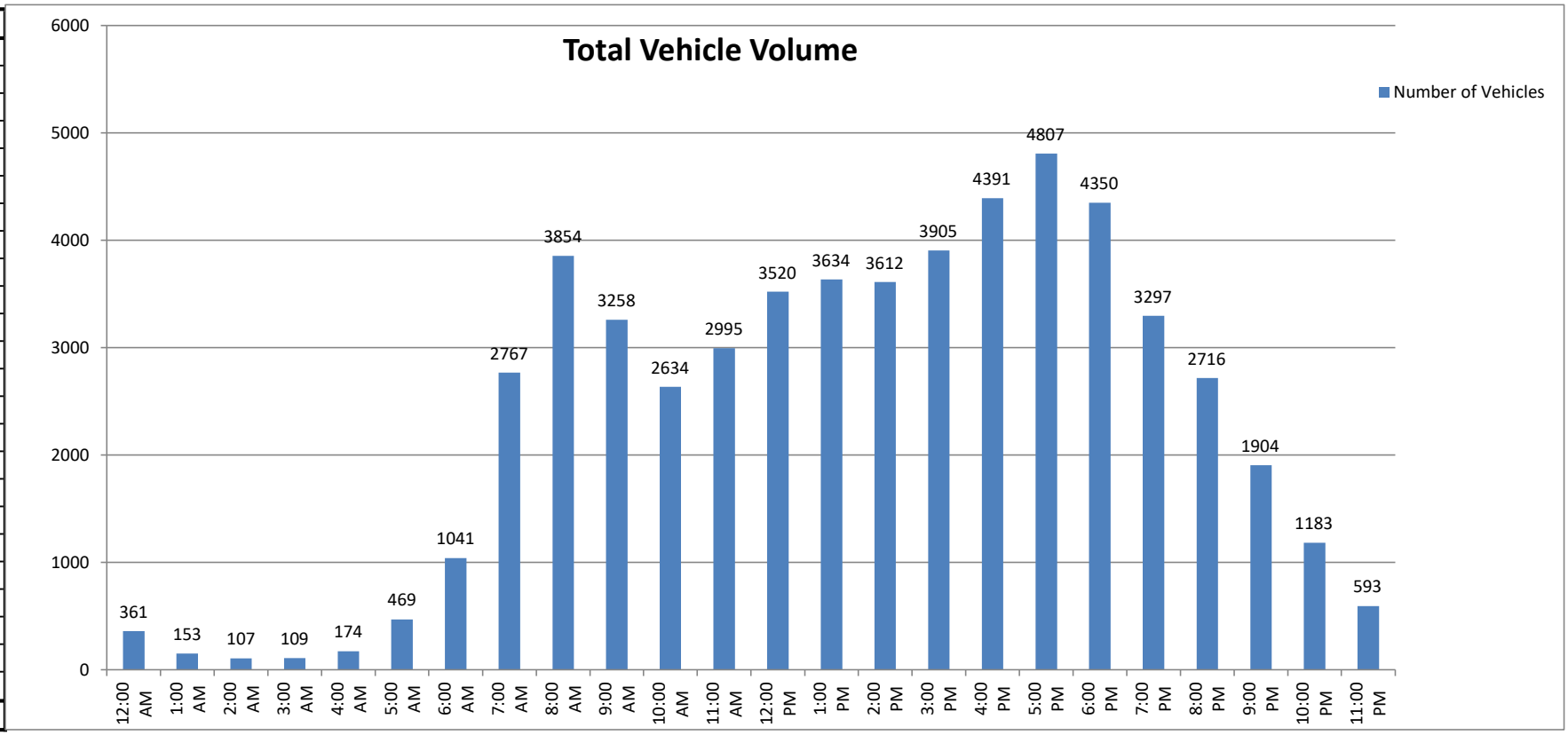
24 Hour Volume Plot

Culver Drive

B/ Southbound Interstate 5 - Trabuco Road

12/6/2023

Start Time	12/6/2023
12:00 AM	361
1:00 AM	153
2:00 AM	107
3:00 AM	109
4:00 AM	174
5:00 AM	469
6:00 AM	1041
7:00 AM	2767
8:00 AM	3854
9:00 AM	3258
10:00 AM	2634
11:00 AM	2995
12:00 PM	3520
1:00 PM	3634
2:00 PM	3612
3:00 PM	3905
4:00 PM	4391
5:00 PM	4807
6:00 PM	4350
7:00 PM	3297
8:00 PM	2716
9:00 PM	1904
10:00 PM	1183
11:00 PM	593
Total	55834



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Southbound Interstate 5 - Trabuco Road

File Name 124
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	83	449			20	307				
12:15	68	549			24	310				
12:30	51	626			18	300				
12:45	54	638	256	2261	11	307	73	1223	328	3484
1:00	47	631			11	288				
1:15	29	639			6	320				
1:30	26	564			7	309				
1:45	21	619	123	2453	5	320	29	1236	151	3688
2:00	21	634			7	312				
2:15	22	630			5	317				
2:30	26	640			7	341				
2:45	16	572	84	2476	4	372	22	1341	105	3817
3:00	16	626			12	344				
3:15	16	704			6	341				
3:30	19	661			6	371				
3:45	20	728	70	2719	7	370	30	1426	100	4144
4:00	16	743			5	360				
4:15	29	752			11	383				
4:30	28	758			17	377				
4:45	42	827	114	3079	24	389	56	1508	169	4587
5:00	45	841			29	383				
5:15	60	881			29	399				
5:30	97	866			42	411				
5:45	98	853	300	3440	76	400	176	1592	476	5032
6:00	139	834			68	355				
6:15	161	851			75	362				
6:30	156	712			115	299				
6:45	227	708	682	3104	179	303	437	1318	1118	4422
7:00	252	639			226	289				
7:15	292	684			351	241				
7:30	316	586			414	206				
7:45	402	502	1260	2410	563	234	1554	969	2814	3379
8:00	410	593			537	180				
8:15	425	466			588	172				
8:30	476	481			561	160				
8:45	407	486	1717	2025	551	149	2236	660	3953	2685
9:00	416	395			418	125				
9:15	475	349			382	118				
9:30	444	337			354	96				
9:45	424	347	1758	1427	332	97	1485	435	3243	1862
10:00	341	275			345	77				
10:15	337	248			293	83				
10:30	351	211			321	47				
10:45	360	163	1388	895	302	44	1260	250	2648	1145
11:00	424	158			316	37				
11:15	428	138			305	36				
11:30	444	91			317	24				
11:45	470	78	1765	464	302	25	1240	122	3004	586
Totals	9513	26751			8594	12077				
Combined Totals		36264				20671				
ADT										56935
AM Peak Hour	830	AM			745	AM				
Volume	1773				2248					
P.H.F.	0.932				0.957					
PM Peak Hour		500	PM			500	PM			
Volume		3440				1592				
P.H.F.		0.977				0.969				
Percentage	26.2%	73.8%			41.6%	58.4%				

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City of Irvine
Culver Drive
B/ Scottsdale Drive - Southbound Interstate 5

File Name 123
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	349			44	367				
12:15	35	376			40	401				
12:30	17	402			23	374				
12:45	18	368	99	1495	25	357	132	1499	231	2994
1:00	21	397			17	380				
1:15	13	383			9	373				
1:30	10	353			18	381				
1:45	9	413	53	1546	14	373	58	1507	111	3053
2:00	8	400			10	369				
2:15	8	417			5	384				
2:30	14	390			17	446				
2:45	8	393	38	1600	7	423	39	1622	77	3222
3:00	6	376			9	432				
3:15	6	429			8	474				
3:30	11	425			8	463				
3:45	6	452	29	1682	10	452	35	1821	64	3503
4:00	9	478			11	478				
4:15	15	419			17	488				
4:30	18	494			18	485				
4:45	29	477	71	1868	31	491	77	1942	148	3810
5:00	25	483			37	510				
5:15	39	497			48	499				
5:30	54	516			76	540				
5:45	41	502	159	1998	84	488	245	2037	404	4035
6:00	78	443			98	489				
6:15	79	449			125	464				
6:30	112	398			140	398				
6:45	140	386	409	1676	205	402	568	1753	977	3429
7:00	172	368			229	397				
7:15	201	394			331	377				
7:30	215	335			424	307				
7:45	266	317	854	1414	579	330	1563	1411	2417	2825
8:00	291	349			562	274				
8:15	316	257			584	237				
8:30	299	262			522	205				
8:45	257	275	1163	1143	556	210	2224	926	3387	2069
9:00	225	221			466	169				
9:15	265	213			401	160				
9:30	242	173			385	157				
9:45	253	203	985	810	404	150	1656	636	2641	1446
10:00	293	151			414	129				
10:15	284	127			352	117				
10:30	254	107			415	78				
10:45	295	91	1126	476	385	78	1566	402	2692	878
11:00	292	64			374	66				
11:15	312	69			411	61				
11:30	322	43			416	45				
11:45	334	50	1260	226	447	46	1648	218	2908	444
Totals	6246	15934			9811	15774				
Combined Totals		22180				25585				
ADT										47765
AM Peak Hour	1100	AM			745	AM				
Volume	1260				2247					
P.H.F.	0.943				0.962					
PM Peak Hour		500	PM			445	PM			
Volume		1998				2040				
P.H.F.		0.968				0.944				
Percentage	28.2%	71.8%			38.3%	61.7%				

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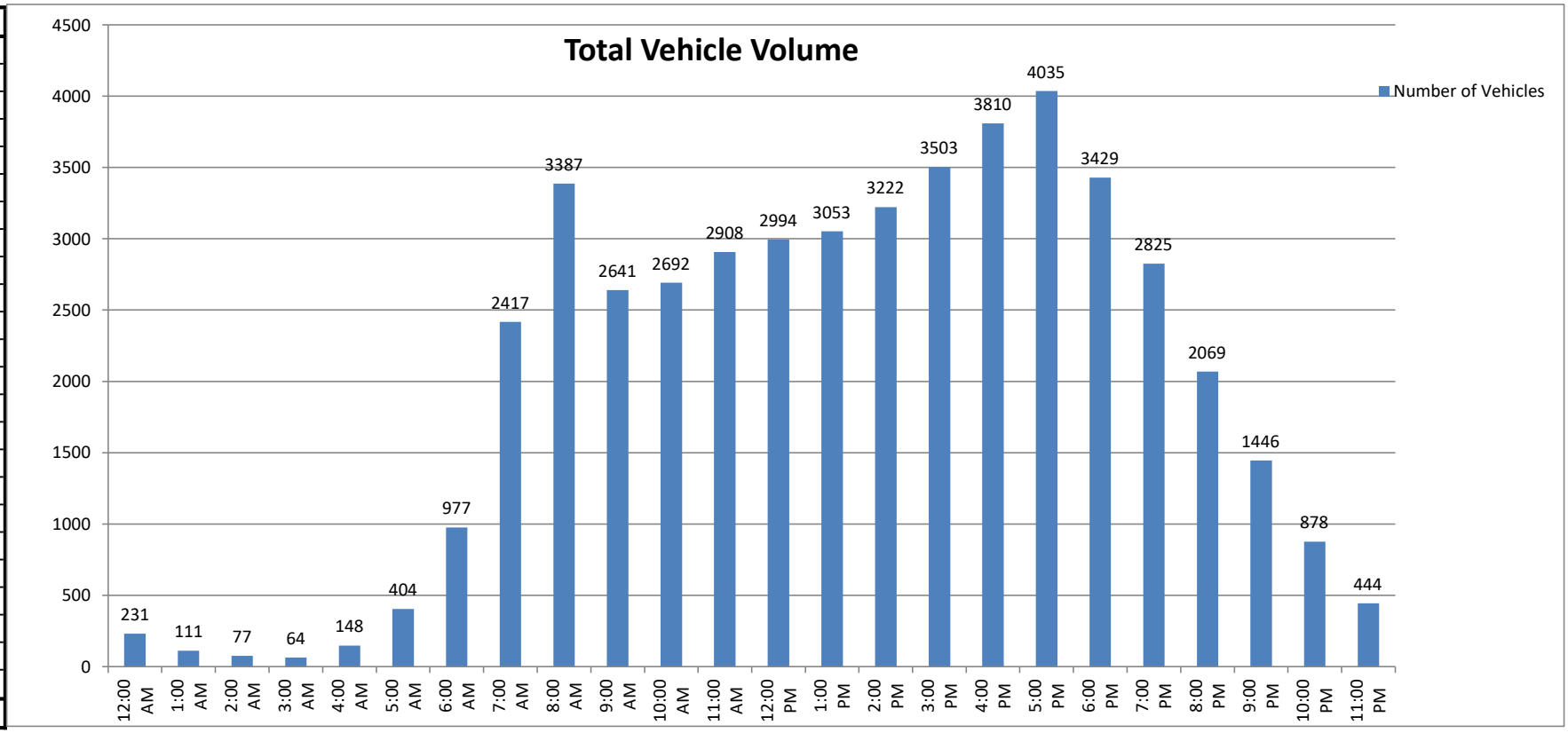
24 Hour Volume Plot

Culver Drive

B/ Scottsdale Drive - Southbound Interstate 5

12/5/2023

Start Time	12/5/2023
12:00 AM	231
1:00 AM	111
2:00 AM	77
3:00 AM	64
4:00 AM	148
5:00 AM	404
6:00 AM	977
7:00 AM	2417
8:00 AM	3387
9:00 AM	2641
10:00 AM	2692
11:00 AM	2908
12:00 PM	2994
1:00 PM	3053
2:00 PM	3222
3:00 PM	3503
4:00 PM	3810
5:00 PM	4035
6:00 PM	3429
7:00 PM	2825
8:00 PM	2069
9:00 PM	1446
10:00 PM	878
11:00 PM	444
Total	47765



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Scottsdale Drive - Southbound Interstate 5

File Name 123
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	365			43	402				
12:15	30	377			45	397				
12:30	33	407			33	356				
12:45	31	366	143	1515	25	409	146	1564	289	3079
1:00	22	421			26	380				
1:15	9	409			18	387				
1:30	11	417			13	427				
1:45	12	398	54	1645	14	447	71	1641	125	3286
2:00	10	379			15	382				
2:15	11	406			11	432				
2:30	11	382			5	403				
2:45	7	409	39	1576	12	460	43	1677	82	3253
3:00	8	377			15	410				
3:15	9	405			9	422				
3:30	13	450			14	436				
3:45	15	419	45	1651	16	436	54	1704	99	3355
4:00	19	441			12	484				
4:15	11	442			18	474				
4:30	20	479			24	479				
4:45	27	512	77	1874	40	453	94	1890	171	3764
5:00	23	490			49	458				
5:15	29	524			50	452				
5:30	58	496			60	534				
5:45	42	523	152	2033	111	500	270	1944	422	3977
6:00	73	470			112	478				
6:15	83	432			93	473				
6:30	99	395			105	452				
6:45	133	382	388	1679	183	413	493	1816	881	3495
7:00	173	365			218	392				
7:15	197	394			348	304				
7:30	216	322			385	284				
7:45	264	295	850	1376	499	310	1450	1290	2300	2666
8:00	268	321			533	273				
8:15	300	316			529	232				
8:30	293	285			587	245				
8:45	262	309	1123	1231	598	228	2247	978	3370	2209
9:00	253	247			504	158				
9:15	253	195			462	187				
9:30	265	186			390	150				
9:45	269	225	1040	853	371	151	1727	646	2767	1499
10:00	265	170			420	115				
10:15	306	131			398	130				
10:30	276	106			415	77				
10:45	282	90	1129	497	436	77	1669	399	2798	896
11:00	337	84			424	54				
11:15	329	67			420	50				
11:30	349	49			365	43				
11:45	365	41	1380	241	390	57	1599	204	2979	445
Totals	6420	16171			9863	15753				
Combined Totals		22591				25616				
ADT										48207
AM Peak Hour	1100	AM			800	AM				
Volume	1380				2247					
P.H.F.	0.945				0.939					
PM Peak Hour		500	PM			530	PM			
Volume		2033				1985				
P.H.F.		0.970				0.929				
Percentage	28.4%	71.6%			38.5%	61.5%				

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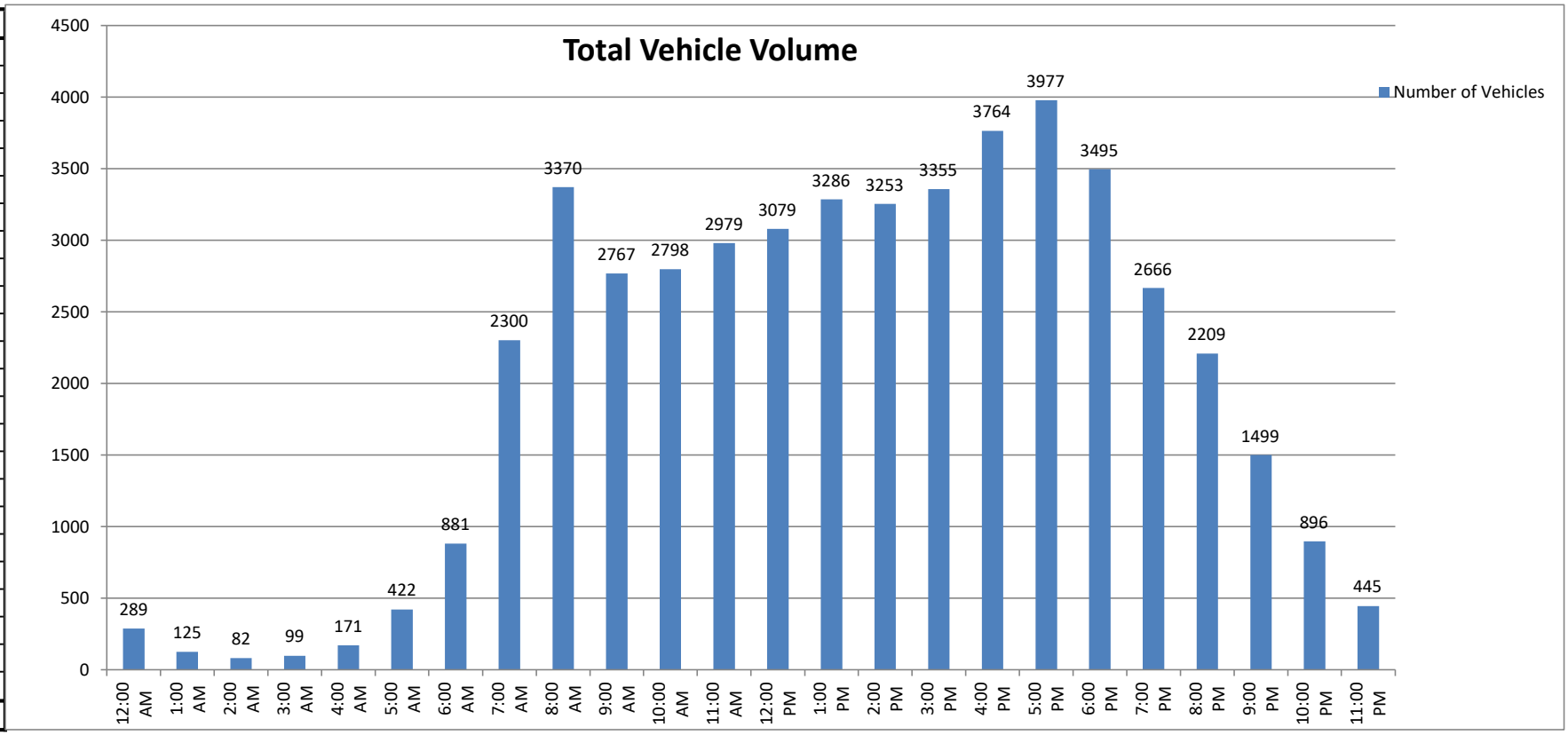
24 Hour Volume Plot

Culver Drive

B/ Scottsdale Drive - Southbound Interstate 5

12/6/2023

Start Time	12/6/2023
12:00 AM	289
1:00 AM	125
2:00 AM	82
3:00 AM	99
4:00 AM	171
5:00 AM	422
6:00 AM	881
7:00 AM	2300
8:00 AM	3370
9:00 AM	2767
10:00 AM	2798
11:00 AM	2979
12:00 PM	3079
1:00 PM	3286
2:00 PM	3253
3:00 PM	3355
4:00 PM	3764
5:00 PM	3977
6:00 PM	3495
7:00 PM	2666
8:00 PM	2209
9:00 PM	1499
10:00 PM	896
11:00 PM	445
Total	48207



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Scottsdale Drive - Southbound Interstate 5

File Name 123
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	39	357			44	385				
12:15	33	377			43	399				
12:30	25	405			28	365				
12:45	25	367	121	1505	25	383	139	1532	260	3037
1:00	22	409			22	380				
1:15	11	396			14	380				
1:30	11	385			16	404				
1:45	11	406	54	1596	14	410	65	1574	118	3170
2:00	9	390			13	376				
2:15	10	412			8	408				
2:30	13	386			11	425				
2:45	8	401	39	1588	10	442	41	1650	80	3238
3:00	7	377			12	421				
3:15	8	417			9	448				
3:30	12	438			11	450				
3:45	11	436	37	1667	13	444	45	1763	82	3429
4:00	14	460			12	481				
4:15	13	431			18	481				
4:30	19	487			21	482				
4:45	28	495	74	1871	36	472	86	1916	160	3787
5:00	24	487			43	484				
5:15	34	511			49	476				
5:30	56	506			68	537				
5:45	42	513	156	2016	98	494	258	1991	413	4006
6:00	76	457			105	484				
6:15	81	441			109	469				
6:30	106	397			123	425				
6:45	137	384	399	1678	194	408	531	1785	929	3462
7:00	173	367			224	395				
7:15	199	394			340	341				
7:30	216	329			405	296				
7:45	265	306	852	1395	539	320	1507	1351	2359	2746
8:00	280	335			548	274				
8:15	308	287			557	235				
8:30	296	274			555	225				
8:45	260	292	1143	1187	577	219	2236	952	3379	2139
9:00	239	234			485	164				
9:15	259	204			432	174				
9:30	254	180			388	154				
9:45	261	214	1013	832	388	151	1692	641	2704	1473
10:00	279	161			417	122				
10:15	295	129			375	124				
10:30	265	107			415	78				
10:45	289	91	1128	487	411	78	1618	401	2745	887
11:00	315	74			399	60				
11:15	321	68			416	56				
11:30	336	46			391	44				
11:45	350	46	1320	234	419	52	1624	211	2944	445
Totals	6333	16053			9837	15764				
Combined Totals		22386				25601				
ADT										47986
AM Peak Hour	1100	AM			800	AM				
Volume	1320				2236					
P.H.F.	0.944				0.969					
PM Peak Hour		500	PM			500	PM			
Volume		2016				1991				
P.H.F.		0.983				0.927				
Percentage	28.3%	71.7%			38.4%	61.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Settlers - Furrow

File Name 132
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	51			1	53				
12:15	3	52			2	47				
12:30	1	50			2	54				
12:45	4	66	14	219	0	75	5	229	19	448
1:00	3	78			4	55				
1:15	2	66			1	55				
1:30	0	70			1	71				
1:45	2	90	7	304	1	83	7	264	14	568
2:00	1	37			1	64				
2:15	4	51			3	59				
2:30	1	47			2	87				
2:45	1	52	7	187	0	51	6	261	13	448
3:00	0	52			0	68				
3:15	0	61			0	56				
3:30	0	58			1	65				
3:45	0	65	0	236	2	67	3	256	3	492
4:00	2	50			1	76				
4:15	0	69			1	63				
4:30	0	64			1	49				
4:45	1	64	3	247	1	50	4	238	7	485
5:00	1	63			4	50				
5:15	0	82			7	64				
5:30	0	91			5	73				
5:45	4	69	5	305	6	44	22	231	27	536
6:00	8	77			15	53				
6:15	17	67			13	46				
6:30	24	68			21	30				
6:45	37	59	86	271	17	31	66	160	152	431
7:00	27	47			51	30				
7:15	31	63			44	29				
7:30	55	56			114	25				
7:45	144	49	257	215	220	26	429	110	686	325
8:00	96	43			142	25				
8:15	57	47			62	29				
8:30	65	27			63	16				
8:45	60	40	278	157	66	22	333	92	611	249
9:00	48	38			66	15				
9:15	52	30			60	8				
9:30	48	23			50	10				
9:45	35	26	183	117	46	9	222	42	405	159
10:00	42	18			53	5				
10:15	35	11			50	7				
10:30	43	13			51	2				
10:45	35	11	155	53	44	5	198	19	353	72
11:00	43	7			38	1				
11:15	37	13			31	4				
11:30	50	8			56	0				
11:45	49	2	179	30	48	3	173	8	352	38
Totals	1174	2341			1468	1910				
Combined Totals		3515				3378				
ADT										6893
AM Peak Hour	745	AM			730	AM				
Volume	362				538					
P.H.F.	0.628				0.611					
PM Peak Hour		515	PM			145	PM			
Volume		319				293				
P.H.F.		0.876				0.842				
Percentage	33.4%	66.6%			43.5%	56.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

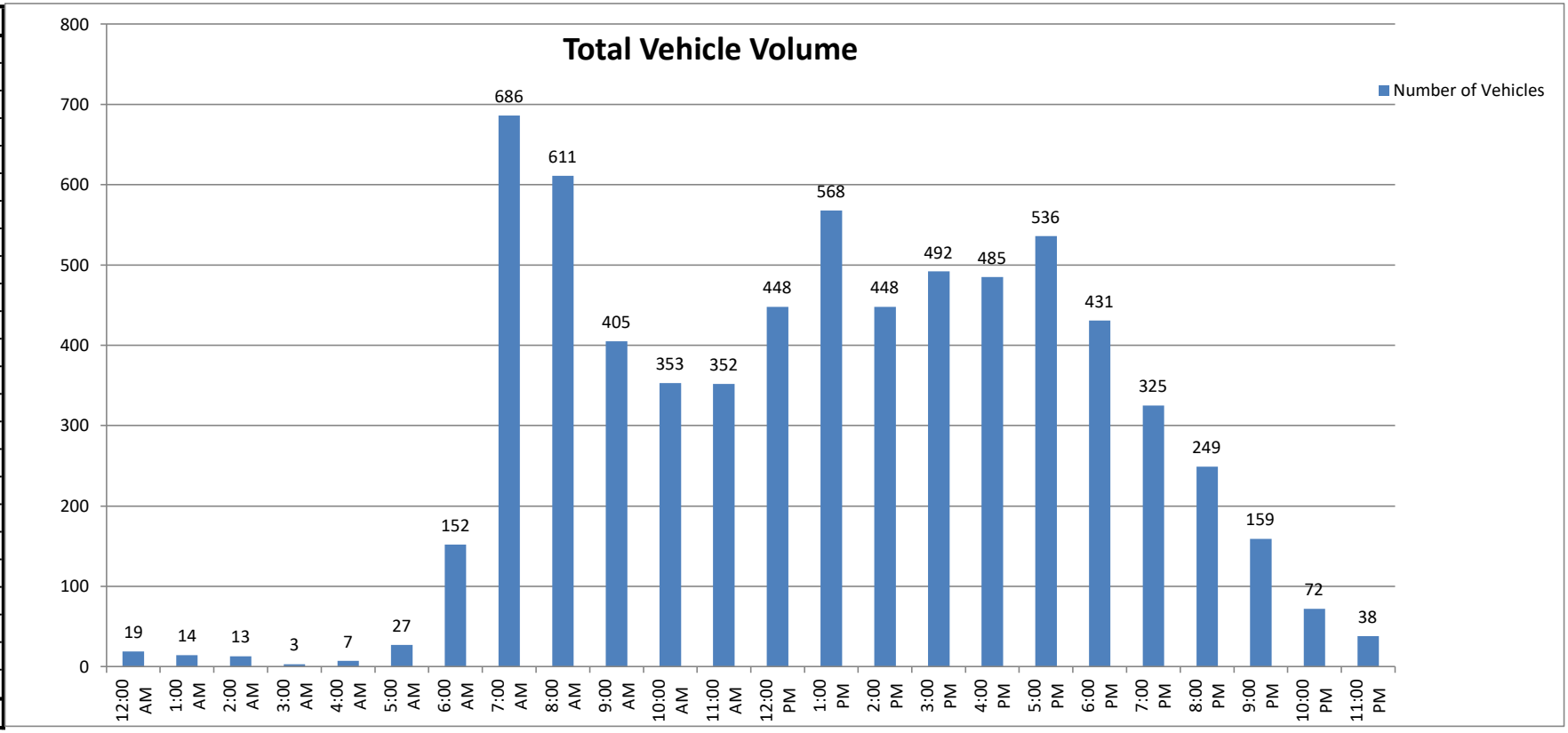
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Settlers - Furrow

12/6/2023

Start Time	12/6/2023
12:00 AM	19
1:00 AM	14
2:00 AM	13
3:00 AM	3
4:00 AM	7
5:00 AM	27
6:00 AM	152
7:00 AM	686
8:00 AM	611
9:00 AM	405
10:00 AM	353
11:00 AM	352
12:00 PM	448
1:00 PM	568
2:00 PM	448
3:00 PM	492
4:00 PM	485
5:00 PM	536
6:00 PM	431
7:00 PM	325
8:00 PM	249
9:00 PM	159
10:00 PM	72
11:00 PM	38
Total	6893



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Settlers - Furrow

File Name 132
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/7/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	42			4	49				
12:15	3	41			1	51				
12:30	5	59			1	45				
12:45	2	54	15	196	1	32	7	177	22	373
1:00	1	65			0	37				
1:15	1	49			1	39				
1:30	0	53			2	62				
1:45	0	66	2	233	0	51	3	189	5	422
2:00	3	74			0	66				
2:15	0	74			1	90				
2:30	4	68			2	95				
2:45	2	99	9	315	0	104	3	355	12	670
3:00	0	61			0	70				
3:15	1	70			0	49				
3:30	0	57			0	86				
3:45	0	65	1	253	2	71	2	276	3	529
4:00	0	63			1	62				
4:15	0	60			0	73				
4:30	1	65			4	55				
4:45	0	57	1	245	4	48	9	238	10	483
5:00	0	85			1	69				
5:15	0	67			6	83				
5:30	4	66			6	59				
5:45	4	70	8	288	4	49	17	260	25	548
6:00	12	58			8	51				
6:15	9	77			15	48				
6:30	30	79			14	47				
6:45	39	62	90	276	19	39	56	185	146	461
7:00	37	48			48	39				
7:15	38	86			53	38				
7:30	44	44			108	25				
7:45	144	43	263	221	215	14	424	116	687	337
8:00	84	34			145	21				
8:15	60	52			69	17				
8:30	62	31			50	23				
8:45	62	34	268	151	56	15	320	76	588	227
9:00	39	26			63	17				
9:15	41	34			55	15				
9:30	50	28			55	9				
9:45	38	39	168	127	55	7	228	48	396	175
10:00	39	26			49	10				
10:15	38	19			29	11				
10:30	25	21			55	12				
10:45	32	16	134	82	41	5	174	38	308	120
11:00	36	9			44	5				
11:15	36	12			54	4				
11:30	30	7			52	2				
11:45	50	4	152	32	53	4	203	15	355	47
Totals	1111	2419			1446	1973				
Combined Totals		3530				3419				
ADT										6949
AM Peak Hour	745	AM			730	AM				
Volume	350				537					
P.H.F.	0.608				0.624					
PM Peak Hour		200	PM			215	PM			
Volume		315				359				
P.H.F.		0.795				0.863				
Percentage	31.5%	68.5%			42.3%	57.7%				

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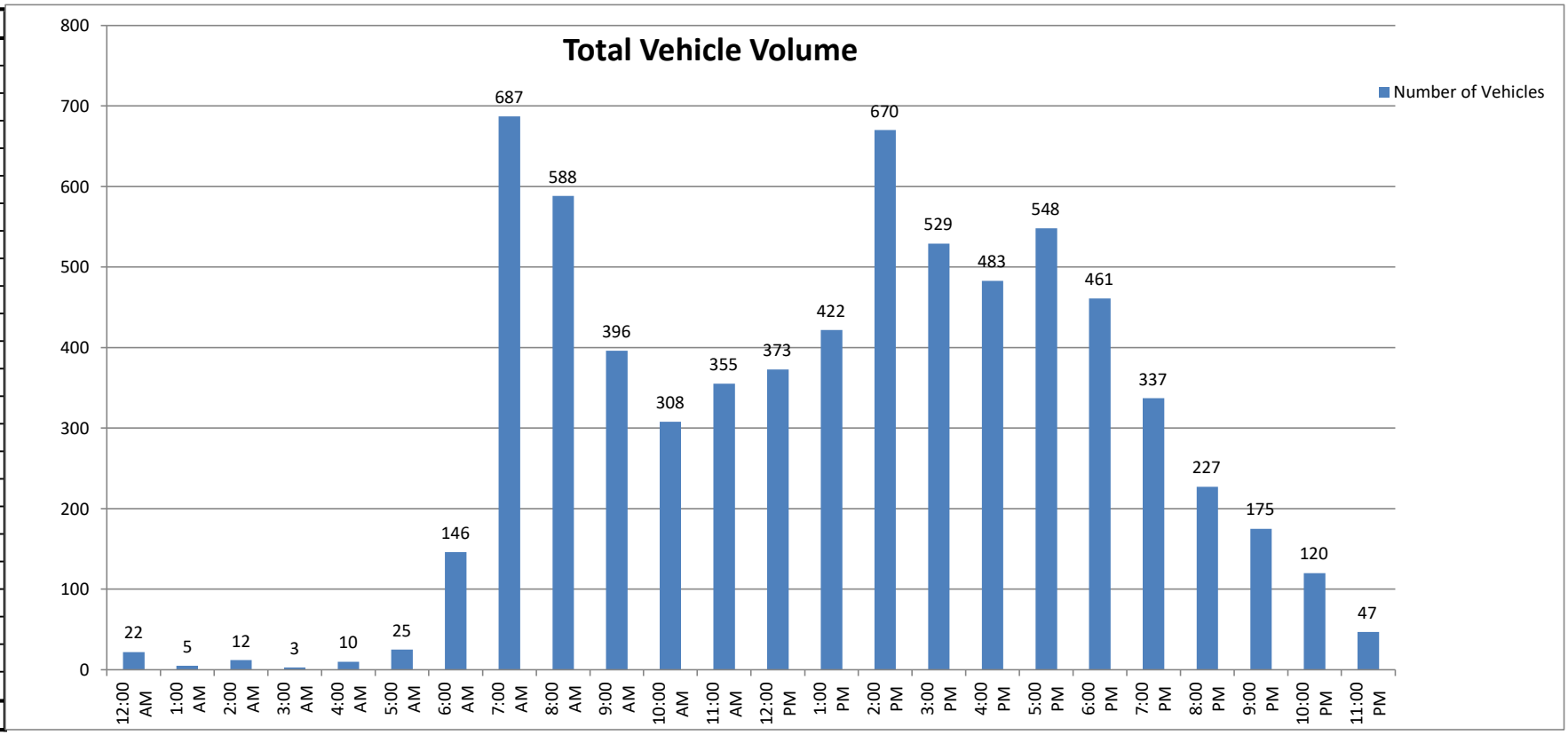
24 Hour Volume Plot

Culver Drive
B/ Settlers - Furrow

12/7/2023

Start Time	12/7/2023
12:00 AM	22
1:00 AM	5
2:00 AM	12
3:00 AM	3
4:00 AM	10
5:00 AM	25
6:00 AM	146
7:00 AM	687
8:00 AM	588
9:00 AM	396
10:00 AM	308
11:00 AM	355
12:00 PM	373
1:00 PM	422
2:00 PM	670
3:00 PM	529
4:00 PM	483
5:00 PM	548
6:00 PM	461
7:00 PM	337
8:00 PM	227
9:00 PM	175
10:00 PM	120
11:00 PM	47
Total	6949



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Settlers - Furrow

File Name 132
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	47			3	51				
12:15	3	47			2	49				
12:30	3	55			2	50				
12:45	3	60	15	208	1	54	6	203	21	411
1:00	2	72			2	46				
1:15	2	58			1	47				
1:30	0	62			2	67				
1:45	1	78	5	269	1	67	5	227	10	495
2:00	2	56			1	65				
2:15	2	63			2	75				
2:30	3	58			2	91				
2:45	2	76	8	251	0	78	5	308	13	559
3:00	0	57			0	69				
3:15	1	66			0	53				
3:30	0	58			1	76				
3:45	0	65	1	245	2	69	3	266	3	511
4:00	1	57			1	69				
4:15	0	65			1	68				
4:30	1	65			3	52				
4:45	1	61	2	246	3	49	7	238	9	484
5:00	1	74			3	60				
5:15	0	75			7	74				
5:30	2	79			6	66				
5:45	4	70	7	297	5	47	20	246	26	542
6:00	10	68			12	52				
6:15	13	72			14	47				
6:30	27	74			18	39				
6:45	38	61	88	274	18	35	61	173	149	446
7:00	32	48			50	35				
7:15	35	75			49	34				
7:30	50	50			111	25				
7:45	144	46	260	218	218	20	427	113	687	331
8:00	90	39			144	23				
8:15	59	50			66	23				
8:30	64	29			57	20				
8:45	61	37	273	154	61	19	327	84	600	238
9:00	44	32			65	16				
9:15	47	32			58	12				
9:30	49	26			53	10				
9:45	37	33	176	122	51	8	225	45	401	167
10:00	41	22			51	8				
10:15	37	15			40	9				
10:30	34	17			53	7				
10:45	34	14	145	68	43	5	186	29	331	96
11:00	40	8			41	3				
11:15	37	13			43	4				
11:30	40	8			54	1				
11:45	50	3	166	31	51	4	188	12	354	43
Totals	1143	2380			1457	1942				
Combined Totals		3523				3399				
ADT										6921
AM Peak Hour	745	AM			730	AM				
Volume	356				538					
P.H.F.	0.618				0.618					
PM Peak Hour		500	PM			215	PM			
Volume		297				312				
P.H.F.		0.944				0.857				
Percentage	32.4%	67.6%			42.9%	57.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Trabuco Road - Farwell Avenue

File Name 125
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	328			30	317				
12:15	38	330			26	309				
12:30	24	340			18	324				
12:45	29	358	126	1356	16	337	90	1287	216	2643
1:00	26	354			14	338				
1:15	25	342			11	320				
1:30	19	306			10	341				
1:45	10	382	80	1384	5	288	40	1287	120	2671
2:00	12	397			9	302				
2:15	14	405			4	327				
2:30	12	416			13	337				
2:45	15	370	53	1588	5	385	31	1351	84	2939
3:00	17	392			8	329				
3:15	12	421			10	387				
3:30	11	437			17	339				
3:45	11	470	51	1720	14	403	49	1458	100	3178
4:00	13	514			19	367				
4:15	20	475			21	390				
4:30	15	501			41	377				
4:45	24	493	72	1983	48	442	129	1576	201	3559
5:00	24	574			70	365				
5:15	36	594			73	433				
5:30	56	567			83	366				
5:45	65	555	181	2290	129	414	355	1578	536	3868
6:00	86	595			143	302				
6:15	107	527			153	325				
6:30	106	484			217	290				
6:45	142	444	441	2050	285	357	798	1274	1239	3324
7:00	131	419			346	349				
7:15	179	430			455	313				
7:30	206	339			504	245				
7:45	236	316	752	1504	662	242	1967	1149	2719	2653
8:00	295	386			558	203				
8:15	268	278			656	205				
8:30	261	283			577	179				
8:45	225	291	1049	1238	612	165	2403	752	3452	1990
9:00	237	235			454	157				
9:15	269	219			423	155				
9:30	234	222			406	127				
9:45	246	177	986	853	384	107	1667	546	2653	1399
10:00	244	158			395	96				
10:15	219	142			363	85				
10:30	225	125			373	77				
10:45	256	113	944	538	333	58	1464	316	2408	854
11:00	263	92			336	56				
11:15	300	82			318	55				
11:30	292	66			331	30				
11:45	345	42	1200	282	339	28	1324	169	2524	451
Totals	5935	16786			10317	12743				
Combined Totals		22721				23060				
ADT										45781
AM Peak Hour	1100	AM			745	AM				
Volume	1200				2453					
P.H.F.	0.870				0.926					
PM Peak Hour		515	PM			430	PM			
Volume		2311				1617				
P.H.F.		0.971				0.915				
Percentage	26.1%	73.9%			44.7%	55.3%				

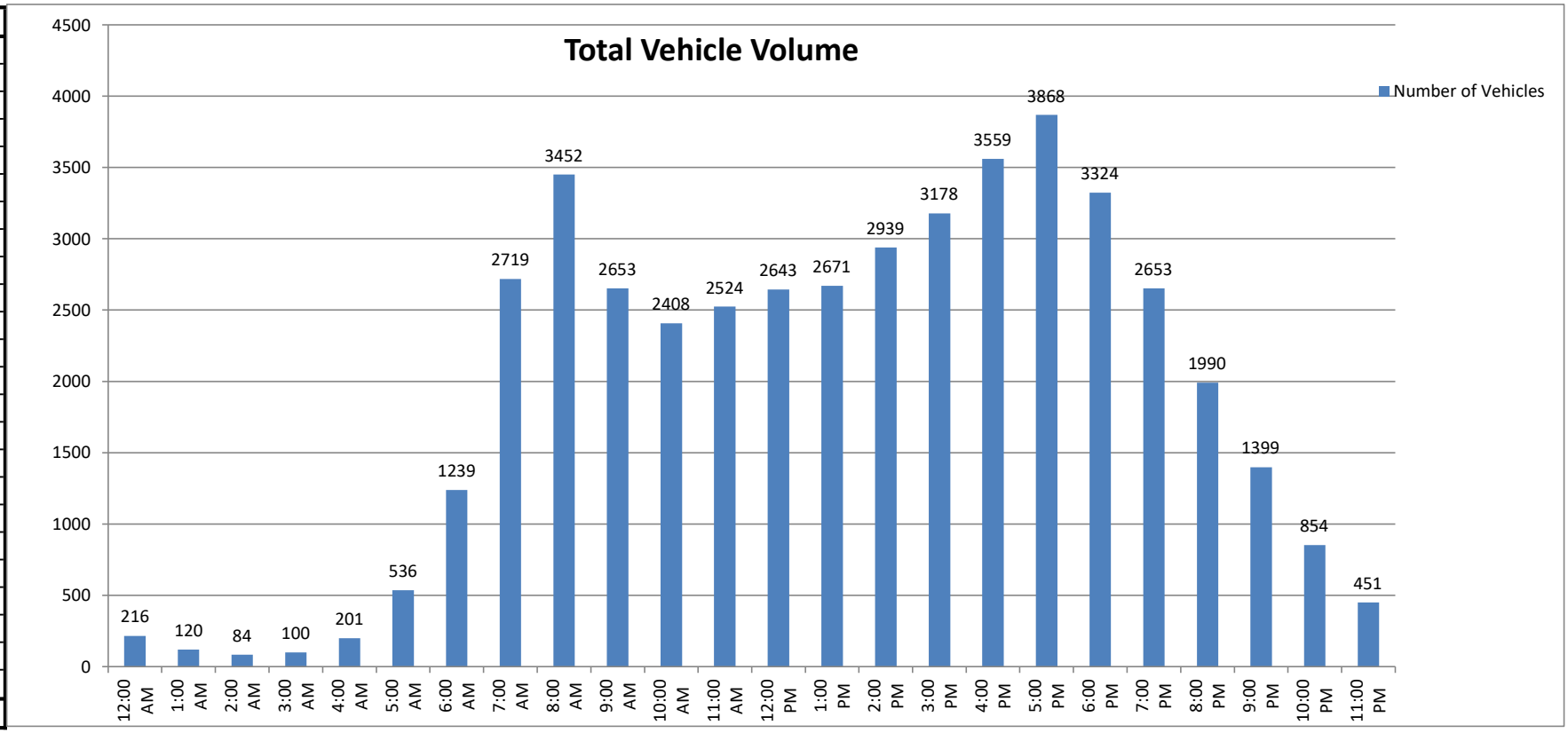
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Culver Drive
B/ Trabuco Road - Farwell Avenue
12/5/2023

Start Time	12/5/2023
12:00 AM	216
1:00 AM	120
2:00 AM	84
3:00 AM	100
4:00 AM	201
5:00 AM	536
6:00 AM	1239
7:00 AM	2719
8:00 AM	3452
9:00 AM	2653
10:00 AM	2408
11:00 AM	2524
12:00 PM	2643
1:00 PM	2671
2:00 PM	2939
3:00 PM	3178
4:00 PM	3559
5:00 PM	3868
6:00 PM	3324
7:00 PM	2653
8:00 PM	1990
9:00 PM	1399
10:00 PM	854
11:00 PM	451
Total	45781



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Trabuco Road - Farwell Avenue

File Name 125
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	51	319			37	359				
12:15	39	344			27	332				
12:30	33	320			30	333				
12:45	37	369	160	1352	17	300	111	1324	271	2676
1:00	31	371			14	310				
1:15	18	380			12	318				
1:30	15	332			11	314				
1:45	21	395	85	1478	6	372	43	1314	128	2792
2:00	14	352			10	320				
2:15	14	391			7	304				
2:30	16	379			9	349				
2:45	11	374	55	1496	7	412	33	1385	88	2881
3:00	8	352			17	348				
3:15	8	417			10	324				
3:30	16	438			19	351				
3:45	17	454	49	1661	16	372	62	1395	111	3056
4:00	13	504			13	337				
4:15	24	488			23	399				
4:30	24	487			29	341				
4:45	28	505	89	1984	39	378	104	1455	193	3439
5:00	30	526			66	324				
5:15	33	572			70	361				
5:30	50	551			95	345				
5:45	64	591	177	2240	127	365	358	1395	535	3635
6:00	70	549			148	278				
6:15	95	584			140	356				
6:30	81	488			246	303				
6:45	123	454	369	2075	279	352	813	1289	1182	3364
7:00	120	411			315	318				
7:15	168	436			445	262				
7:30	168	351			522	224				
7:45	264	325	720	1523	585	271	1867	1075	2587	2598
8:00	276	342			528	249				
8:15	217	322			623	188				
8:30	296	313			554	198				
8:45	291	300	1080	1277	511	193	2216	828	3296	2105
9:00	269	277			516	175				
9:15	279	209			438	160				
9:30	253	222			380	133				
9:45	241	204	1042	912	380	130	1714	598	2756	1510
10:00	223	174			358	109				
10:15	236	158			301	125				
10:30	250	142			367	64				
10:45	244	115	953	589	338	70	1364	368	2317	957
11:00	291	100			312	48				
11:15	313	77			339	36				
11:30	331	55			318	41				
11:45	350	46	1285	278	313	27	1282	152	2567	430
Totals	6064	16865			9967	12578				
Combined Totals		22929				22545				
ADT										45474
AM Peak Hour	1100	AM			745	AM				
Volume	1285				2290					
P.H.F.	0.918				0.919					
PM Peak Hour		530	PM			330	PM			
Volume		2275				1459				
P.H.F.		0.962				0.914				
Percentage	26.4%	73.6%			44.2%	55.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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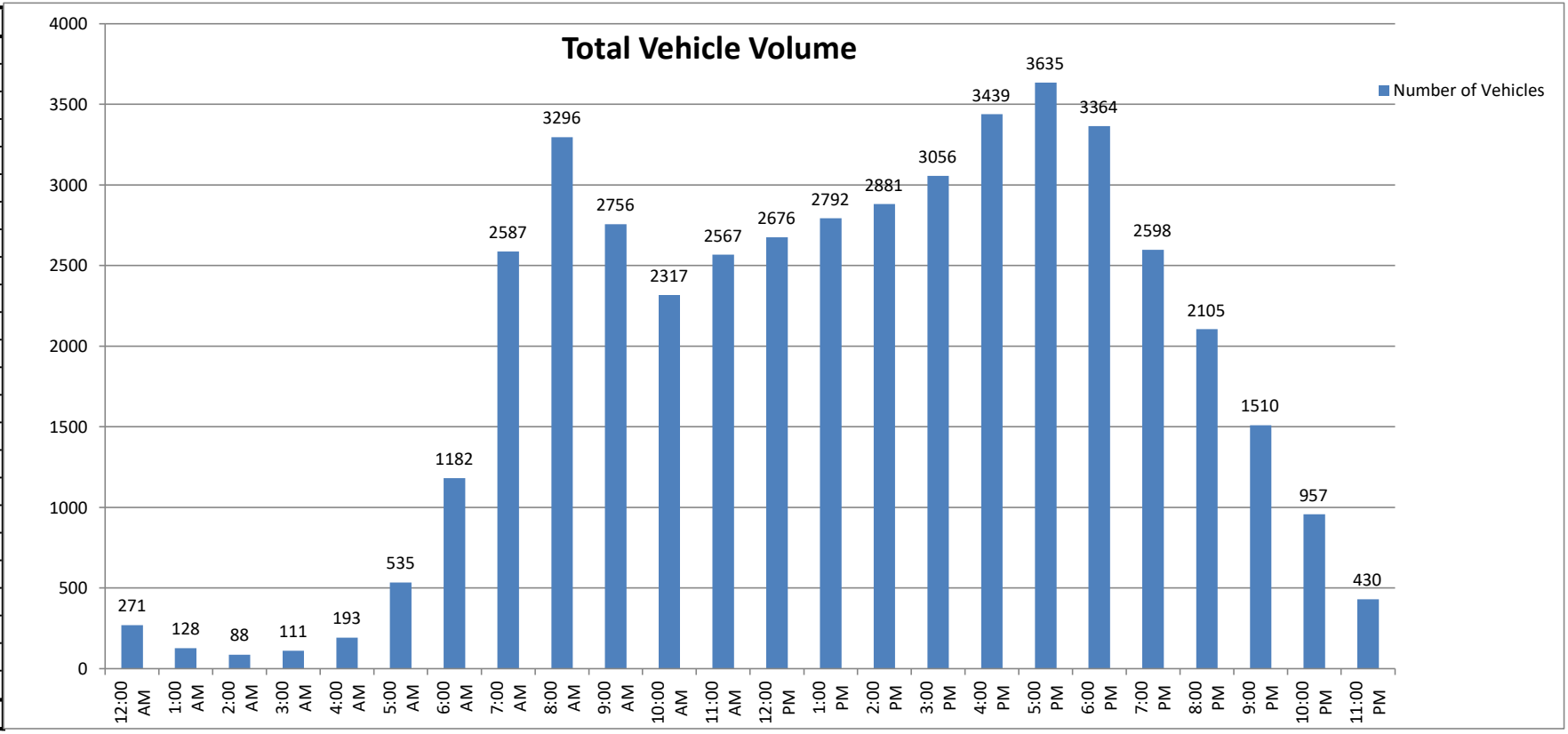
24 Hour Volume Plot

Culver Drive

B/ Trabuco Road - Farwell Avenue

12/6/2023

Start Time	12/6/2023
12:00 AM	271
1:00 AM	128
2:00 AM	88
3:00 AM	111
4:00 AM	193
5:00 AM	535
6:00 AM	1182
7:00 AM	2587
8:00 AM	3296
9:00 AM	2756
10:00 AM	2317
11:00 AM	2567
12:00 PM	2676
1:00 PM	2792
2:00 PM	2881
3:00 PM	3056
4:00 PM	3439
5:00 PM	3635
6:00 PM	3364
7:00 PM	2598
8:00 PM	2105
9:00 PM	1510
10:00 PM	957
11:00 PM	430
Total	45474



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Trabuco Road - Farwell Avenue

File Name 125
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	43	324			34	338				
12:15	39	337			27	321				
12:30	29	330			24	329				
12:45	33	364	143	1354	17	319	101	1306	244	2660
1:00	29	363			14	324				
1:15	22	361			12	319				
1:30	17	319			11	328				
1:45	16	389	83	1431	6	330	42	1301	124	2732
2:00	13	375			10	311				
2:15	14	398			6	316				
2:30	14	398			11	343				
2:45	13	372	54	1542	6	399	32	1368	86	2910
3:00	13	372			13	339				
3:15	10	419			10	356				
3:30	14	438			18	345				
3:45	14	462	50	1691	15	388	56	1427	106	3117
4:00	13	509			16	352				
4:15	22	482			22	395				
4:30	20	494			35	359				
4:45	26	499	81	1984	44	410	117	1516	197	3499
5:00	27	550			68	345				
5:15	35	583			72	397				
5:30	53	559			89	356				
5:45	65	573	179	2265	128	390	357	1487	536	3752
6:00	78	572			146	290				
6:15	101	556			147	341				
6:30	94	486			232	297				
6:45	133	449	405	2063	282	355	806	1282	1211	3344
7:00	126	415			331	334				
7:15	174	433			450	288				
7:30	187	345			513	235				
7:45	250	321	736	1514	624	257	1917	1112	2653	2626
8:00	286	364			543	226				
8:15	243	300			640	197				
8:30	279	298			566	189				
8:45	258	296	1065	1258	562	179	2310	790	3374	2048
9:00	253	256			485	166				
9:15	274	214			431	158				
9:30	244	222			393	130				
9:45	244	191	1014	883	382	119	1691	572	2705	1455
10:00	234	166			377	103				
10:15	228	150			332	105				
10:30	238	134			370	71				
10:45	250	114	949	564	336	64	1414	342	2363	906
11:00	277	96			324	52				
11:15	307	80			329	46				
11:30	312	61			325	36				
11:45	348	44	1243	280	326	28	1303	161	2546	441
Totals	6000	16826			10142	12661				
Combined Totals		22825				22803				
ADT										45628
AM Peak Hour	1100	AM			745	AM				
Volume	1243				2372					
P.H.F.	0.894				0.927					
PM Peak Hour		515	PM			400	PM			
Volume		2287				1516				
P.H.F.		0.981				0.924				
Percentage	26.3%	73.7%			44.5%	55.5%				

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City of Irvine
Culver Drive
B/ Walnut Avenue - Scottsdale Drive

File Name 122
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	302			37	285				
12:15	28	335			32	326				
12:30	13	324			21	305				
12:45	19	328	89	1289	20	281	110	1197	199	2486
1:00	18	352			20	318				
1:15	10	322			11	300				
1:30	12	313			18	328				
1:45	9	353	49	1340	14	304	63	1250	112	2590
2:00	8	346			11	307				
2:15	7	389			5	327				
2:30	14	348			10	366				
2:45	8	356	37	1439	9	371	35	1371	72	2810
3:00	7	340			8	343				
3:15	5	430			10	348				
3:30	10	412			7	379				
3:45	4	409	26	1591	7	361	32	1431	58	3022
4:00	5	436			11	398				
4:15	16	395			13	387				
4:30	19	451			20	396				
4:45	30	459	70	1741	26	368	70	1549	140	3290
5:00	24	452			31	395				
5:15	33	493			44	391				
5:30	51	522			70	423				
5:45	37	472	145	1939	71	388	216	1597	361	3536
6:00	69	451			90	386				
6:15	84	423			108	327				
6:30	94	341			136	342				
6:45	143	340	390	1555	189	271	523	1326	913	2881
7:00	175	352			218	277				
7:15	197	318			316	296				
7:30	223	316			385	235				
7:45	268	280	863	1266	538	242	1457	1050	2320	2316
8:00	267	265			505	214				
8:15	318	212			530	186				
8:30	291	222			464	186				
8:45	250	250	1126	949	473	170	1972	756	3098	1705
9:00	205	172			380	157				
9:15	258	167			347	132				
9:30	214	141			344	126				
9:45	255	136	932	616	323	143	1394	558	2326	1174
10:00	254	127			350	119				
10:15	261	89			269	105				
10:30	230	81			336	62				
10:45	284	63	1029	360	302	70	1257	356	2286	716
11:00	264	55			278	57				
11:15	296	54			323	59				
11:30	296	40			308	45				
11:45	322	42	1178	191	328	42	1237	203	2415	394
Totals	5934	14276			8366	12644				
Combined Totals		20210				21010				
ADT										41220
AM Peak Hour	1100	AM			745	AM				
Volume	1178				2037					
P.H.F.	0.915				0.947					
PM Peak Hour		500	PM			500	PM			
Volume		1939				1597				
P.H.F.		0.929				0.944				
Percentage	29.4%	70.6%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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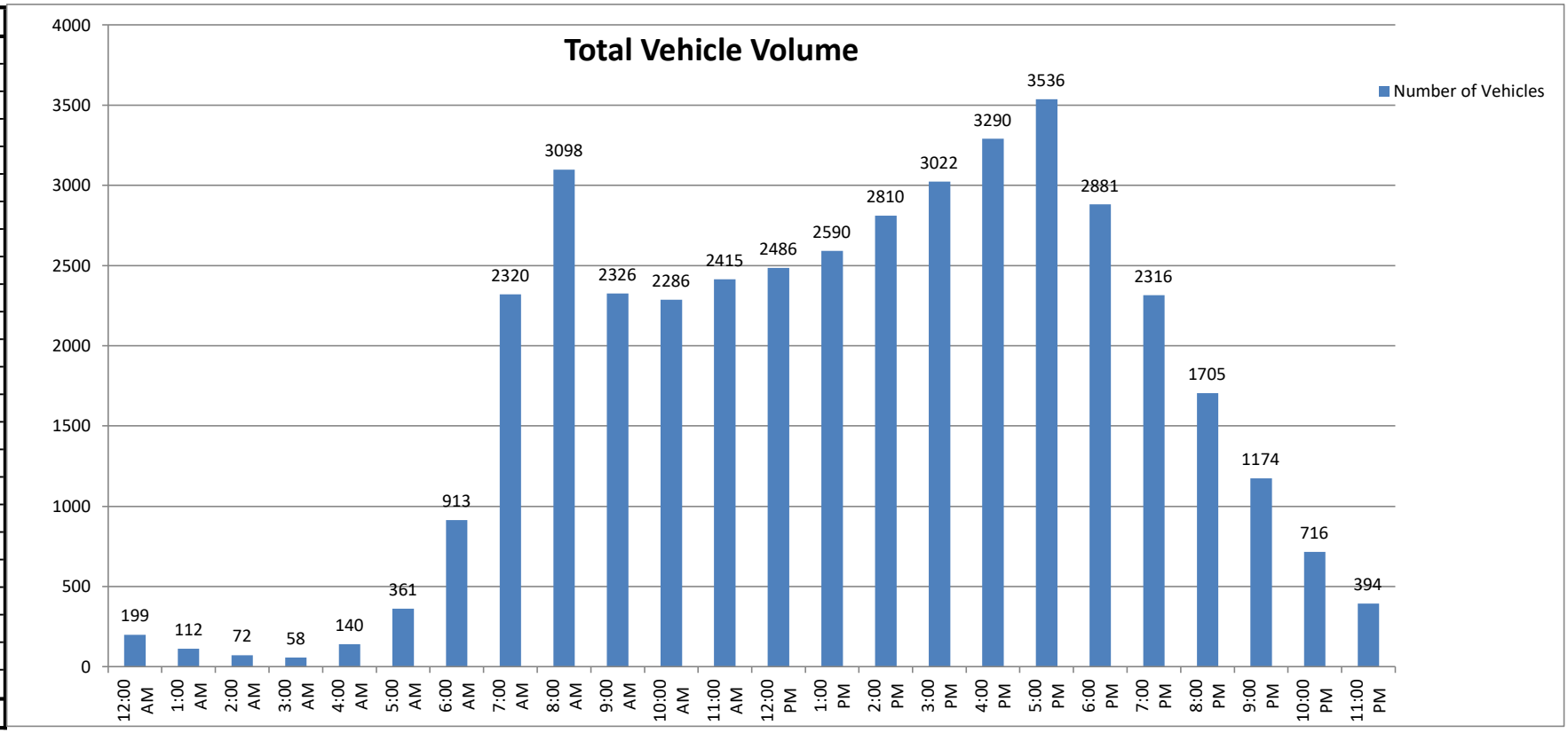
24 Hour Volume Plot

Culver Drive
B/ Walnut Avenue - Scottsdale Drive
12/5/2023

Start Time	12/5/2023
12:00 AM	199
1:00 AM	112
2:00 AM	72
3:00 AM	58
4:00 AM	140
5:00 AM	361
6:00 AM	913
7:00 AM	2320
8:00 AM	3098
9:00 AM	2326
10:00 AM	2286
11:00 AM	2415
12:00 PM	2486
1:00 PM	2590
2:00 PM	2810
3:00 PM	3022
4:00 PM	3290
5:00 PM	3536
6:00 PM	2881
7:00 PM	2316
8:00 PM	1705
9:00 PM	1174
10:00 PM	716
11:00 PM	394
Total	41220



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Walnut Avenue - Scottsdale Drive

File Name 122
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	324			32	301				
12:15	21	354			41	310				
12:30	29	375			27	284				
12:45	21	306	111	1359	23	322	123	1217	234	2576
1:00	18	396			26	323				
1:15	5	375			16	314				
1:30	10	368			14	366				
1:45	11	333	44	1472	13	363	69	1366	113	2838
2:00	8	328			12	332				
2:15	10	356			11	356				
2:30	12	327			6	319				
2:45	7	346	37	1357	10	385	39	1392	76	2749
3:00	9	341			16	335				
3:15	8	359			10	343				
3:30	11	412			9	353				
3:45	14	376	42	1488	13	364	48	1395	90	2883
4:00	15	447			11	402				
4:15	11	419			16	382				
4:30	23	443			26	389				
4:45	24	480	73	1789	37	382	90	1555	163	3344
5:00	21	487			39	381				
5:15	26	519			48	376				
5:30	51	488			55	410				
5:45	40	507	138	2001	101	415	243	1582	381	3583
6:00	65	424			100	405				
6:15	78	443			87	369				
6:30	94	349			99	378				
6:45	114	357	351	1573	166	338	452	1490	803	3063
7:00	170	335			203	311				
7:15	190	309			311	257				
7:30	198	310			365	228				
7:45	248	238	806	1192	469	261	1348	1057	2154	2249
8:00	254	259			496	232				
8:15	292	288			469	205				
8:30	287	230			537	200				
8:45	267	265	1100	1042	512	182	2014	819	3114	1861
9:00	237	200			451	139				
9:15	259	156			380	160				
9:30	232	164			333	120				
9:45	264	172	992	692	310	122	1474	541	2466	1233
10:00	241	124			361	98				
10:15	276	107			332	125				
10:30	252	72			356	77				
10:45	257	68	1026	371	356	76	1405	376	2431	747
11:00	306	65			327	56				
11:15	319	52			341	42				
11:30	335	46			264	37				
11:45	336	34	1296	197	325	51	1257	186	2553	383
Totals	6016	14533			8562	12976				
Combined Totals		20549				21538				
ADT										42087
AM Peak Hour	1100	AM			800	AM				
Volume	1296				2014					
P.H.F.	0.964				0.938					
PM Peak Hour		500	PM			515	PM			
Volume		2001				1606				
P.H.F.		0.964				0.967				
Percentage	29.3%	70.7%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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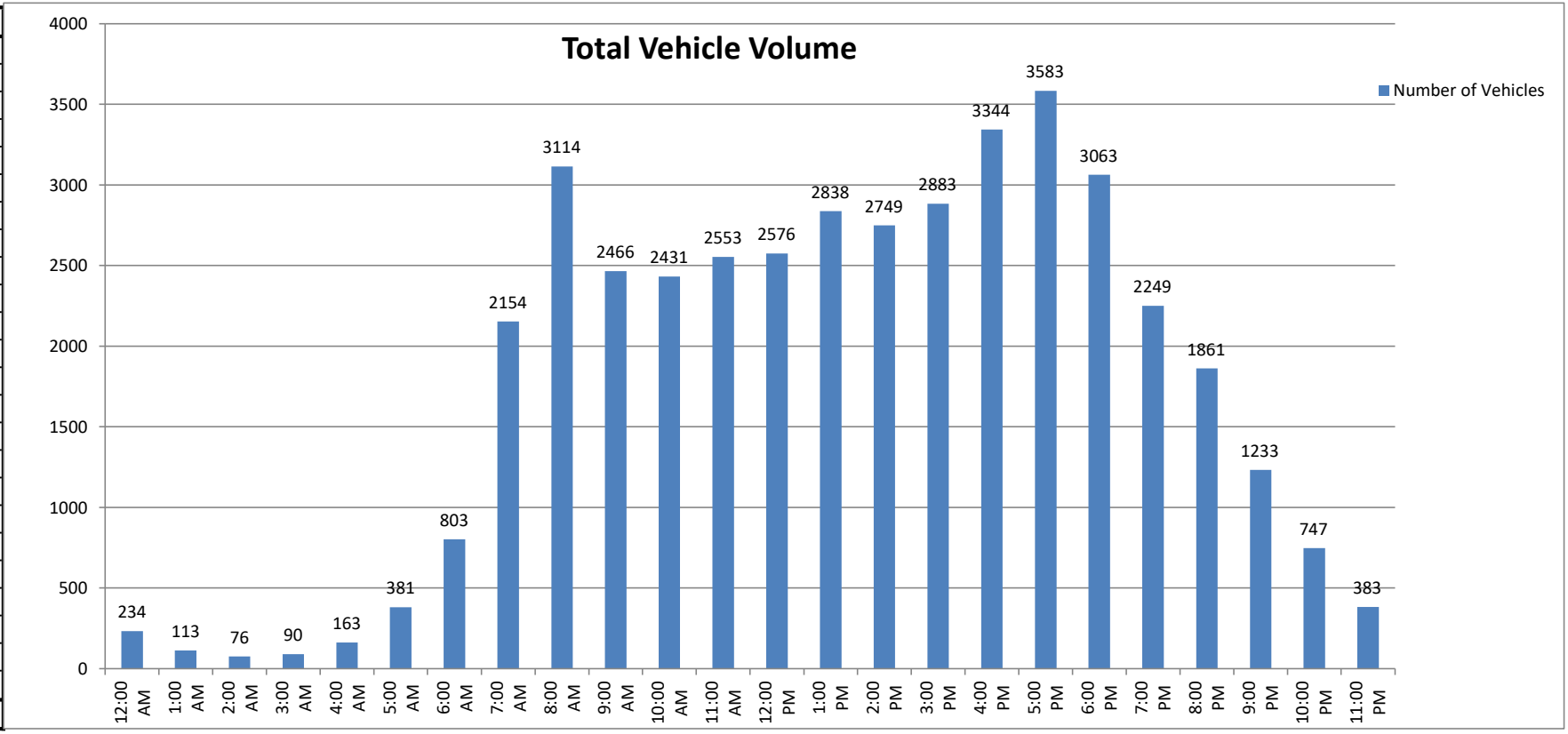
24 Hour Volume Plot

Culver Drive
B/ Walnut Avenue - Scottsdale Drive
12/6/2023

Start Time	12/6/2023
12:00 AM	234
1:00 AM	113
2:00 AM	76
3:00 AM	90
4:00 AM	163
5:00 AM	381
6:00 AM	803
7:00 AM	2154
8:00 AM	3114
9:00 AM	2466
10:00 AM	2431
11:00 AM	2553
12:00 PM	2576
1:00 PM	2838
2:00 PM	2749
3:00 PM	2883
4:00 PM	3344
5:00 PM	3583
6:00 PM	3063
7:00 PM	2249
8:00 PM	1861
9:00 PM	1233
10:00 PM	747
11:00 PM	383
Total	42087



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Walnut Avenue - Scottsdale Drive

File Name 122
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	313			35	293				
12:15	25	345			37	318				
12:30	21	350			24	295				
12:45	20	317	100	1324	22	302	117	1207	217	2531
1:00	18	374			23	321				
1:15	8	349			14	307				
1:30	11	341			16	347				
1:45	10	343	47	1406	14	334	66	1308	113	2714
2:00	8	337			12	320				
2:15	9	373			8	342				
2:30	13	338			8	343				
2:45	8	351	37	1398	10	378	37	1382	74	2780
3:00	8	341			12	339				
3:15	7	395			10	346				
3:30	11	412			8	366				
3:45	9	393	34	1540	10	363	40	1413	74	2953
4:00	10	442			11	400				
4:15	14	407			15	385				
4:30	21	447			23	393				
4:45	27	470	72	1765	32	375	80	1552	152	3317
5:00	23	470			35	388				
5:15	30	506			46	384				
5:30	51	505			63	417				
5:45	39	490	142	1970	86	402	230	1590	371	3560
6:00	67	438			95	396				
6:15	81	433			98	348				
6:30	94	345			118	360				
6:45	129	349	371	1564	178	305	488	1408	858	2972
7:00	173	344			211	294				
7:15	194	314			314	277				
7:30	211	313			375	232				
7:45	258	259	835	1229	504	252	1403	1054	2237	2283
8:00	261	262			501	223				
8:15	305	250			500	196				
8:30	289	226			501	193				
8:45	259	258	1113	996	493	176	1993	788	3106	1783
9:00	221	186			416	148				
9:15	259	162			364	146				
9:30	223	153			339	123				
9:45	260	154	962	654	317	133	1434	550	2396	1204
10:00	248	126			356	109				
10:15	269	98			301	115				
10:30	241	77			346	70				
10:45	271	66	1028	366	329	73	1331	366	2359	732
11:00	285	60			303	57				
11:15	308	53			332	51				
11:30	316	43			286	41				
11:45	329	38	1237	194	327	47	1247	195	2484	389
Totals	5975	14405			8464	12810				
Combined Totals		20380				21274				
ADT										41654
AM Peak Hour	1100	AM			745	AM				
Volume	1237				2004					
P.H.F.	0.940				0.995					
PM Peak Hour		500	PM			515	PM			
Volume		1970				1597				
P.H.F.		0.973				0.959				
Percentage	29.3%	70.7%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Culver Drive
B/ Warner Avenue - Irvine Center Drive

File Name 119
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/5/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	302			18	283				
12:15	31	323			21	321				
12:30	17	296			14	320				
12:45	20	370	97	1291	17	323	70	1247	167	2538
1:00	15	310			11	275				
1:15	12	350			15	339				
1:30	13	304			17	334				
1:45	14	384	54	1348	14	349	57	1297	111	2645
2:00	5	342			8	316				
2:15	9	388			5	287				
2:30	12	377			6	400				
2:45	7	392	33	1499	4	384	23	1387	56	2886
3:00	9	441			7	364				
3:15	3	487			5	345				
3:30	6	429			8	340				
3:45	2	482	20	1839	9	377	29	1426	49	3265
4:00	6	461			12	445				
4:15	10	537			8	389				
4:30	18	498			24	403				
4:45	14	561	48	2057	33	361	77	1598	125	3655
5:00	16	532			35	391				
5:15	26	561			51	413				
5:30	27	527			60	458				
5:45	34	568	103	2188	94	434	240	1696	343	3884
6:00	53	487			79	384				
6:15	46	524			112	321				
6:30	71	348			111	348				
6:45	94	392	264	1751	189	272	491	1325	755	3076
7:00	107	332			229	305				
7:15	161	345			300	263				
7:30	154	295			501	256				
7:45	237	267	659	1239	577	217	1607	1041	2266	2280
8:00	272	254			560	204				
8:15	321	249			537	184				
8:30	282	211			540	196				
8:45	263	226	1138	940	481	173	2118	757	3256	1697
9:00	248	167			419	172				
9:15	230	180			360	133				
9:30	226	119			343	116				
9:45	208	117	912	583	379	146	1501	567	2413	1150
10:00	212	99			373	111				
10:15	284	91			286	97				
10:30	253	101			365	72				
10:45	307	64	1056	355	333	43	1357	323	2413	678
11:00	247	87			312	48				
11:15	295	61			335	58				
11:30	322	44			305	41				
11:45	286	23	1150	215	308	34	1260	181	2410	396
Totals	5534	15305			8830	12845				
Combined Totals		20839				21675				
ADT										42514
AM Peak Hour	1045	AM			745	AM				
Volume	1171				2214					
P.H.F.	0.909				0.959					
PM Peak Hour		500	PM			500	PM			
Volume		2188				1696				
P.H.F.		0.963				0.926				
Percentage	26.6%	73.4%			40.7%	59.3%				

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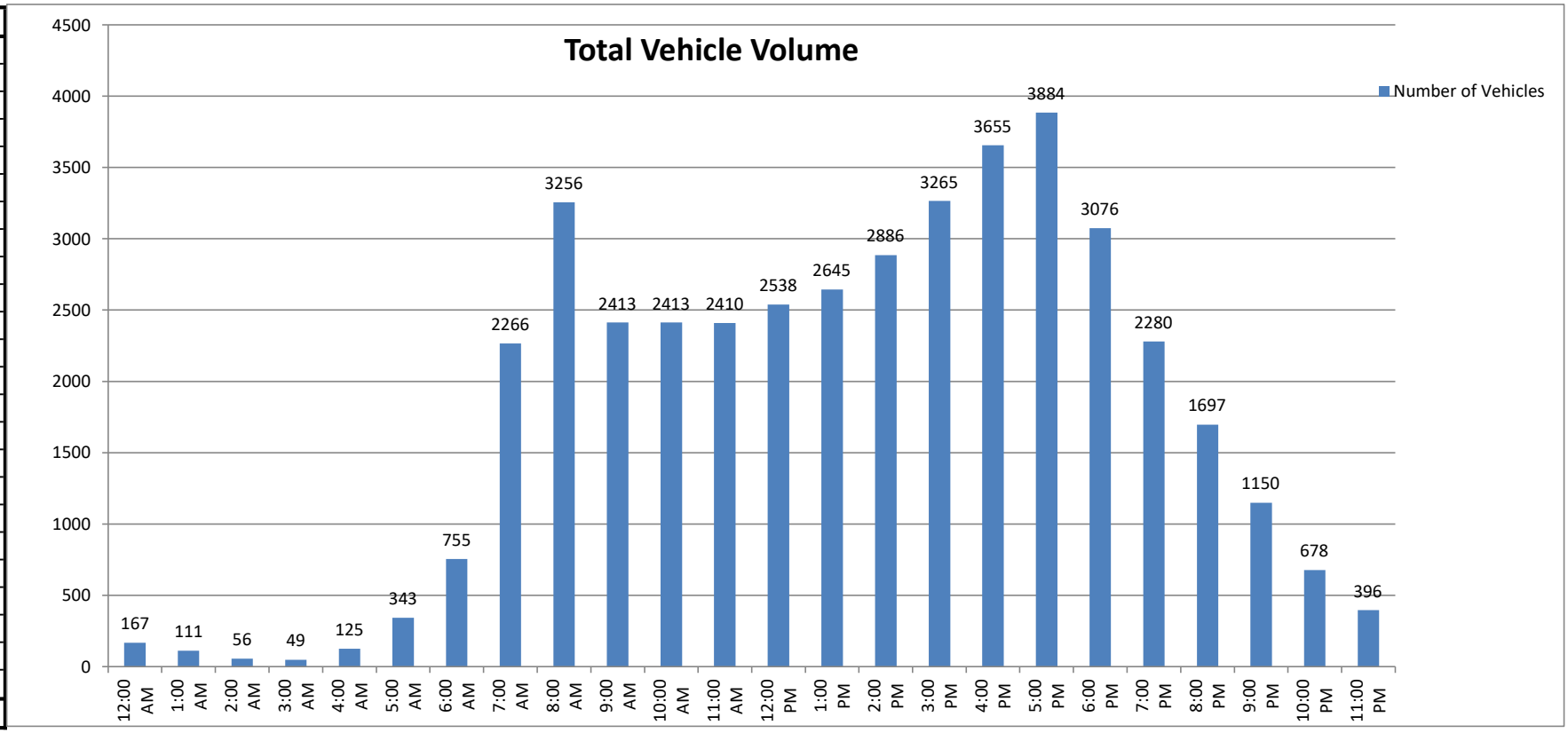
24 Hour Volume Plot

Culver Drive
B/ Warner Avenue - Irvine Center Drive
12/5/2023

Start Time	12/5/2023
12:00 AM	167
1:00 AM	111
2:00 AM	56
3:00 AM	49
4:00 AM	125
5:00 AM	343
6:00 AM	755
7:00 AM	2266
8:00 AM	3256
9:00 AM	2413
10:00 AM	2413
11:00 AM	2410
12:00 PM	2538
1:00 PM	2645
2:00 PM	2886
3:00 PM	3265
4:00 PM	3655
5:00 PM	3884
6:00 PM	3076
7:00 PM	2280
8:00 PM	1697
9:00 PM	1150
10:00 PM	678
11:00 PM	396
Total	42514



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Warner Avenue - Irvine Center Drive

File Name 119
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/6/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	37	305			26	299				
12:15	21	362			21	336				
12:30	33	351			23	298				
12:45	20	331	111	1349	15	361	85	1294	196	2643
1:00	17	398			18	334				
1:15	15	406			16	338				
1:30	14	333			7	375				
1:45	15	374	61	1511	11	376	52	1423	113	2934
2:00	2	329			7	339				
2:15	11	364			9	319				
2:30	11	399			11	378				
2:45	12	372	36	1464	10	372	37	1408	73	2872
3:00	4	371			9	384				
3:15	8	488			9	330				
3:30	13	472			10	372				
3:45	10	522	35	1853	7	372	35	1458	70	3311
4:00	8	468			17	413				
4:15	11	530			18	355				
4:30	15	527			17	411				
4:45	9	574	43	2099	37	360	89	1539	132	3638
5:00	14	526			35	442				
5:15	30	539			47	412				
5:30	35	530			48	454				
5:45	45	547	124	2142	100	413	230	1721	354	3863
6:00	51	483			87	385				
6:15	53	481			114	359				
6:30	90	382			120	420				
6:45	76	438	270	1784	182	304	503	1468	773	3252
7:00	112	345			227	352				
7:15	145	309			324	276				
7:30	154	279			474	252				
7:45	229	274	640	1207	499	236	1524	1116	2164	2323
8:00	270	254			603	231				
8:15	285	260			566	210				
8:30	260	230			581	196				
8:45	283	223	1098	967	522	183	2272	820	3370	1787
9:00	227	189			465	182				
9:15	225	190			354	143				
9:30	220	151			393	151				
9:45	230	141	902	671	352	110	1564	586	2466	1257
10:00	217	102			347	108				
10:15	271	96			317	105				
10:30	255	66			387	60				
10:45	335	69	1078	333	351	64	1402	337	2480	670
11:00	269	62			355	54				
11:15	331	50			329	55				
11:30	334	37			320	31				
11:45	270	40	1204	189	303	40	1307	180	2511	369
Totals	5602	15569			9100	13350				
Combined Totals		21171				22450				
ADT										43621
AM Peak Hour	1045	AM			800	AM				
Volume	1269				2272					
P.H.F.	0.947				0.942					
PM Peak Hour		445	PM			500	PM			
Volume		2169				1721				
P.H.F.		0.945				0.948				
Percentage	26.5%	73.5%			40.5%	59.5%				

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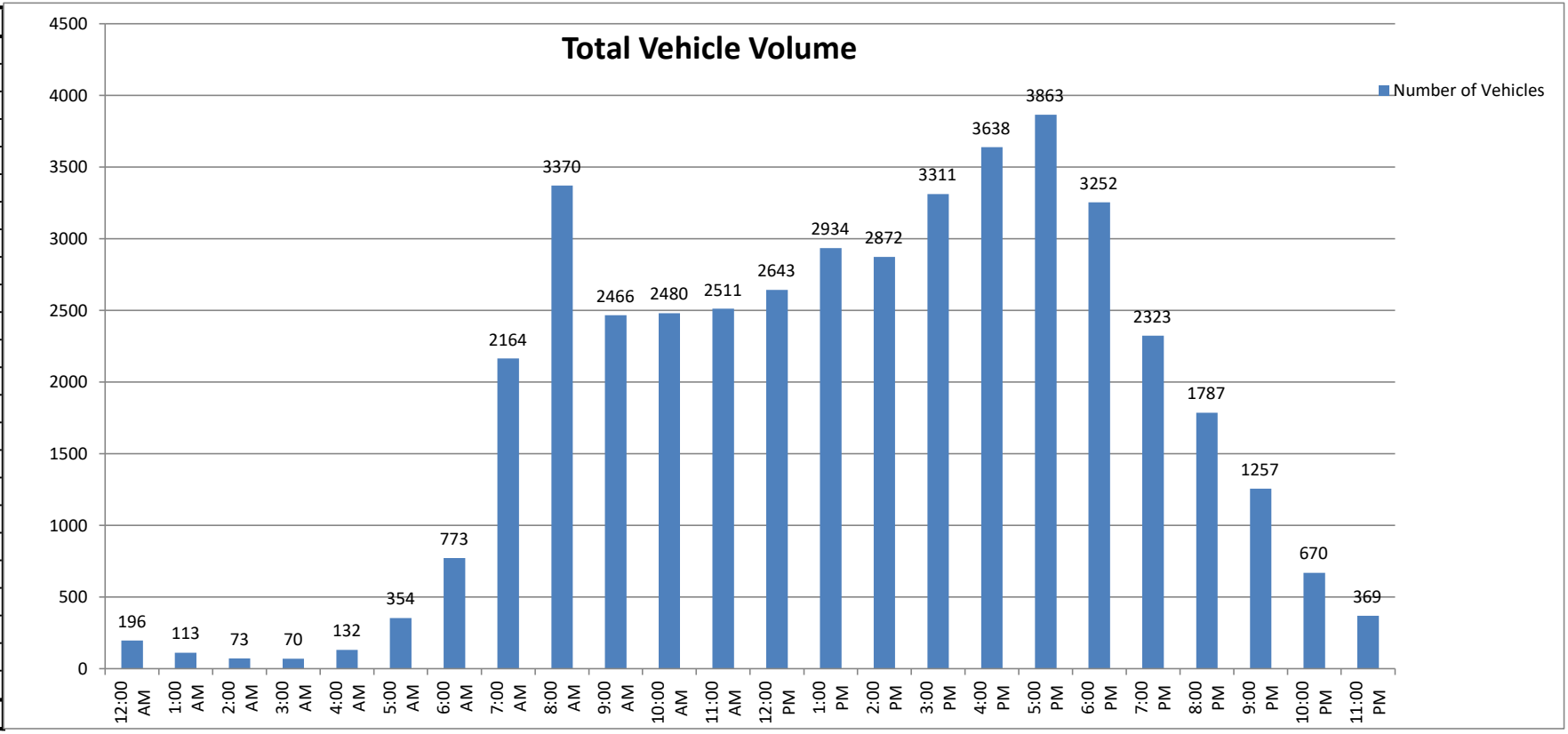
24 Hour Volume Plot

Culver Drive
B/ Warner Avenue - Irvine Center Drive
12/6/2023

Start Time	12/6/2023
12:00 AM	196
1:00 AM	113
2:00 AM	73
3:00 AM	70
4:00 AM	132
5:00 AM	354
6:00 AM	773
7:00 AM	2164
8:00 AM	3370
9:00 AM	2466
10:00 AM	2480
11:00 AM	2511
12:00 PM	2643
1:00 PM	2934
2:00 PM	2872
3:00 PM	3311
4:00 PM	3638
5:00 PM	3863
6:00 PM	3252
7:00 PM	2323
8:00 PM	1787
9:00 PM	1257
10:00 PM	670
11:00 PM	369
Total	43621



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Culver Drive
B/ Warner Avenue - Irvine Center Drive

File Name 119
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	304			22	291				
12:15	26	343			21	329				
12:30	25	324			19	309				
12:45	20	351	104	1320	16	342	78	1271	182	2591
1:00	16	354			15	305				
1:15	14	378			16	339				
1:30	14	319			12	355				
1:45	15	379	58	1430	13	363	55	1360	112	2790
2:00	4	336			8	328				
2:15	10	376			7	303				
2:30	12	388			9	389				
2:45	10	382	35	1482	7	378	30	1398	65	2879
3:00	7	406			8	374				
3:15	6	488			7	338				
3:30	10	451			9	356				
3:45	6	502	28	1846	8	375	32	1442	60	3288
4:00	7	465			15	429				
4:15	11	534			13	372				
4:30	17	513			21	407				
4:45	12	568	46	2078	35	361	83	1569	129	3647
5:00	15	529			35	417				
5:15	28	550			49	413				
5:30	31	529			54	456				
5:45	40	558	114	2165	97	424	235	1709	349	3874
6:00	52	485			83	385				
6:15	50	503			113	340				
6:30	81	365			116	384				
6:45	85	415	267	1768	186	288	497	1397	764	3164
7:00	110	339			228	329				
7:15	153	327			312	270				
7:30	154	287			488	254				
7:45	233	271	650	1223	538	227	1566	1079	2215	2302
8:00	271	254			582	218				
8:15	303	255			552	197				
8:30	271	221			561	196				
8:45	273	225	1118	954	502	178	2195	789	3313	1742
9:00	238	178			442	177				
9:15	228	185			357	138				
9:30	223	135			368	134				
9:45	219	129	907	627	366	128	1533	577	2440	1204
10:00	215	101			360	110				
10:15	278	94			302	101				
10:30	254	84			376	66				
10:45	321	67	1067	344	342	54	1380	330	2447	674
11:00	258	75			334	51				
11:15	313	56			332	57				
11:30	328	41			313	36				
11:45	278	32	1177	202	306	37	1284	181	2461	383
Totals	5568	15437			8965	13098				
Combined Totals		21005				22063				
ADT										43068
AM Peak Hour	1045	AM			745	AM				
Volume	1220				2232					
P.H.F.	0.930				0.959					
PM Peak Hour		445	PM			500	PM			
Volume		2175				1709				
P.H.F.		0.958				0.937				
Percentage	26.5%	73.5%			40.6%	59.4%				

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PO Box 1178
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City of Irvine
East Yale Loop
B/ Alton Parkway - Yale Avenue South

File Name 143
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	73			11	82				
12:15	6	68			3	83				
12:30	5	71			11	68				
12:45	4	67	21	279	5	54	30	287	51	566
1:00	8	83			7	73				
1:15	1	103			7	71				
1:30	1	100			2	74				
1:45	0	94	10	380	0	98	16	316	26	696
2:00	0	89			2	110				
2:15	0	130			1	79				
2:30	0	88			3	119				
2:45	1	94	1	401	2	125	8	433	9	834
3:00	1	160			2	91				
3:15	0	109			1	108				
3:30	1	96			3	105				
3:45	1	119	3	484	1	96	7	400	10	884
4:00	0	83			1	111				
4:15	5	77			0	84				
4:30	3	99			1	116				
4:45	4	86	12	345	2	113	4	424	16	769
5:00	6	119			0	118				
5:15	8	111			2	118				
5:30	13	106			3	130				
5:45	17	92	44	428	3	131	8	497	52	925
6:00	10	94			11	126				
6:15	15	82			10	110				
6:30	30	65			18	107				
6:45	40	60	95	301	15	86	54	429	149	730
7:00	65	66			56	88				
7:15	82	40			45	64				
7:30	116	51			48	91				
7:45	130	36	393	193	115	67	264	310	657	503
8:00	185	27			164	64				
8:15	259	39			111	64				
8:30	142	40			83	63				
8:45	109	22	695	128	59	60	417	251	1112	379
9:00	101	28			61	42				
9:15	110	38			66	43				
9:30	102	19			43	45				
9:45	81	17	394	102	52	33	222	163	616	265
10:00	96	16			49	26				
10:15	76	15			56	26				
10:30	81	10			58	22				
10:45	75	5	328	46	51	18	214	92	542	138
11:00	58	10			77	11				
11:15	106	11			72	27				
11:30	69	3			64	9				
11:45	67	5	300	29	69	12	282	59	582	88
Totals	2296	3116			1526	3661				
Combined Totals		5412				5187				
ADT										10599
AM Peak Hour	745	AM			745	AM				
Volume	716				473					
P.H.F.	0.691				0.721					
PM Peak Hour		300	PM			515	PM			
Volume		484				505				
P.H.F.		0.756				0.964				
Percentage	42.4%	57.6%			29.4%	70.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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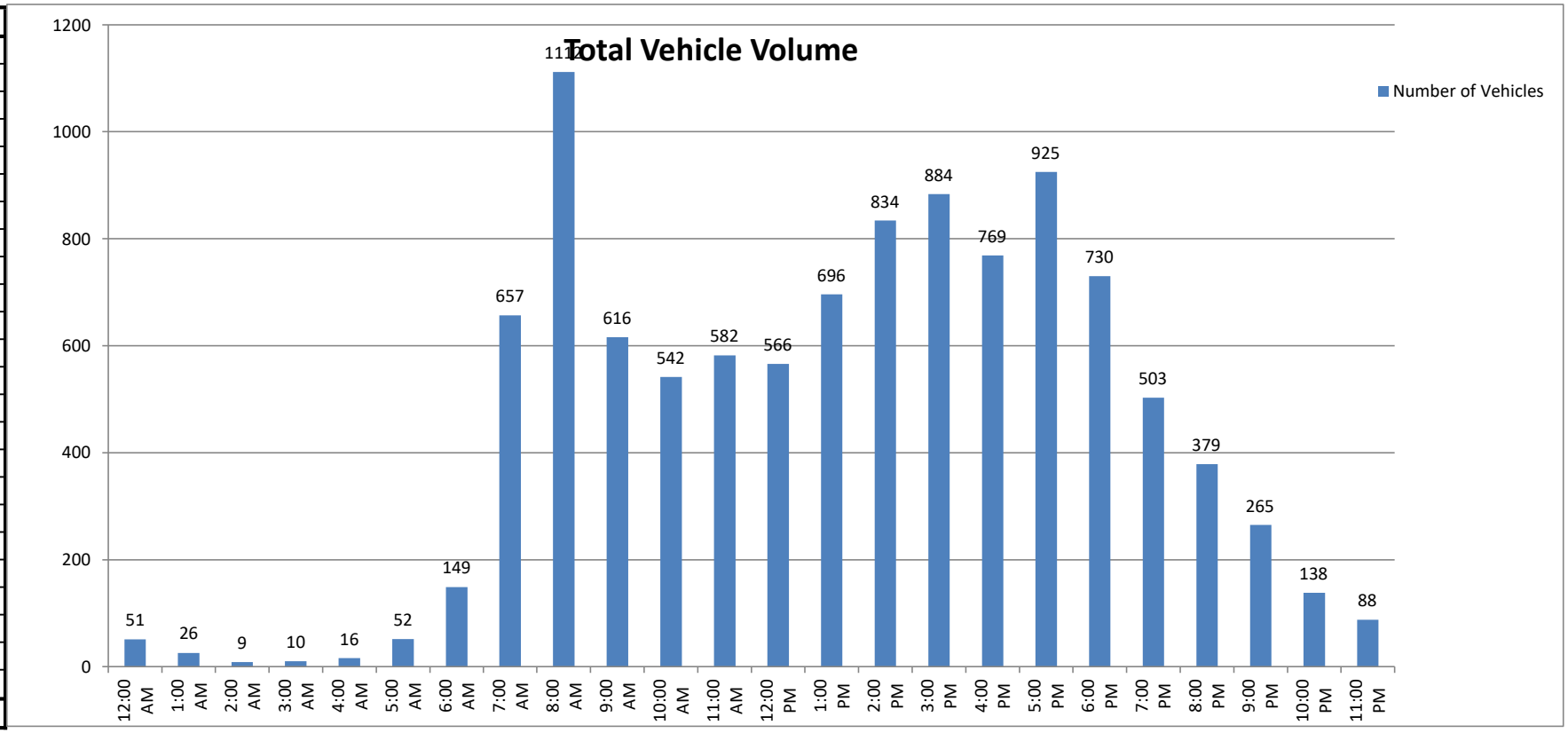
24 Hour Volume Plot

East Yale Loop
B/ Alton Parkway - Yale Avenue South
11/28/2023

Start Time	11/28/2023
12:00 AM	51
1:00 AM	26
2:00 AM	9
3:00 AM	10
4:00 AM	16
5:00 AM	52
6:00 AM	149
7:00 AM	657
8:00 AM	1112
9:00 AM	616
10:00 AM	542
11:00 AM	582
12:00 PM	566
1:00 PM	696
2:00 PM	834
3:00 PM	884
4:00 PM	769
5:00 PM	925
6:00 PM	730
7:00 PM	503
8:00 PM	379
9:00 PM	265
10:00 PM	138
11:00 PM	88
Total	10599



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
East Yale Loop
B/ Alton Parkway - Yale Avenue South

File Name 143
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	88			4	89				
12:15	2	64			8	79				
12:30	4	76			4	74				
12:45	0	87	10	315	4	77	20	319	30	634
1:00	6	97			4	146				
1:15	1	161			3	93				
1:30	3	109			4	91				
1:45	0	87	10	454	4	79	15	409	25	863
2:00	4	79			3	69				
2:15	1	78			0	89				
2:30	3	97			3	103				
2:45	2	94	10	348	0	102	6	363	16	711
3:00	2	152			2	115				
3:15	1	120			2	90				
3:30	5	92			3	91				
3:45	0	101	8	465	0	91	7	387	15	852
4:00	3	106			2	92				
4:15	8	94			0	131				
4:30	9	119			3	120				
4:45	10	94	30	413	3	113	8	456	38	869
5:00	11	102			1	132				
5:15	17	95			8	117				
5:30	25	96			3	117				
5:45	28	90	81	383	5	129	17	495	98	878
6:00	24	101			10	116				
6:15	30	78			11	114				
6:30	44	70			21	89				
6:45	44	61	142	310	23	69	65	388	207	698
7:00	66	57			23	79				
7:15	84	45			45	89				
7:30	114	58			48	80				
7:45	158	35	422	195	98	64	214	312	636	507
8:00	210	37			153	68				
8:15	225	29			92	72				
8:30	140	32			86	50				
8:45	137	24	712	122	90	69	421	259	1133	381
9:00	118	22			62	39				
9:15	108	25			50	44				
9:30	88	26			54	41				
9:45	100	22	414	95	63	33	229	157	643	252
10:00	98	28			50	29				
10:15	87	17			60	36				
10:30	64	13			55	18				
10:45	86	14	335	72	54	16	219	99	554	171
11:00	74	5			77	18				
11:15	85	9			66	12				
11:30	81	6			53	10				
11:45	66	8	306	28	57	14	253	54	559	82
Totals	2480	3200			1474	3698				
Combined Totals		5680				5172				
ADT										10852
AM Peak Hour	745	AM			745	AM				
Volume	733				429					
P.H.F.	0.814				0.701					
PM Peak Hour		300	PM			415	PM			
Volume		465				496				
P.H.F.		0.765				0.939				
Percentage	43.7%	56.3%			28.5%	71.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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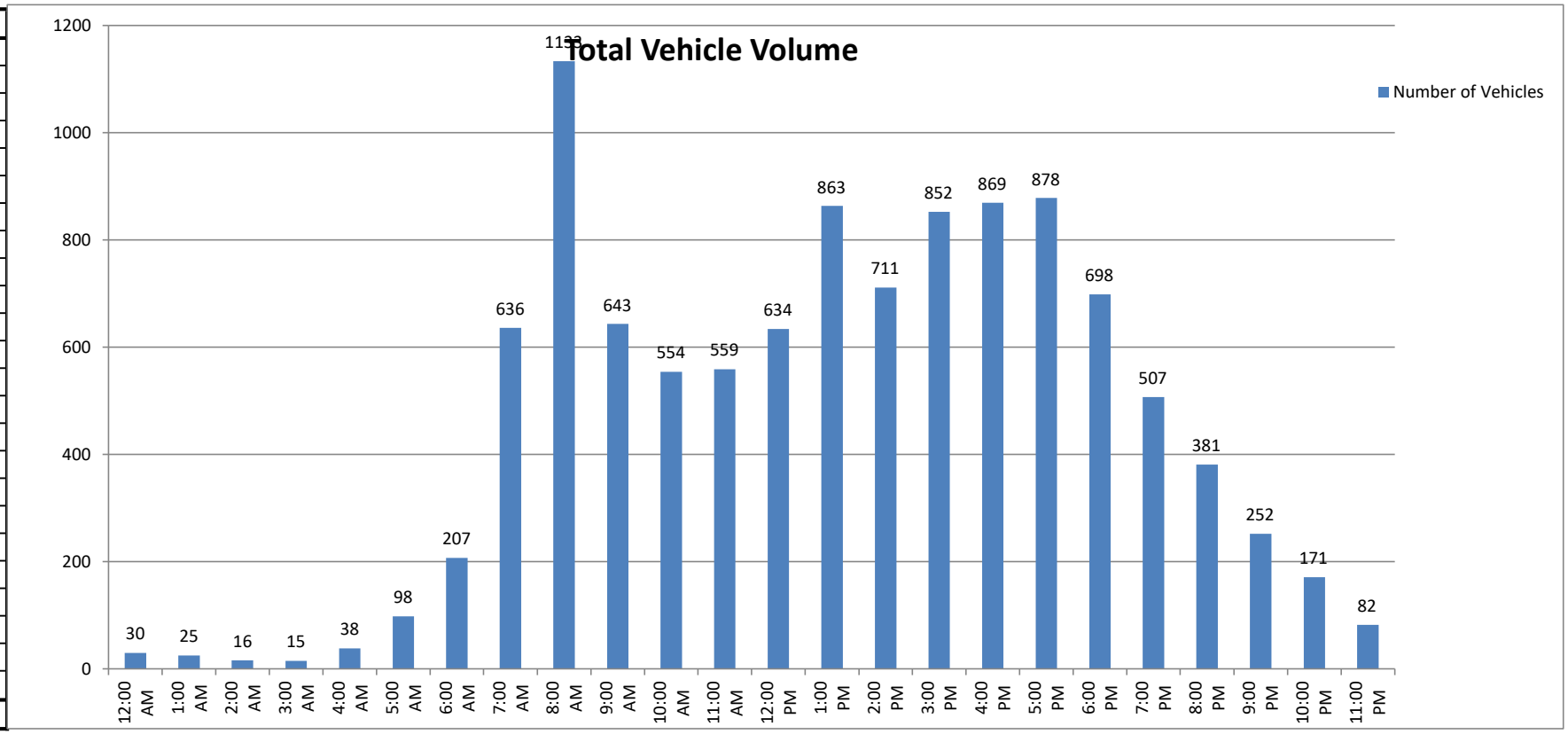
24 Hour Volume Plot

East Yale Loop
B/ Alton Parkway - Yale Avenue South
11/29/2023

Start Time	11/29/2023
12:00 AM	30
1:00 AM	25
2:00 AM	16
3:00 AM	15
4:00 AM	38
5:00 AM	98
6:00 AM	207
7:00 AM	636
8:00 AM	1133
9:00 AM	643
10:00 AM	554
11:00 AM	559
12:00 PM	634
1:00 PM	863
2:00 PM	711
3:00 PM	852
4:00 PM	869
5:00 PM	878
6:00 PM	698
7:00 PM	507
8:00 PM	381
9:00 PM	252
10:00 PM	171
11:00 PM	82
Total	10852



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
East Yale Loop
B/ Alton Parkway - Yale Avenue South

File Name 143
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	81			8	86				
12:15	4	66			6	81				
12:30	5	74			8	71				
12:45	2	77	16	297	5	66	25	303	41	600
1:00	7	90			6	110				
1:15	1	132			5	82				
1:30	2	105			3	83				
1:45	0	91	10	417	2	89	16	363	26	780
2:00	2	84			3	90				
2:15	1	104			1	84				
2:30	2	93			3	111				
2:45	2	94	6	375	1	114	7	398	13	773
3:00	2	156			2	103				
3:15	1	115			2	99				
3:30	3	94			3	98				
3:45	1	110	6	475	1	94	7	394	13	868
4:00	2	95			2	102				
4:15	7	86			0	108				
4:30	6	109			2	118				
4:45	7	90	21	379	3	113	6	440	27	819
5:00	9	111			1	125				
5:15	13	103			5	118				
5:30	19	101			3	124				
5:45	23	91	63	406	4	130	13	496	75	902
6:00	17	98			11	121				
6:15	23	80			11	112				
6:30	37	68			20	98				
6:45	42	61	119	306	19	78	60	409	178	714
7:00	66	62			40	84				
7:15	83	43			45	77				
7:30	115	55			48	86				
7:45	144	36	408	194	107	66	239	311	647	505
8:00	198	32			159	66				
8:15	242	34			102	68				
8:30	141	36			85	57				
8:45	123	23	704	125	75	65	419	255	1123	380
9:00	110	25			62	41				
9:15	109	32			58	44				
9:30	95	23			49	43				
9:45	91	20	404	99	58	33	226	160	630	259
10:00	97	22			50	28				
10:15	82	16			58	31				
10:30	73	12			57	20				
10:45	81	10	332	59	53	17	217	96	548	155
11:00	66	8			77	15				
11:15	96	10			69	20				
11:30	75	5			59	10				
11:45	67	7	303	29	63	13	268	57	571	85
Totals	2388	3158			1500	3680				
Combined Totals		5546				5180				
ADT										10726
AM Peak Hour	745 AM				745 AM					
Volume	725				451					
P.H.F.	0.748				0.711					
PM Peak Hour		300 PM				500 PM				
Volume		475				496				
P.H.F.		0.760				0.954				
Percentage	43.1%	56.9%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
East Yale Loop
B/ Barranca Parkway - Alton Parkway

File Name 142
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	75			3	89				
12:15	7	77			10	75				
12:30	6	74			4	70				
12:45	4	76	24	302	5	62	22	296	46	598
1:00	3	100			4	77				
1:15	5	107			4	61				
1:30	1	80			1	80				
1:45	4	88	13	375	1	80	10	298	23	673
2:00	1	82			3	71				
2:15	1	113			1	85				
2:30	4	115			1	101				
2:45	3	134	9	444	2	101	7	358	16	802
3:00	2	110			2	99				
3:15	1	101			1	136				
3:30	3	86			2	85				
3:45	5	105	11	402	1	83	6	403	17	805
4:00	1	96			1	102				
4:15	3	79			5	91				
4:30	7	98			4	84				
4:45	1	103	12	376	11	93	21	370	33	746
5:00	4	107			3	93				
5:15	9	122			7	90				
5:30	8	104			8	102				
5:45	9	109	30	442	10	107	28	392	58	834
6:00	12	96			21	95				
6:15	10	84			22	59				
6:30	24	67			27	46				
6:45	36	53	82	300	26	48	96	248	178	548
7:00	38	59			43	63				
7:15	61	47			48	37				
7:30	65	45			52	29				
7:45	88	45	252	196	90	38	233	167	485	363
8:00	100	50			142	40				
8:15	159	37			152	35				
8:30	92	25			106	27				
8:45	87	36	438	148	85	27	485	129	923	277
9:00	75	26			69	17				
9:15	102	30			63	19				
9:30	78	21			69	23				
9:45	62	24	317	101	71	13	272	72	589	173
10:00	85	29			67	20				
10:15	85	9			63	8				
10:30	78	12			64	11				
10:45	85	10	333	60	87	6	281	45	614	105
11:00	72	11			89	11				
11:15	80	15			61	6				
11:30	84	15			79	7				
11:45	79	8	315	49	67	7	296	31	611	80
Totals	1836	3195			1757	2809				
Combined Totals		5031				4566				
ADT										9597
AM Peak Hour	745	AM			745	AM				
Volume	439				490					
P.H.F.	0.690				0.806					
PM Peak Hour		215	PM			230	PM			
Volume		472				437				
P.H.F.		0.881				0.803				
Percentage	36.5%	63.5%			38.5%	61.5%				

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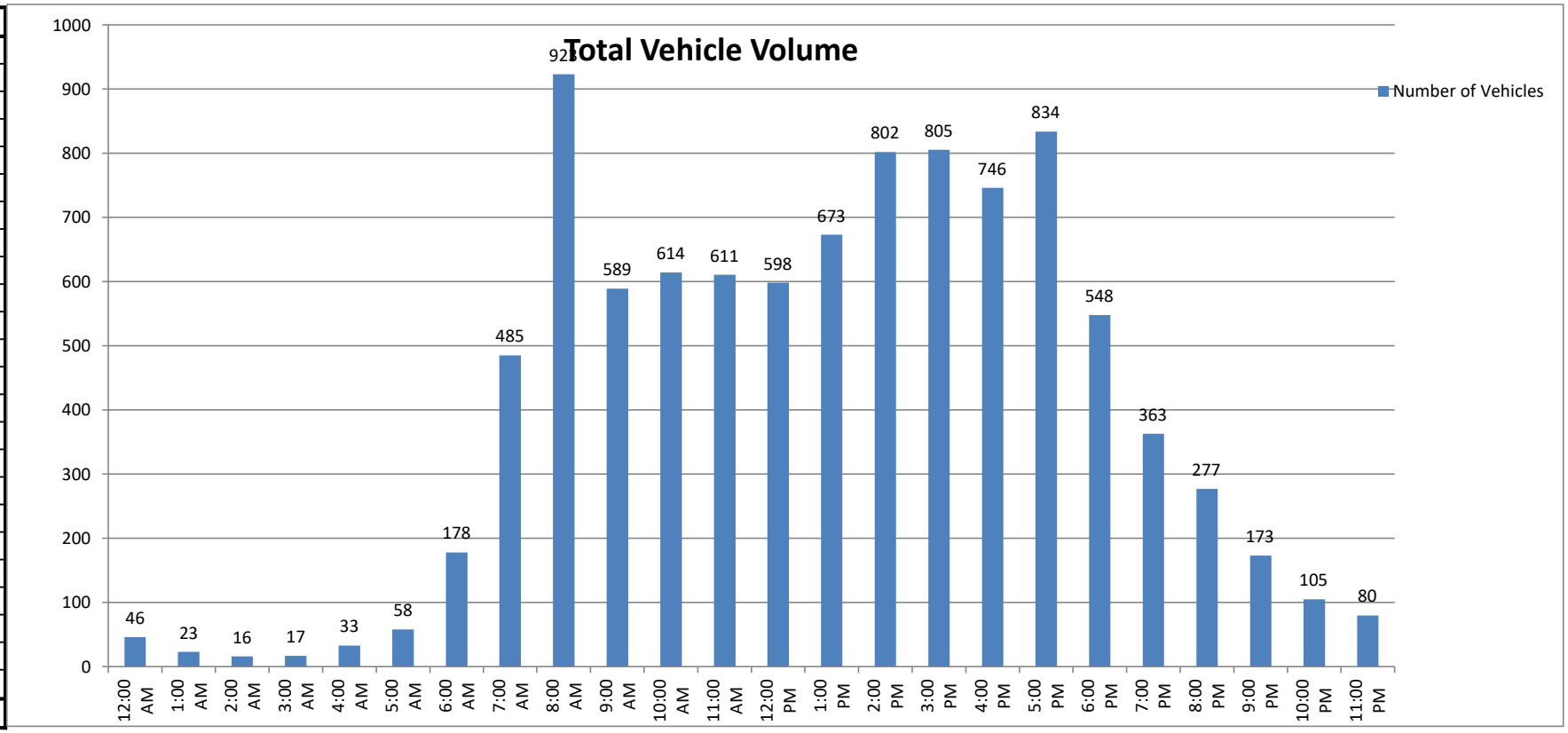
24 Hour Volume Plot

East Yale Loop

B/ Barranca Parkway - Alton Parkway

11/28/2023

Start Time	11/28/2023
12:00 AM	46
1:00 AM	23
2:00 AM	16
3:00 AM	17
4:00 AM	33
5:00 AM	58
6:00 AM	178
7:00 AM	485
8:00 AM	923
9:00 AM	589
10:00 AM	614
11:00 AM	611
12:00 PM	598
1:00 PM	673
2:00 PM	802
3:00 PM	805
4:00 PM	746
5:00 PM	834
6:00 PM	548
7:00 PM	363
8:00 PM	277
9:00 PM	173
10:00 PM	105
11:00 PM	80
Total	9597



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
East Yale Loop
B/ Barranca Parkway - Alton Parkway

File Name 142
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	91			6	84				
12:15	6	93			3	103				
12:30	8	92			5	92				
12:45	3	112	23	388	3	69	17	348	40	736
1:00	8	110			2	87				
1:15	2	110			0	76				
1:30	4	120			1	96				
1:45	5	89	19	429	2	84	5	343	24	772
2:00	1	82			2	88				
2:15	2	98			1	61				
2:30	3	137			2	106				
2:45	1	114	7	431	0	74	5	329	12	760
3:00	4	109			2	114				
3:15	1	111			1	135				
3:30	1	93			1	96				
3:45	4	85	10	398	1	86	5	431	15	829
4:00	4	88			3	94				
4:15	3	103			3	107				
4:30	3	82			7	98				
4:45	5	117	15	390	5	81	18	380	33	770
5:00	3	96			6	106				
5:15	10	102			10	100				
5:30	15	108			14	87				
5:45	8	89	36	395	13	109	43	402	79	797
6:00	8	100			13	76				
6:15	16	89			15	64				
6:30	21	83			13	70				
6:45	25	66	70	338	28	61	69	271	139	609
7:00	43	58			24	46				
7:15	54	51			50	43				
7:30	73	49			56	30				
7:45	87	49	257	207	83	34	213	153	470	360
8:00	100	47			138	39				
8:15	131	30			142	38				
8:30	78	43			80	23				
8:45	105	37	414	157	84	16	444	116	858	273
9:00	91	30			78	19				
9:15	108	32			81	17				
9:30	60	27			59	19				
9:45	76	19	335	108	70	16	288	71	623	179
10:00	90	34			69	16				
10:15	69	17			83	13				
10:30	76	15			80	10				
10:45	85	17	320	83	65	7	297	46	617	129
11:00	85	9			75	9				
11:15	84	8			88	7				
11:30	77	13			72	5				
11:45	74	9	320	39	73	8	308	29	628	68
Totals	1826	3363			1712	2919				
Combined Totals		5189				4631				
ADT										9820
AM Peak Hour	800	AM			800	AM				
Volume	414				444					
P.H.F.	0.790				0.782					
PM Peak Hour		230	PM			300	PM			
Volume		471				431				
P.H.F.		0.859				0.798				
Percentage	35.2%	64.8%			37.0%	63.0%				

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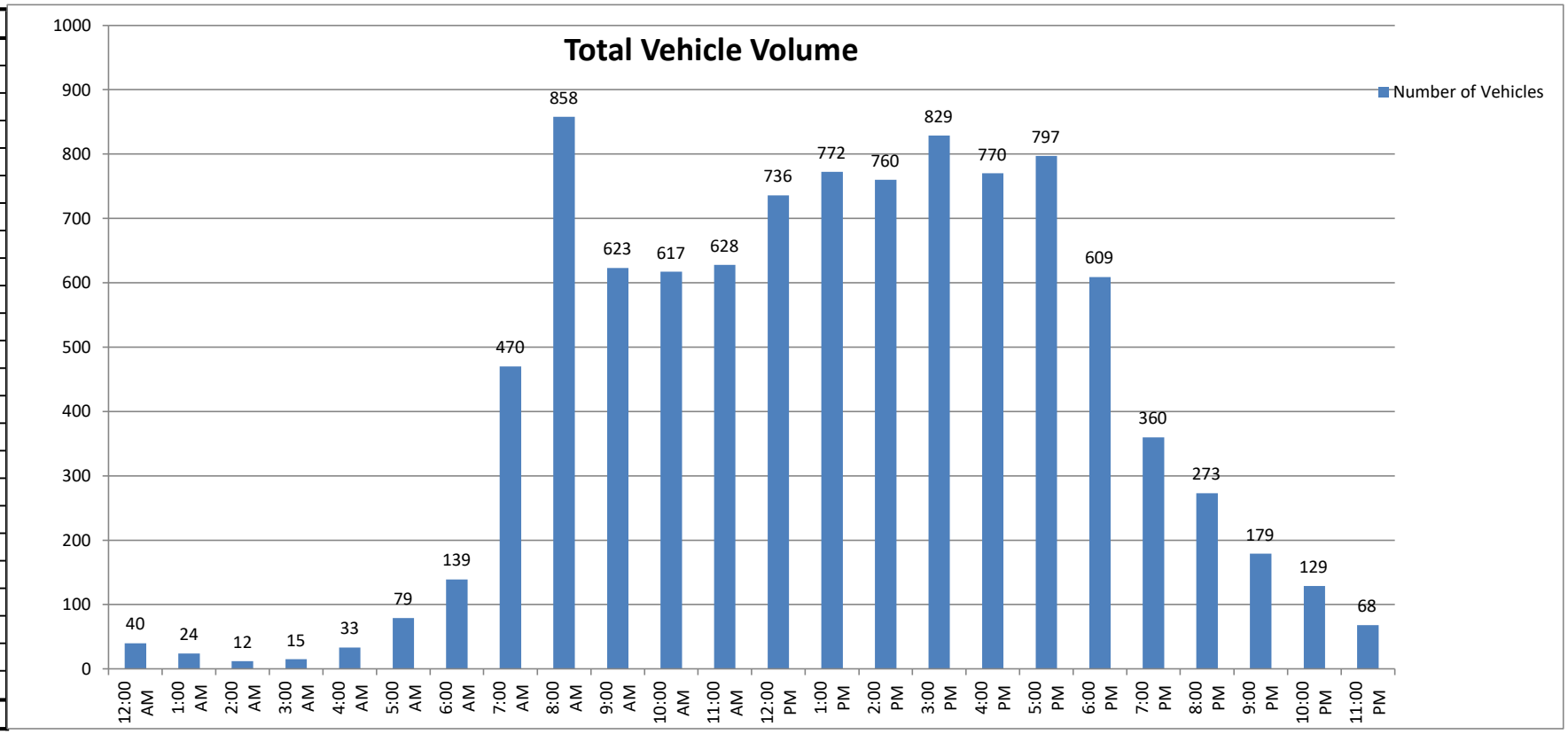
24 Hour Volume Plot

East Yale Loop

B/ Barranca Parkway - Alton Parkway

11/29/2023

Start Time	11/29/2023
12:00 AM	40
1:00 AM	24
2:00 AM	12
3:00 AM	15
4:00 AM	33
5:00 AM	79
6:00 AM	139
7:00 AM	470
8:00 AM	858
9:00 AM	623
10:00 AM	617
11:00 AM	628
12:00 PM	736
1:00 PM	772
2:00 PM	760
3:00 PM	829
4:00 PM	770
5:00 PM	797
6:00 PM	609
7:00 PM	360
8:00 PM	273
9:00 PM	179
10:00 PM	129
11:00 PM	68
Total	9820



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
East Yale Loop
B/ Barranca Parkway - Alton Parkway

File Name 142
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	83			5	87				
12:15	7	85			7	89				
12:30	7	83			5	81				
12:45	4	94	24	345	4	66	20	322	43	667
1:00	6	105			3	82				
1:15	4	109			2	69				
1:30	3	100			1	88				
1:45	5	89	16	402	2	82	8	321	24	723
2:00	1	82			3	80				
2:15	2	106			1	73				
2:30	4	126			2	104				
2:45	2	124	8	438	1	88	6	344	14	781
3:00	3	110			2	107				
3:15	1	106			1	136				
3:30	2	90			2	91				
3:45	5	95	11	400	1	85	6	417	16	817
4:00	3	92			2	98				
4:15	3	91			4	99				
4:30	5	90			6	91				
4:45	3	110	14	383	8	87	20	375	33	758
5:00	4	102			5	100				
5:15	10	112			9	95				
5:30	12	106			11	95				
5:45	9	99	33	419	12	108	36	397	69	816
6:00	10	98			17	86				
6:15	13	87			19	62				
6:30	23	75			20	58				
6:45	31	60	76	319	27	55	83	260	159	579
7:00	41	59			34	55				
7:15	58	49			49	40				
7:30	69	47			54	30				
7:45	88	47	255	202	87	36	223	160	478	362
8:00	100	49			140	40				
8:15	145	34			147	37				
8:30	85	34			93	25				
8:45	96	37	426	153	85	22	465	123	891	275
9:00	83	28			74	18				
9:15	105	31			72	18				
9:30	69	24			64	21				
9:45	69	22	326	105	71	15	280	72	606	176
10:00	88	32			68	18				
10:15	77	13			73	11				
10:30	77	14			72	11				
10:45	85	14	327	72	76	7	289	46	616	117
11:00	79	10			82	10				
11:15	82	12			75	7				
11:30	81	14			76	6				
11:45	77	9	318	44	70	8	302	30	620	74
Totals	1831	3279			1735	2864				
Combined Totals		5110				4599				
ADT										9709
AM Peak Hour	800	AM			745	AM				
Volume	426				467					
P.H.F.	0.734				0.793					
PM Peak Hour		230	PM			230	PM			
Volume		466				433				
P.H.F.		0.924				0.799				
Percentage	35.8%	64.2%			37.7%	62.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
East Yale Loop
B/ Yale Avenue North - Barranca Parkway

File Name 141
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	48			2	32				
12:15	1	30			1	37				
12:30	1	47			2	27				
12:45	2	36	6	161	0	30	5	126	11	287
1:00	4	38			1	33				
1:15	1	46			2	40				
1:30	0	50			1	44				
1:45	1	42	6	176	0	40	4	157	10	333
2:00	1	50			0	37				
2:15	2	65			2	37				
2:30	0	66			0	53				
2:45	1	92	4	273	1	57	3	184	7	457
3:00	1	101			0	72				
3:15	0	48			0	117				
3:30	1	57			0	42				
3:45	2	66	4	272	1	38	1	269	5	541
4:00	1	61			0	52				
4:15	0	62			1	50				
4:30	0	60			0	39				
4:45	3	60	4	243	7	62	8	203	12	446
5:00	8	68			3	41				
5:15	5	69			1	51				
5:30	4	64			3	55				
5:45	2	69	19	270	9	54	16	201	35	471
6:00	4	59			7	47				
6:15	8	41			11	52				
6:30	10	50			8	40				
6:45	23	45	45	195	14	37	40	176	85	371
7:00	40	35			41	30				
7:15	23	29			32	31				
7:30	27	26			27	23				
7:45	66	22	156	112	54	24	154	108	310	220
8:00	92	24			78	24				
8:15	106	27			144	21				
8:30	51	21			56	12				
8:45	40	17	289	89	65	9	343	66	632	155
9:00	42	19			37	15				
9:15	41	11			55	15				
9:30	30	7			35	17				
9:45	52	15	165	52	43	18	170	65	335	117
10:00	36	14			34	11				
10:15	31	8			43	7				
10:30	33	8			45	15				
10:45	37	10	137	40	41	5	163	38	300	78
11:00	39	5			38	7				
11:15	43	4			35	6				
11:30	83	5			33	5				
11:45	50	5	215	19	33	2	139	20	354	39
Totals	1050	1902			1046	1613				
Combined Totals		2952				2659				
ADT										5611
AM Peak Hour	745	AM			800	AM				
Volume	315				343					
P.H.F.	0.743				0.595					
PM Peak Hour		215	PM			230	PM			
Volume		324				299				
P.H.F.		0.802				0.639				
Percentage	35.6%	64.4%			39.3%	60.7%				

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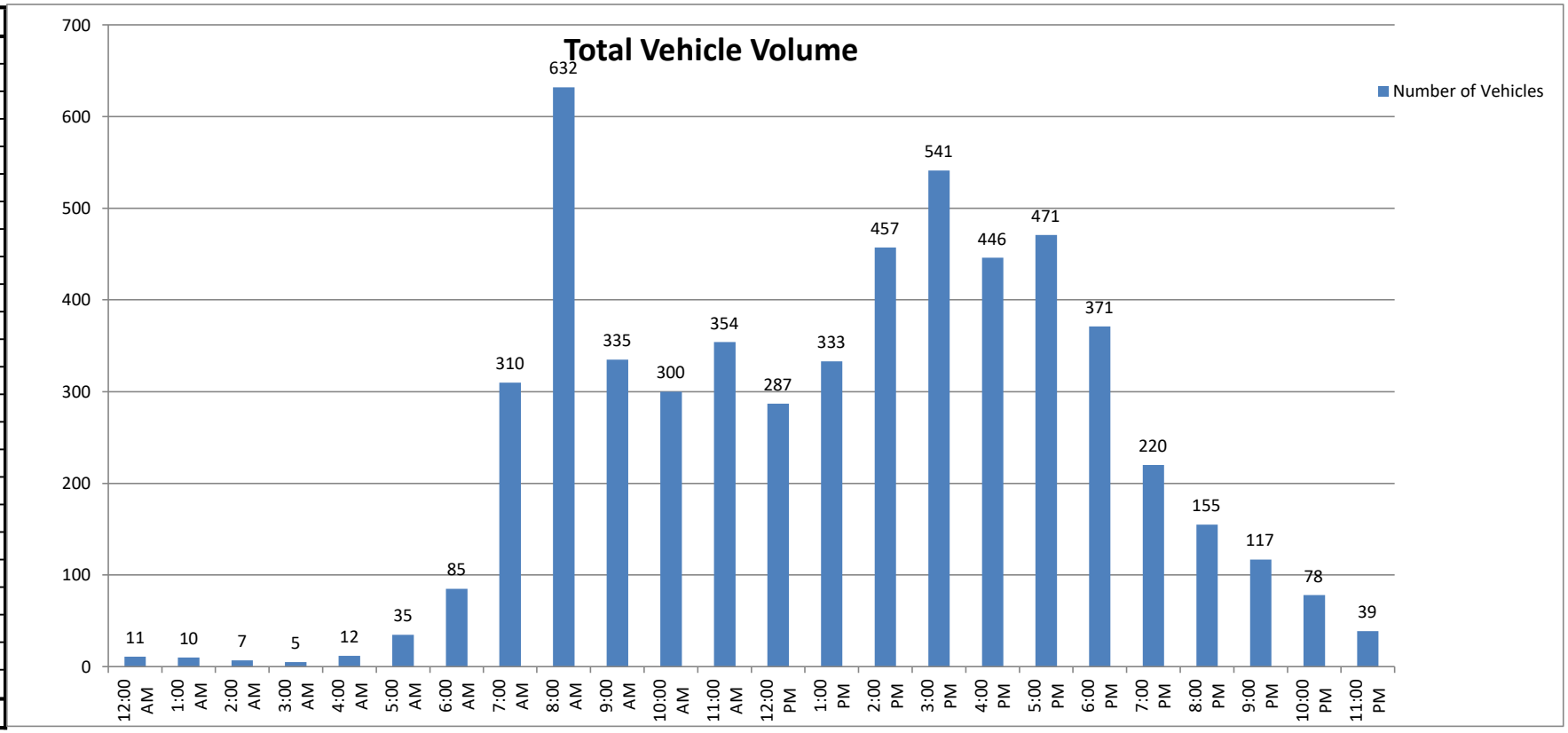
24 Hour Volume Plot

East Yale Loop

B/ Yale Avenue North - Barranca Parkway

11/28/2023

Start Time	11/28/2023
12:00 AM	11
1:00 AM	10
2:00 AM	7
3:00 AM	5
4:00 AM	12
5:00 AM	35
6:00 AM	85
7:00 AM	310
8:00 AM	632
9:00 AM	335
10:00 AM	300
11:00 AM	354
12:00 PM	287
1:00 PM	333
2:00 PM	457
3:00 PM	541
4:00 PM	446
5:00 PM	471
6:00 PM	371
7:00 PM	220
8:00 PM	155
9:00 PM	117
10:00 PM	78
11:00 PM	39
Total	5611



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
East Yale Loop
B/ Yale Avenue North - Barranca Parkway

File Name 141
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	43			0	39				
12:15	1	32			2	48				
12:30	2	43			8	33				
12:45	3	52	8	170	1	44	11	164	19	334
1:00	4	45			2	47				
1:15	0	58			2	55				
1:30	2	60			1	48				
1:45	1	51	7	214	1	45	6	195	13	409
2:00	0	53			1	34				
2:15	0	53			1	54				
2:30	0	76			0	39				
2:45	0	85	0	267	0	36	2	163	2	430
3:00	0	101			0	74				
3:15	0	60			1	108				
3:30	2	51			1	50				
3:45	2	67	4	279	1	41	3	273	7	552
4:00	1	68			1	48				
4:15	1	54			0	66				
4:30	1	64			4	45				
4:45	5	74	8	260	4	44	9	203	17	463
5:00	3	69			5	54				
5:15	6	61			2	47				
5:30	5	76			7	49				
5:45	4	68	18	274	4	45	18	195	36	469
6:00	7	82			7	39				
6:15	9	53			8	43				
6:30	11	42			7	44				
6:45	11	34	38	211	4	46	26	172	64	383
7:00	19	36			17	30				
7:15	21	33			27	25				
7:30	34	36			30	28				
7:45	56	34	130	139	52	28	126	111	256	250
8:00	52	28			85	24				
8:15	46	26			70	35				
8:30	36	24			41	26				
8:45	59	22	193	100	67	18	263	103	456	203
9:00	127	18			80	10				
9:15	60	3			95	8				
9:30	41	10			39	6				
9:45	34	13	262	44	41	8	255	32	517	76
10:00	38	14			35	9				
10:15	33	8			37	9				
10:30	38	7			23	12				
10:45	32	5	141	34	33	7	128	37	269	71
11:00	41	8			28	4				
11:15	49	1			35	6				
11:30	39	5			34	5				
11:45	29	5	158	19	28	3	125	18	283	37
Totals	967	2011			972	1666				
Combined Totals		2978				2638				
ADT										5616
AM Peak Hour	845	AM			830	AM				
Volume	287				283					
P.H.F.	0.565				0.745					
PM Peak Hour		230	PM			300	PM			
Volume		322				273				
P.H.F.		0.797				0.632				
Percentage	32.5%	67.5%			36.8%	63.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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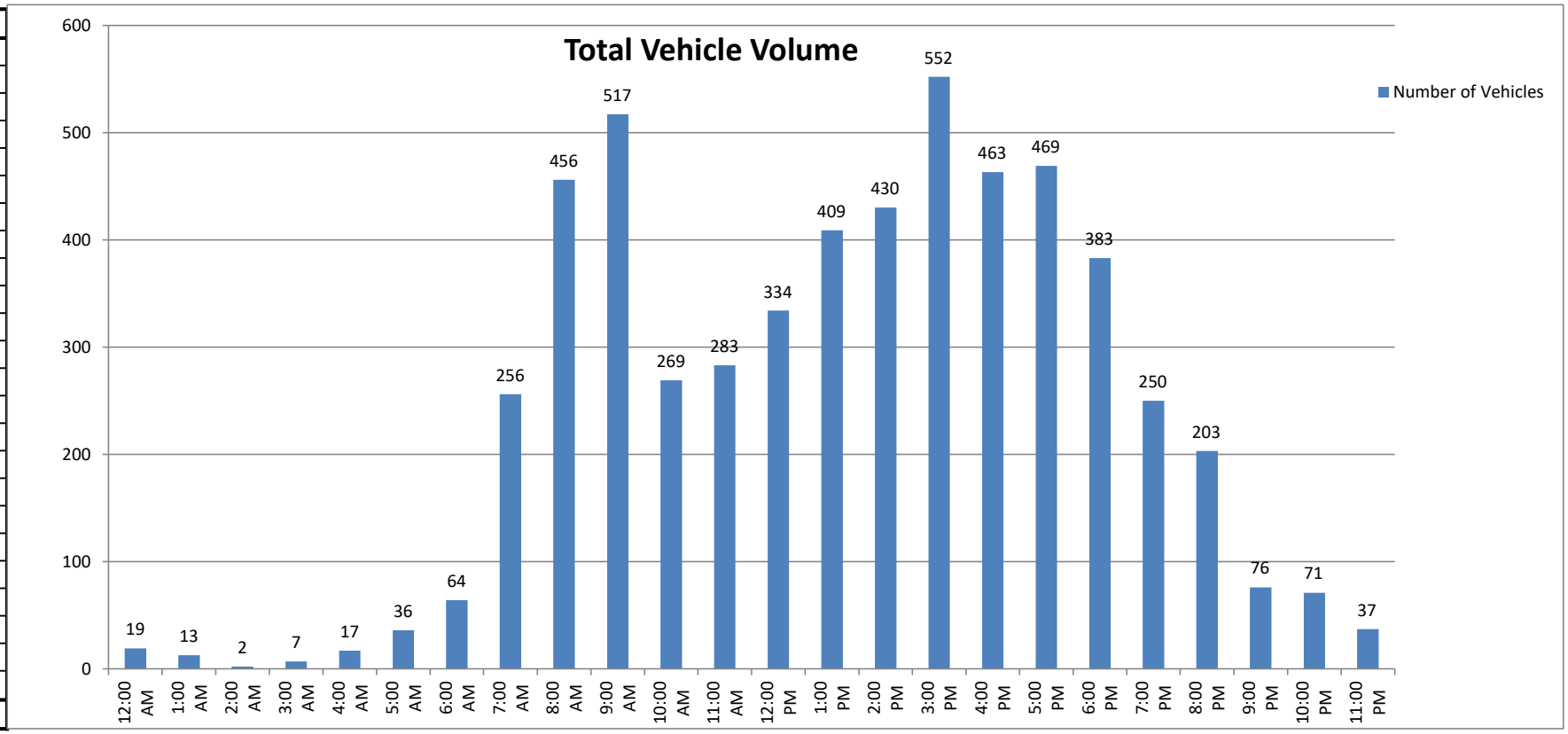
24 Hour Volume Plot

East Yale Loop

B/ Yale Avenue North - Barranca Parkway

11/29/2023

Start Time	11/29/2023
12:00 AM	19
1:00 AM	13
2:00 AM	2
3:00 AM	7
4:00 AM	17
5:00 AM	36
6:00 AM	64
7:00 AM	256
8:00 AM	456
9:00 AM	517
10:00 AM	269
11:00 AM	283
12:00 PM	334
1:00 PM	409
2:00 PM	430
3:00 PM	552
4:00 PM	463
5:00 PM	469
6:00 PM	383
7:00 PM	250
8:00 PM	203
9:00 PM	76
10:00 PM	71
11:00 PM	37
Total	5616



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
East Yale Loop
B/ Yale Avenue North - Barranca Parkway

File Name 141
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	46			1	36				
12:15	1	31			2	43				
12:30	2	45			5	30				
12:45	3	44	7	166	1	37	8	145	15	311
1:00	4	42			2	40				
1:15	1	52			2	48				
1:30	1	55			1	46				
1:45	1	47	7	195	1	43	5	176	12	371
2:00	1	52			1	36				
2:15	1	59			2	46				
2:30	0	71			0	46				
2:45	1	89	2	270	1	47	3	174	5	444
3:00	1	101			0	73				
3:15	0	54			1	113				
3:30	2	54			1	46				
3:45	2	67	4	276	1	40	2	271	6	547
4:00	1	65			1	50				
4:15	1	58			1	58				
4:30	1	62			2	42				
4:45	4	67	6	252	6	53	9	203	15	455
5:00	6	69			4	48				
5:15	6	65			2	49				
5:30	5	70			5	52				
5:45	3	69	19	272	7	50	17	198	36	470
6:00	6	71			7	43				
6:15	9	47			10	48				
6:30	11	46			8	42				
6:45	17	40	42	203	9	42	33	174	75	377
7:00	30	36			29	30				
7:15	22	31			30	28				
7:30	31	31			29	26				
7:45	61	28	143	126	53	26	140	110	283	235
8:00	72	26			82	24				
8:15	76	27			107	28				
8:30	44	23			49	19				
8:45	50	20	241	95	66	14	303	85	544	179
9:00	85	19			59	13				
9:15	51	7			75	12				
9:30	36	9			37	12				
9:45	43	14	214	48	42	13	213	49	426	97
10:00	37	14			35	10				
10:15	32	8			40	8				
10:30	36	8			34	14				
10:45	35	8	139	37	37	6	146	38	285	75
11:00	40	7			33	6				
11:15	46	3			35	6				
11:30	61	5			34	5				
11:45	40	5	187	19	31	3	132	19	319	38
Totals	1009	1957			1009	1640				
Combined Totals		2965				2649				
ADT										5614
AM Peak Hour	815 AM				800 AM					
Volume	254				303					
P.H.F.	0.750				0.708					
PM Peak Hour		215 PM				245 PM				
Volume		320				278				
P.H.F.		0.791				0.618				
Percentage	34.0%	66.0%			38.1%	61.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
El Camino Real
E/ Jamboree Road
24 Hour Directional Volume Count

IRV026
Site Code: 051-24139

Start Time	2/8/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	150			26	182				
12:15		10	159			19	166				
12:30		12	**154**			16	156				
12:45		8	**191**	46	654	6	199	67	703	113	1357
01:00		8	**186**			10	207				
01:15		4	**182**			8	168				
01:30		4	132			11	149				
01:45		9	120	25	620	13	185	42	709	67	1329
02:00		4	119			10	123				
02:15		7	163			4	118				
02:30		7	162			5	192				
02:45		4	110	22	554	2	172	21	605	43	1159
03:00		4	150			7	149				
03:15		7	185			6	**213**				
03:30		6	185			7	**238**				
03:45		16	115	33	635	5	**267**	25	867	58	1502
04:00		13	115			3	**200**				
04:15		23	132			9	173				
04:30		17	136			10	175				
04:45		47	132	100	515	19	183	41	731	141	1246
05:00		38	135			14	216				
05:15		42	168			27	228				
05:30		43	141			27	182				
05:45		79	167	202	611	40	195	108	821	310	1432
06:00		79	147			40	149				
06:15		104	175			51	156				
06:30		96	146			60	138				
06:45		158	168	437	636	57	144	208	587	645	1223
07:00		202	134			92	117				
07:15		256	143			194	143				
07:30		96	109			94	116				
07:45		150	114	704	500	96	126	476	502	1180	1002
08:00		**241**	101			**135**	93				
08:15		**281**	87			**146**	104				
08:30		**223**	97			**165**	122				
08:45		**194**	88	939	373	**101**	113	547	432	1486	805
09:00		148	70			93	59				
09:15		141	74			88	82				
09:30		122	61			92	60				
09:45		144	45	555	250	91	54	364	255	919	505
10:00		120	47			99	58				
10:15		104	47			101	67				
10:30		106	69			104	41				
10:45		108	26	438	189	89	39	393	205	831	394
11:00		104	26			153	48				
11:15		138	26			112	27				
11:30		110	14			147	28				
11:45		146	16	498	82	135	25	547	128	1045	210
Total		3999	5619	3999	5619	2839	6545	2839	6545	6838	12164
Combined Total		9618		9618		9384		9384		19002	
AM Peak	-	08:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	939	-	-	-	547	-	-	-	-	-
P.H.F.		0.835				0.829					
PM Peak	-	-	00:30	-	-	-	03:15	-	-	-	-
Vol.	-	-	713	-	-	-	918	-	-	-	-
P.H.F.			0.933				0.860				
Percentage		41.6%	58.4%			30.3%	69.7%				
ADT/AADT		ADT 19,002		AADT 19,002							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
El Camino Real
E/ Tustin Ranch Road
24 Hour Directional Volume Count

TUS027
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	**213**			8	178				
12:15		2	**203**			5	152				
12:30		3	**196**			6	216				
12:45		2	**208**	12	820	11	202	30	748	42	1568
01:00		1	184			6	224				
01:15		0	159			0	178				
01:30		0	157			1	196				
01:45		3	167	4	667	4	200	11	798	15	1465
02:00		1	145			4	214				
02:15		2	184			2	210				
02:30		3	162			3	209				
02:45		1	162	7	653	5	176	14	809	21	1462
03:00		1	169			1	**231**				
03:15		1	216			4	**202**				
03:30		6	171			0	**246**				
03:45		15	171	23	727	1	**271**	6	950	29	1677
04:00		10	136			9	212				
04:15		16	184			2	219				
04:30		12	160			3	190				
04:45		27	182	65	662	5	217	19	838	84	1500
05:00		13	184			8	189				
05:15		31	204			7	214				
05:30		40	182			37	201				
05:45		65	195	149	765	37	230	89	834	238	1599
06:00		60	184			45	199				
06:15		67	174			68	226				
06:30		47	190			66	173				
06:45		82	160	256	708	68	189	247	787	503	1495
07:00		105	151			81	191				
07:15		112	182			111	169				
07:30		93	131			121	204				
07:45		117	150	427	614	108	168	421	732	848	1346
08:00		131	126			124	186				
08:15		135	127			151	144				
08:30		130	104			126	186				
08:45		110	67	506	424	105	139	506	655	1012	1079
09:00		109	58			111	96				
09:15		117	68			99	97				
09:30		121	32			95	55				
09:45		154	29	501	187	106	66	411	314	912	501
10:00		153	25			123	60				
10:15		148	18			119	35				
10:30		168	10			149	31				
10:45		182	13	651	66	163	38	554	164	1205	230
11:00		**150**	8			**169**	42				
11:15		**201**	22			**125**	19				
11:30		**177**	9			**164**	16				
11:45		**195**	7	723	46	**173**	7	631	84	1354	130
Total		3324	6339	3324	6339	2939	7713	2939	7713	6263	14052
Combined Total		9663		9663		10652		10652		20315	
AM Peak	-	11:00	-	-	-	11:00	-	-	-	-	-
Vol.	-	723	-	-	-	631	-	-	-	-	-
P.H.F.		0.899				0.912					
PM Peak	-	-	12:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	820	-	-	-	950	-	-	-	-
P.H.F.			0.962				0.876				
Percentage		34.4%	65.6%			27.6%	72.4%				
ADT/AADT		ADT 20,315		AADT 20,315							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
El Camino Real North
S/ Bryan Avenue
24 Hour Directional Volume Count

IRV028
Site Code: 051-24139

Start	2/8/24	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	106			3	21				
12:15		10	70			1	32				
12:30		10	55			0	51				
12:45		5	79	36	310	0	55	4	159	40	469
01:00		2	148			1	54				
01:15		5	55			1	42				
01:30		3	74			0	32				
01:45		4	44	14	321	1	24	3	152	17	473
02:00		1	85			0	41				
02:15		3	47			0	53				
02:30		2	176			0	54				
02:45		2	80	8	388	0	45	0	193	8	581
03:00		3	62			2	**57**				
03:15		0	65			1	**77**				
03:30		1	171			4	**86**				
03:45		1	90	5	388	0	**47**	7	267	12	655
04:00		1	83			1	27				
04:15		1	75			3	27				
04:30		3	86			2	33				
04:45		4	**86**	9	330	4	34	10	121	19	451
05:00		3	**123**			7	44				
05:15		4	**134**			5	38				
05:30		5	**91**			3	31				
05:45		10	81	22	429	9	44	24	157	46	586
06:00		9	78			11	42				
06:15		12	97			14	39				
06:30		14	85			17	25				
06:45		12	51	47	311	27	21	69	127	116	438
07:00		29	58			71	28				
07:15		**155**	71			120	41				
07:30		**58**	69			58	31				
07:45		**43**	59	285	257	**73**	19	322	119	607	376
08:00		**59**	53			**101**	23				
08:15		102	44			**152**	13				
08:30		87	33			**85**	11				
08:45		31	46	279	176	58	13	396	60	675	236
09:00		36	56			52	12				
09:15		33	28			47	6				
09:30		33	28			55	10				
09:45		33	18	135	130	42	5	196	33	331	163
10:00		39	19			35	15				
10:15		24	14			23	7				
10:30		32	33			30	7				
10:45		41	11	136	77	27	4	115	33	251	110
11:00		54	10			21	5				
11:15		27	13			21	4				
11:30		40	9			23	6				
11:45		76	9	197	41	33	1	98	16	295	57
Total		1173	3158	1173	3158	1244	1437	1244	1437	2417	4595
Combined Total		4331		4331		2681		2681		7012	
AM Peak	-	07:15	-	-	-	07:45	-	-	-	-	-
Vol.	-	315	-	-	-	411	-	-	-	-	-
P.H.F.		0.508				0.676					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	434	-	-	-	267	-	-	-	-
P.H.F.			0.810				0.776				
Percentage		27.1%	72.9%			46.4%	53.6%				
ADT/AADT		ADT 7,012		AADT 7,012							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
El Toro Road
N/ Aliso Creek Road
24 Hour Directional Volume Count

LWS041
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	100			8	116				
12:15		6	97			8	122				
12:30		8	101			2	120				
12:45		6	93	26	391	4	112	22	470	48	861
01:00		6	108			5	108				
01:15		5	125			2	104				
01:30		7	123			7	146				
01:45		3	106	21	462	3	135	17	493	38	955
02:00		2	107			0	104				
02:15		1	123			1	128				
02:30		1	132			2	103				
02:45		1	121	5	483	1	149	4	484	9	967
03:00		1	124			3	151				
03:15		1	141			6	124				
03:30		1	153			2	118				
03:45		3	132	6	550	7	133	18	526	24	1076
04:00		1	161			4	145				
04:15		2	159			4	147				
04:30		6	168			12	**176**				
04:45		5	153	14	641	9	**149**	29	617	43	1258
05:00		6	**178**			15	**146**				
05:15		10	**186**			19	**175**				
05:30		10	**164**			40	137				
05:45		13	**164**	39	692	43	157	117	615	156	1307
06:00		20	159			34	125				
06:15		20	140			60	116				
06:30		24	103			64	99				
06:45		27	114	91	516	92	94	250	434	341	950
07:00		45	81			99	75				
07:15		54	90			156	76				
07:30		70	59			167	59				
07:45		95	70	264	300	**171**	67	593	277	857	577
08:00		91	67			**166**	53				
08:15		**110**	76			**175**	40				
08:30		**117**	61			**186**	55				
08:45		**122**	70	440	274	165	38	692	186	1132	460
09:00		**108**	50			162	55				
09:15		76	52			124	29				
09:30		107	46			158	27				
09:45		96	42	387	190	127	43	571	154	958	344
10:00		75	32			144	29				
10:15		77	42			132	21				
10:30		94	25			126	16				
10:45		114	30	360	129	136	17	538	83	898	212
11:00		85	15			110	15				
11:15		94	16			129	13				
11:30		116	15			125	5				
11:45		117	7	412	53	112	6	476	39	888	92
Total		2065	4681	2065	4681	3327	4378	3327	4378	5392	9059
Combined Total		6746		6746		7705		7705		14451	
AM Peak	-	08:15	-	-	-	07:45	-	-	-	-	-
Vol.	-	457	-	-	-	698	-	-	-	-	-
P.H.F.		0.936				0.938					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	692	-	-	-	646	-	-	-	-
P.H.F.			0.930				0.918				
Percentage		30.6%	69.4%			43.2%	56.8%				
ADT/AADT		ADT 14,451		AADT 14,451							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
N/ Jeronimo Road
24 Hour Directional Volume Count

LKF037
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		36	313			27	243				
12:15		22	313			17	289				
12:30		13	276			10	263				
12:45		22	296	93	1198	13	271	67	1066	160	2264
01:00		16	310			16	241				
01:15		21	321			10	314				
01:30		14	326			9	301				
01:45		14	332	65	1289	8	251	43	1107	108	2396
02:00		13	325			3	284				
02:15		12	323			5	**324**				
02:30		8	373			8	**313**				
02:45		9	348	42	1369	5	**405**	21	1326	63	2695
03:00		11	479			12	**347**				
03:15		7	434			18	300				
03:30		10	357			15	309				
03:45		8	445	36	1715	20	378	65	1334	101	3049
04:00		16	432			23	332				
04:15		3	417			46	346				
04:30		17	506			60	310				
04:45		19	420	55	1775	47	334	176	1322	231	3097
05:00		30	**479**			64	317				
05:15		26	**469**			99	368				
05:30		51	**489**			130	304				
05:45		55	**439**	162	1876	162	339	455	1328	617	3204
06:00		73	461			128	259				
06:15		76	433			193	300				
06:30		86	379			252	275				
06:45		113	351	348	1624	284	267	857	1101	1205	2725
07:00		149	340			359	172				
07:15		203	293			413	193				
07:30		211	219			**546**	168				
07:45		**238**	235	801	1087	**548**	161	1866	694	2667	1781
08:00		**329**	244			**589**	154				
08:15		**335**	231			**510**	122				
08:30		**269**	210			456	113				
08:45		213	198	1146	883	425	113	1980	502	3126	1385
09:00		203	225			300	110				
09:15		218	201			315	112				
09:30		181	189			283	94				
09:45		224	155	826	770	322	67	1220	383	2046	1153
10:00		165	112			253	65				
10:15		211	122			305	79				
10:30		223	99			255	63				
10:45		212	63	811	396	272	46	1085	253	1896	649
11:00		218	59			276	42				
11:15		259	56			250	24				
11:30		239	66			276	34				
11:45		277	50	993	231	301	31	1103	131	2096	362
Total		5378	14213	5378	14213	8938	10547	8938	10547	14316	24760
Combined Total		19591		19591		19485		19485		39076	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1171	-	-	-	2193	-	-	-	-	-
P.H.F.		0.874				0.931					
PM Peak	-	-	05:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	1876	-	-	-	1389	-	-	-	-
P.H.F.			0.959				0.857				
Percentage		27.5%	72.5%			45.9%	54.1%				
ADT/AADT		ADT 39,076		AADT 39,076							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
El Toro Road
N/ Paseo De Valencia
24 Hour Directional Volume Count

LHS039
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		34	381			13	233				
12:15		36	392			13	251				
12:30		25	344			7	256				
12:45		29	351	124	1468	9	253	42	993	166	2461
01:00		18	346			3	**291**				
01:15		32	332			5	**254**				
01:30		21	364			13	**273**				
01:45		13	336	84	1378	5	**257**	26	1075	110	2453
02:00		13	332			3	285				
02:15		7	372			5	252				
02:30		14	371			1	239				
02:45		3	402	37	1477	5	244	14	1020	51	2497
03:00		4	395			5	249				
03:15		10	378			5	272				
03:30		16	331			5	228				
03:45		16	401	46	1505	6	261	21	1010	67	2515
04:00		13	410			7	226				
04:15		27	376			10	248				
04:30		32	**420**			10	231				
04:45		32	**400**	104	1606	17	230	44	935	148	2541
05:00		51	**426**			22	243				
05:15		56	**407**			24	245				
05:30		66	409			45	215				
05:45		66	337	239	1579	66	233	157	936	396	2515
06:00		104	334			66	237				
06:15		115	325			82	237				
06:30		139	226			115	240				
06:45		161	237	519	1122	145	195	408	909	927	2031
07:00		166	289			168	178				
07:15		194	224			188	153				
07:30		250	192			218	139				
07:45		237	204	847	909	238	149	812	619	1659	1528
08:00		217	194			**234**	128				
08:15		242	166			**252**	93				
08:30		212	160			**248**	113				
08:45		286	167	957	687	**278**	108	1012	442	1969	1129
09:00		243	135			205	119				
09:15		250	124			201	79				
09:30		275	103			199	73				
09:45		248	87	1016	449	194	72	799	343	1815	792
10:00		344	95			232	64				
10:15		271	100			222	44				
10:30		307	79			241	40				
10:45		314	79	1236	353	233	42	928	190	2164	543
11:00		**339**	66			242	29				
11:15		**382**	56			233	15				
11:30		**378**	61			236	19				
11:45		**332**	50	1431	233	248	20	959	83	2390	316
Total		6640	12766	6640	12766	5222	8555	5222	8555	11862	21321
Combined Total		19406		19406		13777		13777		33183	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	1431	-	-	-	1012	-	-	-	-	-
P.H.F.		0.937				0.910					
PM Peak	-	-	04:30	-	-	-	01:00	-	-	-	-
Vol.	-	-	1653	-	-	-	1075	-	-	-	-
P.H.F.			0.970				0.924				
Percentage		34.2%	65.8%			37.9%	62.1%				
ADT/AADT		ADT 33,183		AADT 33,183							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
N/ Portola Parkway
24 Hour Directional Volume Count

LKF029
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		21	72			9	72				
12:15		10	96			5	73				
12:30		16	76			10	88				
12:45		6	86	53	330	3	92	27	325	80	655
01:00		3	71			4	82				
01:15		8	73			2	67				
01:30		3	81			2	69				
01:45		7	87	21	312	4	87	12	305	33	617
02:00		3	98			3	84				
02:15		3	102			1	92				
02:30		1	100			3	85				
02:45		7	82	14	382	3	99	10	360	24	742
03:00		4	142			4	73				
03:15		4	148			6	86				
03:30		3	107			4	87				
03:45		1	157	12	554	5	82	19	328	31	882
04:00		0	157			6	65				
04:15		3	137			5	88				
04:30		6	177			8	90				
04:45		5	153	14	624	27	81	46	324	60	948
05:00		2	141			21	**101**				
05:15		6	**169**			29	**101**				
05:30		10	**166**			45	**104**				
05:45		8	**166**	26	642	53	**87**	148	393	174	1035
06:00		23	**142**			62	73				
06:15		20	142			64	67				
06:30		39	134			75	95				
06:45		42	130	124	548	106	70	307	305	431	853
07:00		35	114			146	63				
07:15		48	115			**189**	53				
07:30		**68**	87			**161**	50				
07:45		**60**	97	211	413	**199**	47	695	213	906	626
08:00		**80**	69			**214**	33				
08:15		**90**	77			187	42				
08:30		64	82			126	40				
08:45		53	52	287	280	152	23	679	138	966	418
09:00		59	60			96	30				
09:15		53	51			118	31				
09:30		60	63			100	26				
09:45		49	53	221	227	85	31	399	118	620	345
10:00		40	43			87	20				
10:15		55	46			76	17				
10:30		47	35			80	16				
10:45		52	31	194	155	79	17	322	70	516	225
11:00		52	29			69	17				
11:15		55	24			73	12				
11:30		76	16			61	13				
11:45		61	24	244	93	66	7	269	49	513	142
Total		1421	4560	1421	4560	2933	2928	2933	2928	4354	7488
Combined Total		5981		5981		5861		5861		11842	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	298	-	-	-	763	-	-	-	-	-
P.H.F.		0.828				0.891					
PM Peak	-	-	05:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	643	-	-	-	393	-	-	-	-
P.H.F.			0.951				0.945				
Percentage		23.8%	76.2%			50.0%	50.0%				
ADT/AADT		ADT 11,842		AADT 11,842							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
N/ Rockfield Boulevard
24 Hour Directional Volume Count

LKF035
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		31	439			25	287				
12:15		29	420			23	342				
12:30		21	381			23	345				
12:45		21	376	102	1616	11	310	82	1284	184	2900
01:00		26	326			19	**359**				
01:15		23	368			18	**356**				
01:30		16	355			15	**348**				
01:45		13	371	78	1420	12	**338**	64	1401	142	2821
02:00		16	397			7	349				
02:15		16	401			7	323				
02:30		8	371			6	335				
02:45		12	431	52	1600	13	337	33	1344	85	2944
03:00		11	447			12	338				
03:15		6	375			17	345				
03:30		15	382			20	343				
03:45		10	427	42	1631	16	343	65	1369	107	3000
04:00		12	459			21	314				
04:15		12	458			38	347				
04:30		25	435			53	300				
04:45		26	440	75	1792	51	301	163	1262	238	3054
05:00		26	**478**			51	354				
05:15		32	**461**			92	354				
05:30		64	**489**			128	323				
05:45		67	**473**	189	1901	111	325	382	1356	571	3257
06:00		89	411			147	336				
06:15		91	395			182	318				
06:30		102	346			216	318				
06:45		139	348	421	1500	289	294	834	1266	1255	2766
07:00		153	321			289	244				
07:15		203	281			328	273				
07:30		226	255			**396**	241				
07:45		212	240	794	1097	**386**	173	1399	931	2193	2028
08:00		274	221			**410**	200				
08:15		288	209			**390**	162				
08:30		282	207			392	170				
08:45		278	173	1122	810	315	162	1507	694	2629	1504
09:00		239	174			297	179				
09:15		257	147			277	133				
09:30		261	132			296	116				
09:45		314	125	1071	578	325	99	1195	527	2266	1105
10:00		264	100			267	80				
10:15		320	91			307	73				
10:30		301	80			266	54				
10:45		289	60	1174	331	317	49	1157	256	2331	587
11:00		**375**	61			296	61				
11:15		**392**	57			296	43				
11:30		**392**	46			285	38				
11:45		**395**	41	1554	205	331	25	1208	167	2762	372
Total		6674	14481	6674	14481	8089	11857	8089	11857	14763	26338
Combined Total		21155		21155		19946		19946		41101	
AM Peak	-	11:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	1554	-	-	-	1582	-	-	-	-	-
P.H.F.		0.984				0.965					
PM Peak	-	-	05:00	-	-	-	01:00	-	-	-	-
Vol.	-	-	1901	-	-	-	1401	-	-	-	-
P.H.F.			0.972				0.976				
Percentage		31.5%	68.5%			40.6%	59.4%				
ADT/AADT		ADT 41,101		AADT 41,101							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

County of Orange
El Toro Road
N/ State Route 73
24 Hour Directional Volume Count

ORC034
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	181			10	211				
12:15		16	197			29	221				
12:30		19	227			26	231				
12:45		14	195	68	800	6	223	71	886	139	1686
01:00		13	202			11	219				
01:15		13	218			6	214				
01:30		12	234			23	276				
01:45		13	230	51	884	7	233	47	942	98	1826
02:00		9	191			7	213				
02:15		8	251			7	226				
02:30		11	270			10	269				
02:45		8	260	36	972	8	292	32	1000	68	1972
03:00		12	285			12	253				
03:15		5	364			9	316				
03:30		14	294			14	340				
03:45		16	327	47	1270	15	288	50	1197	97	2467
04:00		26	352			21	320				
04:15		17	385			25	317				
04:30		27	379			45	**366**				
04:45		45	370	115	1486	46	**381**	137	1384	252	2870
05:00		54	**419**			72	**310**				
05:15		55	**441**			73	**379**				
05:30		64	**435**			147	304				
05:45		75	**431**	248	1726	143	300	435	1293	683	3019
06:00		58	387			174	233				
06:15		93	381			213	262				
06:30		122	329			290	212				
06:45		113	296	386	1393	353	197	1030	904	1416	2297
07:00		135	278			402	163				
07:15		140	236			473	178				
07:30		171	185			**574**	111				
07:45		219	167	665	866	**519**	127	1968	579	2633	1445
08:00		**291**	175			**542**	111				
08:15		**269**	186			**548**	102				
08:30		**268**	183			495	92				
08:45		**285**	167	1113	711	426	83	2011	388	3124	1099
09:00		251	131			372	88				
09:15		181	186			356	72				
09:30		208	144			354	66				
09:45		196	132	836	593	285	69	1367	295	2203	888
10:00		156	111			249	62				
10:15		153	90			285	46				
10:30		148	78			235	43				
10:45		159	74	616	353	223	41	992	192	1608	545
11:00		148	48			211	20				
11:15		176	67			232	30				
11:30		197	26			245	28				
11:45		176	29	697	170	187	22	875	100	1572	270
Total		4878	11224	4878	11224	9015	9160	9015	9160	13893	20384
Combined Total		16102		16102		18175		18175		34277	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	1113	-	-	-	2183	-	-	-	-	-
P.H.F.		0.956				0.951					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	1726	-	-	-	1436	-	-	-	-
P.H.F.			0.978				0.942				
Percentage		30.3%	69.7%			49.6%	50.4%				
ADT/AADT		ADT 34,277		AADT 34,277							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
N/ Toledo Way
24 Hour Directional Volume Count

LKF031
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		34	278			29	231				
12:15		21	303			17	272				
12:30		15	289			11	253				
12:45		20	267	90	1137	10	242	67	998	157	2135
01:00		16	309			15	259				
01:15		19	311			8	291				
01:30		13	310			10	261				
01:45		13	299	61	1229	6	227	39	1038	100	2267
02:00		19	318			6	273				
02:15		7	317			10	**306**				
02:30		11	343			6	**330**				
02:45		6	325	43	1303	10	**422**	32	1331	75	2634
03:00		13	451			13	**321**				
03:15		4	427			13	296				
03:30		12	343			15	294				
03:45		9	457	38	1678	22	386	63	1297	101	2975
04:00		17	396			20	312				
04:15		4	417			37	334				
04:30		18	**504**			47	306				
04:45		22	**438**	61	1755	47	324	151	1276	212	3031
05:00		29	**448**			59	309				
05:15		31	**458**			83	379				
05:30		57	472			123	285				
05:45		74	424	191	1802	140	333	405	1306	596	3108
06:00		74	436			125	254				
06:15		73	421			173	299				
06:30		89	362			228	254				
06:45		122	336	358	1555	280	265	806	1072	1164	2627
07:00		146	337			349	189				
07:15		191	279			432	161				
07:30		186	222			**503**	176				
07:45		**257**	221	780	1059	**568**	157	1852	683	2632	1742
08:00		**321**	229			**615**	146				
08:15		**303**	225			**526**	127				
08:30		**271**	197			439	107				
08:45		209	188	1104	839	375	111	1955	491	3059	1330
09:00		193	179			262	113				
09:15		200	183			290	109				
09:30		175	175			276	85				
09:45		174	135	742	672	273	67	1101	374	1843	1046
10:00		202	118			262	67				
10:15		187	116			264	78				
10:30		204	94			220	65				
10:45		212	64	805	392	270	41	1016	251	1821	643
11:00		228	55			249	48				
11:15		232	49			238	23				
11:30		242	59			277	37				
11:45		247	48	949	211	261	23	1025	131	1974	342
Total		5222	13632	5222	13632	8512	10248	8512	10248	13734	23880
Combined Total		18854		18854		18760		18760		37614	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1152	-	-	-	2212	-	-	-	-	-
P.H.F.		0.897				0.899					
PM Peak	-	-	04:30	-	-	-	02:15	-	-	-	-
Vol.	-	-	1848	-	-	-	1379	-	-	-	-
P.H.F.			0.917				0.817				
Percentage		27.7%	72.3%			45.4%	54.6%				
ADT/AADT		ADT 37,614		AADT 37,614							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
N/ Trabuco Road
24 Hour Directional Volume Count

LKF032
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		30	229			28	204				
12:15		20	260			12	254				
12:30		15	224			12	238				
12:45		15	238	80	951	10	231	62	927	142	1878
01:00		17	255			20	233				
01:15		12	269			14	272				
01:30		14	258			6	264				
01:45		9	269	52	1051	7	239	47	1008	99	2059
02:00		10	270			7	**379**				
02:15		10	273			6	**306**				
02:30		9	313			6	**331**				
02:45		8	290	37	1146	6	**411**	25	1427	62	2573
03:00		12	393			14	281				
03:15		3	374			10	282				
03:30		9	343			19	328				
03:45		8	432	32	1542	13	360	56	1251	88	2793
04:00		9	380			19	261				
04:15		29	418			31	317				
04:30		19	413			48	322				
04:45		17	**432**	74	1643	42	314	140	1214	214	2857
05:00		21	**402**			52	287				
05:15		26	**449**			80	348				
05:30		51	**426**			105	258				
05:45		47	368	145	1645	137	344	374	1237	519	2882
06:00		46	401			124	267				
06:15		67	394			174	328				
06:30		86	334			230	237				
06:45		111	311	310	1440	268	273	796	1105	1106	2545
07:00		138	300			349	191				
07:15		182	241			511	188				
07:30		188	206			**482**	159				
07:45		**199**	211	707	958	**606**	145	1948	683	2655	1641
08:00		**252**	203			**582**	121				
08:15		**322**	195			**546**	114				
08:30		**257**	186			384	120				
08:45		193	181	1024	765	314	123	1826	478	2850	1243
09:00		180	143			307	123				
09:15		151	139			247	102				
09:30		165	133			280	108				
09:45		150	118	646	533	269	67	1103	400	1749	933
10:00		151	100			252	78				
10:15		169	96			230	91				
10:30		150	79			223	65				
10:45		166	57	636	332	226	42	931	276	1567	608
11:00		160	47			230	50				
11:15		200	41			239	19				
11:30		201	56			241	40				
11:45		203	39	764	183	255	20	965	129	1729	312
Total		4507	12189	4507	12189	8273	10135	8273	10135	12780	22324
Combined Total		16696		16696		18408		18408		35104	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1030	-	-	-	2216	-	-	-	-	-
P.H.F.		0.800				0.914					
PM Peak	-	-	04:45	-	-	-	02:00	-	-	-	-
Vol.	-	-	1709	-	-	-	1427	-	-	-	-
P.H.F.			0.952				0.868				
Percentage		27.0%	73.0%			44.9%	55.1%				
ADT/AADT		ADT 35,104		AADT 35,104							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
S/ Jeronimo Road
24 Hour Directional Volume Count

LKF036
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		38	309			22	265				
12:15		23	331			18	320				
12:30		12	334			14	298				
12:45		24	326	97	1300	12	274	66	1157	163	2457
01:00		22	338			15	244				
01:15		21	349			11	345				
01:30		15	341			10	319				
01:45		12	359	70	1387	10	263	46	1171	116	2558
02:00		16	347			3	309				
02:15		12	362			4	311				
02:30		12	396			7	**330**				
02:45		12	362	52	1467	6	**411**	20	1361	72	2828
03:00		12	489			11	**405**				
03:15		5	470			17	**326**				
03:30		11	381			16	330				
03:45		5	457	33	1797	16	354	60	1415	93	3212
04:00		17	442			22	348				
04:15		7	431			42	358				
04:30		16	**505**			62	342				
04:45		16	**455**	56	1833	45	337	171	1385	227	3218
05:00		26	**455**			56	335				
05:15		29	**450**			102	368				
05:30		45	502			120	319				
05:45		61	425	161	1832	147	333	425	1355	586	3187
06:00		66	462			132	271				
06:15		82	427			198	315				
06:30		96	375			245	299				
06:45		117	375	361	1639	260	299	835	1184	1196	2823
07:00		159	349			336	195				
07:15		205	323			415	207				
07:30		250	223			**511**	198				
07:45		**277**	244	891	1139	**542**	177	1804	777	2695	1916
08:00		**366**	228			**622**	162				
08:15		**318**	220			**527**	148				
08:30		**266**	208			447	121				
08:45		230	201	1180	857	399	131	1995	562	3175	1419
09:00		214	203			296	135				
09:15		241	170			305	143				
09:30		214	156			294	117				
09:45		254	141	923	670	307	64	1202	459	2125	1129
10:00		182	112			286	88				
10:15		238	117			309	79				
10:30		258	101			277	60				
10:45		225	60	903	390	290	45	1162	272	2065	662
11:00		249	59			290	41				
11:15		261	55			295	26				
11:30		260	61			294	38				
11:45		308	50	1078	225	313	29	1192	134	2270	359
Total		5805	14536	5805	14536	8978	11232	8978	11232	14783	25768
Combined Total		20341		20341		20210		20210		40551	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1227	-	-	-	2202	-	-	-	-	-
P.H.F.		0.838				0.885					
PM Peak	-	-	04:30	-	-	-	02:30	-	-	-	-
Vol.	-	-	1865	-	-	-	1472	-	-	-	-
P.H.F.			0.923				0.895				
Percentage		28.5%	71.5%			44.4%	55.6%				
ADT/AADT		ADT 40,551		AADT 40,551							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
El Toro Road
S/ Moulton Parkway
24 Hour Directional Volume Count

LWS038
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	308			11	278				
12:15		11	258			6	261				
12:30		6	281			4	289				
12:45		14	244	41	1091	10	339	31	1167	72	2258
01:00		7	274			9	275				
01:15		5	265			6	282				
01:30		3	294			10	291				
01:45		6	273	21	1106	3	274	28	1122	49	2228
02:00		3	274			2	289				
02:15		2	269			0	278				
02:30		2	288			2	261				
02:45		2	282	9	1113	2	305	6	1133	15	2246
03:00		2	270			4	238				
03:15		3	**335**			4	286				
03:30		5	**278**			0	**307**				
03:45		7	**330**	17	1213	14	**283**	22	1114	39	2327
04:00		2	**283**			6	**305**				
04:15		13	320			11	**294**				
04:30		8	275			16	301				
04:45		17	278	40	1156	31	254	64	1154	104	2310
05:00		22	335			21	316				
05:15		23	310			37	271				
05:30		42	273			38	275				
05:45		43	239	130	1157	77	256	173	1118	303	2275
06:00		68	231			57	239				
06:15		58	204			76	206				
06:30		100	167			108	173				
06:45		100	166	326	768	126	216	367	834	693	1602
07:00		117	148			173	180				
07:15		155	122			227	148				
07:30		184	112			190	121				
07:45		192	99	648	481	295	130	885	579	1533	1060
08:00		256	81			258	118				
08:15		244	95			239	111				
08:30		255	81			256	100				
08:45		256	78	1011	335	264	112	1017	441	2028	776
09:00		248	62			280	80				
09:15		218	67			213	65				
09:30		246	49			256	71				
09:45		252	81	964	259	266	60	1015	276	1979	535
10:00		234	36			**300**	59				
10:15		245	63			**247**	36				
10:30		223	35			**261**	42				
10:45		**291**	39	993	173	**274**	40	1082	177	2075	350
11:00		**291**	22			242	21				
11:15		**261**	18			247	18				
11:30		**275**	16			271	23				
11:45		273	8	1100	64	288	15	1048	77	2148	141
Total		5300	8916	5300	8916	5738	9192	5738	9192	11038	18108
Combined Total		14216		14216		14930		14930		29146	
AM Peak	-	10:45	-	-	-	10:00	-	-	-	-	-
Vol.	-	1118	-	-	-	1082	-	-	-	-	-
P.H.F.		0.960				0.902					
PM Peak	-	-	03:15	-	-	-	03:30	-	-	-	-
Vol.	-	-	1226	-	-	-	1189	-	-	-	-
P.H.F.			0.915				0.968				
Percentage		37.3%	62.7%			38.4%	61.6%				
ADT/AADT		ADT 29,146		AADT 29,146							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
El Toro Road
S/ Paseo De Valencia
24 Hour Directional Volume Count

LWS040
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		15	285			16	257				
12:15		18	253			17	263				
12:30		17	269			13	250				
12:45		26	268	76	1075	12	301	58	1071	134	2146
01:00		11	268			7	250				
01:15		13	252			12	262				
01:30		8	298			17	295				
01:45		9	256	41	1074	5	295	41	1102	82	2176
02:00		11	276			4	250				
02:15		3	309			5	**303**				
02:30		6	252			2	**288**				
02:45		5	323	25	1160	7	**291**	18	1132	43	2292
03:00		7	272			8	**280**				
03:15		6	277			3	278				
03:30		9	246			4	272				
03:45		16	**308**	38	1103	20	284	35	1114	73	2217
04:00		9	**341**			12	283				
04:15		19	**277**			11	288				
04:30		22	**299**			21	278				
04:45		23	276	73	1193	20	251	64	1100	137	2293
05:00		34	291			28	282				
05:15		41	296			35	271				
05:30		50	331			66	251				
05:45		49	252	174	1170	83	239	212	1043	386	2213
06:00		80	267			64	254				
06:15		90	221			94	248				
06:30		112	187			134	225				
06:45		149	199	431	874	157	222	449	949	880	1823
07:00		126	190			152	184				
07:15		149	124			197	161				
07:30		203	128			196	148				
07:45		205	116	683	558	236	146	781	639	1464	1197
08:00		232	101			235	132				
08:15		209	115			237	130				
08:30		222	88			247	119				
08:45		259	143	922	447	275	103	994	484	1916	931
09:00		236	96			247	97				
09:15		213	78			235	94				
09:30		240	64			247	74				
09:45		246	66	935	304	226	74	955	339	1890	643
10:00		260	70			**266**	70				
10:15		232	58			**256**	45				
10:30		253	47			**266**	48				
10:45		235	42	980	217	**260**	40	1048	203	2028	420
11:00		**283**	30			242	42				
11:15		**303**	19			260	29				
11:30		**289**	34			265	20				
11:45		**273**	15	1148	98	275	29	1042	120	2190	218
Total		5526	9273	5526	9273	5697	9296	5697	9296	11223	18569
Combined Total		14799		14799		14993		14993		29792	
AM Peak	-	11:00	-	-	-	10:00	-	-	-	-	-
Vol.	-	1148	-	-	-	1048	-	-	-	-	-
P.H.F.		0.947				0.985					
PM Peak	-	-	03:45	-	-	-	02:15	-	-	-	-
Vol.	-	-	1225	-	-	-	1162	-	-	-	-
P.H.F.			0.898				0.959				
Percentage		37.3%	62.7%			38.0%	62.0%				
ADT/AADT		ADT 29,792		AADT 29,792							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
El Toro Road
S/ Portola Parkway
24 Hour Directional Volume Count

LKF030
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		22	178			18	178				
12:15		15	170			13	178				
12:30		22	174			16	168				
12:45		14	197	73	719	11	187	58	711	131	1430
01:00		9	161			8	186				
01:15		3	208			5	153				
01:30		5	177			6	153				
01:45		15	205	32	751	9	180	28	672	60	1423
02:00		5	180			10	157				
02:15		9	171			2	199				
02:30		6	205			6	227				
02:45		9	198	29	754	6	244	24	827	53	1581
03:00		9	268			8	184				
03:15		12	276			5	225				
03:30		8	179			9	239				
03:45		10	276	39	999	9	236	31	884	70	1883
04:00		9	266			12	223				
04:15		8	288			16	219				
04:30		25	293			22	**230**				
04:45		30	310	72	1157	29	**201**	79	873	151	2030
05:00		22	**277**			35	**252**				
05:15		22	**343**			40	**259**				
05:30		46	**317**			60	230				
05:45		68	**315**	158	1252	71	200	206	941	364	2193
06:00		61	258			97	194				
06:15		59	280			99	174				
06:30		85	240			114	209				
06:45		115	215	320	993	179	186	489	763	809	1756
07:00		137	215			225	164				
07:15		162	169			**282**	145				
07:30		**216**	125			**294**	144				
07:45		**215**	154	730	663	**351**	142	1152	595	1882	1258
08:00		**224**	120			**328**	128				
08:15		**272**	154			278	118				
08:30		211	100			241	111				
08:45		181	97	888	471	233	90	1080	447	1968	918
09:00		152	88			189	137				
09:15		150	83			196	114				
09:30		119	91			169	92				
09:45		115	73	536	335	176	77	730	420	1266	755
10:00		104	62			155	69				
10:15		100	70			157	74				
10:30		130	42			154	50				
10:45		126	46	460	220	153	47	619	240	1079	460
11:00		141	39			169	41				
11:15		129	39			165	28				
11:30		156	31			180	30				
11:45		138	28	564	137	160	16	674	115	1238	252
Total		3901	8451	3901	8451	5170	7488	5170	7488	9071	15939
Combined Total		12352		12352		12658		12658		25010	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	927	-	-	-	1255	-	-	-	-	-
P.H.F.		0.852				0.894					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	1252	-	-	-	942	-	-	-	-
P.H.F.			0.913				0.909				
Percentage		31.6%	68.4%			40.8%	59.2%				
ADT/AADT		ADT 25,010		AADT 25,010							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

County of Orange
El Toro Road
S/ State Route 73
24 Hour Directional Volume Count

ORC033
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	126			1	114				
12:15		4	132			8	137				
12:30		6	127			2	112				
12:45		6	106	24	491	1	129	12	492	36	983
01:00		4	125			7	120				
01:15		4	112			1	108				
01:30		5	133			3	133				
01:45		4	121	17	491	1	114	12	475	29	966
02:00		0	124			2	108				
02:15		2	149			1	110				
02:30		1	164			1	128				
02:45		2	142	5	579	2	117	6	463	11	1042
03:00		2	129			3	**131**				
03:15		5	152			2	**129**				
03:30		1	154			1	**127**				
03:45		3	145	11	580	5	**135**	11	522	22	1102
04:00		4	155			3	107				
04:15		1	156			7	127				
04:30		6	145			13	120				
04:45		7	**148**	18	604	13	149	36	503	54	1107
05:00		5	**177**			17	114				
05:15		10	**170**			16	137				
05:30		11	**158**			31	112				
05:45		11	146	37	651	47	117	111	480	148	1131
06:00		10	162			42	96				
06:15		23	148			75	113				
06:30		30	136			91	90				
06:45		29	113	92	559	137	94	345	393	437	952
07:00		53	128			126	69				
07:15		55	98			**166**	87				
07:30		76	77			**173**	57				
07:45		102	69	286	372	**177**	60	642	273	928	645
08:00		**157**	76			**143**	58				
08:15		**138**	71			162	35				
08:30		**137**	107			163	40				
08:45		**122**	76	554	330	134	44	602	177	1156	507
09:00		111	65			106	40				
09:15		105	89			123	31				
09:30		108	64			140	25				
09:45		105	48	429	266	123	29	492	125	921	391
10:00		103	51			114	31				
10:15		97	38			126	19				
10:30		98	40			112	14				
10:45		97	34	395	163	115	19	467	83	862	246
11:00		88	21			107	12				
11:15		115	20			128	12				
11:30		130	8			122	10				
11:45		113	8	446	57	103	8	460	42	906	99
Total		2314	5143	2314	5143	3196	4028	3196	4028	5510	9171
Combined Total		7457		7457		7224		7224		14681	
AM Peak	-	08:00	-	-	-	07:15	-	-	-	-	-
Vol.	-	554	-	-	-	659	-	-	-	-	-
P.H.F.		0.882				0.931					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	653	-	-	-	522	-	-	-	-
P.H.F.			0.922				0.967				
Percentage		31.0%	69.0%			44.2%	55.8%				
ADT/AADT		ADT 14,681		AADT 14,681							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Fairbanks
E/ Alton Parkway
24 Hour Directional Volume Count

IRV043
Site Code: 051-24139

Start Time	5/14/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	17			1	20				
12:15		2	8			2	13				
12:30		1	14			2	5				
12:45		1	14	4	53	4	7	9	45	13	98
01:00		1	19			0	11				
01:15		0	12			0	**22**				
01:30		0	6			0	**19**				
01:45		0	20	1	57	0	**17**	0	69	1	126
02:00		6	11			2	**12**				
02:15		0	6			2	14				
02:30		1	12			0	18				
02:45		0	12	7	41	1	6	5	50	12	91
03:00		0	20			0	17				
03:15		0	12			0	7				
03:30		0	13			0	10				
03:45		3	17	3	62	2	10	2	44	5	106
04:00		3	12			0	12				
04:15		11	13			4	6				
04:30		6	**14**			1	15				
04:45		15	**16**	35	55	5	10	10	43	45	98
05:00		9	**21**			3	13				
05:15		9	**16**			7	16				
05:30		5	14			6	14				
05:45		6	10	29	61	1	6	17	49	46	110
06:00		11	5			4	7				
06:15		11	10			3	7				
06:30		8	10			7	8				
06:45		**16**	4	46	29	4	5	18	27	64	56
07:00		**23**	3			6	3				
07:15		**18**	5			7	2				
07:30		**16**	6			6	1				
07:45		16	3	73	17	11	1	30	7	103	24
08:00		20	3			13	0				
08:15		8	3			8	0				
08:30		20	1			9	2				
08:45		10	2	58	9	6	2	36	4	94	13
09:00		15	0			7	0				
09:15		20	3			8	1				
09:30		13	3			5	3				
09:45		10	1	58	7	8	0	28	4	86	11
10:00		22	2			10	1				
10:15		10	1			8	1				
10:30		16	1			9	3				
10:45		14	0	62	4	6	2	33	7	95	11
11:00		8	0			**16**	1				
11:15		10	1			**8**	0				
11:30		16	1			**12**	1				
11:45		16	0	50	2	**13**	0	49	2	99	4
Total		426	397	426	397	237	351	237	351	663	748
Combined Total		823		823		588		588		1411	
AM Peak	-	06:45	-	-	-	11:00	-	-	-	-	-
Vol.	-	73	-	-	-	49	-	-	-	-	-
P.H.F.		0.793				0.766					
PM Peak	-	-	04:30	-	-	-	01:15	-	-	-	-
Vol.	-	-	67	-	-	-	70	-	-	-	-
P.H.F.			0.798				0.795				
Percentage		51.8%	48.2%			40.3%	59.7%				
ADT/AADT		ADT 1,411		AADT 1,411							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Fairbanks
S/ Astor
24 Hour Directional Volume Count

IRV042
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	9			0	9				
12:15		0	6			1	11				
12:30		0	6			0	8				
12:45		0	7	2	28	1	11	2	39	4	67
01:00		1	11			0	10				
01:15		1	7			0	6				
01:30		0	9			1	7				
01:45		0	**10**	2	37	2	6	3	29	5	66
02:00		1	**11**			1	9				
02:15		1	**13**			0	5				
02:30		0	**26**			4	12				
02:45		0	9	2	59	2	**12**	7	38	9	97
03:00		0	5			1	**21**				
03:15		2	5			0	**6**				
03:30		0	12			1	**14**				
03:45		2	6	4	28	2	12	4	53	8	81
04:00		1	15			0	14				
04:15		3	12			2	8				
04:30		0	19			2	9				
04:45		2	11	6	57	5	3	9	34	15	91
05:00		4	12			2	8				
05:15		6	12			4	5				
05:30		11	8			2	1				
05:45		**13**	3	34	35	6	5	14	19	48	54
06:00		**16**	7			6	4				
06:15		**13**	11			7	3				
06:30		**13**	2			**13**	4				
06:45		12	3	54	23	**23**	6	49	17	103	40
07:00		10	5			**10**	5				
07:15		8	1			**14**	3				
07:30		9	2			8	1				
07:45		6	1	33	9	14	1	46	10	79	19
08:00		8	1			17	1				
08:15		7	3			11	5				
08:30		2	2			6	4				
08:45		5	1	22	7	14	1	48	11	70	18
09:00		6	2			11	5				
09:15		1	0			8	1				
09:30		5	0			12	1				
09:45		7	1	19	3	15	3	46	10	65	13
10:00		2	2			7	1				
10:15		9	2			14	2				
10:30		8	3			4	1				
10:45		11	0	30	7	9	0	34	4	64	11
11:00		8	1			5	1				
11:15		7	1			12	1				
11:30		13	1			13	1				
11:45		14	0	42	3	8	0	38	3	80	6
Total		250	296	250	296	300	267	300	267	550	563
Combined Total		546		546		567		567		1113	
AM Peak	-	05:45	-	-	-	06:30	-	-	-	-	-
Vol.	-	55	-	-	-	60	-	-	-	-	-
P.H.F.		0.859				0.652					
PM Peak	-	-	01:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	60	-	-	-	53	-	-	-	-
P.H.F.			0.577				0.631				
Percentage		45.8%	54.2%			52.9%	47.1%				
ADT/AADT		ADT 1,113		AADT 1,113							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Alton Parkway - Spectrum Center Drive

File Name 147
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	67			0	54				
12:15	10	81			0	74				
12:30	4	113			1	61				
12:45	0	117	32	378	1	58	2	247	34	625
1:00	7	139			4	50				
1:15	6	103			1	37				
1:30	0	115			0	25				
1:45	0	109	13	466	0	48	5	160	18	626
2:00	0	111			2	35				
2:15	6	58			3	31				
2:30	4	86			0	34				
2:45	0	69	10	324	1	34	6	134	16	458
3:00	0	74			0	43				
3:15	2	72			2	41				
3:30	2	85			0	49				
3:45	2	82	6	313	0	42	2	175	8	488
4:00	3	90			2	50				
4:15	0	98			0	51				
4:30	7	101			1	54				
4:45	9	102	19	391	3	48	6	203	25	594
5:00	3	88			3	76				
5:15	7	119			2	73				
5:30	5	120			2	82				
5:45	5	117	20	444	7	93	14	324	34	768
6:00	10	106			4	82				
6:15	10	121			2	57				
6:30	13	95			6	59				
6:45	18	112	51	434	5	44	17	242	68	676
7:00	14	85			14	51				
7:15	25	122			13	33				
7:30	44	105			15	29				
7:45	55	95	138	407	34	30	76	143	214	550
8:00	61	88			30	29				
8:15	71	100			33	18				
8:30	66	100			27	13				
8:45	84	100	282	388	38	17	128	77	410	465
9:00	76	132			33	11				
9:15	37	149			37	14				
9:30	68	127			35	13				
9:45	40	83	221	491	36	10	141	48	362	539
10:00	38	133			38	7				
10:15	36	61			28	10				
10:30	33	48			29	4				
10:45	28	24	135	266	34	6	129	27	264	293
11:00	37	42			57	6				
11:15	67	11			53	1				
11:30	63	22			64	6				
11:45	81	27	248	102	70	3	244	16	492	118
Totals	1175	4404			770	1796				
Combined Totals		5579				2566				
ADT										8145
AM Peak Hour	815	AM			1100	AM				
Volume	297				244					
P.H.F.	0.884				0.871					
PM Peak Hour		845	PM			515	PM			
Volume		508				330				
P.H.F.		0.852				0.887				
Percentage	21.1%	78.9%			30.0%	70.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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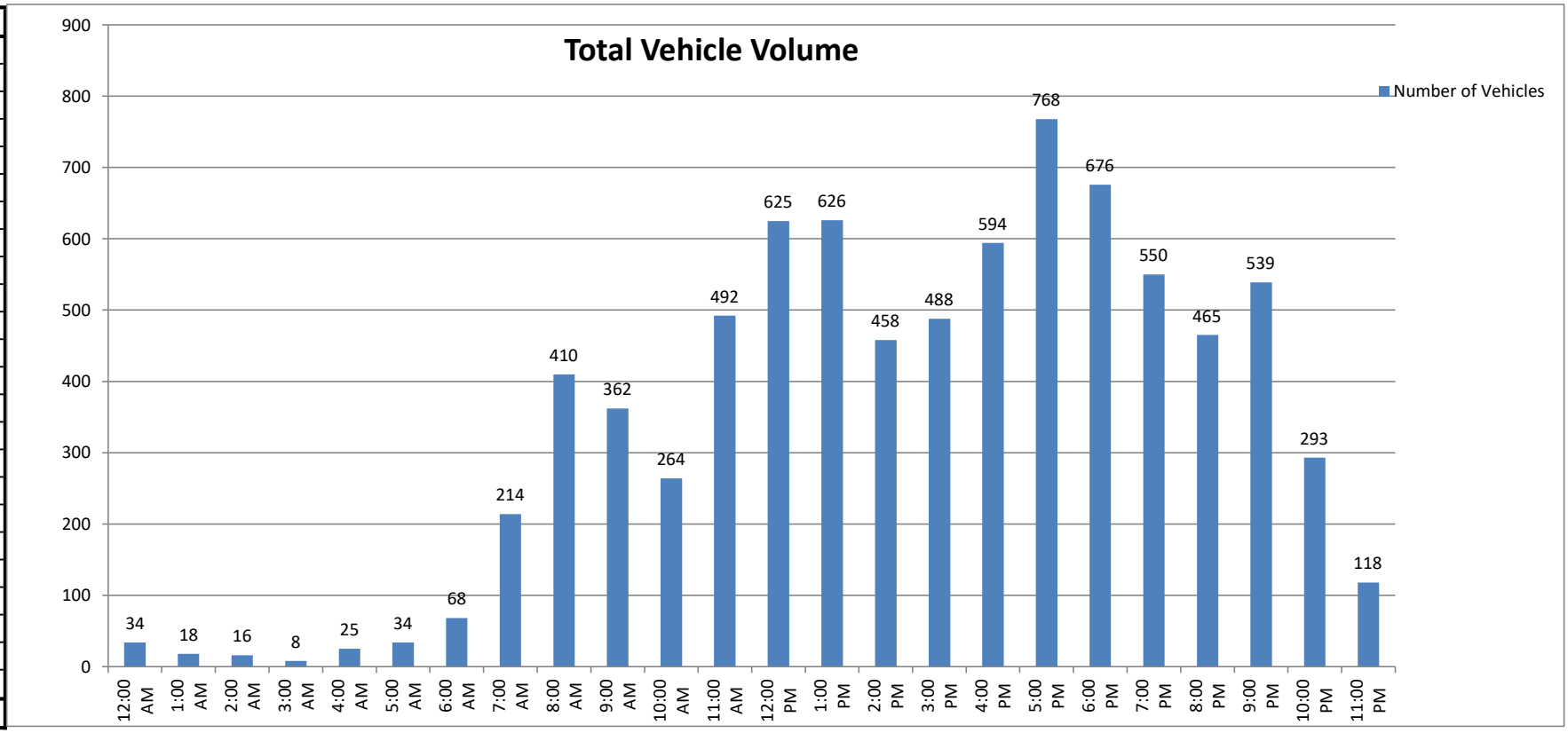
24 Hour Volume Plot

Gateway Boulevard
B/ Alton Parkway - Spectrum Center Drive

2/27/2024

Start Time	2/27/2024
12:00 AM	34
1:00 AM	18
2:00 AM	16
3:00 AM	8
4:00 AM	25
5:00 AM	34
6:00 AM	68
7:00 AM	214
8:00 AM	410
9:00 AM	362
10:00 AM	264
11:00 AM	492
12:00 PM	625
1:00 PM	626
2:00 PM	458
3:00 PM	488
4:00 PM	594
5:00 PM	768
6:00 PM	676
7:00 PM	550
8:00 PM	465
9:00 PM	539
10:00 PM	293
11:00 PM	118
Total	8145



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Alton Parkway - Spectrum Center Drive

File Name 147
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	99			2	75				
12:15	26	66			2	55				
12:30	22	97			2	57				
12:45	11	111	83	373	0	44	6	231	89	604
1:00	7	132			0	51				
1:15	6	122			0	61				
1:30	9	128			1	41				
1:45	6	121	28	503	0	31	1	184	29	687
2:00	2	119			0	34				
2:15	6	93			1	38				
2:30	2	94			0	38				
2:45	3	83	13	389	2	41	3	151	16	540
3:00	0	74			2	38				
3:15	0	80			0	43				
3:30	6	85			2	48				
3:45	5	92	11	331	0	39	4	168	15	499
4:00	3	110			0	36				
4:15	4	97			8	66				
4:30	9	103			2	56				
4:45	13	87	29	397	6	76	16	234	45	631
5:00	5	104			1	80				
5:15	6	141			3	92				
5:30	10	125			7	98				
5:45	7	99	28	469	6	88	17	358	45	827
6:00	7	101			1	75				
6:15	11	155			2	59				
6:30	12	97			3	70				
6:45	25	96	55	449	4	60	10	264	65	713
7:00	31	118			9	77				
7:15	34	145			10	34				
7:30	35	97			14	38				
7:45	65	111	165	471	27	35	60	184	225	655
8:00	77	116			19	26				
8:15	76	141			41	20				
8:30	61	125			32	17				
8:45	88	111	302	493	34	23	126	86	428	579
9:00	86	121			22	13				
9:15	61	118			41	15				
9:30	50	173			44	18				
9:45	57	110	254	522	33	10	140	56	394	578
10:00	37	95			22	13				
10:15	22	62			26	9				
10:30	33	37			38	6				
10:45	34	34	126	228	30	0	116	28	242	256
11:00	45	39			42	2				
11:15	41	37			49	5				
11:30	59	20			73	3				
11:45	70	12	215	108	92	5	256	15	471	123
Totals	1309	4733			755	1959				
Combined Totals		6042				2714				
ADT										8756
AM Peak Hour	815	AM			1100	AM				
Volume	311				256					
P.H.F.	0.884				0.696					
PM Peak Hour		845	PM			500	PM			
Volume		523				358				
P.H.F.		0.756				0.913				
Percentage	21.7%	78.3%			27.8%	72.2%				

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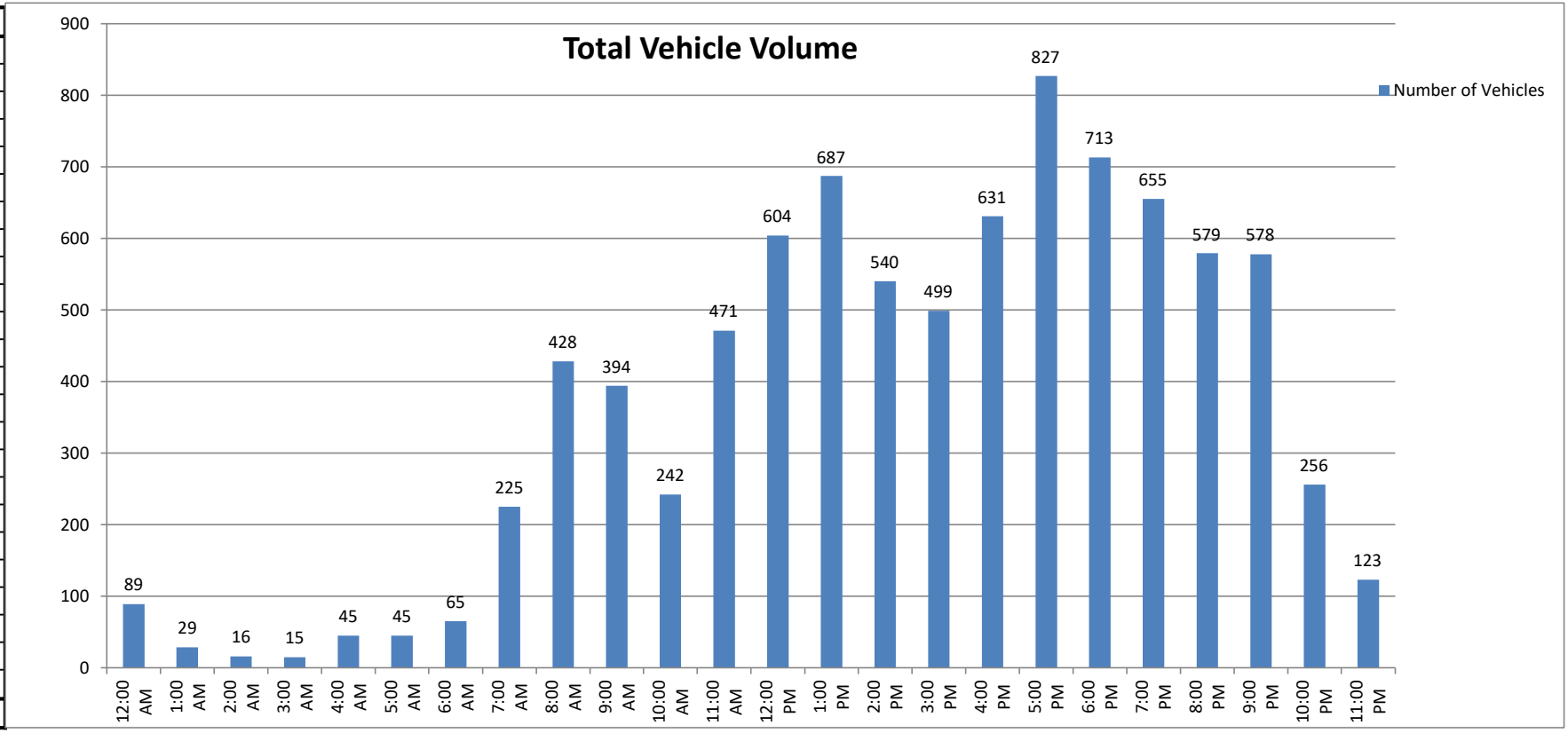
24 Hour Volume Plot

Gateway Boulevard
B/ Alton Parkway - Spectrum Center Drive

2/28/2024

Start Time	2/28/2024
12:00 AM	89
1:00 AM	29
2:00 AM	16
3:00 AM	15
4:00 AM	45
5:00 AM	45
6:00 AM	65
7:00 AM	225
8:00 AM	428
9:00 AM	394
10:00 AM	242
11:00 AM	471
12:00 PM	604
1:00 PM	687
2:00 PM	540
3:00 PM	499
4:00 PM	631
5:00 PM	827
6:00 PM	713
7:00 PM	655
8:00 PM	579
9:00 PM	578
10:00 PM	256
11:00 PM	123
Total	8756



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Alton Parkway - Spectrum Center Drive

File Name 147
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	83			1	65				
12:15	18	74			1	65				
12:30	13	105			2	59				
12:45	6	114	58	376	1	51	4	239	62	615
1:00	7	136			2	51				
1:15	6	113			1	49				
1:30	5	122			1	33				
1:45	3	115	21	485	0	40	3	172	24	657
2:00	1	115			1	35				
2:15	6	76			2	35				
2:30	3	90			0	36				
2:45	2	76	12	357	2	38	5	143	16	499
3:00	0	74			1	41				
3:15	1	76			1	42				
3:30	4	85			1	49				
3:45	4	87	9	322	0	41	3	172	12	494
4:00	3	100			1	43				
4:15	2	98			4	59				
4:30	8	102			2	55				
4:45	11	95	24	394	5	62	11	219	35	613
5:00	4	96			2	78				
5:15	7	130			3	83				
5:30	8	123			5	90				
5:45	6	108	24	457	7	91	16	341	40	798
6:00	9	104			3	79				
6:15	11	138			2	58				
6:30	13	96			5	65				
6:45	22	104	53	442	5	52	14	253	67	695
7:00	23	102			12	64				
7:15	30	134			12	34				
7:30	40	101			15	34				
7:45	60	103	152	439	31	33	68	164	220	603
8:00	69	102			25	28				
8:15	74	121			37	19				
8:30	64	113			30	15				
8:45	86	106	292	441	36	20	127	82	419	522
9:00	81	127			28	12				
9:15	49	134			39	15				
9:30	59	150			40	16				
9:45	49	97	238	507	35	10	141	52	378	559
10:00	38	114			30	10				
10:15	29	62			27	10				
10:30	33	43			34	5				
10:45	31	29	131	247	32	3	123	28	253	275
11:00	41	41			50	4				
11:15	54	24			51	3				
11:30	61	21			69	5				
11:45	76	20	232	105	81	4	250	16	482	121
Totals	1242	4569			763	1878				
Combined Totals		5811				2640				
ADT										8451
AM Peak Hour	815	AM			1100	AM				
Volume	304				250					
P.H.F.	0.884				0.772					
PM Peak Hour		845	PM			515	PM			
Volume		516				342				
P.H.F.		0.859				0.943				
Percentage	21.4%	78.6%			28.9%	71.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Gateway Boulevard
B/ Irvine Center Drive - Alton Parkway

File Name 146
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	36			1	14				
12:15	1	44			1	11				
12:30	0	64			1	6				
12:45	1	40	3	184	0	12	3	43	6	227
1:00	0	47			0	11				
1:15	2	41			0	10				
1:30	1	49			0	10				
1:45	0	42	3	179	0	8	0	39	3	218
2:00	3	44			0	19				
2:15	0	28			1	11				
2:30	0	35			0	12				
2:45	1	41	4	148	1	8	2	50	6	198
3:00	0	35			0	10				
3:15	1	32			0	8				
3:30	0	26			0	13				
3:45	2	48	3	141	0	14	0	45	3	186
4:00	1	48			0	14				
4:15	0	52			0	11				
4:30	6	56			0	16				
4:45	7	55	14	211	1	15	1	56	15	267
5:00	6	41			1	22				
5:15	9	63			2	31				
5:30	6	46			2	21				
5:45	12	33	33	183	4	20	9	94	42	277
6:00	15	24			3	15				
6:15	24	33			3	10				
6:30	32	29			12	17				
6:45	45	35	116	121	12	12	30	54	146	175
7:00	48	19			8	10				
7:15	48	23			14	2				
7:30	74	29			16	6				
7:45	114	29	284	100	18	5	56	23	340	123
8:00	95	13			22	4				
8:15	107	30			30	3				
8:30	115	23			24	4				
8:45	134	24	451	90	17	3	93	14	544	104
9:00	90	28			21	7				
9:15	69	23			13	10				
9:30	63	12			10	6				
9:45	57	6	279	69	13	3	57	26	336	95
10:00	36	18			7	1				
10:15	33	14			6	2				
10:30	35	7			6	1				
10:45	29	6	133	45	8	2	27	6	160	51
11:00	30	9			12	2				
11:15	43	3			11	2				
11:30	31	6			13	4				
11:45	48	5	152	23	17	1	53	9	205	32
Totals	1475	1494			331	459				
Combined Totals		2969				790				
ADT										3759
AM Peak Hour	800	AM			745	AM				
Volume	451				94					
P.H.F.	0.841				0.783					
PM Peak Hour		430	PM			500	PM			
Volume		215				94				
P.H.F.		0.853				0.758				
Percentage	49.7%	50.3%			41.9%	58.1%				

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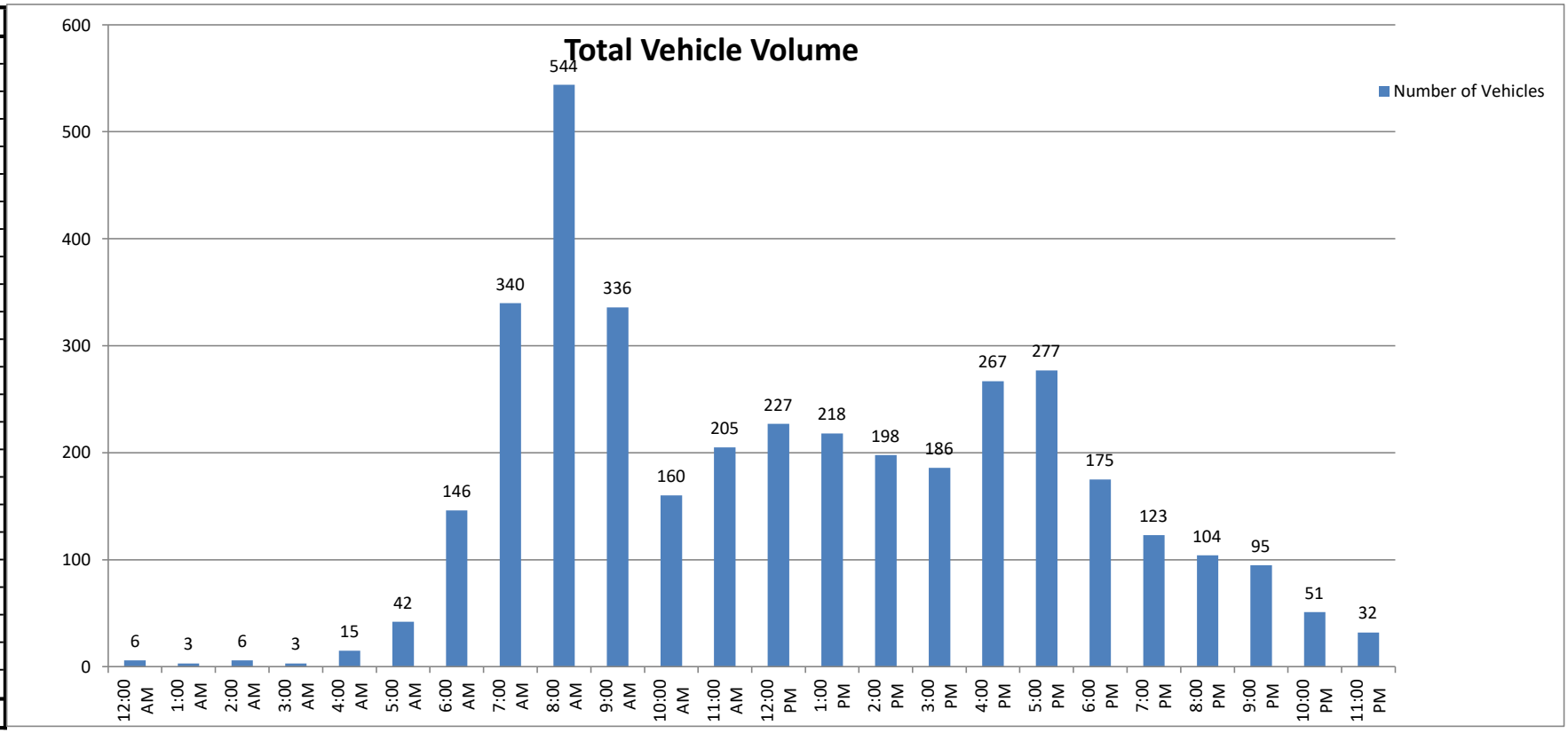
24 Hour Volume Plot

Gateway Boulevard
B/ Irvine Center Drive - Alton Parkway
2/27/2024

Start Time	2/27/2024
12:00 AM	6
1:00 AM	3
2:00 AM	6
3:00 AM	3
4:00 AM	15
5:00 AM	42
6:00 AM	146
7:00 AM	340
8:00 AM	544
9:00 AM	336
10:00 AM	160
11:00 AM	205
12:00 PM	227
1:00 PM	218
2:00 PM	198
3:00 PM	186
4:00 PM	267
5:00 PM	277
6:00 PM	175
7:00 PM	123
8:00 PM	104
9:00 PM	95
10:00 PM	51
11:00 PM	32
Total	3759



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Gateway Boulevard
B/ Irvine Center Drive - Alton Parkway

File Name 146
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	47			1	15				
12:15	4	61			1	13				
12:30	4	65			1	13				
12:45	2	66	17	239	0	18	3	59	20	298
1:00	1	61			1	8				
1:15	1	69			0	10				
1:30	2	56			1	5				
1:45	0	31	4	217	0	11	2	34	6	251
2:00	1	40			0	12				
2:15	1	35			0	8				
2:30	1	40			0	13				
2:45	1	42	4	157	0	17	0	50	4	207
3:00	1	22			0	14				
3:15	0	39			0	12				
3:30	1	35			0	12				
3:45	3	28	5	124	0	9	0	47	5	171
4:00	1	34			0	12				
4:15	0	41			1	8				
4:30	5	34			2	19				
4:45	8	61	14	170	2	20	5	59	19	229
5:00	8	44			0	19				
5:15	11	39			1	21				
5:30	6	49			0	23				
5:45	6	32	31	164	0	23	1	86	32	250
6:00	11	22			2	21				
6:15	20	24			1	9				
6:30	33	22			3	15				
6:45	33	25	97	93	3	16	9	61	106	154
7:00	35	20			3	33				
7:15	50	14			6	6				
7:30	67	12			12	5				
7:45	109	13	261	59	17	7	38	51	299	110
8:00	106	9			7	7				
8:15	146	16			12	3				
8:30	111	13			17	6				
8:45	127	16	490	54	20	4	56	20	546	74
9:00	86	19			18	8				
9:15	106	9			13	2				
9:30	74	14			15	6				
9:45	68	7	334	49	6	4	52	20	386	69
10:00	49	9			6	5				
10:15	30	2			6	4				
10:30	38	1			8	1				
10:45	41	5	158	17	9	2	29	12	187	29
11:00	42	5			8	0				
11:15	33	2			9	0				
11:30	25	9			19	4				
11:45	45	0	145	16	19	3	55	7	200	23
Totals	1560	1359			250	506				
Combined Totals		2919				756				
ADT										3675
AM Peak Hour	800	AM			830	AM				
Volume	490				68					
P.H.F.	0.839				0.850					
PM Peak Hour		1230	PM			515	PM			
Volume		261				88				
P.H.F.		0.946				0.957				
Percentage	53.4%	46.6%			33.1%	66.9%				

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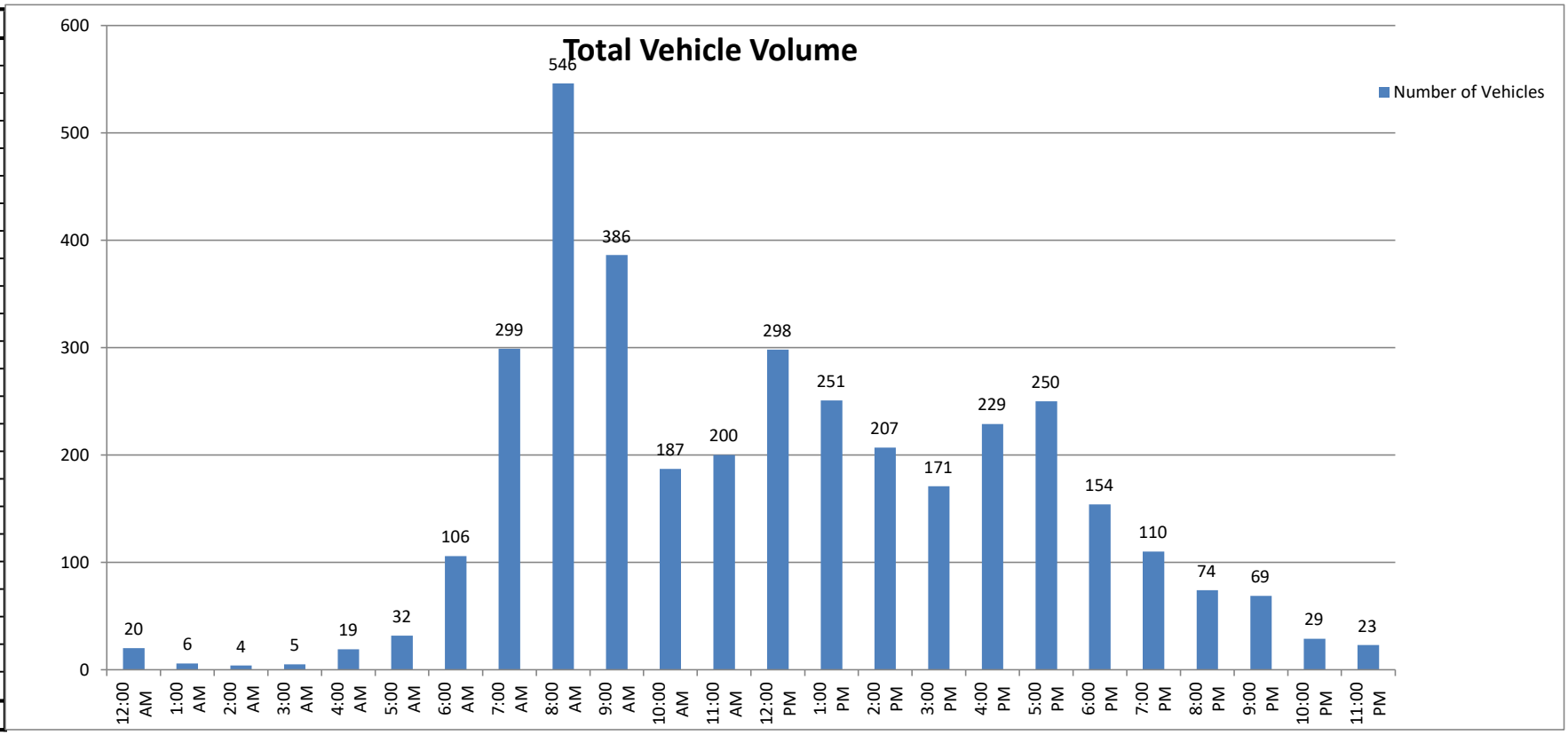
24 Hour Volume Plot

Gateway Boulevard
B/ Irvine Center Drive - Alton Parkway
2/28/2024

Start Time	2/28/2024
12:00 AM	20
1:00 AM	6
2:00 AM	4
3:00 AM	5
4:00 AM	19
5:00 AM	32
6:00 AM	106
7:00 AM	299
8:00 AM	546
9:00 AM	386
10:00 AM	187
11:00 AM	200
12:00 PM	298
1:00 PM	251
2:00 PM	207
3:00 PM	171
4:00 PM	229
5:00 PM	250
6:00 PM	154
7:00 PM	110
8:00 PM	74
9:00 PM	69
10:00 PM	29
11:00 PM	23
Total	3675



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Irvine Center Drive - Alton Parkway

File Name 146
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	42			1	15				
12:15	3	53			1	12				
12:30	2	65			1	10				
12:45	2	53	10	212	0	15	3	51	13	263
1:00	1	54			1	10				
1:15	2	55			0	10				
1:30	2	53			1	8				
1:45	0	37	4	198	0	10	1	37	5	235
2:00	2	42			0	16				
2:15	1	32			1	10				
2:30	1	38			0	13				
2:45	1	42	4	153	1	13	1	50	5	203
3:00	1	29			0	12				
3:15	1	36			0	10				
3:30	1	31			0	13				
3:45	3	38	4	133	0	12	0	46	4	179
4:00	1	41			0	13				
4:15	0	47			1	10				
4:30	6	45			1	18				
4:45	8	58	14	191	2	18	3	58	17	248
5:00	7	43			1	21				
5:15	10	51			2	26				
5:30	6	48			1	22				
5:45	9	33	32	174	2	22	5	90	37	264
6:00	13	23			3	18				
6:15	22	29			2	10				
6:30	33	26			8	16				
6:45	39	30	107	107	8	14	20	58	126	165
7:00	42	20			6	22				
7:15	49	19			10	4				
7:30	71	21			14	6				
7:45	112	21	273	80	18	6	47	37	320	117
8:00	101	11			15	6				
8:15	127	23			21	3				
8:30	113	18			21	5				
8:45	131	20	471	72	19	4	75	17	545	89
9:00	88	24			20	8				
9:15	88	16			13	6				
9:30	69	13			13	6				
9:45	63	7	307	59	10	4	55	23	361	82
10:00	43	14			7	3				
10:15	32	8			6	3				
10:30	37	4			7	1				
10:45	35	6	146	31	9	2	28	9	174	40
11:00	36	7			10	1				
11:15	38	3			10	1				
11:30	28	8			16	4				
11:45	47	3	149	20	18	2	54	8	203	28
Totals	1518	1427			291	483				
Combined Totals		2944				773				
ADT										3717
AM Peak Hour	800	AM			815	AM				
Volume	471				80					
P.H.F.	0.901				0.946					
PM Peak Hour		1230	PM			500	PM			
Volume		227				90				
P.H.F.		0.878				0.865				
Percentage	51.5%	48.5%			37.6%	62.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Pacifica / State Route 133 - Irvine Center Drive

File Name 145
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	31			4	53				
12:15	1	38			4	31				
12:30	1	32			1	32				
12:45	1	32	5	133	2	34	11	150	16	283
1:00	1	27			0	43				
1:15	1	30			2	37				
1:30	0	26			0	44				
1:45	0	26	2	109	1	37	3	161	5	270
2:00	0	41			3	31				
2:15	0	34			0	28				
2:30	6	45			2	35				
2:45	0	37	6	157	0	30	5	124	11	281
3:00	5	50			1	32				
3:15	0	30			1	33				
3:30	0	36			0	35				
3:45	0	55	5	171	2	44	4	144	9	315
4:00	1	56			2	44				
4:15	4	41			4	33				
4:30	1	49			2	54				
4:45	1	65	7	211	5	32	13	163	20	374
5:00	1	86			4	39				
5:15	5	62			5	40				
5:30	6	63			12	41				
5:45	6	50	18	261	23	36	44	156	62	417
6:00	9	49			8	53				
6:15	8	42			12	38				
6:30	5	31			32	30				
6:45	16	24	38	146	45	37	97	158	135	304
7:00	11	22			49	37				
7:15	18	24			61	33				
7:30	29	16			99	29				
7:45	27	18	85	80	101	30	310	129	395	209
8:00	33	7			109	20				
8:15	25	18			113	33				
8:30	37	16			133	21				
8:45	31	19	126	60	104	20	459	94	585	154
9:00	28	12			108	29				
9:15	23	11			64	24				
9:30	26	7			79	11				
9:45	31	6	108	36	67	20	318	84	426	120
10:00	21	10			43	15				
10:15	16	9			42	12				
10:30	17	5			37	9				
10:45	28	2	82	26	33	7	155	43	237	69
11:00	16	5			35	4				
11:15	32	1			30	7				
11:30	18	5			35	3				
11:45	23	3	89	14	38	3	138	17	227	31
Totals	571	1404			1557	1423				
Combined Totals		1975				2980				
ADT										4955
AM Peak Hour	800 AM				800 AM					
Volume	126				459					
P.H.F.	0.851				0.863					
PM Peak Hour		445 PM				345 PM				
Volume		276				175				
P.H.F.		0.802				0.810				
Percentage	28.9%	71.1%			52.2%	47.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

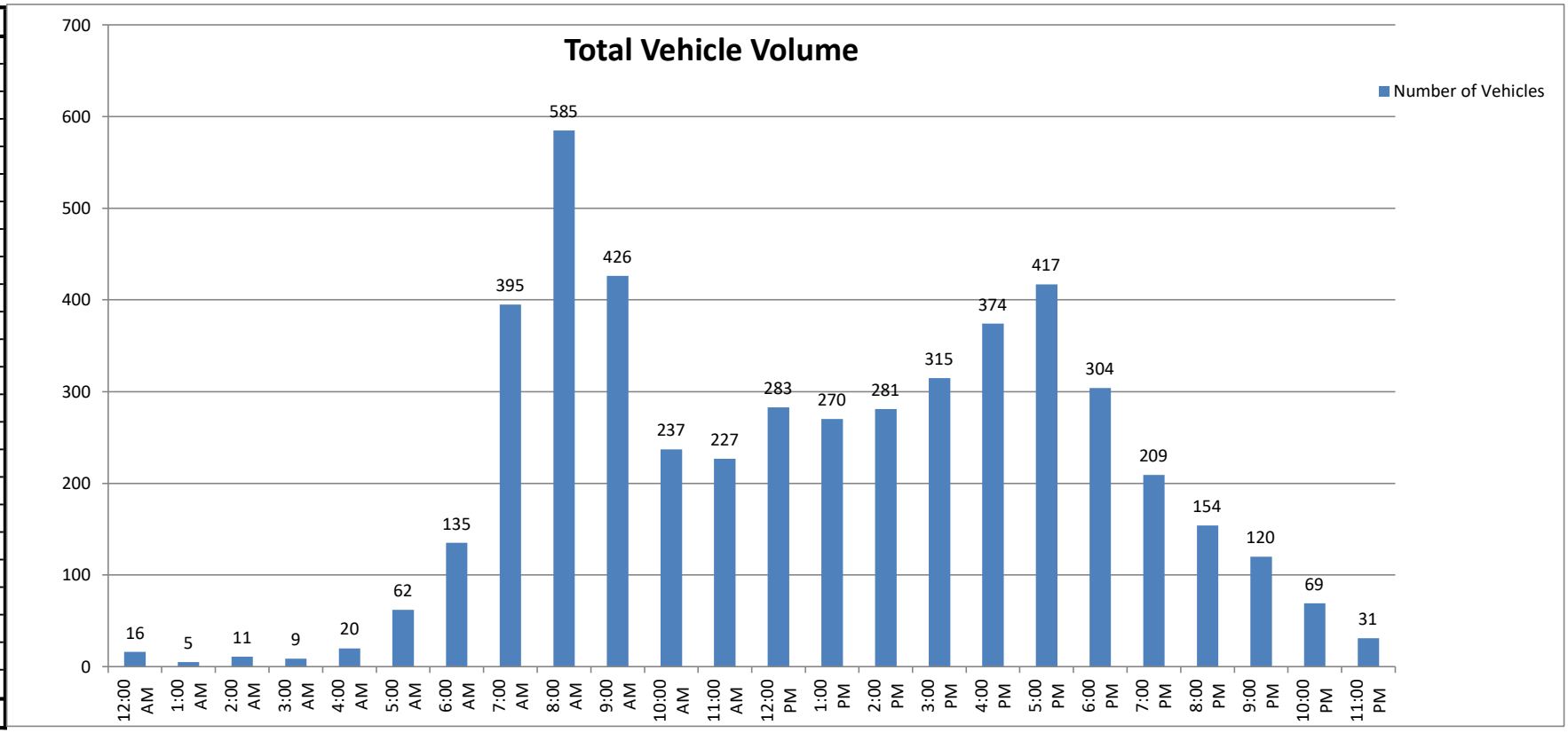
24 Hour Volume Plot

Gateway Boulevard

B/ Pacifica / State Route 133 - Irvine Center Drive

2/27/2024

Start Time	2/27/2024
12:00 AM	16
1:00 AM	5
2:00 AM	11
3:00 AM	9
4:00 AM	20
5:00 AM	62
6:00 AM	135
7:00 AM	395
8:00 AM	585
9:00 AM	426
10:00 AM	237
11:00 AM	227
12:00 PM	283
1:00 PM	270
2:00 PM	281
3:00 PM	315
4:00 PM	374
5:00 PM	417
6:00 PM	304
7:00 PM	209
8:00 PM	154
9:00 PM	120
10:00 PM	69
11:00 PM	31
Total	4955



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Pacifica / State Route 133 - Irvine Center Drive

File Name 145
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	36			4	36				
12:15	2	21			1	39				
12:30	3	36			4	48				
12:45	2	43	8	136	5	38	14	161	22	297
1:00	1	39			2	26				
1:15	2	36			0	35				
1:30	0	28			4	41				
1:45	0	42	3	145	1	42	7	144	10	289
2:00	0	29			1	43				
2:15	0	45			1	37				
2:30	1	32			5	32				
2:45	1	36	2	142	1	35	8	147	10	289
3:00	1	39			0	42				
3:15	0	45			3	36				
3:30	1	47			0	35				
3:45	0	46	2	177	4	24	7	137	9	314
4:00	2	60			1	42				
4:15	1	56			1	43				
4:30	1	53			1	39				
4:45	0	58	4	227	7	42	10	166	14	393
5:00	1	76			4	43				
5:15	3	78			4	39				
5:30	2	56			9	58				
5:45	8	42	14	252	23	45	40	185	54	437
6:00	7	56			14	54				
6:15	11	44			21	34				
6:30	10	37			31	42				
6:45	23	38	51	175	38	41	104	171	155	346
7:00	13	32			47	43				
7:15	15	29			68	23				
7:30	23	27			74	30				
7:45	30	29	81	117	86	30	275	126	356	243
8:00	46	20			138	21				
8:15	32	17			105	31				
8:30	39	13			118	14				
8:45	44	21	161	71	133	25	494	91	655	162
9:00	31	11			120	21				
9:15	27	11			90	19				
9:30	31	7			93	9				
9:45	29	10	118	39	62	22	365	71	483	110
10:00	22	15			54	13				
10:15	29	12			48	6				
10:30	19	6			41	6				
10:45	21	4	91	37	41	9	184	34	275	71
11:00	19	3			25	7				
11:15	18	0			36	3				
11:30	29	2			45	7				
11:45	23	3	89	8	43	5	149	22	238	30
Totals	624	1526			1657	1455				
Combined Totals		2150				3112				
ADT										5262
AM Peak Hour	800	AM			800	AM				
Volume	161				494					
P.H.F.	0.875				0.895					
PM Peak Hour		445	PM			515	PM			
Volume		268				196				
P.H.F.		0.859				0.845				
Percentage	29.0%	71.0%			53.2%	46.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

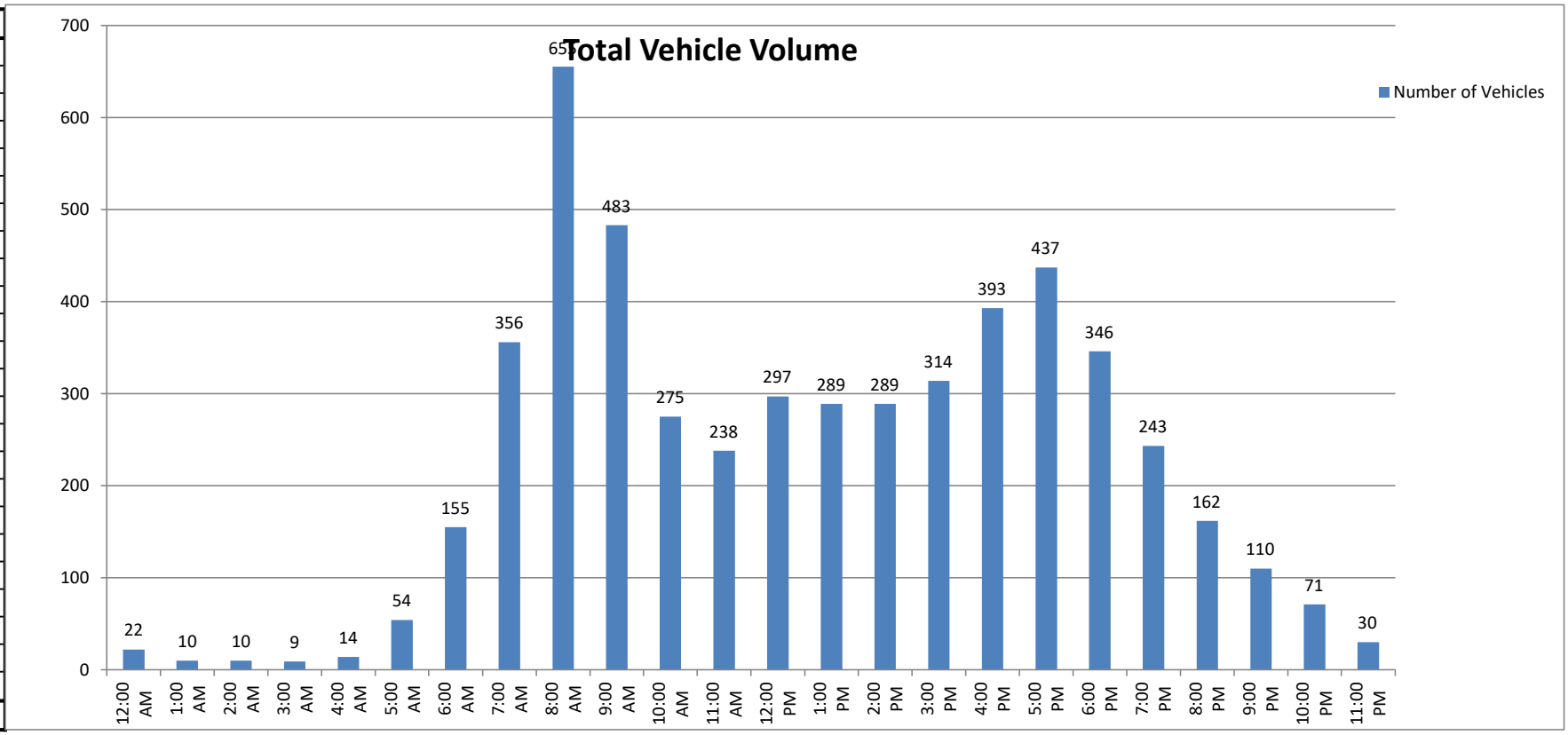
24 Hour Volume Plot

Gateway Boulevard

B/ Pacifica / State Route 133 - Irvine Center Drive

2/28/2024

Start Time	2/28/2024
12:00 AM	22
1:00 AM	10
2:00 AM	10
3:00 AM	9
4:00 AM	14
5:00 AM	54
6:00 AM	155
7:00 AM	356
8:00 AM	655
9:00 AM	483
10:00 AM	275
11:00 AM	238
12:00 PM	297
1:00 PM	289
2:00 PM	289
3:00 PM	314
4:00 PM	393
5:00 PM	437
6:00 PM	346
7:00 PM	243
8:00 PM	162
9:00 PM	110
10:00 PM	71
11:00 PM	30
Total	5262



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Gateway Boulevard
B/ Pacifica / State Route 133 - Irvine Center Drive

File Name 145
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	34			4	45				
12:15	2	30			3	35				
12:30	2	34			3	40				
12:45	2	38	7	135	4	36	13	156	19	290
1:00	1	33			1	35				
1:15	2	33			1	36				
1:30	0	27			2	43				
1:45	0	34	3	127	1	40	5	153	8	280
2:00	0	35			2	37				
2:15	0	40			1	33				
2:30	4	39			4	34				
2:45	1	37	4	150	1	33	7	136	11	285
3:00	3	45			1	37				
3:15	0	38			2	35				
3:30	1	42			0	35				
3:45	0	51	4	174	3	34	6	141	9	315
4:00	2	58			2	43				
4:15	3	49			3	38				
4:30	1	51			2	47				
4:45	1	62	6	219	6	37	12	165	17	384
5:00	1	81			4	41				
5:15	4	70			5	40				
5:30	4	60			11	50				
5:45	7	46	16	257	23	41	42	171	58	427
6:00	8	53			11	54				
6:15	10	43			17	36				
6:30	8	34			32	36				
6:45	20	31	45	161	42	39	101	165	145	325
7:00	12	27			48	40				
7:15	17	27			65	28				
7:30	26	22			87	30				
7:45	29	24	83	99	94	30	293	128	376	226
8:00	40	14			124	21				
8:15	29	18			109	32				
8:30	38	15			126	18				
8:45	38	20	144	66	119	23	477	93	620	158
9:00	30	12			114	25				
9:15	25	11			77	22				
9:30	29	7			86	10				
9:45	30	8	113	38	65	21	342	78	455	115
10:00	22	13			49	14				
10:15	23	11			45	9				
10:30	18	6			39	8				
10:45	25	3	87	32	37	8	170	39	256	70
11:00	18	4			30	6				
11:15	25	1			33	5				
11:30	24	4			40	5				
11:45	23	3	89	11	41	4	144	20	233	31
Totals	598	1465			1607	1439				
Combined Totals		2063				3046				
ADT										5109
AM Peak Hour	800 AM				800 AM					
Volume	144				477					
P.H.F.	0.908				0.949					
PM Peak Hour		445 PM				515 PM				
Volume		272				183				
P.H.F.		0.840				0.855				
Percentage	29.0%	71.0%			52.8%	47.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Glenn Ranch Road
N/ Portola Parkway
24 Hour Directional Volume Count

LKF044
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		14	166			16	185				
12:15		8	180			11	136				
12:30		7	222			14	169				
12:45		15	216	44	784	11	**172**	52	662	96	1446
01:00		15	156			3	**239**				
01:15		6	156			36	**187**				
01:30		7	180			6	**178**				
01:45		5	145	33	637	5	143	50	747	83	1384
02:00		8	164			3	141				
02:15		11	131			1	158				
02:30		26	182			2	221				
02:45		28	171	73	648	2	145	8	665	81	1313
03:00		9	176			6	157				
03:15		29	178			4	139				
03:30		40	181			7	177				
03:45		29	216	107	751	7	160	24	633	131	1384
04:00		11	213			9	184				
04:15		25	204			16	171				
04:30		48	223			27	184				
04:45		109	193	193	833	32	170	84	709	277	1542
05:00		24	**254**			114	159				
05:15		29	**236**			96	197				
05:30		64	**280**			69	195				
05:45		88	**263**	205	1033	81	173	360	724	565	1757
06:00		71	202			77	145				
06:15		42	213			81	124				
06:30		55	206			130	112				
06:45		77	146	245	767	135	98	423	479	668	1246
07:00		82	150			174	104				
07:15		100	167			202	125				
07:30		**142**	160			**244**	80				
07:45		**140**	134	464	611	**308**	66	928	375	1392	986
08:00		**129**	135			**309**	64				
08:15		**126**	116			**221**	41				
08:30		125	144			244	61				
08:45		145	164	525	559	245	56	1019	222	1544	781
09:00		118	107			185	121				
09:15		100	98			149	93				
09:30		87	68			161	48				
09:45		108	63	413	336	137	34	632	296	1045	632
10:00		98	49			145	30				
10:15		98	47			127	26				
10:30		98	41			152	20				
10:45		102	35	396	172	130	23	554	99	950	271
11:00		92	29			125	46				
11:15		135	25			131	37				
11:30		111	14			155	23				
11:45		157	20	495	88	155	14	566	120	1061	208
Total		3193	7219	3193	7219	4700	5731	4700	5731	7893	12950
Combined Total		10412		10412		10431		10431		20843	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	537	-	-	-	1082	-	-	-	-	-
P.H.F.		0.945				0.875					
PM Peak	-	-	05:00	-	-	-	00:45	-	-	-	-
Vol.	-	-	1033	-	-	-	776	-	-	-	-
P.H.F.			0.922				0.812				
Percentage		30.7%	69.3%			45.1%	54.9%				
ADT/AADT		ADT 20,843		AADT 20,843							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Aliso Viejo
Glenwood Drive
W/ Moulton Parkway
24 Hour Directional Volume Count

ASV045
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	64			5	86				
12:15		5	74			13	78				
12:30		12	81			3	102				
12:45		3	73	25	292	5	80	26	346	51	638
01:00		6	88			4	75				
01:15		1	78			4	98				
01:30		9	76			7	86				
01:45		1	73	17	315	2	98	17	357	34	672
02:00		2	86			4	80				
02:15		2	86			2	74				
02:30		0	78			4	80				
02:45		1	78	5	328	1	96	11	330	16	658
03:00		2	89			6	111				
03:15		0	83			5	121				
03:30		4	111			11	153				
03:45		6	112	12	395	11	126	33	511	45	906
04:00		6	103			5	148				
04:15		9	117			10	130				
04:30		8	118			5	123				
04:45		10	**122**	33	460	5	155	25	556	58	1016
05:00		8	**108**			12	**164**				
05:15		18	**155**			13	**170**				
05:30		14	**127**			25	**172**				
05:45		31	107	71	497	23	**166**	73	672	144	1169
06:00		22	102			32	155				
06:15		34	104			27	146				
06:30		46	91			46	112				
06:45		60	78	162	375	62	107	167	520	329	895
07:00		49	65			59	96				
07:15		118	72			64	91				
07:30		**142**	50			83	80				
07:45		**166**	43	475	230	**112**	91	318	358	793	588
08:00		**112**	59			**91**	78				
08:15		**129**	50			**147**	78				
08:30		136	38			**108**	62				
08:45		125	36	502	183	92	59	438	277	940	460
09:00		98	22			95	66				
09:15		90	22			90	50				
09:30		91	38			70	37				
09:45		89	22	368	104	75	32	330	185	698	289
10:00		78	18			81	33				
10:15		83	17			72	31				
10:30		75	14			74	31				
10:45		77	11	313	60	80	14	307	109	620	169
11:00		74	6			75	12				
11:15		56	8			62	19				
11:30		88	8			81	9				
11:45		83	3	301	25	95	9	313	49	614	74
Total		2284	3264	2284	3264	2058	4270	2058	4270	4342	7534
Combined Total		5548		5548		6328		6328		11876	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	549	-	-	-	458	-	-	-	-	-
P.H.F.		0.827				0.779					
PM Peak	-	-	04:45	-	-	-	05:00	-	-	-	-
Vol.	-	-	512	-	-	-	672	-	-	-	-
P.H.F.			0.826				0.977				
Percentage		41.2%	58.8%			32.5%	67.5%				
ADT/AADT		ADT 11,876		AADT 11,876							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Great Park Boulevard
E/ Ridge Valley
24 Hour Directional Volume Count

IRV046
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	74			2	48				
12:15		6	73			1	53				
12:30		9	70			4	55				
12:45		7	68	27	285	1	48	8	204	35	489
01:00		4	84			3	43				
01:15		5	66			1	35				
01:30		4	82			2	42				
01:45		3	98	16	330	0	53	6	173	22	503
02:00		2	101			0	38				
02:15		2	82			1	136				
02:30		3	80			0	76				
02:45		1	94	8	357	1	74	2	324	10	681
03:00		1	130			1	70				
03:15		0	130			0	74				
03:30		1	142			1	74				
03:45		2	129	4	531	1	**117**	3	335	7	866
04:00		3	118			1	**94**				
04:15		1	140			3	**75**				
04:30		2	136			4	**80**				
04:45		5	146	11	540	8	92	16	341	27	881
05:00		5	114			3	94				
05:15		11	160			9	70				
05:30		19	150			24	74				
05:45		13	146	48	570	13	70	49	308	97	878
06:00		21	**159**			6	89				
06:15		26	**152**			20	74				
06:30		40	**138**			22	61				
06:45		42	**187**	129	636	32	55	80	279	209	915
07:00		45	150			40	59				
07:15		66	134			54	47				
07:30		72	120			89	52				
07:45		**96**	118	279	522	**106**	41	289	199	568	721
08:00		**98**	116			**117**	56				
08:15		**146**	96			**100**	34				
08:30		**86**	82			**112**	37				
08:45		59	89	389	383	97	46	426	173	815	556
09:00		58	80			52	47				
09:15		68	64			56	54				
09:30		51	50			56	18				
09:45		66	52	243	246	52	28	216	147	459	393
10:00		67	38			58	38				
10:15		56	40			52	16				
10:30		70	32			48	10				
10:45		68	19	261	129	45	10	203	74	464	203
11:00		54	17			38	8				
11:15		73	27			52	4				
11:30		60	17			42	6				
11:45		72	17	259	78	47	6	179	24	438	102
Total		1674	4607	1674	4607	1477	2581	1477	2581	3151	7188
Combined Total		6281		6281		4058		4058		10339	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	426	-	-	-	435	-	-	-	-	-
P.H.F.		0.729				0.929					
PM Peak	-	-	06:00	-	-	-	03:45	-	-	-	-
Vol.	-	-	636	-	-	-	366	-	-	-	-
P.H.F.			0.850				0.782				
Percentage		26.7%	73.3%			36.4%	63.6%				
ADT/AADT		ADT 10,339		AADT 10,339							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Great Park Boulevard
B/ Sand Canyon Avenue - Ridge Valley

File Name 148
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	111			14	102				
12:15	15	122			9	146				
12:30	18	138			7	116				
12:45	13	121	70	492	6	138	36	502	106	994
1:00	7	118			5	145				
1:15	9	121			7	125				
1:30	5	170			7	95				
1:45	6	134	27	543	3	103	22	468	49	1011
2:00	3	165			1	142				
2:15	5	167			0	206				
2:30	3	132			5	222				
2:45	2	175	13	639	4	164	10	734	23	1373
3:00	4	183			1	174				
3:15	3	214			10	167				
3:30	3	175			1	173				
3:45	2	178	12	750	5	231	17	745	29	1495
4:00	1	198			5	182				
4:15	6	237			13	226				
4:30	3	203			13	176				
4:45	2	226	12	864	12	186	43	770	55	1634
5:00	11	225			20	205				
5:15	11	229			18	181				
5:30	13	248			46	176				
5:45	24	263	59	965	47	177	131	739	190	1704
6:00	31	224			53	194				
6:15	37	249			62	173				
6:30	43	211			92	131				
6:45	64	211	175	895	70	147	277	645	452	1540
7:00	65	209			120	138				
7:15	81	191			145	122				
7:30	83	165			217	131				
7:45	114	172	343	737	266	120	748	511	1091	1248
8:00	155	153			292	102				
8:15	202	125			243	71				
8:30	110	132			258	66				
8:45	103	108	570	518	204	67	997	306	1567	824
9:00	85	108			140	63				
9:15	78	95			161	51				
9:30	53	82			158	55				
9:45	106	75	322	360	134	57	593	226	915	586
10:00	82	61			150	49				
10:15	92	54			109	27				
10:30	84	36			131	29				
10:45	89	36	347	187	130	25	520	130	867	317
11:00	93	32			99	14				
11:15	92	26			129	15				
11:30	91	17			122	12				
11:45	97	24	373	99	101	7	451	48	824	147
Totals	2323	7049			3845	5824				
Combined Totals		9372				9669				
ADT										19041
AM Peak Hour	745 AM				745 AM					
Volume	581				1059					
P.H.F.	0.719				0.907					
PM Peak Hour		530 PM				345 PM				
Volume		984				815				
P.H.F.		0.935				0.882				
Percentage	24.8%	75.2%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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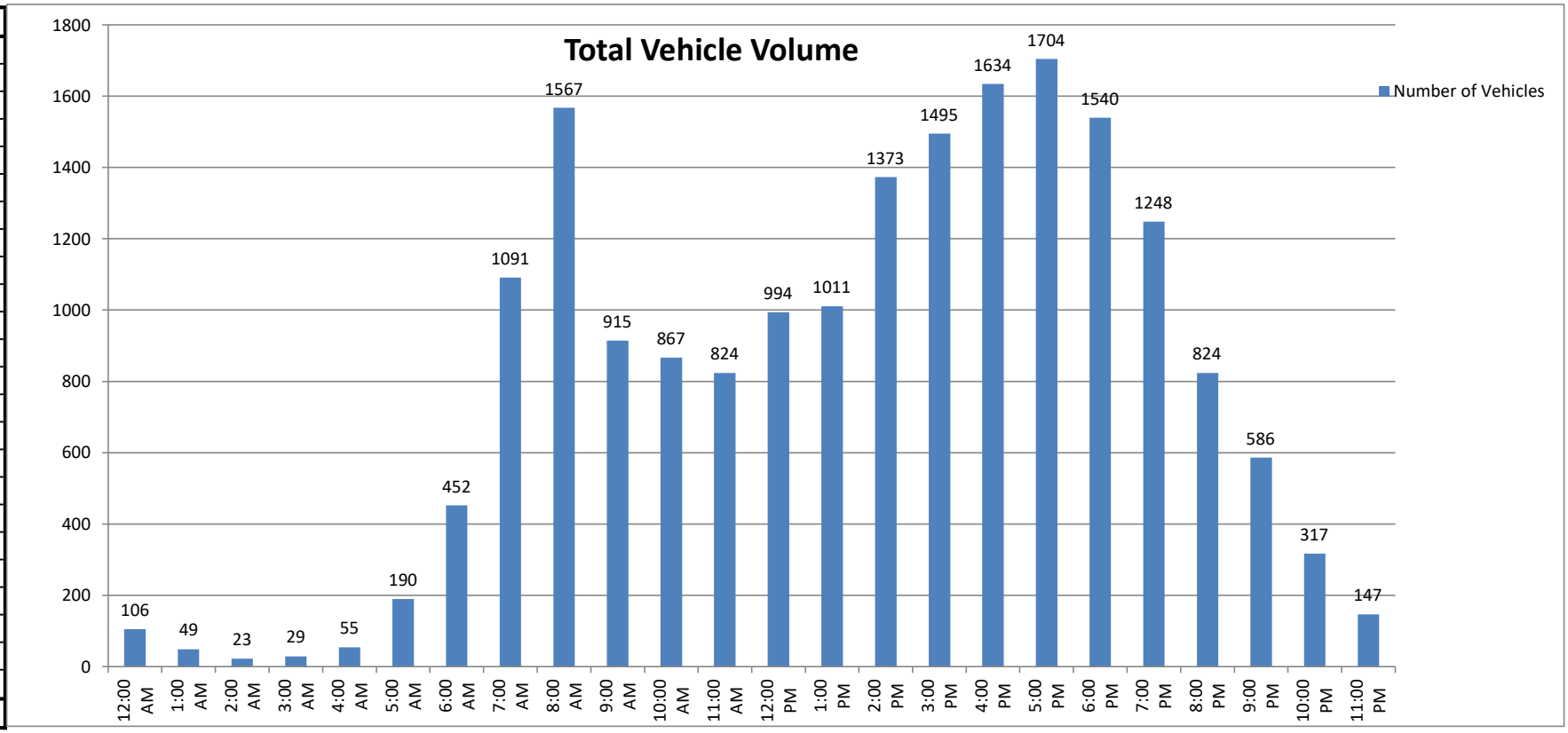
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Great Park Boulevard
B/ Sand Canyon Avenue - Ridge Valley

2/27/2024

Start Time	2/27/2024
12:00 AM	106
1:00 AM	49
2:00 AM	23
3:00 AM	29
4:00 AM	55
5:00 AM	190
6:00 AM	452
7:00 AM	1091
8:00 AM	1567
9:00 AM	915
10:00 AM	867
11:00 AM	824
12:00 PM	994
1:00 PM	1011
2:00 PM	1373
3:00 PM	1495
4:00 PM	1634
5:00 PM	1704
6:00 PM	1540
7:00 PM	1248
8:00 PM	824
9:00 PM	586
10:00 PM	317
11:00 PM	147
Total	19041



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Great Park Boulevard
B/ Sand Canyon Avenue - Ridge Valley

File Name 148
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	98			4	102				
12:15	19	115			10	130				
12:30	9	136			9	129				
12:45	9	129	48	478	2	121	25	482	73	960
1:00	5	136			5	182				
1:15	10	121			2	162				
1:30	1	172			8	134				
1:45	7	147	23	576	3	119	18	597	41	1173
2:00	3	173			1	149				
2:15	2	144			0	186				
2:30	4	121			2	261				
2:45	3	141	12	579	3	178	6	774	18	1353
3:00	4	193			1	153				
3:15	4	180			3	154				
3:30	2	168			6	152				
3:45	3	164	13	705	2	208	12	667	25	1372
4:00	2	187			3	181				
4:15	3	243			5	182				
4:30	2	197			15	176				
4:45	3	213	10	840	15	178	38	717	48	1557
5:00	11	234			17	205				
5:15	9	227			21	190				
5:30	13	257			43	190				
5:45	31	267	64	985	38	195	119	780	183	1765
6:00	32	226			52	181				
6:15	43	232			59	193				
6:30	48	225			83	166				
6:45	77	205	200	888	85	143	279	683	479	1571
7:00	40	200			102	148				
7:15	73	211			144	123				
7:30	115	160			182	139				
7:45	116	144	344	715	230	111	658	521	1002	1236
8:00	179	139			258	115				
8:15	200	139			272	86				
8:30	136	127			330	81				
8:45	141	126	656	531	224	61	1084	343	1740	874
9:00	97	106			164	84				
9:15	88	91			172	72				
9:30	86	68			183	31				
9:45	80	90	351	355	144	48	663	235	1014	590
10:00	107	69			146	37				
10:15	79	49			124	34				
10:30	89	51			142	24				
10:45	94	48	369	217	142	28	554	123	923	340
11:00	84	35			121	14				
11:15	96	31			118	24				
11:30	77	27			123	12				
11:45	87	17	344	110	125	9	487	59	831	169
Totals	2434	6979			3943	5981				
Combined Totals		9413				9924				
ADT										19337
AM Peak Hour	800	AM			745	AM				
Volume	656				1090					
P.H.F.	0.820				0.826					
PM Peak Hour		500	PM			500	PM			
Volume		985				780				
P.H.F.		0.922				0.951				
Percentage	25.9%	74.1%			39.7%	60.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

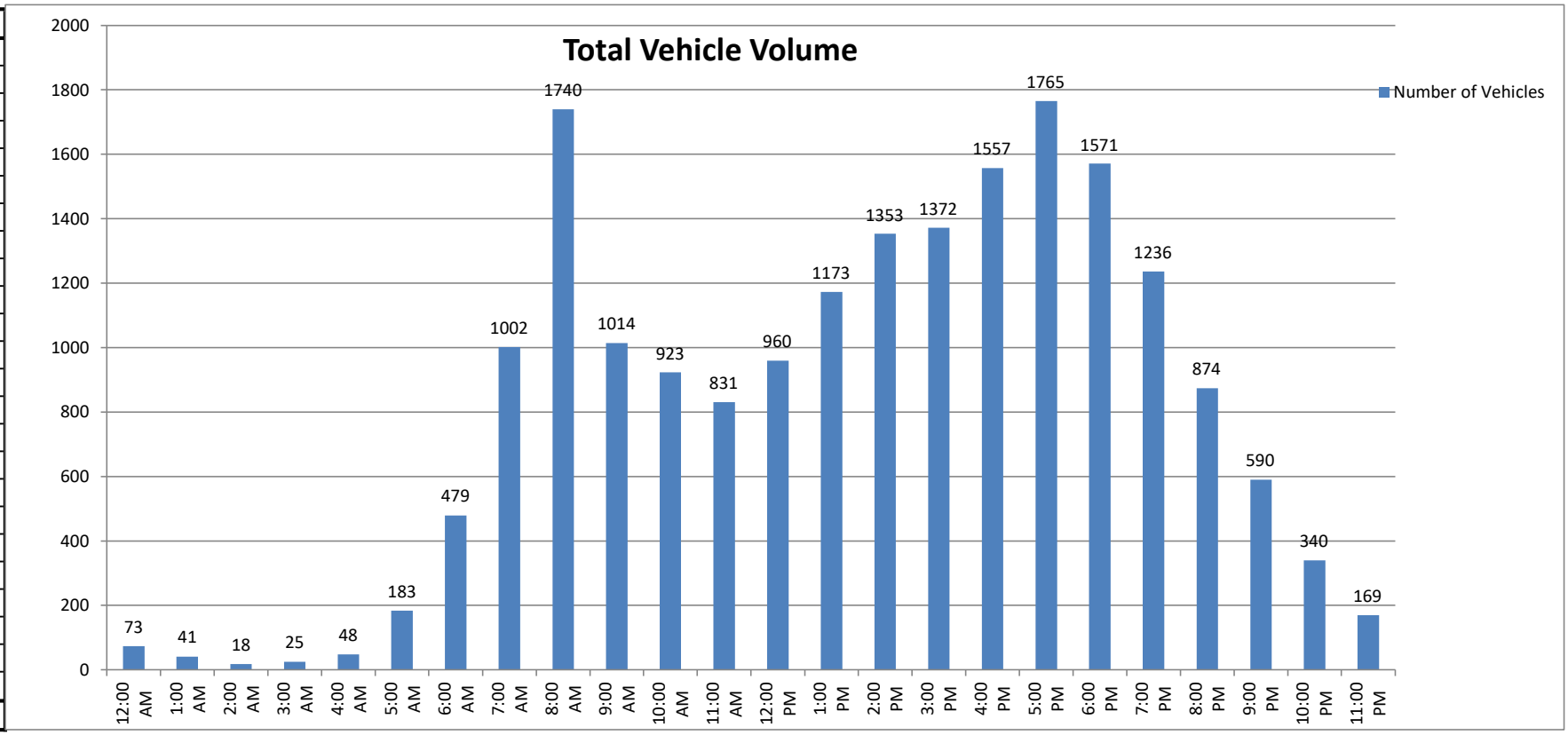
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Great Park Boulevard
B/ Sand Canyon Avenue - Ridge Valley

2/28/2024

Start Time	2/28/2024
12:00 AM	73
1:00 AM	41
2:00 AM	18
3:00 AM	25
4:00 AM	48
5:00 AM	183
6:00 AM	479
7:00 AM	1002
8:00 AM	1740
9:00 AM	1014
10:00 AM	923
11:00 AM	831
12:00 PM	960
1:00 PM	1173
2:00 PM	1353
3:00 PM	1372
4:00 PM	1557
5:00 PM	1765
6:00 PM	1571
7:00 PM	1236
8:00 PM	874
9:00 PM	590
10:00 PM	340
11:00 PM	169
Total	19337



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Great Park Boulevard
B/ Sand Canyon Avenue - Ridge Valley

File Name 148
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	105			9	102				
12:15	17	119			10	138				
12:30	14	137			8	123				
12:45	11	125	59	485	4	130	31	492	90	977
1:00	6	127			5	164				
1:15	10	121			5	144				
1:30	3	171			8	115				
1:45	7	141	25	560	3	111	20	533	45	1092
2:00	3	169			1	146				
2:15	4	156			0	196				
2:30	4	127			4	242				
2:45	3	158	13	609	4	171	8	754	21	1363
3:00	4	188			1	164				
3:15	4	197			7	161				
3:30	3	172			4	163				
3:45	3	171	13	728	4	220	15	706	27	1434
4:00	2	193			4	182				
4:15	5	240			9	204				
4:30	3	200			14	176				
4:45	3	220	11	852	14	182	41	744	52	1596
5:00	11	230			19	205				
5:15	10	228			20	186				
5:30	13	253			45	183				
5:45	28	265	62	975	43	186	125	760	187	1735
6:00	32	225			53	188				
6:15	40	241			61	183				
6:30	46	218			88	149				
6:45	71	208	188	892	78	145	278	664	466	1556
7:00	53	205			111	143				
7:15	77	201			145	123				
7:30	99	163			200	135				
7:45	115	158	344	726	248	116	703	516	1047	1242
8:00	167	146			275	109				
8:15	201	132			258	79				
8:30	123	130			294	74				
8:45	122	117	613	525	214	64	1041	325	1654	849
9:00	91	107			152	74				
9:15	83	93			167	62				
9:30	70	75			171	43				
9:45	93	83	337	358	139	53	628	231	965	588
10:00	95	65			148	43				
10:15	86	52			117	31				
10:30	87	44			137	27				
10:45	92	42	358	202	136	27	537	127	895	329
11:00	89	34			110	14				
11:15	94	29			124	20				
11:30	84	22			123	12				
11:45	92	21	359	105	113	8	469	54	828	158
Totals	2379	7014			3894	5903				
Combined Totals		9393				9797				
ADT										19189
AM Peak Hour	800	AM			745	AM				
Volume	613				1075					
P.H.F.	0.762				0.914					
PM Peak Hour		530	PM			345	PM			
Volume		983				781				
P.H.F.		0.927				0.890				
Percentage	25.3%	74.7%			39.7%	60.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Irvine Center Drive - Poplar Street

File Name 163
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	50			6	60				
12:15	3	65			3	52				
12:30	3	54			0	58				
12:45	7	51	18	220	2	59	11	229	29	449
1:00	4	56			1	55				
1:15	2	56			3	54				
1:30	2	66			0	52				
1:45	0	81	8	259	2	58	6	219	14	478
2:00	3	80			0	59				
2:15	2	88			1	83				
2:30	0	70			0	113				
2:45	3	65	8	303	2	69	3	324	11	627
3:00	1	96			2	58				
3:15	0	74			0	64				
3:30	1	102			2	74				
3:45	1	82	3	354	1	92	5	288	8	642
4:00	3	72			0	80				
4:15	2	81			1	62				
4:30	0	80			3	63				
4:45	2	86	7	319	8	78	12	283	19	602
5:00	2	110			9	84				
5:15	4	95			12	66				
5:30	6	116			5	72				
5:45	10	119	22	440	14	60	40	282	62	722
6:00	7	80			10	83				
6:15	11	91			12	54				
6:30	21	48			14	69				
6:45	20	57	59	276	39	40	75	246	134	522
7:00	29	59			30	52				
7:15	30	40			56	31				
7:30	47	50			88	52				
7:45	130	44	236	193	118	38	292	173	528	366
8:00	122	43			104	35				
8:15	74	29			111	30				
8:30	54	37			89	37				
8:45	52	35	302	144	68	31	372	133	674	277
9:00	39	28			54	31				
9:15	36	30			48	29				
9:30	42	20			48	24				
9:45	52	24	169	102	64	13	214	97	383	199
10:00	42	17			58	12				
10:15	56	13			49	13				
10:30	42	11			47	16				
10:45	36	10	176	51	50	12	204	53	380	104
11:00	43	14			51	6				
11:15	54	15			47	6				
11:30	55	5			48	1				
11:45	62	5	214	39	40	2	186	15	400	54
Totals	1222	2700			1420	2342				
Combined Totals		3922				3762				
ADT										7684
AM Peak Hour	745 AM				745 AM					
Volume	380				422					
P.H.F.	0.731				0.894					
PM Peak Hour		500 PM				200 PM				
Volume		440				324				
P.H.F.		0.924				0.717				
Percentage	31.2%	68.8%			37.7%	62.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

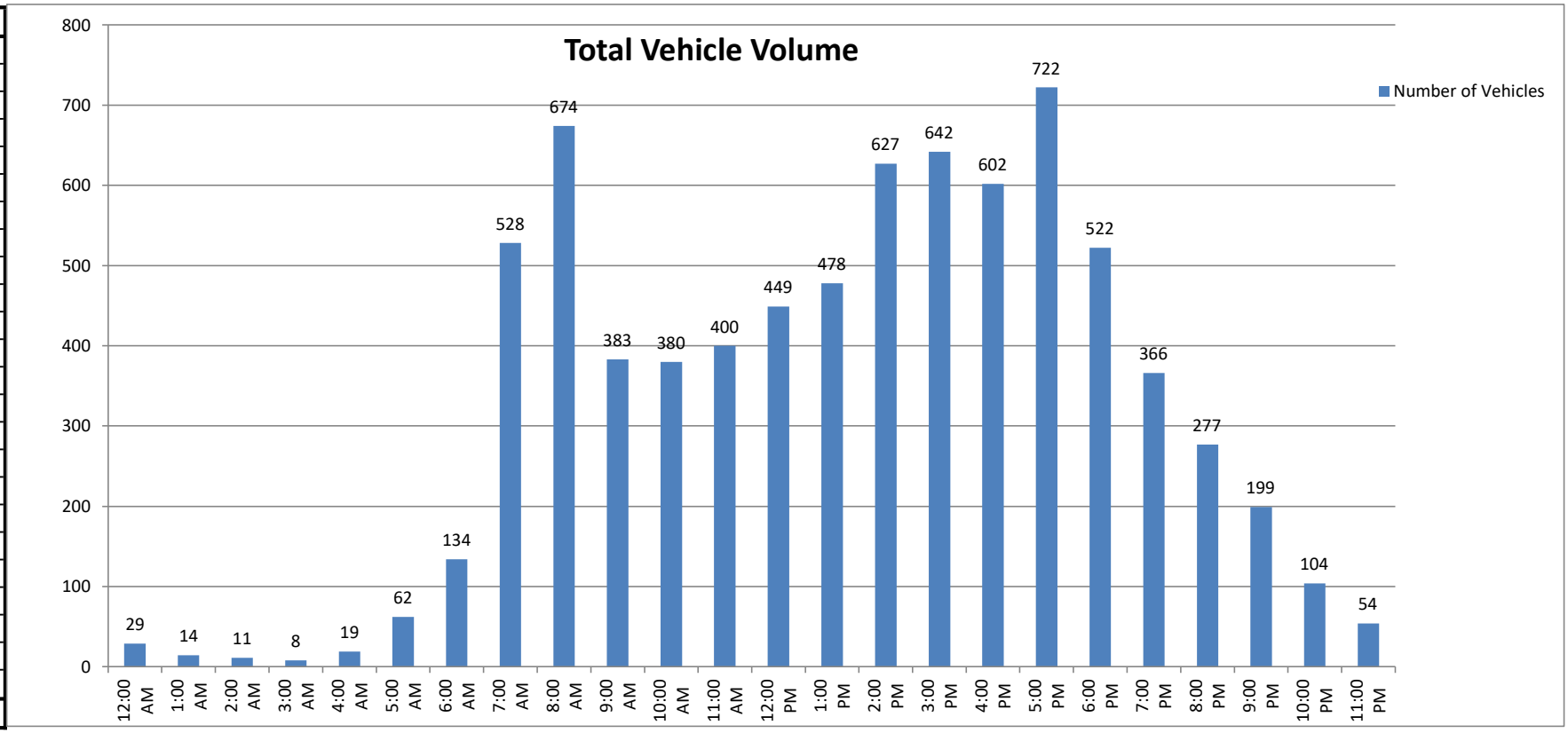
24 Hour Volume Plot

Harvard Avenue

B/ Irvine Center Drive - Poplar Street

12/12/2023

Start Time	#########
12:00 AM	29
1:00 AM	14
2:00 AM	11
3:00 AM	8
4:00 AM	19
5:00 AM	62
6:00 AM	134
7:00 AM	528
8:00 AM	674
9:00 AM	383
10:00 AM	380
11:00 AM	400
12:00 PM	449
1:00 PM	478
2:00 PM	627
3:00 PM	642
4:00 PM	602
5:00 PM	722
6:00 PM	522
7:00 PM	366
8:00 PM	277
9:00 PM	199
10:00 PM	104
11:00 PM	54
Total	7684



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Irvine Center Drive - Poplar Street

File Name 163
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	53			4	46				
12:15	3	61			2	52				
12:30	4	38			1	42				
12:45	3	78	16	230	6	46	13	186	29	416
1:00	0	89			1	57				
1:15	5	101			5	69				
1:30	3	78			0	87				
1:45	3	73	11	341	1	81	7	294	18	635
2:00	0	63			1	80				
2:15	2	74			2	79				
2:30	0	66			0	80				
2:45	2	66	4	269	1	77	4	316	8	585
3:00	1	87			1	68				
3:15	2	92			0	62				
3:30	1	79			1	72				
3:45	2	90	6	348	1	75	3	277	9	625
4:00	0	85			2	74				
4:15	1	88			0	80				
4:30	3	82			5	85				
4:45	3	97	7	352	7	74	14	313	21	665
5:00	2	98			8	90				
5:15	7	99			11	78				
5:30	6	85			6	76				
5:45	7	83	22	365	9	78	34	322	56	687
6:00	7	74			8	77				
6:15	12	64			22	54				
6:30	17	66			22	49				
6:45	19	78	55	282	37	58	89	238	144	520
7:00	35	58			40	58				
7:15	33	40			46	49				
7:30	50	54			64	29				
7:45	110	41	228	193	97	40	247	176	475	369
8:00	100	52			126	38				
8:15	61	30			112	30				
8:30	52	33			90	38				
8:45	69	29	282	144	81	32	409	138	691	282
9:00	46	28			53	34				
9:15	46	30			55	30				
9:30	53	17			57	22				
9:45	47	23	192	98	58	23	223	109	415	207
10:00	44	15			50	14				
10:15	44	21			54	9				
10:30	43	13			40	8				
10:45	34	10	165	59	43	6	187	37	352	96
11:00	58	7			52	7				
11:15	60	6			42	7				
11:30	40	6			53	6				
11:45	65	3	223	22	51	2	198	22	421	44
Totals	1211	2703			1428	2428				
Combined Totals		3914				3856				
ADT										7770
AM Peak Hour	745	AM			745	AM				
Volume	323				425					
P.H.F.	0.734				0.843					
PM Peak Hour		445	PM			415	PM			
Volume		379				329				
P.H.F.		0.957				0.914				
Percentage	30.9%	69.1%			37.0%	63.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

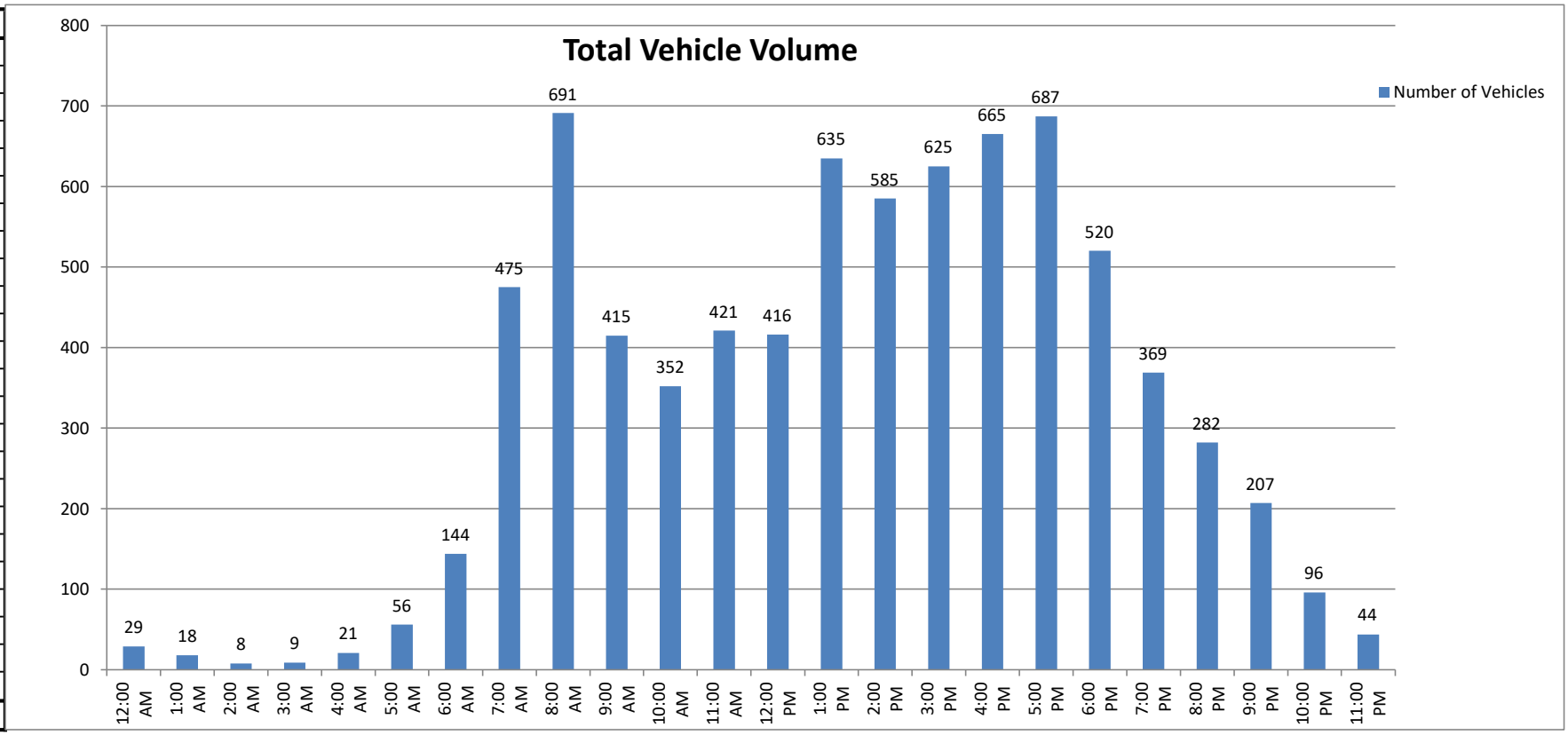
24 Hour Volume Plot

Harvard Avenue

B/ Irvine Center Drive - Poplar Street

12/13/2023

Start Time	#########
12:00 AM	29
1:00 AM	18
2:00 AM	8
3:00 AM	9
4:00 AM	21
5:00 AM	56
6:00 AM	144
7:00 AM	475
8:00 AM	691
9:00 AM	415
10:00 AM	352
11:00 AM	421
12:00 PM	416
1:00 PM	635
2:00 PM	585
3:00 PM	625
4:00 PM	665
5:00 PM	687
6:00 PM	520
7:00 PM	369
8:00 PM	282
9:00 PM	207
10:00 PM	96
11:00 PM	44
Total	7770



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Harvard Avenue
B/ Irvine Center Drive - Poplar Street

File Name 163
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	52			5	53				
12:15	3	63			3	52				
12:30	4	46			1	50				
12:45	5	65	17	225	4	53	12	208	29	433
1:00	2	73			1	56				
1:15	4	79			4	62				
1:30	3	72			0	70				
1:45	2	77	10	300	2	70	7	257	16	557
2:00	2	72			1	70				
2:15	2	81			2	81				
2:30	0	68			0	97				
2:45	3	66	6	286	2	73	4	320	10	606
3:00	1	92			2	63				
3:15	1	83			0	63				
3:30	1	91			2	73				
3:45	2	86	5	351	1	84	4	283	9	634
4:00	2	79			1	77				
4:15	2	85			1	71				
4:30	2	81			4	74				
4:45	3	92	7	336	8	76	13	298	20	634
5:00	2	104			9	87				
5:15	6	97			12	72				
5:30	6	101			6	74				
5:45	9	101	22	403	12	69	37	302	59	705
6:00	7	77			9	80				
6:15	12	78			17	54				
6:30	19	57			18	59				
6:45	20	68	57	279	38	49	82	242	139	521
7:00	32	59			35	55				
7:15	32	40			51	40				
7:30	49	52			76	41				
7:45	120	43	232	193	108	39	270	175	502	368
8:00	111	48			115	37				
8:15	68	30			112	30				
8:30	53	35			90	38				
8:45	61	32	292	144	75	32	391	136	683	280
9:00	43	28			54	33				
9:15	41	30			52	30				
9:30	48	19			53	23				
9:45	50	24	181	100	61	18	219	103	399	203
10:00	43	16			54	13				
10:15	50	17			52	11				
10:30	43	12			44	12				
10:45	35	10	171	55	47	9	196	45	366	100
11:00	51	11			52	7				
11:15	57	11			45	7				
11:30	48	6			51	4				
11:45	64	4	219	31	46	2	192	19	411	49
Totals	1217	2702			1424	2385				
Combined Totals		3918				3809				
ADT										7727
AM Peak Hour	745	AM			745	AM				
Volume	352				424					
P.H.F.	0.732				0.921					
PM Peak Hour		500	PM			200	PM			
Volume		403				320				
P.H.F.		0.968				0.829				
Percentage	31.0%	69.0%			37.4%	62.6%				

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PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Paseo Westpark - Irvine Center Drive

File Name 162
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	59			3	57				
12:15	6	78			6	55				
12:30	4	64			4	73				
12:45	5	65	18	266	4	72	17	257	35	523
1:00	6	54			2	78				
1:15	3	74			0	60				
1:30	1	84			1	74				
1:45	4	95	14	307	2	78	5	290	19	597
2:00	1	88			0	76				
2:15	1	82			3	82				
2:30	1	76			0	96				
2:45	1	92	4	338	1	90	4	344	8	682
3:00	0	90			0	92				
3:15	1	88			0	94				
3:30	1	94			1	86				
3:45	0	110	2	382	3	97	4	369	6	751
4:00	1	108			2	122				
4:15	3	115			4	114				
4:30	2	110			3	94				
4:45	3	136	9	469	2	104	11	434	20	903
5:00	3	119			6	106				
5:15	5	141			9	102				
5:30	3	134			10	115				
5:45	12	154	23	548	9	107	34	430	57	978
6:00	10	92			14	90				
6:15	17	98			18	94				
6:30	22	68			24	86				
6:45	18	68	67	326	46	82	102	352	169	678
7:00	32	76			38	67				
7:15	27	52			64	49				
7:30	48	46			92	49				
7:45	102	48	209	222	101	58	295	223	504	445
8:00	100	50			133	42				
8:15	96	38			142	58				
8:30	79	36			135	44				
8:45	52	40	327	164	112	45	522	189	849	353
9:00	62	44			74	32				
9:15	51	28			70	28				
9:30	59	32			60	36				
9:45	74	21	246	125	76	19	280	115	526	240
10:00	56	22			60	22				
10:15	70	15			64	17				
10:30	60	14			44	17				
10:45	45	10	231	61	67	10	235	66	466	127
11:00	56	12			56	10				
11:15	75	14			66	10				
11:30	72	4			78	2				
11:45	70	8	273	38	54	6	254	28	527	66
Totals	1423	3246			1763	3097				
Combined Totals		4669				4860				
ADT										9529
AM Peak Hour	745	AM			800	AM				
Volume	377				522					
P.H.F.	0.924				0.919					
PM Peak Hour		500	PM			400	PM			
Volume		548				434				
P.H.F.		0.890				0.889				
Percentage	30.5%	69.5%			36.3%	63.7%				

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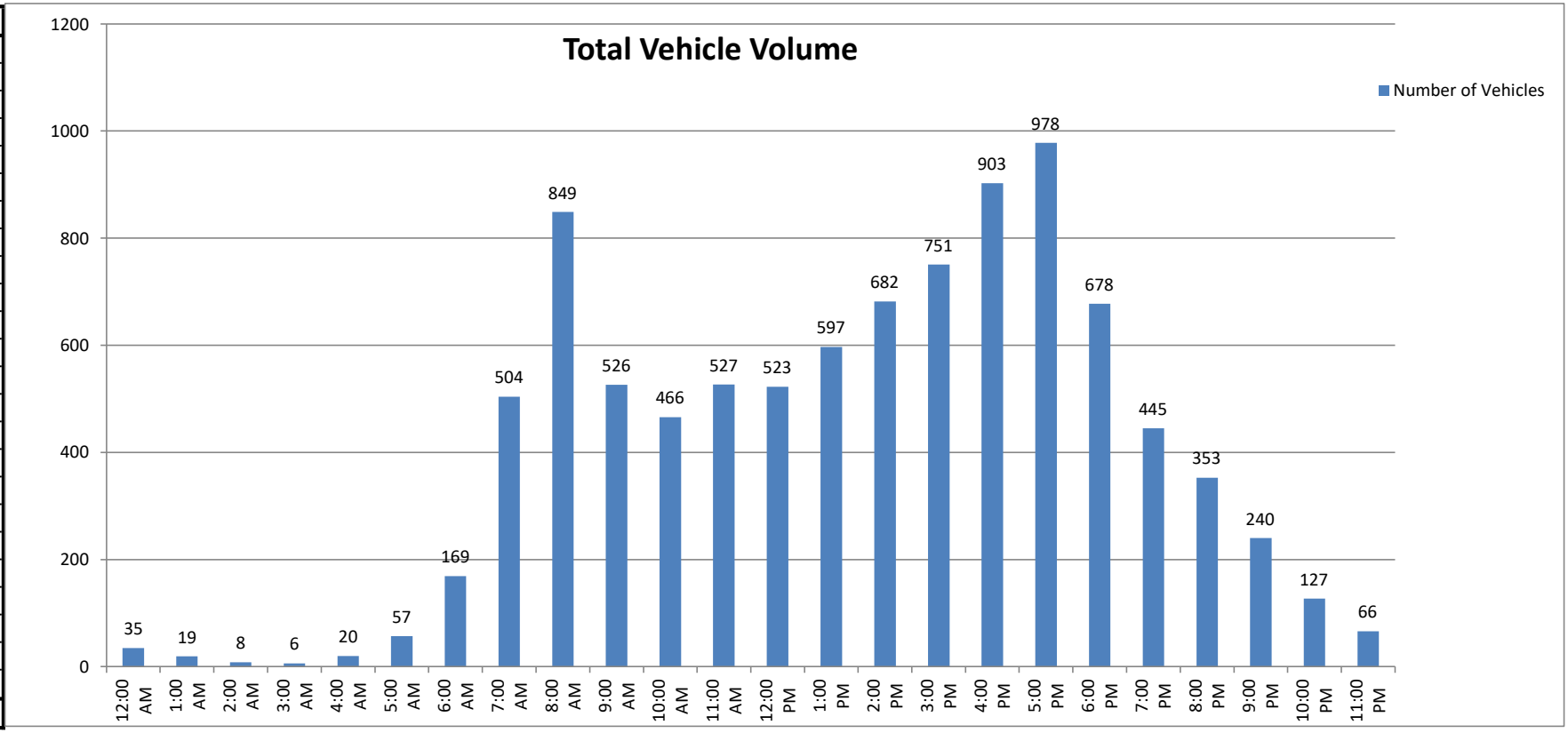
24 Hour Volume Plot

Harvard Avenue

B/ Paseo Westpark - Irvine Center Drive

12/12/2023

Start Time	#########
12:00 AM	35
1:00 AM	19
2:00 AM	8
3:00 AM	6
4:00 AM	20
5:00 AM	57
6:00 AM	169
7:00 AM	504
8:00 AM	849
9:00 AM	526
10:00 AM	466
11:00 AM	527
12:00 PM	523
1:00 PM	597
2:00 PM	682
3:00 PM	751
4:00 PM	903
5:00 PM	978
6:00 PM	678
7:00 PM	445
8:00 PM	353
9:00 PM	240
10:00 PM	127
11:00 PM	66
Total	9529



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Paseo Westpark - Irvine Center Drive

File Name 162
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	72			10	58				
12:15	4	68			9	67				
12:30	2	76			1	64				
12:45	2	65	16	281	4	63	24	252	40	533
1:00	1	77			1	82				
1:15	1	98			1	75				
1:30	3	87			1	78				
1:45	0	78	5	340	2	98	5	333	10	673
2:00	2	79			2	82				
2:15	2	82			1	88				
2:30	2	95			2	98				
2:45	2	114	8	370	2	112	7	380	15	750
3:00	2	69			0	66				
3:15	4	104			1	92				
3:30	0	111			2	92				
3:45	0	102	6	386	2	102	5	352	11	738
4:00	0	106			1	95				
4:15	1	111			0	106				
4:30	1	120			0	114				
4:45	3	130	5	467	6	118	7	433	12	900
5:00	4	123			6	104				
5:15	2	124			11	109				
5:30	4	103			10	130				
5:45	11	102	21	452	6	112	33	455	54	907
6:00	8	96			9	86				
6:15	14	96			28	86				
6:30	23	62			26	62				
6:45	28	68	73	322	36	63	99	297	172	619
7:00	41	58			50	52				
7:15	32	60			59	73				
7:30	54	64			79	63				
7:45	96	63	223	245	86	62	274	250	497	495
8:00	100	50			130	50				
8:15	86	40			136	29				
8:30	72	32			134	56				
8:45	80	25	338	147	116	38	516	173	854	320
9:00	57	40			102	40				
9:15	66	26			72	33				
9:30	49	22			60	30				
9:45	54	28	226	116	52	32	286	135	512	251
10:00	58	22			56	26				
10:15	64	22			74	23				
10:30	59	14			53	10				
10:45	38	18	219	76	51	12	234	71	453	147
11:00	51	12			58	9				
11:15	67	9			63	12				
11:30	60	4			68	3				
11:45	74	2	252	27	66	7	255	31	507	58
Totals	1392	3229			1745	3162				
Combined Totals		4621				4907				
ADT										9528
AM Peak Hour	745	AM			800	AM				
Volume	354				516					
P.H.F.	0.885				0.949					
PM Peak Hour		430	PM			445	PM			
Volume		497				461				
P.H.F.		0.956				0.887				
Percentage	30.1%	69.9%			35.6%	64.4%				

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

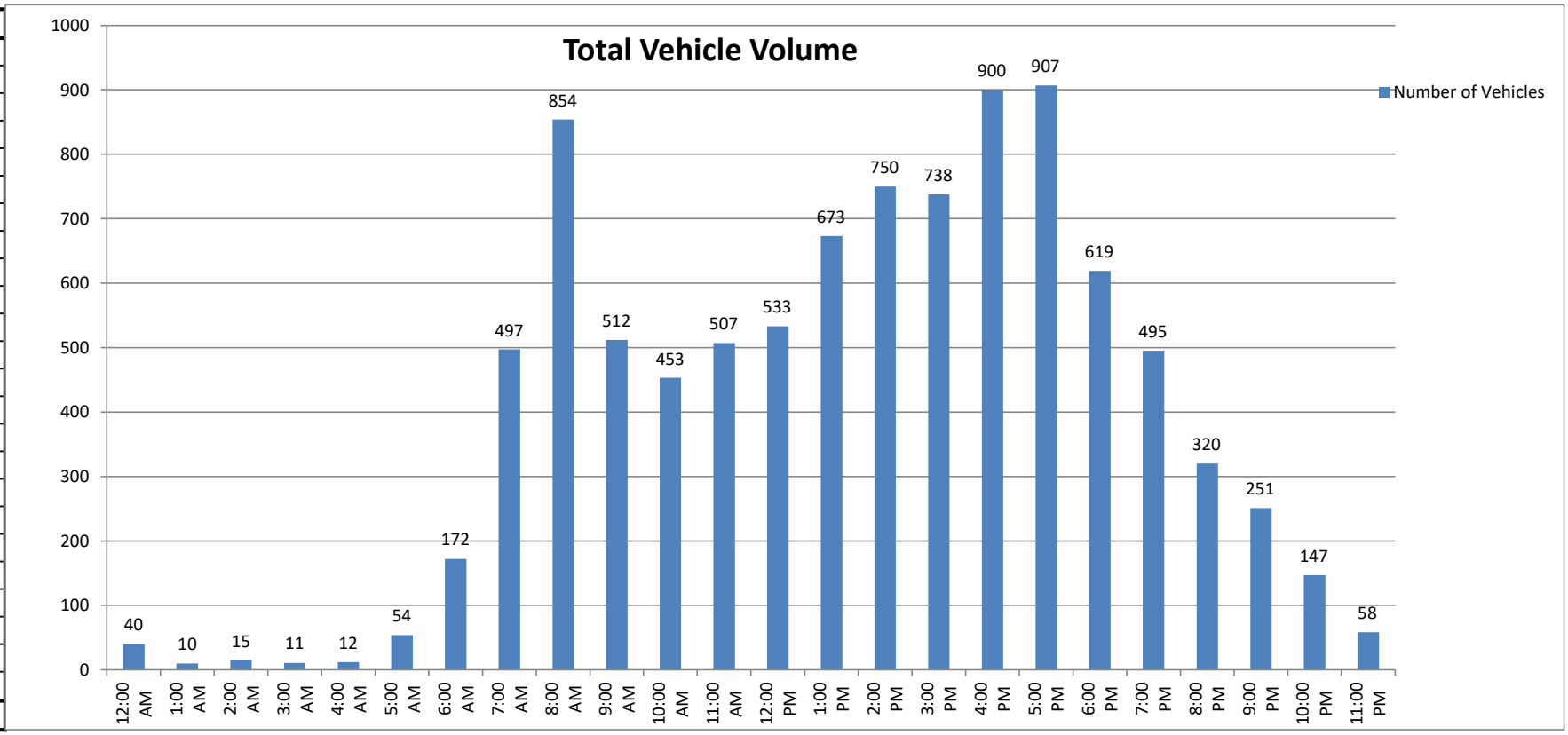
24 Hour Volume Plot

Harvard Avenue

B/ Paseo Westpark - Irvine Center Drive

12/13/2023

Start Time	#########
12:00 AM	40
1:00 AM	10
2:00 AM	15
3:00 AM	11
4:00 AM	12
5:00 AM	54
6:00 AM	172
7:00 AM	497
8:00 AM	854
9:00 AM	512
10:00 AM	453
11:00 AM	507
12:00 PM	533
1:00 PM	673
2:00 PM	750
3:00 PM	738
4:00 PM	900
5:00 PM	907
6:00 PM	619
7:00 PM	495
8:00 PM	320
9:00 PM	251
10:00 PM	147
11:00 PM	58
Total	9528



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Harvard Avenue
B/ Paseo Westpark - Irvine Center Drive

File Name 162
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	66			7	58				
12:15	5	73			8	61				
12:30	3	70			3	69				
12:45	4	65	17	274	4	68	21	255	38	528
1:00	4	66			2	80				
1:15	2	86			1	68				
1:30	2	86			1	76				
1:45	2	87	10	324	2	88	5	312	15	635
2:00	2	84			1	79				
2:15	2	82			2	85				
2:30	2	86			1	97				
2:45	2	103	6	354	2	101	6	362	12	716
3:00	1	80			0	79				
3:15	3	96			1	93				
3:30	1	103			2	89				
3:45	0	106	4	384	3	100	5	361	9	745
4:00	1	107			2	109				
4:15	2	113			2	110				
4:30	2	115			2	104				
4:45	3	133	7	468	4	111	9	434	16	902
5:00	4	121			6	105				
5:15	4	133			10	106				
5:30	4	119			10	123				
5:45	12	128	22	500	8	110	34	443	56	943
6:00	9	94			12	88				
6:15	16	97			23	90				
6:30	23	65			25	74				
6:45	23	68	70	324	41	73	101	325	171	649
7:00	37	67			44	60				
7:15	30	56			62	61				
7:30	51	55			86	56				
7:45	99	56	216	234	94	60	285	237	501	470
8:00	100	50			132	46				
8:15	91	39			139	44				
8:30	76	34			135	50				
8:45	66	33	333	156	114	42	519	181	852	337
9:00	60	42			88	36				
9:15	59	27			71	31				
9:30	54	27			60	33				
9:45	64	25	236	121	64	26	283	125	519	246
10:00	57	22			58	24				
10:15	67	19			69	20				
10:30	60	14			49	14				
10:45	42	14	225	69	59	11	235	69	460	137
11:00	54	12			57	10				
11:15	71	12			65	11				
11:30	66	4			73	3				
11:45	72	5	263	33	60	7	255	30	517	62
Totals	1408	3238			1754	3130				
Combined Totals		4645				4884				
ADT										9529
AM Peak Hour	745	AM			800	AM				
Volume	366				519					
P.H.F.	0.914				0.933					
PM Peak Hour		445	PM			445	PM			
Volume		505				444				
P.H.F.		0.949				0.906				
Percentage	30.3%	69.7%			35.9%	64.1%				

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City of Irvine
Harvard Avenue
B/ Poplar Street - Walnut Avenue

File Name 164
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	42			8	46				
12:15	6	53			1	55				
12:30	2	38			2	52				
12:45	4	40	16	173	4	52	15	205	31	378
1:00	1	40			2	44				
1:15	3	56			3	44				
1:30	0	38			2	52				
1:45	2	56	6	190	2	42	9	182	15	372
2:00	0	52			1	48				
2:15	0	60			0	63				
2:30	0	66			0	66				
2:45	2	48	2	226	3	48	4	225	6	451
3:00	0	60			0	47				
3:15	0	57			1	52				
3:30	2	82			1	62				
3:45	1	58	3	257	0	71	2	232	5	489
4:00	2	52			0	90				
4:15	3	68			0	50				
4:30	4	68			2	74				
4:45	2	58	11	246	6	84	8	298	19	544
5:00	5	72			5	87				
5:15	6	69			6	52				
5:30	12	87			2	76				
5:45	9	78	32	306	5	64	18	279	50	585
6:00	12	59			6	84				
6:15	10	54			6	48				
6:30	19	47			14	60				
6:45	31	44	72	204	24	40	50	232	122	436
7:00	40	51			15	49				
7:15	31	28			34	44				
7:30	48	38			44	51				
7:45	74	36	193	153	44	34	137	178	330	331
8:00	90	42			64	39				
8:15	76	26			60	44				
8:30	60	26			50	41				
8:45	46	28	272	122	36	36	210	160	482	282
9:00	40	22			32	40				
9:15	45	18			30	30				
9:30	42	16			30	26				
9:45	54	12	181	68	46	16	138	112	319	180
10:00	42	24			32	14				
10:15	50	13			32	14				
10:30	37	8			40	22				
10:45	38	6	167	51	40	20	144	70	311	121
11:00	38	12			28	7				
11:15	46	7			48	10				
11:30	34	3			40	7				
11:45	41	6	159	28	36	6	152	30	311	58
Totals	1114	2024			887	2203				
Combined Totals		3138				3090				
ADT										6228
AM Peak Hour	745	AM			745	AM				
Volume	300				218					
P.H.F.	0.833				0.852					
PM Peak Hour		500	PM			445	PM			
Volume		306				299				
P.H.F.		0.879				0.859				
Percentage	35.5%	64.5%			28.7%	71.3%				

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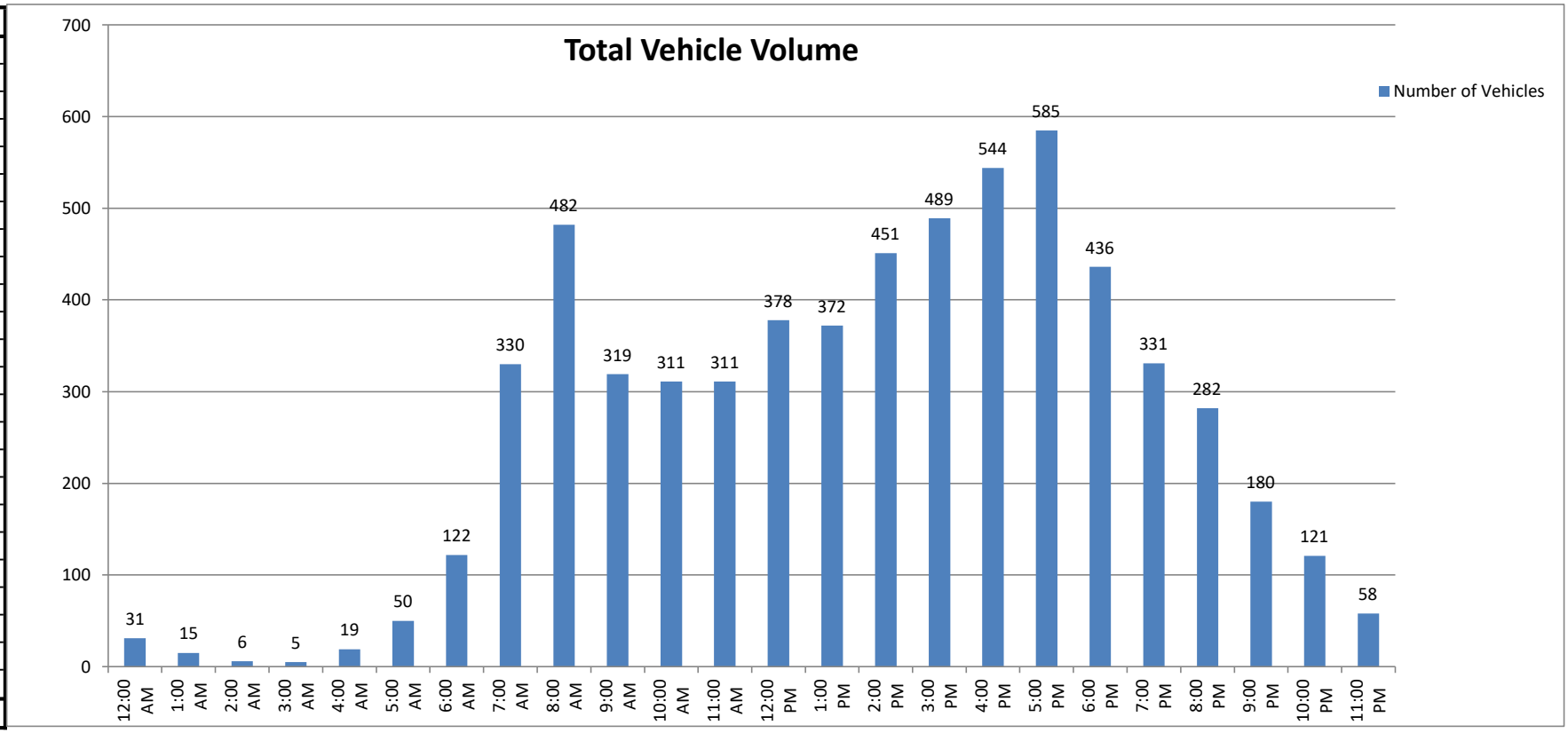
24 Hour Volume Plot

Harvard Avenue
B/ Poplar Street - Walnut Avenue
12/12/2023

Start Time	#########
12:00 AM	31
1:00 AM	15
2:00 AM	6
3:00 AM	5
4:00 AM	19
5:00 AM	50
6:00 AM	122
7:00 AM	330
8:00 AM	482
9:00 AM	319
10:00 AM	311
11:00 AM	311
12:00 PM	378
1:00 PM	372
2:00 PM	451
3:00 PM	489
4:00 PM	544
5:00 PM	585
6:00 PM	436
7:00 PM	331
8:00 PM	282
9:00 PM	180
10:00 PM	121
11:00 PM	58
Total	6228



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Poplar Street - Walnut Avenue

File Name 164
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	55			6	28				
12:15	2	53			1	44				
12:30	4	37			3	43				
12:45	2	60	10	205	6	45	16	160	26	365
1:00	1	46			7	54				
1:15	0	51			3	52				
1:30	2	65			1	66				
1:45	2	52	5	214	2	54	13	226	18	440
2:00	0	52			0	54				
2:15	3	64			3	76				
2:30	0	59			0	64				
2:45	1	58	4	233	1	69	4	263	8	496
3:00	0	61			0	52				
3:15	3	69			1	51				
3:30	0	58			0	72				
3:45	2	68	5	256	3	72	4	247	9	503
4:00	2	64			0	62				
4:15	2	68			0	65				
4:30	6	58			3	76				
4:45	4	66	14	256	2	74	5	277	19	533
5:00	4	64			8	90				
5:15	10	72			4	74				
5:30	15	79			3	72				
5:45	9	48	38	263	6	69	21	305	59	568
6:00	20	52			8	80				
6:15	17	47			8	58				
6:30	18	49			16	50				
6:45	21	41	76	189	22	40	54	228	130	417
7:00	36	46			18	67				
7:15	30	40			30	48				
7:30	49	42			30	39				
7:45	64	33	179	161	54	45	132	199	311	360
8:00	72	30			72	44				
8:15	67	20			59	36				
8:30	45	39			50	41				
8:45	56	18	240	107	48	30	229	151	469	258
9:00	47	24			43	41				
9:15	49	20			28	29				
9:30	40	12			32	26				
9:45	56	12	192	68	40	26	143	122	335	190
10:00	40	10			29	16				
10:15	32	14			37	14				
10:30	30	11			30	13				
10:45	38	11	140	46	30	15	126	58	266	104
11:00	38	6			40	8				
11:15	48	5			36	8				
11:30	44	3			56	8				
11:45	47	1	177	15	55	4	187	28	364	43
Totals	1080	2013			934	2264				
Combined Totals		3093				3198				
ADT										6291
AM Peak Hour	730	AM			745	AM				
Volume	252				235					
P.H.F.	0.875				0.816					
PM Peak Hour		445	PM			430	PM			
Volume		281				314				
P.H.F.		0.889				0.872				
Percentage	34.9%	65.1%			29.2%	70.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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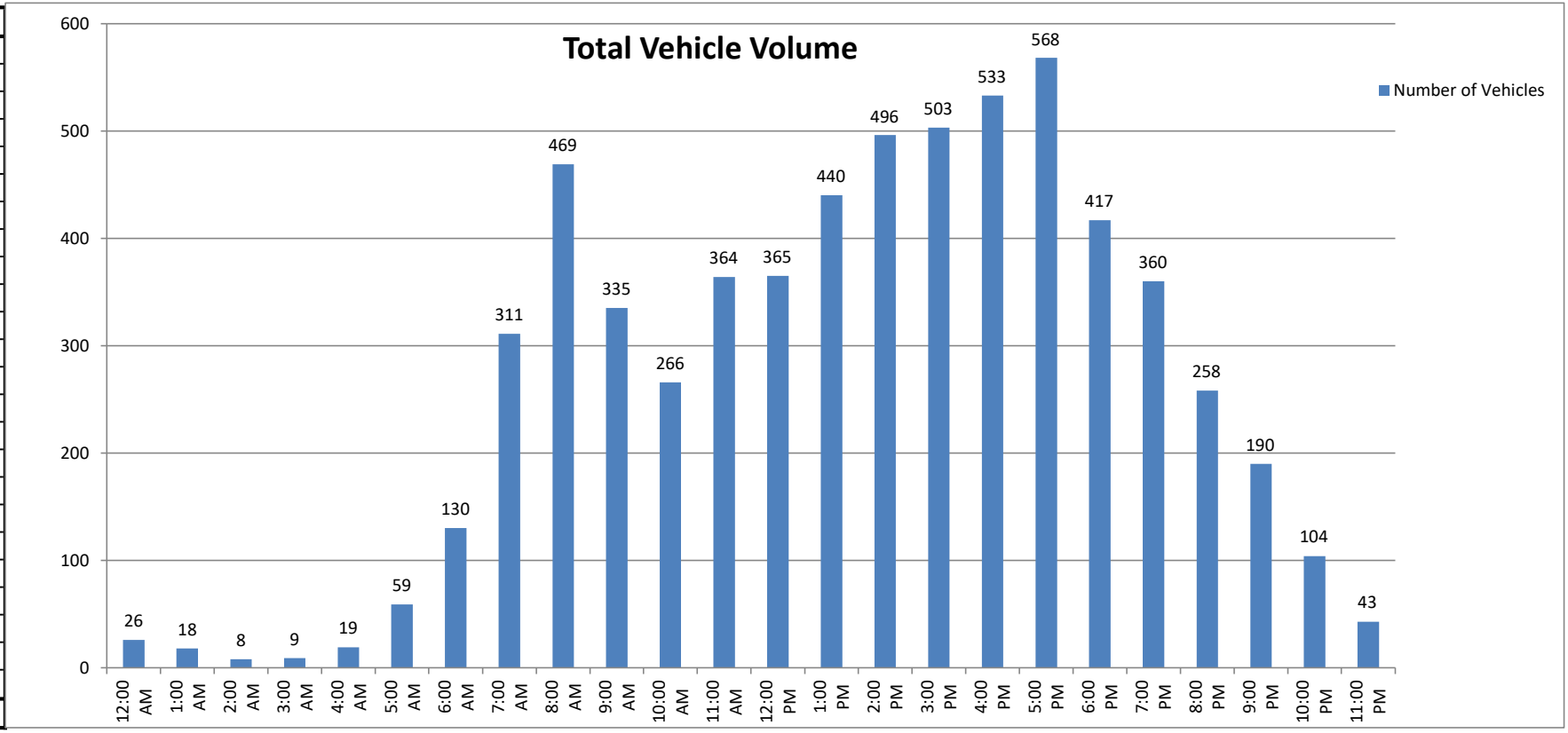
24 Hour Volume Plot

Harvard Avenue
B/ Poplar Street - Walnut Avenue
12/13/2023

Start Time	#########
12:00 AM	26
1:00 AM	18
2:00 AM	8
3:00 AM	9
4:00 AM	19
5:00 AM	59
6:00 AM	130
7:00 AM	311
8:00 AM	469
9:00 AM	335
10:00 AM	266
11:00 AM	364
12:00 PM	365
1:00 PM	440
2:00 PM	496
3:00 PM	503
4:00 PM	533
5:00 PM	568
6:00 PM	417
7:00 PM	360
8:00 PM	258
9:00 PM	190
10:00 PM	104
11:00 PM	43
Total	6291



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Harvard Avenue
B/ Poplar Street - Walnut Avenue

File Name 164
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	49			7	37				
12:15	4	53			1	50				
12:30	3	38			3	48				
12:45	3	50	13	189	5	49	16	183	29	372
1:00	1	43			5	49				
1:15	2	54			3	48				
1:30	1	52			2	59				
1:45	2	54	6	202	2	48	11	204	17	406
2:00	0	52			1	51				
2:15	2	62			2	70				
2:30	0	63			0	65				
2:45	2	53	3	230	2	59	4	244	7	474
3:00	0	61			0	50				
3:15	2	63			1	52				
3:30	1	70			1	67				
3:45	2	63	4	257	2	72	3	240	7	496
4:00	2	58			0	76				
4:15	3	68			0	58				
4:30	5	63			3	75				
4:45	3	62	13	251	4	79	7	288	19	539
5:00	5	68			7	89				
5:15	8	71			5	63				
5:30	14	83			3	74				
5:45	9	63	35	285	6	67	20	292	55	577
6:00	16	56			7	82				
6:15	14	51			7	53				
6:30	19	48			15	55				
6:45	26	43	74	197	23	40	52	230	126	427
7:00	38	49			17	58				
7:15	31	34			32	46				
7:30	49	40			37	45				
7:45	69	35	186	157	49	40	135	189	321	346
8:00	81	36			68	42				
8:15	72	23			60	40				
8:30	53	33			50	41				
8:45	51	23	256	115	42	33	220	156	476	270
9:00	44	23			38	41				
9:15	47	19			29	30				
9:30	41	14			31	26				
9:45	55	12	187	68	43	21	141	117	327	185
10:00	41	17			31	15				
10:15	41	14			35	14				
10:30	34	10			35	18				
10:45	38	9	154	49	35	18	135	64	289	113
11:00	38	9			34	8				
11:15	47	6			42	9				
11:30	39	3			48	8				
11:45	44	4	168	22	46	5	170	29	338	51
Totals	1097	2019			911	2234				
Combined Totals		3116				3144				
ADT										6260
AM Peak Hour	745	AM			745	AM				
Volume	274				227					
P.H.F.	0.846				0.833					
PM Peak Hour		500	PM			430	PM			
Volume		285				306				
P.H.F.		0.857				0.863				
Percentage	35.2%	64.8%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Bake Parkway - Muller

File Name 190
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	105			6	146				
12:15	4	125			11	126				
12:30	8	126			15	170				
12:45	13	167	41	523	9	156	41	598	82	1121
1:00	5	124			3	156				
1:15	5	155			7	138				
1:30	5	140			1	155				
1:45	4	148	19	567	3	139	14	588	33	1155
2:00	3	151			5	128				
2:15	4	114			3	164				
2:30	2	155			7	177				
2:45	4	144	13	564	1	135	16	604	29	1168
3:00	7	140			3	128				
3:15	2	153			5	119				
3:30	5	117			5	190				
3:45	4	173	18	583	8	156	21	593	39	1176
4:00	5	173			13	171				
4:15	8	187			9	163				
4:30	9	207			12	200				
4:45	28	210	50	777	12	171	46	705	96	1482
5:00	19	203			15	262				
5:15	32	210			26	214				
5:30	58	206			30	226				
5:45	61	178	170	797	35	134	106	836	276	1633
6:00	60	160			38	163				
6:15	47	134			56	113				
6:30	60	112			47	157				
6:45	106	110	273	516	81	120	222	553	495	1069
7:00	96	78			82	93				
7:15	128	94			135	76				
7:30	144	70			139	75				
7:45	196	51	564	293	131	79	487	323	1051	616
8:00	218	57			166	61				
8:15	226	64			172	63				
8:30	218	60			159	51				
8:45	208	71	870	252	181	71	678	246	1548	498
9:00	175	51			128	56				
9:15	148	40			121	36				
9:30	121	50			131	39				
9:45	152	31	596	172	139	32	519	163	1115	335
10:00	116	46			109	38				
10:15	147	29			139	21				
10:30	123	25			122	20				
10:45	98	22	484	122	112	16	482	95	966	217
11:00	114	26			112	12				
11:15	97	15			126	20				
11:30	128	14			138	18				
11:45	119	15	458	70	133	13	509	63	967	133
Totals	3556	5236			3141	5367				
Combined Totals		8792				8508				
ADT										17300
AM Peak Hour	800	AM			800	AM				
Volume	870				678					
P.H.F.	0.962				0.936					
PM Peak Hour		430	PM			445	PM			
Volume		830				873				
P.H.F.		0.988				0.833				
Percentage	40.4%	59.6%			36.9%	63.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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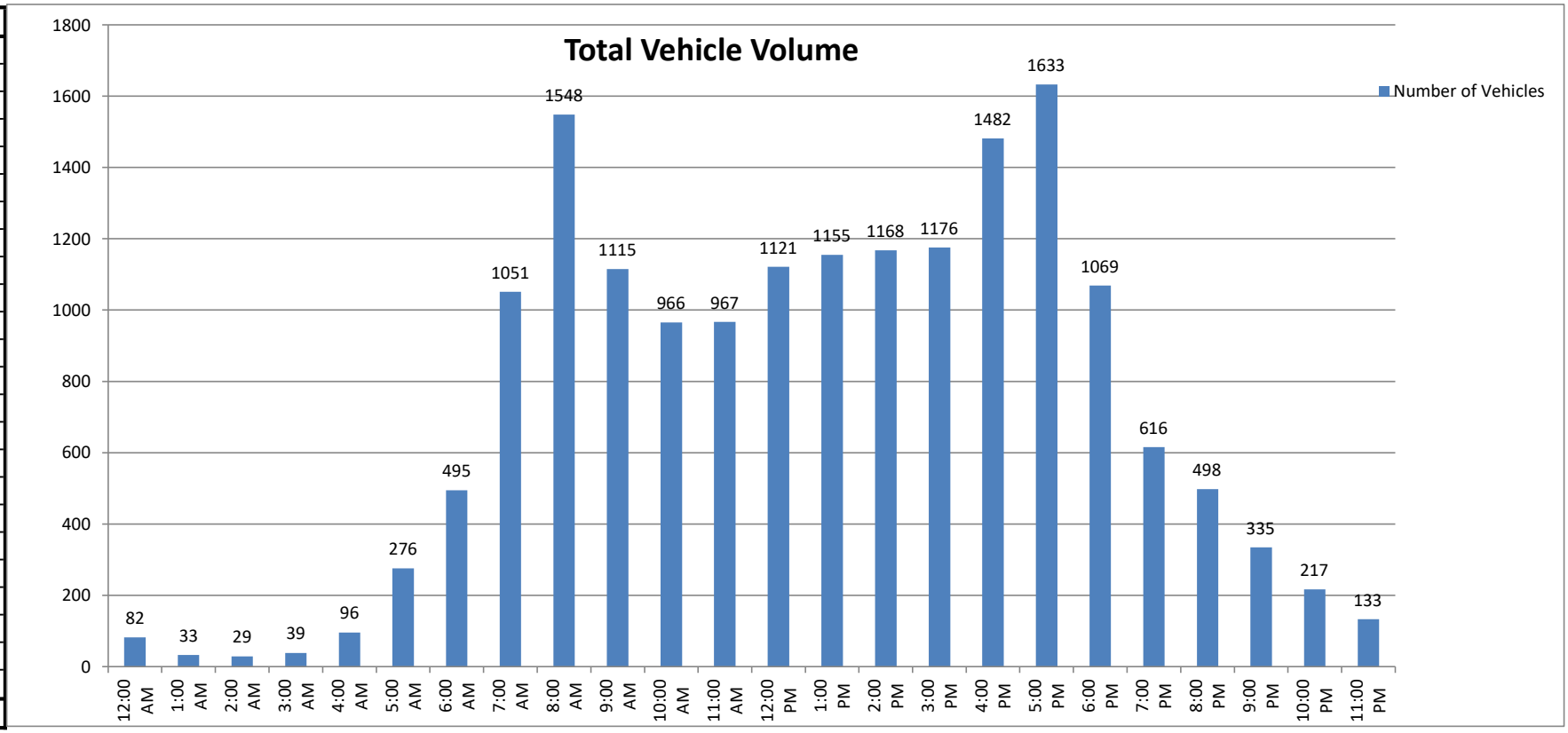
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Bake Parkway - Muller

5/1/2024

Start Time	5/1/2024
12:00 AM	82
1:00 AM	33
2:00 AM	29
3:00 AM	39
4:00 AM	96
5:00 AM	276
6:00 AM	495
7:00 AM	1051
8:00 AM	1548
9:00 AM	1115
10:00 AM	966
11:00 AM	967
12:00 PM	1121
1:00 PM	1155
2:00 PM	1168
3:00 PM	1176
4:00 PM	1482
5:00 PM	1633
6:00 PM	1069
7:00 PM	616
8:00 PM	498
9:00 PM	335
10:00 PM	217
11:00 PM	133
Total	17300



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Bake Parkway - Muller

File Name 190
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	133			14	161				
12:15	9	132			8	142				
12:30	10	108			16	127				
12:45	6	135	37	508	8	157	46	587	83	1095
1:00	2	138			5	131				
1:15	5	116			0	132				
1:30	0	134			2	144				
1:45	5	117	12	505	5	154	12	561	24	1066
2:00	4	135			3	129				
2:15	2	121			1	114				
2:30	2	130			3	171				
2:45	5	127	13	513	0	153	7	567	20	1080
3:00	3	126			1	156				
3:15	4	152			2	136				
3:30	4	129			3	201				
3:45	8	160	19	567	8	151	14	644	33	1211
4:00	7	143			6	186				
4:15	7	173			4	153				
4:30	14	162			23	183				
4:45	23	174	51	652	10	190	43	712	94	1364
5:00	20	215			11	234				
5:15	32	207			23	217				
5:30	64	191			27	198				
5:45	55	168	171	781	38	149	99	798	270	1579
6:00	49	164			40	157				
6:15	54	128			41	122				
6:30	68	117			49	121				
6:45	100	109	271	518	63	78	193	478	464	996
7:00	103	74			80	119				
7:15	123	91			114	73				
7:30	164	80			120	65				
7:45	217	63	607	308	129	69	443	326	1050	634
8:00	194	66			152	67				
8:15	213	59			141	54				
8:30	196	65			147	47				
8:45	191	53	794	243	167	69	607	237	1401	480
9:00	148	50			126	51				
9:15	122	59			143	51				
9:30	117	32			109	35				
9:45	132	42	519	183	125	39	503	176	1022	359
10:00	118	27			110	50				
10:15	90	25			121	27				
10:30	108	25			123	17				
10:45	127	23	443	100	122	22	476	116	919	216
11:00	97	17			101	18				
11:15	100	22			136	16				
11:30	107	14			127	17				
11:45	149	10	453	63	141	14	505	65	958	128
Totals	3390	4941			2948	5267				
Combined Totals		8331				8215				
ADT										16546
AM Peak Hour	745	AM			800	AM				
Volume	820				607					
P.H.F.	0.945				0.909					
PM Peak Hour		445	PM			445	PM			
Volume		787				839				
P.H.F.		0.915				0.896				
Percentage	40.7%	59.3%			35.9%	64.1%				

Counts Unlimited, Inc.
PO Box 1178
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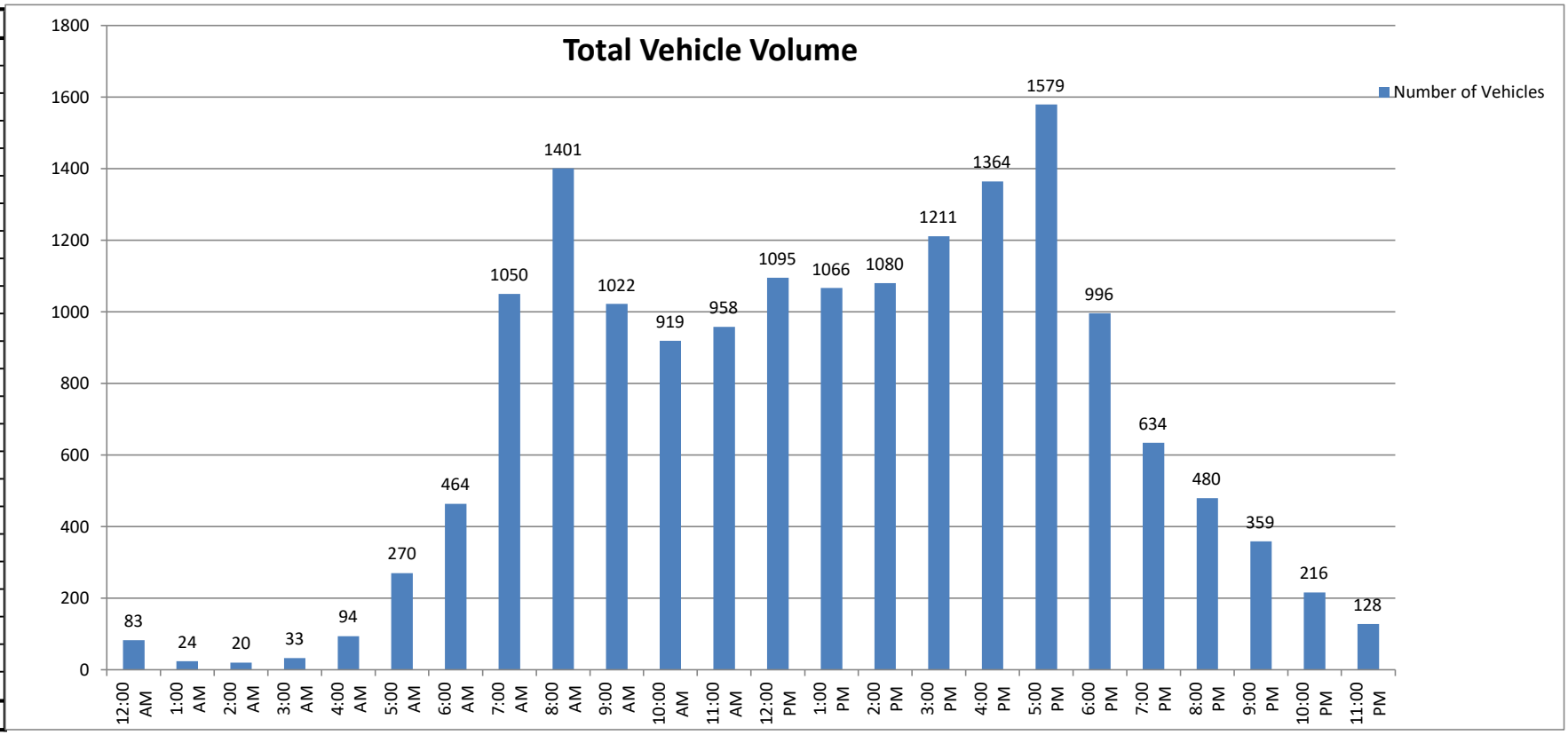
24 Hour Volume Plot

Irvine Center Drive
B/ Bake Parkway - Muller

5/2/2024

Start Time	5/2/2024
12:00 AM	83
1:00 AM	24
2:00 AM	20
3:00 AM	33
4:00 AM	94
5:00 AM	270
6:00 AM	464
7:00 AM	1050
8:00 AM	1401
9:00 AM	1022
10:00 AM	919
11:00 AM	958
12:00 PM	1095
1:00 PM	1066
2:00 PM	1080
3:00 PM	1211
4:00 PM	1364
5:00 PM	1579
6:00 PM	996
7:00 PM	634
8:00 PM	480
9:00 PM	359
10:00 PM	216
11:00 PM	128
Total	16546



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Bake Parkway - Muller

File Name 190
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	119			10	154				
12:15	7	129			10	134				
12:30	9	117			16	149				
12:45	10	151	39	516	9	157	44	593	83	1108
1:00	4	131			4	144				
1:15	5	136			4	135				
1:30	3	137			2	150				
1:45	5	133	16	536	4	147	13	575	29	1111
2:00	4	143			4	129				
2:15	3	118			2	139				
2:30	2	143			5	174				
2:45	5	136	13	539	1	144	12	586	25	1124
3:00	5	133			2	142				
3:15	3	153			4	128				
3:30	5	123			4	196				
3:45	6	167	19	575	8	154	18	619	36	1194
4:00	6	158			10	179				
4:15	8	180			7	158				
4:30	12	185			18	192				
4:45	26	192	51	715	11	181	45	709	95	1423
5:00	20	209			13	248				
5:15	32	209			25	216				
5:30	61	199			29	212				
5:45	58	173	171	789	37	142	103	817	273	1606
6:00	55	162			39	160				
6:15	51	131			49	118				
6:30	64	115			48	139				
6:45	103	110	272	517	72	99	208	516	480	1033
7:00	100	76			81	106				
7:15	126	93			125	75				
7:30	154	75			130	70				
7:45	207	57	586	301	130	74	465	325	1051	625
8:00	206	62			159	64				
8:15	220	62			157	59				
8:30	207	63			153	49				
8:45	200	62	832	248	174	70	643	242	1475	489
9:00	162	51			127	54				
9:15	135	50			132	44				
9:30	119	41			120	37				
9:45	142	37	558	178	132	36	511	170	1069	347
10:00	117	37			110	44				
10:15	119	27			130	24				
10:30	116	25			123	19				
10:45	113	23	464	111	117	19	479	106	943	217
11:00	106	22			107	15				
11:15	99	19			131	18				
11:30	118	14			133	18				
11:45	134	13	456	67	137	14	507	64	963	131
Totals	3473	5089			3045	5317				
Combined Totals		8562				8362				
ADT										16923
AM Peak Hour	745	AM			800	AM				
Volume	839				643					
P.H.F.	0.956				0.923					
PM Peak Hour		445	PM			445	PM			
Volume		808				856				
P.H.F.		0.967				0.863				
Percentage	40.6%	59.4%			36.4%	63.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Enterprise - Interstate 405 Southbound

File Name 186
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	43	425			23	275				
12:15	21	418			27	243				
12:30	39	429			23	218				
12:45	22	481	125	1753	18	248	91	984	216	2737
1:00	14	450			17	246				
1:15	26	434			18	237				
1:30	15	447			5	239				
1:45	14	416	69	1747	5	241	45	963	114	2710
2:00	13	385			5	233				
2:15	13	394			11	218				
2:30	7	454			4	225				
2:45	9	403	42	1636	2	220	22	896	64	2532
3:00	12	376			6	218				
3:15	20	348			4	233				
3:30	17	448			2	220				
3:45	22	407	71	1579	6	223	18	894	89	2473
4:00	27	435			9	279				
4:15	27	399			2	292				
4:30	43	418			10	320				
4:45	54	441	151	1693	25	296	46	1187	197	2880
5:00	57	521			15	384				
5:15	70	515			26	383				
5:30	104	505			44	371				
5:45	152	436	383	1977	36	283	121	1421	504	3398
6:00	122	426			39	295				
6:15	148	447			51	245				
6:30	187	433			47	240				
6:45	263	425	720	1731	66	225	203	1005	923	2736
7:00	250	369			81	202				
7:15	363	321			87	192				
7:30	395	293			111	191				
7:45	447	279	1455	1262	119	149	398	734	1853	1996
8:00	491	252			147	162				
8:15	454	241			139	172				
8:30	428	202			142	129				
8:45	462	222	1835	917	152	158	580	621	2415	1538
9:00	377	184			143	159				
9:15	441	177			146	120				
9:30	373	140			112	141				
9:45	363	116	1554	617	136	91	537	511	2091	1128
10:00	346	102			131	91				
10:15	355	105			144	55				
10:30	362	88			140	45				
10:45	316	72	1379	367	144	35	559	226	1938	593
11:00	350	71			186	37				
11:15	376	48			182	31				
11:30	369	39			211	34				
11:45	381	35	1476	193	256	27	835	129	2311	322
Totals	9260	15472			3455	9571				
Combined Totals		24732				13026				
ADT										37758
AM Peak Hour	800	AM			1100	AM				
Volume	1835				835					
P.H.F.	0.934				0.815					
PM Peak Hour		445	PM			445	PM			
Volume		1982				1434				
P.H.F.		0.951				0.934				
Percentage	37.4%	62.6%			26.5%	73.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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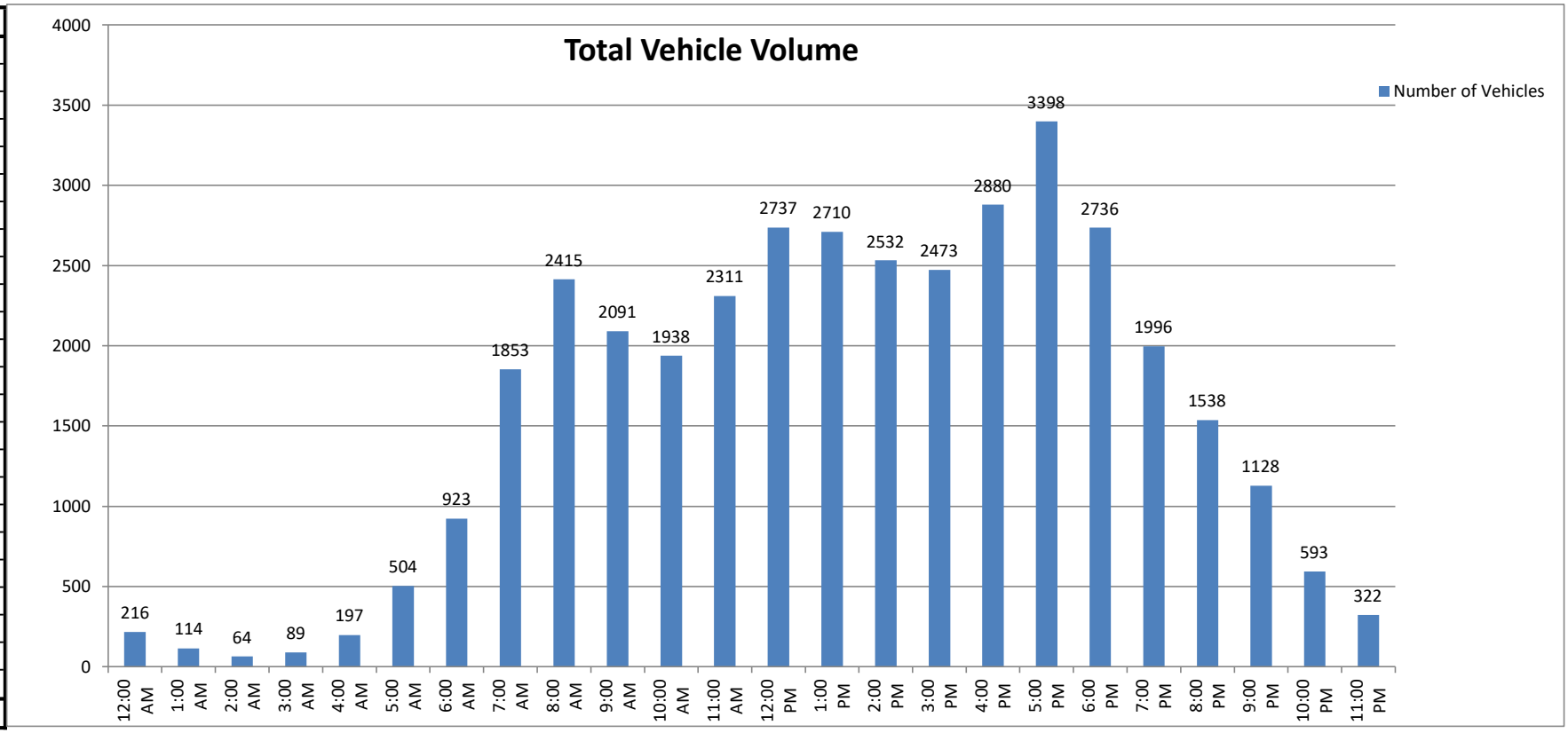
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Enterprise - Interstate 405 Southbound
5/1/2024

Start Time	5/1/2024
12:00 AM	216
1:00 AM	114
2:00 AM	64
3:00 AM	89
4:00 AM	197
5:00 AM	504
6:00 AM	923
7:00 AM	1853
8:00 AM	2415
9:00 AM	2091
10:00 AM	1938
11:00 AM	2311
12:00 PM	2737
1:00 PM	2710
2:00 PM	2532
3:00 PM	2473
4:00 PM	2880
5:00 PM	3398
6:00 PM	2736
7:00 PM	1996
8:00 PM	1538
9:00 PM	1128
10:00 PM	593
11:00 PM	322
Total	37758



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Enterprise - Interstate 405 Southbound

File Name 186
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	389			23	247				
12:15	29	421			18	254				
12:30	39	425			16	235				
12:45	17	499	118	1734	13	229	70	965	188	2699
1:00	14	428			10	242				
1:15	10	448			8	217				
1:30	12	474			3	221				
1:45	14	436	50	1786	10	212	31	892	81	2678
2:00	12	373			7	220				
2:15	10	380			3	216				
2:30	7	449			6	191				
2:45	9	408	38	1610	9	242	25	869	63	2479
3:00	10	395			6	219				
3:15	9	399			5	242				
3:30	10	441			1	221				
3:45	28	407	57	1642	9	241	21	923	78	2565
4:00	17	459			8	261				
4:15	26	434			3	289				
4:30	38	483			10	267				
4:45	56	482	137	1858	17	289	38	1106	175	2964
5:00	65	539			20	359				
5:15	67	500			32	367				
5:30	113	482			32	327				
5:45	137	432	382	1953	43	299	127	1352	509	3305
6:00	126	467			34	308				
6:15	120	433			43	284				
6:30	182	391			51	217				
6:45	238	376	666	1667	67	235	195	1044	861	2711
7:00	268	337			77	187				
7:15	324	348			93	195				
7:30	369	306			106	184				
7:45	452	264	1413	1255	124	161	400	727	1813	1982
8:00	417	250			126	182				
8:15	400	271			136	154				
8:30	453	207			159	154				
8:45	463	215	1733	943	154	154	575	644	2308	1587
9:00	364	174			128	140				
9:15	421	164			131	108				
9:30	401	124			145	103				
9:45	373	126	1559	588	123	97	527	448	2086	1036
10:00	334	142			122	77				
10:15	342	108			134	53				
10:30	372	94			132	56				
10:45	351	76	1399	420	138	44	526	230	1925	650
11:00	361	71			154	35				
11:15	388	58			187	25				
11:30	343	45			228	27				
11:45	423	30	1515	204	249	25	818	112	2333	316
Totals	9067	15660			3353	9312				
Combined Totals		24727				12665				
ADT										37392
AM Peak Hour	800	AM			1100	AM				
Volume	1733				818					
P.H.F.	0.936				0.821					
PM Peak Hour		430	PM			500	PM			
Volume		2004				1352				
P.H.F.		0.929				0.921				
Percentage	36.7%	63.3%			26.5%	73.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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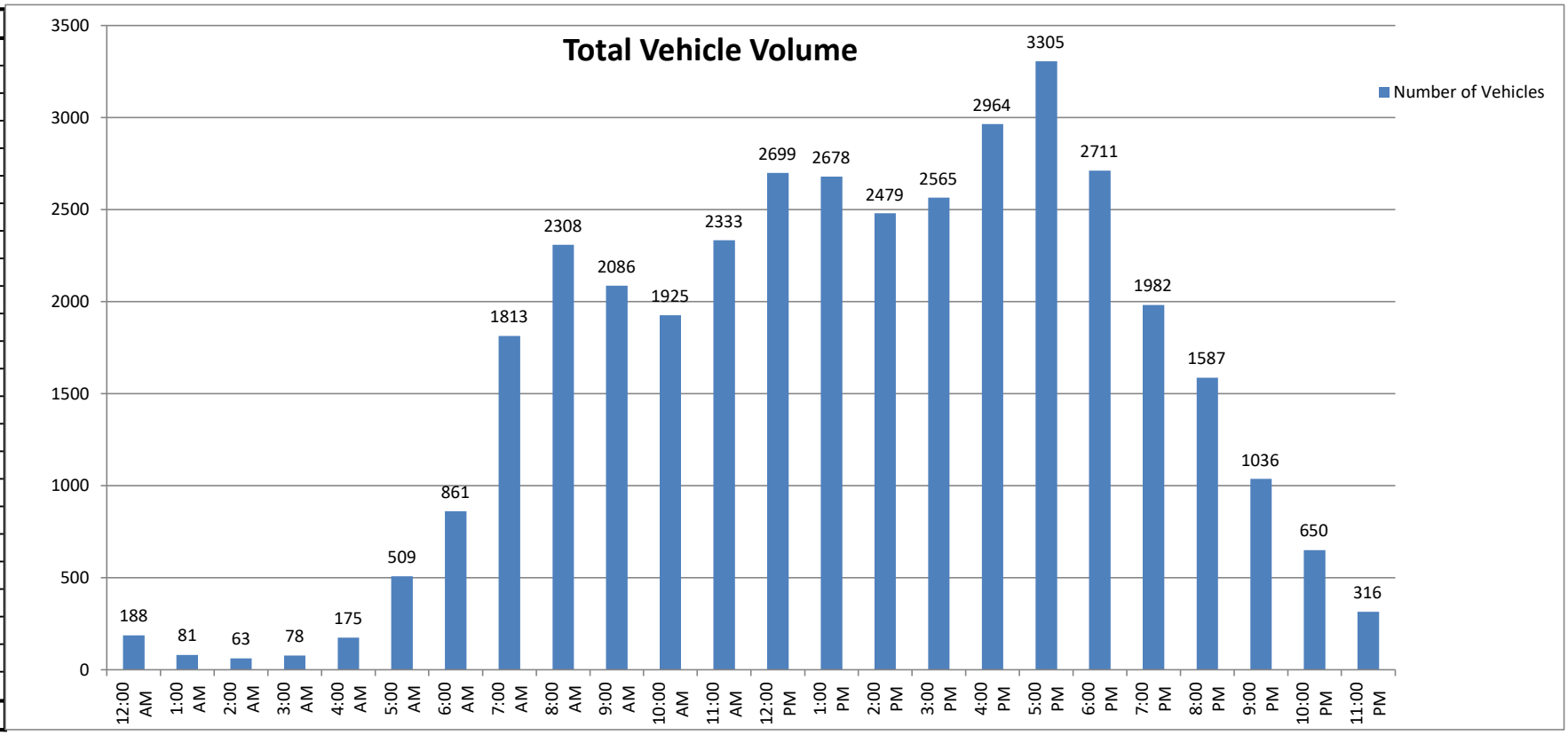
24 Hour Volume Plot

Irvine Center Drive
B/ Enterprise - Interstate 405 Southbound

5/2/2024

Start Time	5/2/2024
12:00 AM	188
1:00 AM	81
2:00 AM	63
3:00 AM	78
4:00 AM	175
5:00 AM	509
6:00 AM	861
7:00 AM	1813
8:00 AM	2308
9:00 AM	2086
10:00 AM	1925
11:00 AM	2333
12:00 PM	2699
1:00 PM	2678
2:00 PM	2479
3:00 PM	2565
4:00 PM	2964
5:00 PM	3305
6:00 PM	2711
7:00 PM	1982
8:00 PM	1587
9:00 PM	1036
10:00 PM	650
11:00 PM	316
Total	37392



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Enterprise - Interstate 405 Southbound

File Name 186
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	38	407			23	261				
12:15	25	420			23	249				
12:30	39	427			20	227				
12:45	20	490	122	1744	16	239	81	975	202	2718
1:00	14	439			14	244				
1:15	18	441			13	227				
1:30	14	461			4	230				
1:45	14	426	60	1767	8	227	38	928	98	2694
2:00	13	379			6	227				
2:15	12	387			7	217				
2:30	7	452			5	208				
2:45	9	406	40	1623	6	231	24	883	64	2506
3:00	11	386			6	219				
3:15	15	374			5	238				
3:30	14	445			2	221				
3:45	25	407	64	1611	8	232	20	909	84	2519
4:00	22	447			9	270				
4:15	27	417			3	291				
4:30	41	451			10	294				
4:45	55	462	144	1776	21	293	42	1147	186	2922
5:00	61	530			18	372				
5:15	69	508			29	375				
5:30	109	494			38	349				
5:45	145	434	383	1965	40	291	124	1387	507	3352
6:00	124	447			37	302				
6:15	134	440			47	265				
6:30	185	412			49	229				
6:45	251	401	693	1699	67	230	199	1025	892	2724
7:00	259	353			79	195				
7:15	344	335			90	194				
7:30	382	300			109	188				
7:45	450	272	1434	1259	122	155	399	731	1833	1989
8:00	454	251			137	172				
8:15	427	256			138	163				
8:30	441	205			151	142				
8:45	463	219	1784	930	153	156	578	633	2362	1563
9:00	371	179			136	150				
9:15	431	171			139	114				
9:30	387	132			129	122				
9:45	368	121	1557	603	130	94	532	480	2089	1082
10:00	340	122			127	84				
10:15	349	107			139	54				
10:30	367	91			136	51				
10:45	334	74	1389	394	141	40	543	228	1932	622
11:00	356	71			170	36				
11:15	382	53			185	28				
11:30	356	42			220	31				
11:45	402	33	1496	199	253	26	827	121	2322	319
Totals	9164	15566			3404	9442				
Combined Totals		24730				12846				
ADT										37575
AM Peak Hour	800	AM			1100	AM				
Volume	1784				827					
P.H.F.	0.964				0.818					
PM Peak Hour		445	PM			445	PM			
Volume		1993				1388				
P.H.F.		0.940				0.925				
Percentage	37.1%	62.9%			26.5%	73.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Hubble - Bake Parkway

File Name 189
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	132			16	120				
12:15	12	132			4	144				
12:30	17	155			9	138				
12:45	10	143	45	562	11	165	40	567	85	1129
1:00	1	148			6	121				
1:15	7	140			6	166				
1:30	2	136			4	151				
1:45	3	140	13	564	4	154	20	592	33	1156
2:00	3	123			4	161				
2:15	4	153			4	115				
2:30	8	172			4	169				
2:45	1	128	16	576	4	153	16	598	32	1174
3:00	2	126			6	151				
3:15	3	126			2	164				
3:30	4	168			5	130				
3:45	8	146	17	566	3	162	16	607	33	1173
4:00	11	166			4	182				
4:15	7	149			10	194				
4:30	13	181			9	208				
4:45	12	160	43	656	30	215	53	799	96	1455
5:00	16	226			18	205				
5:15	21	210			29	226				
5:30	22	191			53	225				
5:45	31	137	90	764	67	179	167	835	257	1599
6:00	26	157			66	166				
6:15	42	120			74	142				
6:30	39	145			70	124				
6:45	59	115	166	537	109	122	319	554	485	1091
7:00	69	87			91	77				
7:15	117	79			128	104				
7:30	121	75			139	88				
7:45	124	77	431	318	195	54	553	323	984	641
8:00	149	63			221	60				
8:15	152	60			219	67				
8:30	157	52			218	55				
8:45	174	59	632	234	191	81	849	263	1481	497
9:00	125	55			176	59				
9:15	114	43			156	48				
9:30	120	32			135	50				
9:45	121	33	480	163	148	34	615	191	1095	354
10:00	104	32			108	48				
10:15	138	23			141	29				
10:30	116	21			118	23				
10:45	112	23	470	99	100	24	467	124	937	223
11:00	109	15			127	25				
11:15	127	16			100	14				
11:30	128	14			133	16				
11:45	128	12	492	57	130	15	490	70	982	127
Totals	2895	5096			3605	5523				
Combined Totals		7991				9128				
ADT										17119
AM Peak Hour	800	AM			745	AM				
Volume	632				853					
P.H.F.	0.908				0.965					
PM Peak Hour		445	PM			445	PM			
Volume		787				871				
P.H.F.		0.871				0.963				
Percentage	36.2%	63.8%			39.5%	60.5%				

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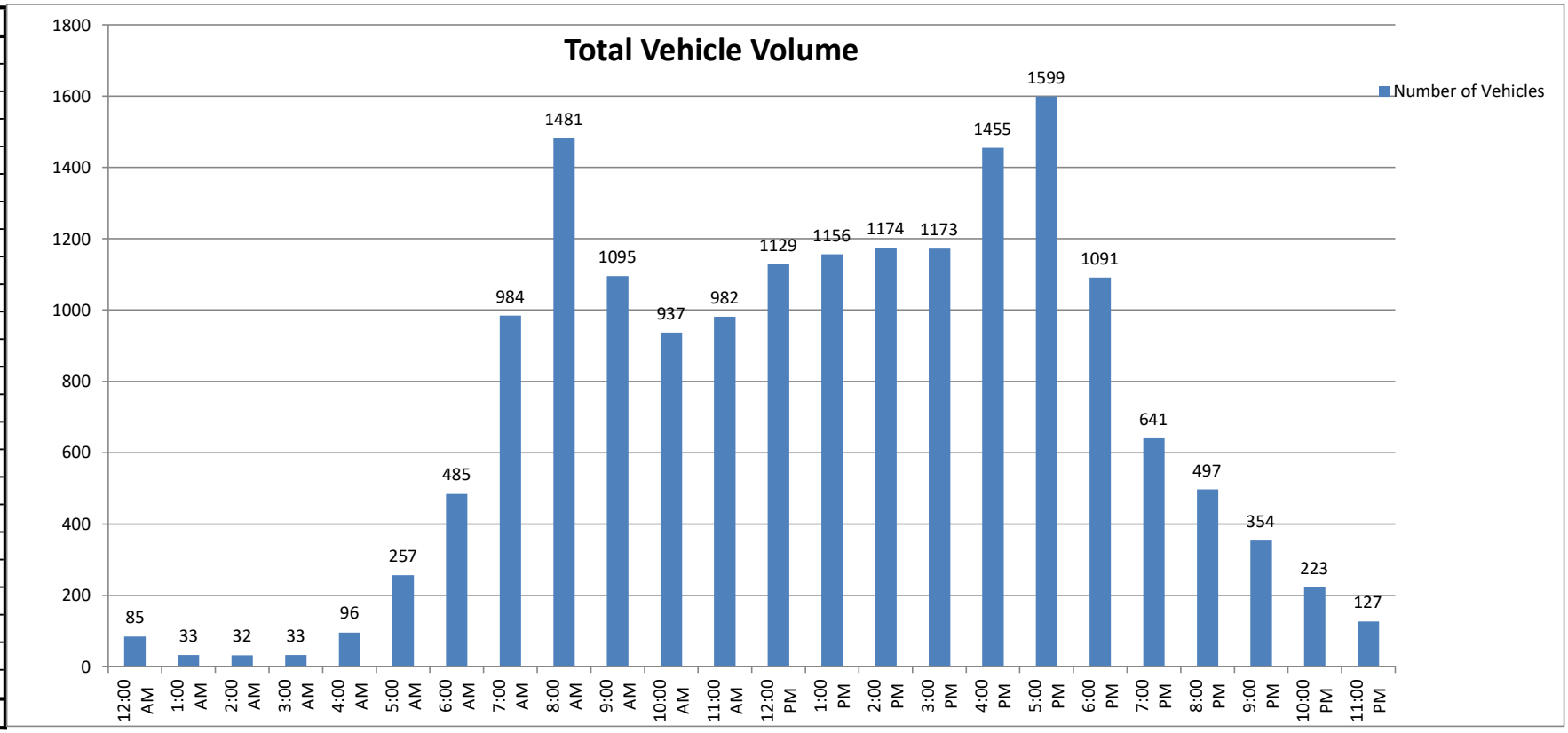
24 Hour Volume Plot

Irvine Center Drive
B/ Hubble - Bake Parkway

5/1/2024

Start Time	5/1/2024
12:00 AM	85
1:00 AM	33
2:00 AM	32
3:00 AM	33
4:00 AM	96
5:00 AM	257
6:00 AM	485
7:00 AM	984
8:00 AM	1481
9:00 AM	1095
10:00 AM	937
11:00 AM	982
12:00 PM	1129
1:00 PM	1156
2:00 PM	1174
3:00 PM	1173
4:00 PM	1455
5:00 PM	1599
6:00 PM	1091
7:00 PM	641
8:00 PM	497
9:00 PM	354
10:00 PM	223
11:00 PM	127
Total	17119



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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Hubble - Bake Parkway

File Name 189
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	153			11	125				
12:15	8	139			10	141				
12:30	14	126			10	124				
12:45	9	138	46	556	7	153	38	543	84	1099
1:00	3	137			2	131				
1:15	0	124			6	135				
1:30	2	129			0	140				
1:45	5	148	10	538	6	132	14	538	24	1076
2:00	4	128			4	129				
2:15	1	120			1	125				
2:30	5	148			4	129				
2:45	0	149	10	545	4	135	13	518	23	1063
3:00	1	155			3	122				
3:15	2	132			3	161				
3:30	3	187			3	127				
3:45	8	136	14	610	6	166	15	576	29	1186
4:00	5	172			7	144				
4:15	6	157			6	177				
4:30	16	172			14	156				
4:45	8	185	35	686	25	175	52	652	87	1338
5:00	11	201			20	220				
5:15	19	192			29	208				
5:30	26	189			57	204				
5:45	28	150	84	732	48	179	154	811	238	1543
6:00	35	155			52	167				
6:15	39	137			68	142				
6:30	38	123			89	122				
6:45	53	93	165	508	116	124	325	555	490	1063
7:00	69	109			103	79				
7:15	107	85			121	115				
7:30	95	76			159	98				
7:45	118	61	389	331	214	73	597	365	986	696
8:00	111	73			196	74				
8:15	129	65			213	64				
8:30	144	47			195	80				
8:45	179	61	563	246	192	64	796	282	1359	528
9:00	124	38			127	54				
9:15	123	46			118	63				
9:30	107	36			125	43				
9:45	117	43	471	163	132	46	502	206	973	369
10:00	108	44			127	30				
10:15	114	26			93	27				
10:30	128	17			115	23				
10:45	109	17	459	104	116	26	451	106	910	210
11:00	109	22			109	18				
11:15	122	17			107	21				
11:30	110	18			118	17				
11:45	129	14	470	71	156	11	490	67	960	138
Totals	2716	5090			3447	5219				
Combined Totals		7806				8666				
ADT										16472
AM Peak Hour	815	AM			745	AM				
Volume	576				818					
P.H.F.	0.804				0.956					
PM Peak Hour		445	PM			500	PM			
Volume		767				811				
P.H.F.		0.954				0.922				
Percentage	34.8%	65.2%			39.8%	60.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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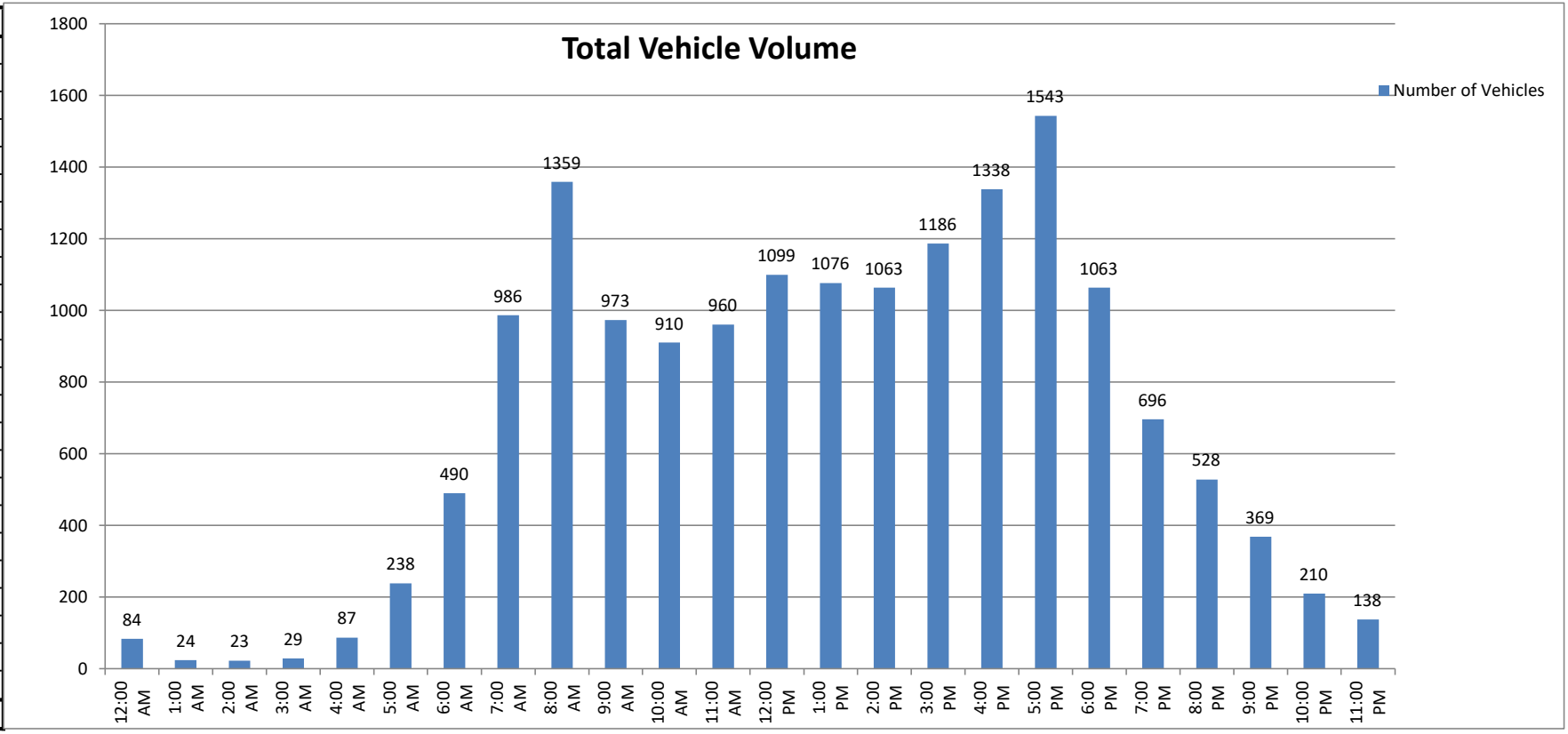
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Hubble - Bake Parkway

5/2/2024

Start Time	5/2/2024
12:00 AM	84
1:00 AM	24
2:00 AM	23
3:00 AM	29
4:00 AM	87
5:00 AM	238
6:00 AM	490
7:00 AM	986
8:00 AM	1359
9:00 AM	973
10:00 AM	910
11:00 AM	960
12:00 PM	1099
1:00 PM	1076
2:00 PM	1063
3:00 PM	1186
4:00 PM	1338
5:00 PM	1543
6:00 PM	1063
7:00 PM	696
8:00 PM	528
9:00 PM	369
10:00 PM	210
11:00 PM	138
Total	16472



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Hubble - Bake Parkway

File Name 189
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	143			14	123				
12:15	10	136			7	143				
12:30	16	141			10	131				
12:45	10	141	46	559	9	159	39	555	85	1114
1:00	2	143			4	126				
1:15	4	132			6	151				
1:30	2	133			2	146				
1:45	4	144	12	551	5	143	17	565	29	1116
2:00	4	126			4	145				
2:15	3	137			3	120				
2:30	7	160			4	149				
2:45	1	139	13	561	4	144	15	558	28	1119
3:00	2	141			5	137				
3:15	3	129			3	163				
3:30	4	178			4	129				
3:45	8	141	16	588	5	164	16	592	31	1180
4:00	8	169			6	163				
4:15	7	153			8	186				
4:30	15	177			12	182				
4:45	10	173	39	671	28	195	53	726	92	1397
5:00	14	214			19	213				
5:15	20	201			29	217				
5:30	24	190			55	215				
5:45	30	144	87	748	58	179	161	823	248	1571
6:00	31	156			59	167				
6:15	41	129			71	142				
6:30	39	134			80	123				
6:45	56	104	166	523	113	123	322	555	488	1077
7:00	69	98			97	78				
7:15	112	82			125	110				
7:30	108	76			149	93				
7:45	121	69	410	325	205	64	575	344	985	669
8:00	130	68			209	67				
8:15	141	63			216	66				
8:30	151	50			207	68				
8:45	177	60	598	240	192	73	823	273	1420	513
9:00	125	47			152	57				
9:15	119	45			137	56				
9:30	114	34			130	47				
9:45	119	38	476	163	140	40	559	199	1034	362
10:00	106	38			118	39				
10:15	126	25			117	28				
10:30	122	19			117	23				
10:45	111	20	465	102	108	25	459	115	924	217
11:00	109	19			118	22				
11:15	125	17			104	18				
11:30	119	16			126	17				
11:45	129	13	481	64	143	13	490	69	971	133
Totals	2806	5093			3526	5371				
Combined Totals		7899				8897				
ADT										16796
AM Peak Hour	800	AM			745	AM				
Volume	598				836					
P.H.F.	0.846				0.967					
PM Peak Hour		445	PM			445	PM			
Volume		777				839				
P.H.F.		0.910				0.967				
Percentage	35.5%	64.5%			39.6%	60.4%				

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City of Irvine
Irvine Center Drive
B/ Interstate 405 Southbound - Research Drive

File Name 187
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	321			37	333				
12:15	15	302			29	342				
12:30	27	357			28	291				
12:45	18	376	90	1356	22	296	116	1262	206	2618
1:00	8	349			16	293				
1:15	22	328			19	351				
1:30	9	337			10	302				
1:45	13	307	52	1321	18	334	63	1280	115	2601
2:00	10	301			10	274				
2:15	15	315			14	274				
2:30	9	406			7	327				
2:45	5	288	39	1310	4	271	35	1146	74	2456
3:00	9	288			4	298				
3:15	15	300			9	302				
3:30	6	282			9	296				
3:45	11	334	41	1204	9	298	31	1194	72	2398
4:00	14	368			10	339				
4:15	18	318			13	355				
4:30	18	367			28	390				
4:45	32	339	82	1392	51	414	102	1498	184	2890
5:00	30	416			42	427				
5:15	43	369			53	431				
5:30	49	401			85	442				
5:45	78	308	200	1494	112	330	292	1630	492	3124
6:00	71	325			106	367				
6:15	89	320			121	353				
6:30	136	317			114	298				
6:45	162	297	458	1259	171	269	512	1287	970	2546
7:00	174	256			171	238				
7:15	254	230			241	284				
7:30	294	228			197	239				
7:45	311	206	1033	920	295	190	904	951	1937	1871
8:00	342	194			330	169				
8:15	375	175			327	194				
8:30	296	146			360	163				
8:45	297	176	1310	691	364	189	1381	715	2691	1406
9:00	235	135			300	157				
9:15	273	149			273	156				
9:30	242	115			224	151				
9:45	238	84	988	483	254	104	1051	568	2039	1051
10:00	257	91			192	105				
10:15	244	83			253	93				
10:30	288	77			205	65				
10:45	248	71	1037	322	239	65	889	328	1926	650
11:00	244	64			216	49				
11:15	262	34			217	44				
11:30	254	32			296	30				
11:45	285	28	1045	158	323	36	1052	159	2097	317
Totals	6375	11910			6428	12018				
Combined Totals		18285				18446				
ADT										36731
AM Peak Hour	745	AM			800	AM				
Volume	1324				1381					
P.H.F.	0.883				0.948					
PM Peak Hour		445	PM			445	PM			
Volume		1525				1714				
P.H.F.		0.916				0.969				
Percentage	34.9%	65.1%			34.8%	65.2%				

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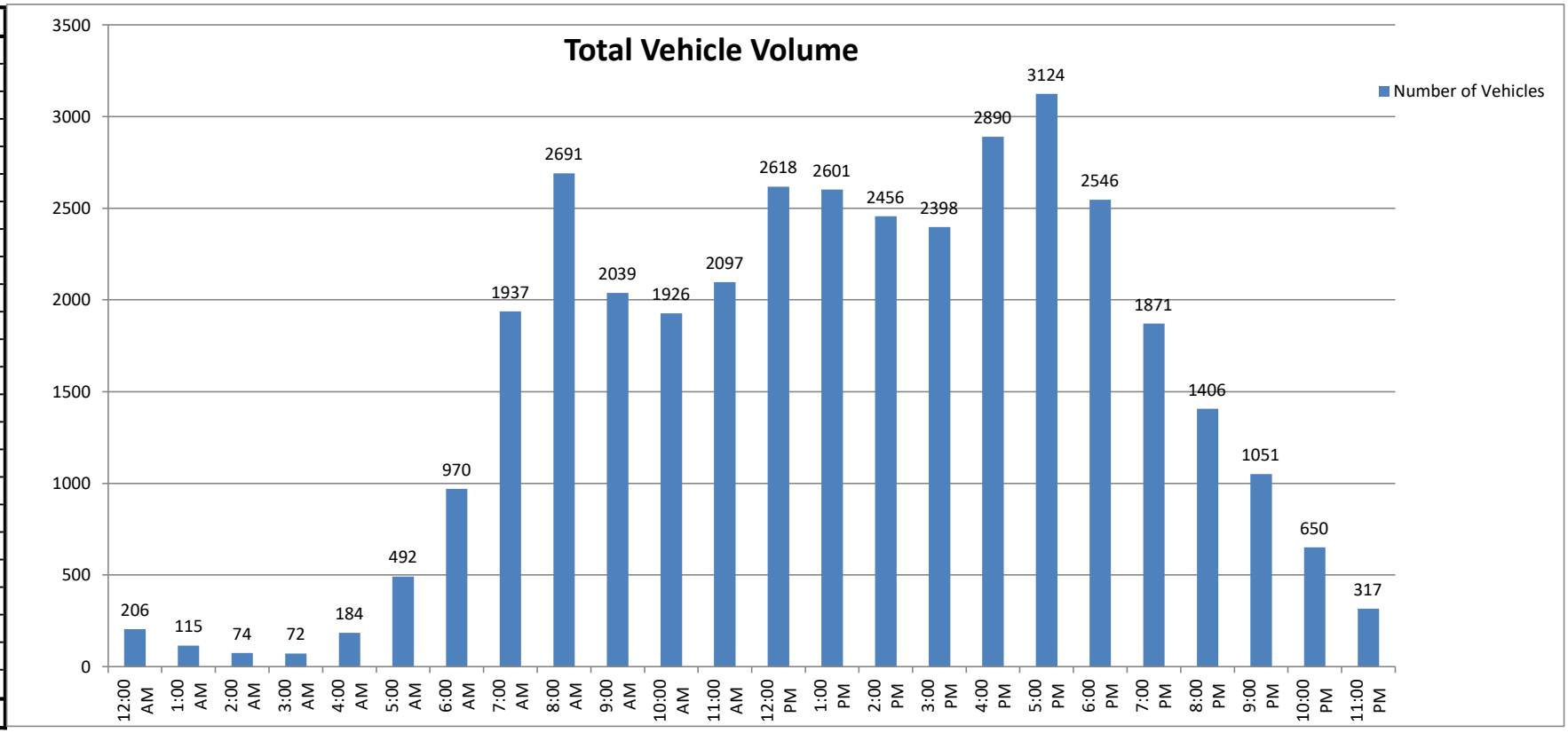
24 Hour Volume Plot

Irvine Center Drive
B/ Interstate 405 Southbound - Research Drive

5/1/2024

Start Time	5/1/2024
12:00 AM	206
1:00 AM	115
2:00 AM	74
3:00 AM	72
4:00 AM	184
5:00 AM	492
6:00 AM	970
7:00 AM	1937
8:00 AM	2691
9:00 AM	2039
10:00 AM	1926
11:00 AM	2097
12:00 PM	2618
1:00 PM	2601
2:00 PM	2456
3:00 PM	2398
4:00 PM	2890
5:00 PM	3124
6:00 PM	2546
7:00 PM	1871
8:00 PM	1406
9:00 PM	1051
10:00 PM	650
11:00 PM	317
Total	36731



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Interstate 405 Southbound - Research Drive

File Name 187
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	310			19	311				
12:15	19	300			28	273				
12:30	24	295			28	289				
12:45	12	372	77	1277	18	326	93	1199	170	2476
1:00	11	320			14	267				
1:15	7	320			13	309				
1:30	10	343			8	257				
1:45	13	382	41	1365	12	264	47	1097	88	2462
2:00	8	315			11	225				
2:15	4	262			10	281				
2:30	7	352			8	286				
2:45	5	316	24	1245	7	264	36	1056	60	2301
3:00	6	307			6	268				
3:15	7	301			5	291				
3:30	2	329			6	258				
3:45	12	292	27	1229	11	330	28	1147	55	2376
4:00	6	368			12	302				
4:15	14	345			11	347				
4:30	20	349			26	309				
4:45	30	348	70	1410	42	369	91	1327	161	2737
5:00	30	454			49	359				
5:15	36	374			54	350				
5:30	62	384			72	364				
5:45	67	325	195	1537	92	339	267	1412	462	2949
6:00	64	345			89	365				
6:15	70	321			103	361				
6:30	118	304			138	281				
6:45	147	289	399	1259	176	281	506	1288	905	2547
7:00	173	260			159	267				
7:15	213	266			195	267				
7:30	261	230			242	237				
7:45	290	188	937	944	324	246	920	1017	1857	1961
8:00	274	162			303	204				
8:15	261	181			344	211				
8:30	309	161			360	221				
8:45	303	153	1147	657	349	183	1356	819	2503	1476
9:00	244	127			238	174				
9:15	281	126			250	138				
9:30	266	118			200	127				
9:45	250	108	1041	479	222	124	910	563	1951	1042
10:00	239	101			220	91				
10:15	244	91			178	82				
10:30	258	83			208	75				
10:45	245	57	986	332	209	64	815	312	1801	644
11:00	254	73			217	67				
11:15	270	34			221	45				
11:30	264	40			317	45				
11:45	305	23	1093	170	295	34	1050	191	2143	361
Totals	6037	11904			6119	11428				
Combined Totals		17941				17547				
ADT										35488
AM Peak Hour	800	AM			800	AM				
Volume	1147				1356					
P.H.F.	0.928				0.942					
PM Peak Hour		445	PM			445	PM			
Volume		1560				1442				
P.H.F.		0.859				0.977				
Percentage	33.6%	66.4%			34.9%	65.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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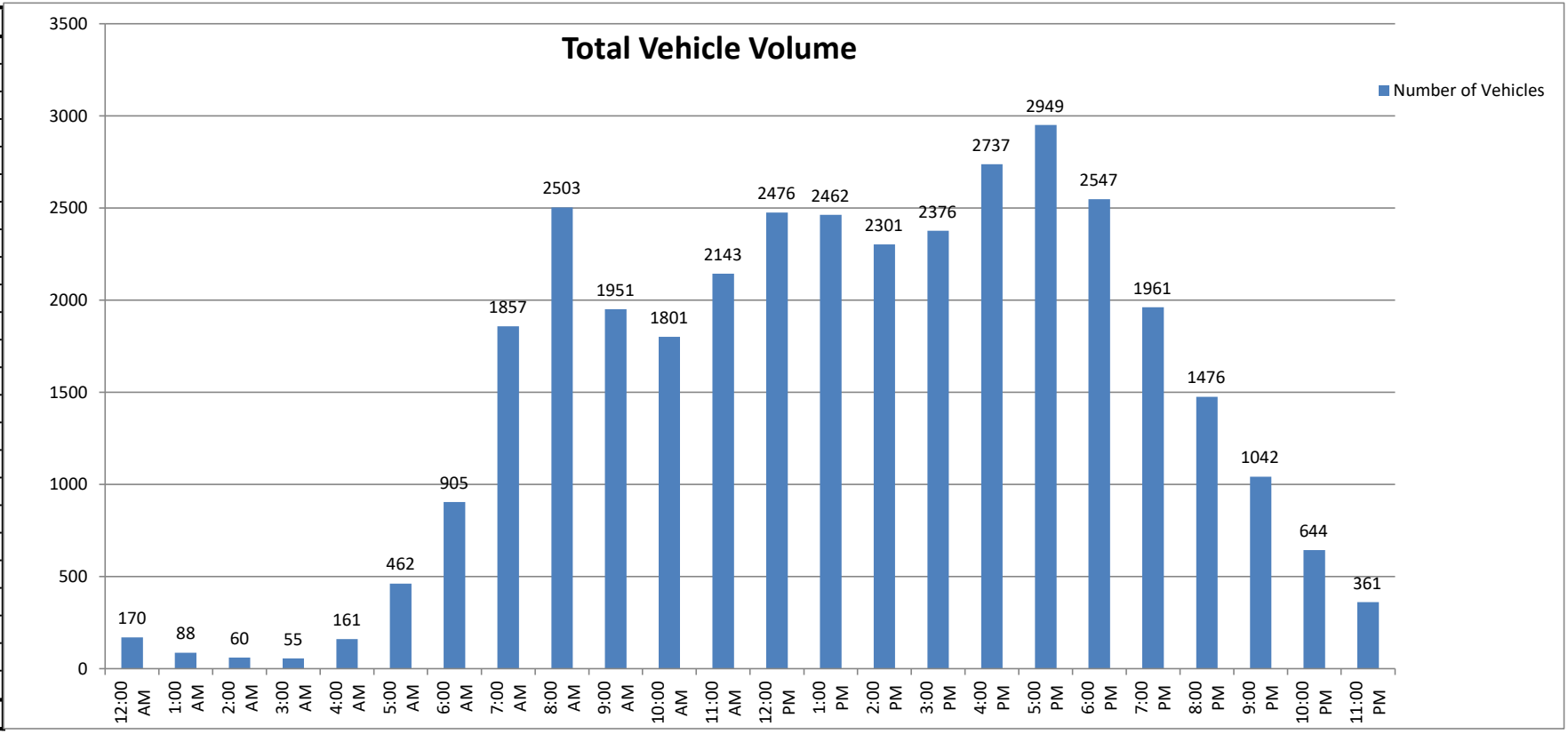
24 Hour Volume Plot

Irvine Center Drive
B/ Interstate 405 Southbound - Research Drive

5/2/2024

Start Time	5/2/2024
12:00 AM	170
1:00 AM	88
2:00 AM	60
3:00 AM	55
4:00 AM	161
5:00 AM	462
6:00 AM	905
7:00 AM	1857
8:00 AM	2503
9:00 AM	1951
10:00 AM	1801
11:00 AM	2143
12:00 PM	2476
1:00 PM	2462
2:00 PM	2301
3:00 PM	2376
4:00 PM	2737
5:00 PM	2949
6:00 PM	2547
7:00 PM	1961
8:00 PM	1476
9:00 PM	1042
10:00 PM	644
11:00 PM	361
Total	35488



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Interstate 405 Southbound - Research Drive

File Name 187
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	316			28	322				
12:15	17	301			29	308				
12:30	26	326			28	290				
12:45	15	374	84	1317	20	311	105	1231	188	2547
1:00	10	335			15	280				
1:15	15	324			16	330				
1:30	10	340			9	280				
1:45	13	345	47	1343	15	299	55	1189	102	2532
2:00	9	308			11	250				
2:15	10	289			12	278				
2:30	8	379			8	307				
2:45	5	302	32	1278	6	268	36	1101	67	2379
3:00	8	298			5	283				
3:15	11	301			7	297				
3:30	4	306			8	277				
3:45	12	313	34	1217	10	314	30	1171	64	2387
4:00	10	368			11	321				
4:15	16	332			12	351				
4:30	19	358			27	350				
4:45	31	344	76	1401	47	392	97	1413	173	2814
5:00	30	435			46	393				
5:15	40	372			54	391				
5:30	56	393			79	403				
5:45	73	317	198	1516	102	335	280	1521	477	3037
6:00	68	335			98	366				
6:15	80	321			112	357				
6:30	127	311			126	290				
6:45	155	293	429	1259	174	275	509	1288	938	2547
7:00	174	258			165	253				
7:15	234	248			218	276				
7:30	278	229			220	238				
7:45	301	197	985	932	310	218	912	984	1897	1916
8:00	308	178			317	187				
8:15	318	178			336	203				
8:30	303	154			360	192				
8:45	300	165	1229	674	357	186	1369	767	2597	1441
9:00	240	131			269	166				
9:15	277	138			262	147				
9:30	254	117			212	139				
9:45	244	96	1015	481	238	114	981	566	1995	1047
10:00	248	96			206	98				
10:15	244	87			216	88				
10:30	273	80			207	70				
10:45	247	64	1012	327	224	65	852	320	1864	647
11:00	249	69			217	58				
11:15	266	34			219	45				
11:30	259	36			307	38				
11:45	295	26	1069	164	309	35	1051	175	2120	339
Totals	6206	11907			6274	11723				
Combined Totals		18113				17997				
ADT										36110
AM Peak Hour	745	AM			800	AM				
Volume	1229				1369					
P.H.F.	0.966				0.950					
PM Peak Hour		445	PM			445	PM			
Volume		1543				1578				
P.H.F.		0.886				0.979				
Percentage	34.3%	65.7%			34.9%	65.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Muller - Tesla

File Name 191
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	123			13	109				
12:15	10	137			6	117				
12:30	17	141			8	129				
12:45	9	167	41	568	11	147	38	502	79	1070
1:00	3	136			8	114				
1:15	7	149			6	150				
1:30	3	142			7	142				
1:45	3	134	16	561	5	134	26	540	42	1101
2:00	7	127			3	136				
2:15	2	155			3	132				
2:30	7	183			2	140				
2:45	1	128	17	593	6	146	14	554	31	1147
3:00	4	119			8	129				
3:15	4	116			2	135				
3:30	7	184			3	113				
3:45	6	152	21	571	6	171	19	548	40	1119
4:00	14	173			6	176				
4:15	9	147			9	184				
4:30	15	184			8	209				
4:45	14	155	52	659	22	192	45	761	97	1420
5:00	13	205			18	230				
5:15	31	182			31	204				
5:30	27	197			58	216				
5:45	41	117	112	701	56	175	163	825	275	1526
6:00	36	145			62	160				
6:15	60	105			43	138				
6:30	45	147			57	130				
6:45	86	114	227	511	105	101	267	529	494	1040
7:00	86	85			93	90				
7:15	142	71			123	100				
7:30	145	71			124	71				
7:45	157	71	530	298	170	54	510	315	1040	613
8:00	184	52			194	53				
8:15	181	62			199	69				
8:30	162	50			197	58				
8:45	179	68	706	232	172	75	762	255	1468	487
9:00	126	54			149	49				
9:15	109	34			132	43				
9:30	138	45			105	48				
9:45	131	31	504	164	126	32	512	172	1016	336
10:00	118	38			125	47				
10:15	129	23			126	31				
10:30	121	21			133	25				
10:45	113	17	481	99	97	23	481	126	962	225
11:00	114	14			111	25				
11:15	137	17			107	14				
11:30	138	20			118	13				
11:45	134	12	523	63	128	13	464	65	987	128
Totals	3230	5020			3301	5192				
Combined Totals		8250				8493				
ADT										16743
AM Peak Hour	800	AM			800	AM				
Volume	706				762					
P.H.F.	0.959				0.957					
PM Peak Hour		445	PM			445	PM			
Volume		739				842				
P.H.F.		0.901				0.915				
Percentage	39.2%	60.8%			38.9%	61.1%				

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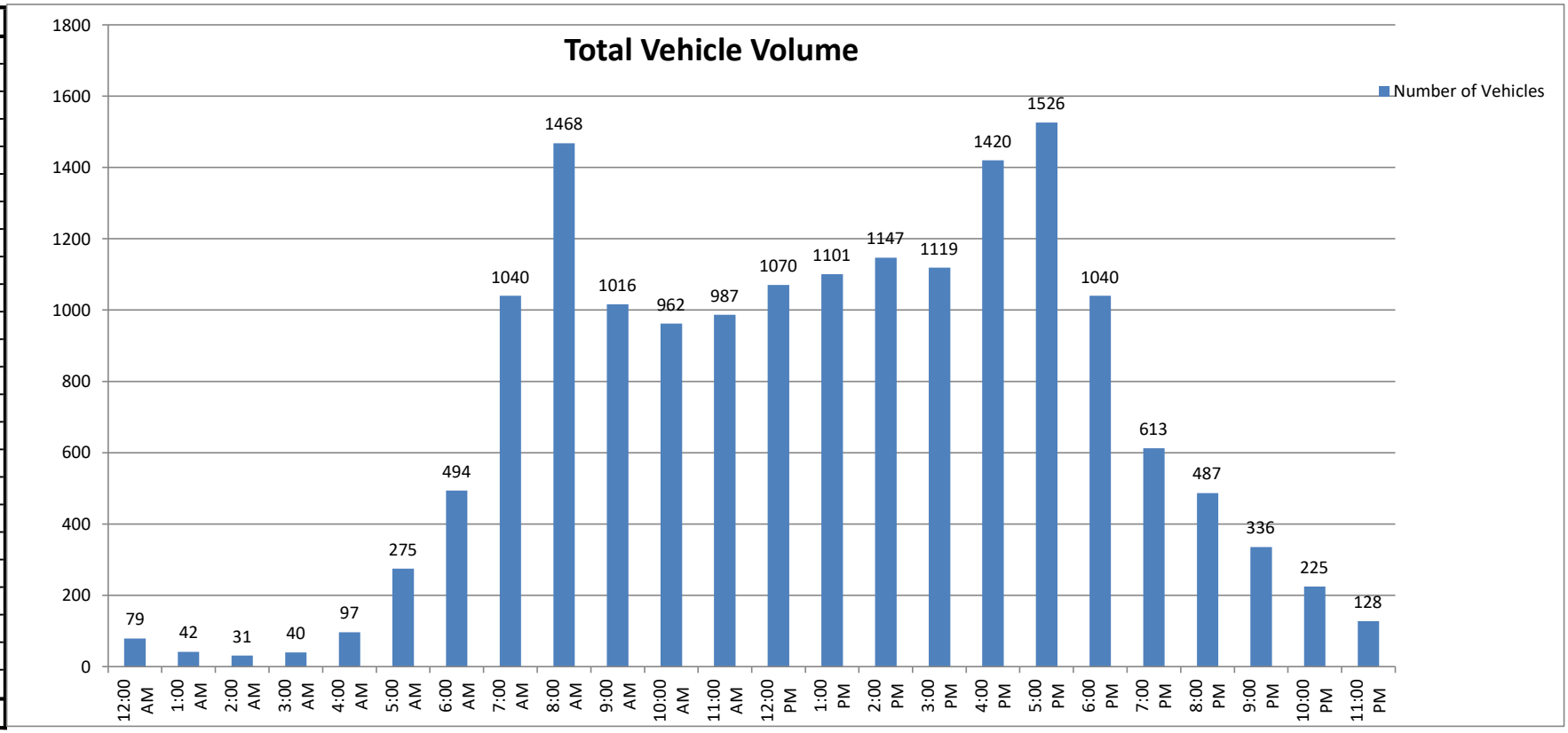
24 Hour Volume Plot

Irvine Center Drive
B/ Muller - Tesla

5/1/2024

Start Time	5/1/2024
12:00 AM	79
1:00 AM	42
2:00 AM	31
3:00 AM	40
4:00 AM	97
5:00 AM	275
6:00 AM	494
7:00 AM	1040
8:00 AM	1468
9:00 AM	1016
10:00 AM	962
11:00 AM	987
12:00 PM	1070
1:00 PM	1101
2:00 PM	1147
3:00 PM	1119
4:00 PM	1420
5:00 PM	1526
6:00 PM	1040
7:00 PM	613
8:00 PM	487
9:00 PM	336
10:00 PM	225
11:00 PM	128
Total	16743



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Muller - Tesla

File Name 191
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	145			11	131				
12:15	6	133			11	142				
12:30	13	117			11	118				
12:45	10	181	41	576	7	118	40	509	81	1085
1:00	4	137			2	143				
1:15	0	118			5	104				
1:30	1	155			4	131				
1:45	5	147	10	557	4	118	15	496	25	1053
2:00	4	128			5	137				
2:15	1	98			4	127				
2:30	3	171			2	119				
2:45	0	143	8	540	5	130	16	513	24	1053
3:00	1	157			3	117				
3:15	2	136			3	137				
3:30	3	198			4	142				
3:45	8	138	14	629	8	142	18	538	32	1167
4:00	7	174			8	148				
4:15	6	149			7	186				
4:30	22	156			9	160				
4:45	12	194	47	673	17	170	41	664	88	1337
5:00	11	174			20	230				
5:15	24	187			30	218				
5:30	33	174			59	190				
5:45	37	129	105	664	54	184	163	822	268	1486
6:00	43	150			54	167				
6:15	39	118			55	136				
6:30	59	116			69	123				
6:45	54	92	195	476	91	121	269	547	464	1023
7:00	85	97			106	63				
7:15	114	68			119	103				
7:30	127	63			146	76				
7:45	167	65	493	293	181	71	552	313	1045	606
8:00	154	65			177	58				
8:15	145	54			189	66				
8:30	144	53			169	58				
8:45	190	60	633	232	167	60	702	242	1335	474
9:00	116	51			121	55				
9:15	140	49			111	59				
9:30	104	36			109	33				
9:45	137	36	497	172	108	44	449	191	946	363
10:00	101	53			108	29				
10:15	116	26			88	24				
10:30	128	21			92	25				
10:45	117	22	462	122	122	22	410	100	872	222
11:00	111	21			99	15				
11:15	117	17			102	22				
11:30	123	17			105	14				
11:45	137	14	488	69	151	10	457	61	945	130
Totals	2993	5003			3132	4996				
Combined Totals		7996				8128				
ADT										16124
AM Peak Hour	800	AM			745	AM				
Volume	633				716					
P.H.F.	0.833				0.947					
PM Peak Hour		445	PM			500	PM			
Volume		729				822				
P.H.F.		0.939				0.893				
Percentage	37.4%	62.6%			38.5%	61.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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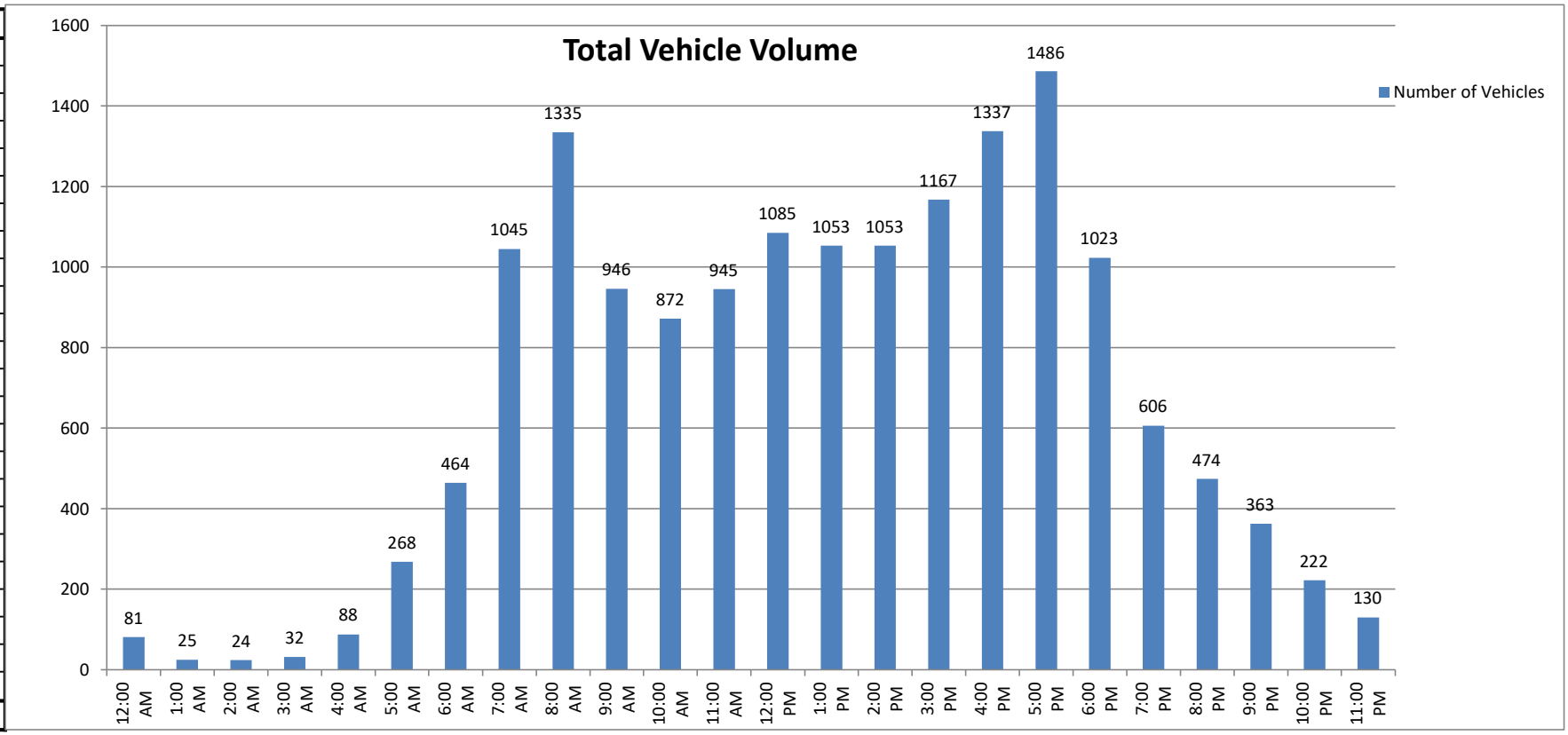
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Muller - Tesla

5/2/2024

Start Time	5/2/2024
12:00 AM	81
1:00 AM	25
2:00 AM	24
3:00 AM	32
4:00 AM	88
5:00 AM	268
6:00 AM	464
7:00 AM	1045
8:00 AM	1335
9:00 AM	946
10:00 AM	872
11:00 AM	945
12:00 PM	1085
1:00 PM	1053
2:00 PM	1053
3:00 PM	1167
4:00 PM	1337
5:00 PM	1486
6:00 PM	1023
7:00 PM	606
8:00 PM	474
9:00 PM	363
10:00 PM	222
11:00 PM	130
Total	16124



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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Muller - Tesla

File Name 191
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	134			12	120				
12:15	8	135			9	130				
12:30	15	129			10	124				
12:45	10	174	41	572	9	133	39	506	80	1078
1:00	4	137			5	129				
1:15	4	134			6	127				
1:30	2	149			6	137				
1:45	4	141	13	559	5	126	21	518	34	1077
2:00	6	128			4	137				
2:15	2	127			4	130				
2:30	5	177			2	130				
2:45	1	136	13	567	6	138	15	534	28	1100
3:00	3	138			6	123				
3:15	3	126			3	136				
3:30	5	191			4	128				
3:45	7	145	18	600	7	157	19	543	36	1143
4:00	11	174			7	162				
4:15	8	148			8	185				
4:30	19	170			9	185				
4:45	13	175	50	666	20	181	43	713	93	1379
5:00	12	190			19	230				
5:15	28	185			31	211				
5:30	30	186			59	203				
5:45	39	123	109	683	55	180	163	824	272	1506
6:00	40	148			58	164				
6:15	50	112			49	137				
6:30	52	132			63	127				
6:45	70	103	211	494	98	111	268	538	479	1032
7:00	86	91			100	77				
7:15	128	70			121	102				
7:30	136	67			135	74				
7:45	162	68	512	296	176	63	531	314	1043	610
8:00	169	59			186	56				
8:15	163	58			194	68				
8:30	153	52			183	58				
8:45	185	64	670	232	170	68	732	249	1402	481
9:00	121	53			135	52				
9:15	125	42			122	51				
9:30	121	41			107	41				
9:45	134	34	501	168	117	38	481	182	981	350
10:00	110	46			117	38				
10:15	123	25			107	28				
10:30	125	21			113	25				
10:45	115	20	472	111	110	23	446	113	917	224
11:00	113	18			105	20				
11:15	127	17			105	18				
11:30	131	19			112	14				
11:45	136	13	506	66	140	12	461	63	966	129
Totals	3112	5012			3217	5094				
Combined Totals		8123				8311				
ADT										16434
AM Peak Hour	800	AM			745	AM				
Volume	670				738					
P.H.F.	0.907				0.951					
PM Peak Hour		445	PM			445	PM			
Volume		734				825				
P.H.F.		0.968				0.897				
Percentage	38.3%	61.7%			38.7%	61.3%				

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City of Irvine
Irvine Center Drive
B/ Pacifica - Enterprise

File Name 185
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	261			14	215				
12:15	18	270			20	197				
12:30	34	277			22	165				
12:45	17	322	99	1130	15	183	71	760	170	1890
1:00	10	285			12	180				
1:15	20	289			13	171				
1:30	15	285			4	173				
1:45	13	249	58	1108	3	162	32	686	90	1794
2:00	8	259			3	165				
2:15	11	256			8	152				
2:30	4	279			4	166				
2:45	6	253	29	1047	2	155	17	638	46	1685
3:00	7	242			2	163				
3:15	16	236			3	161				
3:30	11	262			2	156				
3:45	13	275	47	1015	5	161	12	641	59	1656
4:00	20	297			7	206				
4:15	20	289			0	222				
4:30	32	290			10	241				
4:45	35	320	107	1196	23	234	40	903	147	2099
5:00	39	363			13	316				
5:15	47	366			23	306				
5:30	78	386			38	280				
5:45	101	312	265	1427	34	217	108	1119	373	2546
6:00	87	258			36	215				
6:15	111	258			47	190				
6:30	132	265			42	176				
6:45	185	288	515	1069	62	149	187	730	702	1799
7:00	186	219			73	135				
7:15	265	209			80	122				
7:30	289	204			104	121				
7:45	353	172	1093	804	107	92	364	470	1457	1274
8:00	384	175			136	82				
8:15	382	172			125	107				
8:30	362	167			125	82				
8:45	373	173	1501	687	139	84	525	355	2026	1042
9:00	294	162			126	86				
9:15	320	142			130	62				
9:30	258	101			98	71				
9:45	249	108	1121	513	125	53	479	272	1600	785
10:00	202	73			103	44				
10:15	230	71			119	34				
10:30	223	58			113	24				
10:45	199	57	854	259	117	18	452	120	1306	379
11:00	238	49			149	24				
11:15	236	37			147	20				
11:30	232	32			174	23				
11:45	248	23	954	141	200	18	670	85	1624	226
Totals	6643	10396			2957	6779				
Combined Totals		17039				9736				
ADT										26775
AM Peak Hour	800	AM			1100	AM				
Volume	1501				670					
P.H.F.	0.977				0.838					
PM Peak Hour		445	PM			445	PM			
Volume		1435				1136				
P.H.F.		0.929				0.899				
Percentage	39.0%	61.0%			30.4%	69.6%				

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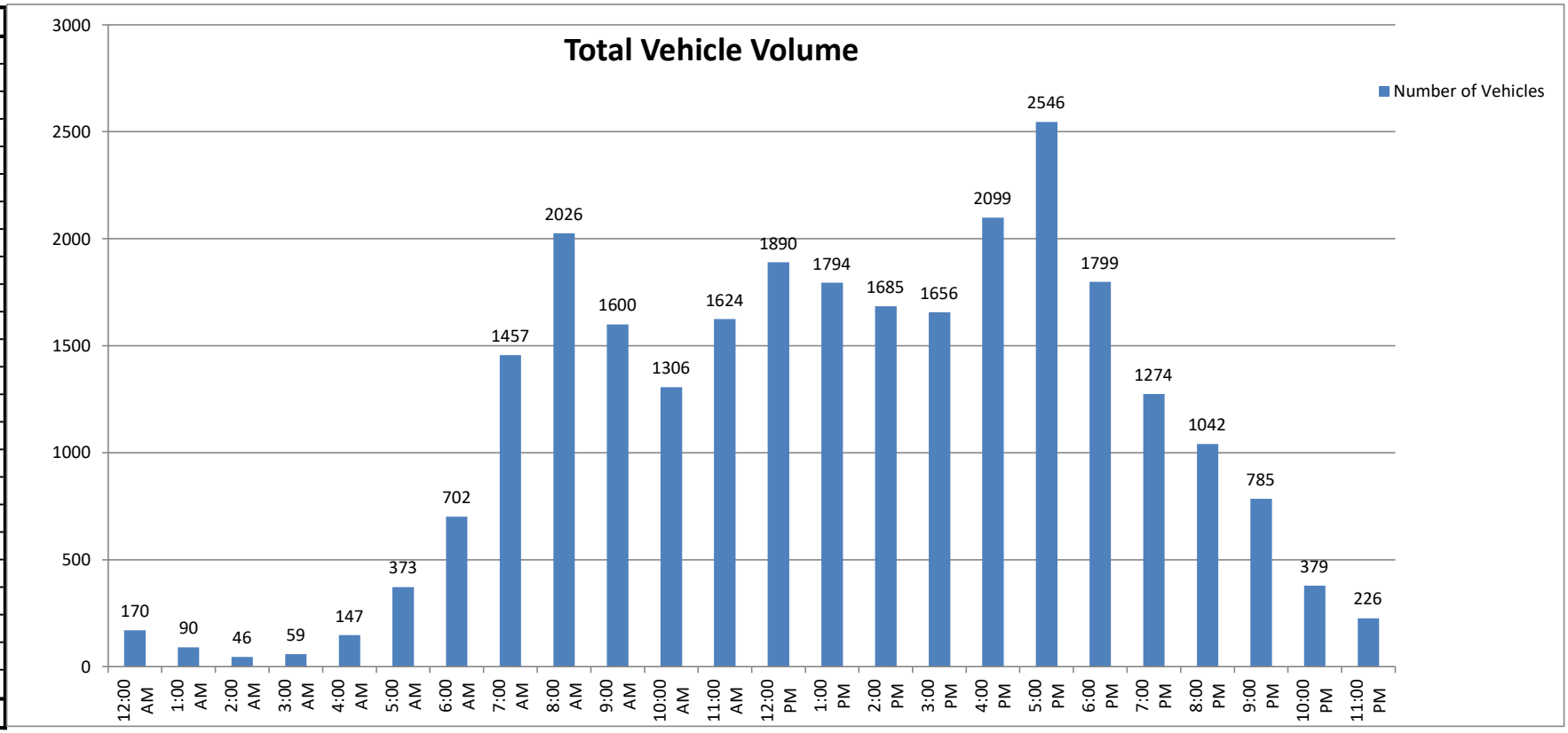
24 Hour Volume Plot

Irvine Center Drive
B/ Pacifica - Enterprise
5/1/2024

Start Time	5/1/2024
12:00 AM	170
1:00 AM	90
2:00 AM	46
3:00 AM	59
4:00 AM	147
5:00 AM	373
6:00 AM	702
7:00 AM	1457
8:00 AM	2026
9:00 AM	1600
10:00 AM	1306
11:00 AM	1624
12:00 PM	1890
1:00 PM	1794
2:00 PM	1685
3:00 PM	1656
4:00 PM	2099
5:00 PM	2546
6:00 PM	1799
7:00 PM	1274
8:00 PM	1042
9:00 PM	785
10:00 PM	379
11:00 PM	226
Total	26775



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Pacifica - Enterprise

File Name 185
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	240			13	215				
12:15	24	282			13	190				
12:30	39	260			14	178				
12:45	15	332	101	1114	12	168	52	751	153	1865
1:00	11	307			6	191				
1:15	7	322			6	147				
1:30	8	287			2	138				
1:45	7	288	33	1204	7	129	21	605	54	1809
2:00	8	221			4	155				
2:15	7	220			2	156				
2:30	3	259			5	145				
2:45	9	258	27	958	7	190	18	646	45	1604
3:00	6	269			3	160				
3:15	6	246			4	185				
3:30	10	254			0	156				
3:45	21	259	43	1028	9	169	16	670	59	1698
4:00	10	272			9	191				
4:15	17	261			2	230				
4:30	24	318			9	191				
4:45	42	353	93	1204	13	248	33	860	126	2064
5:00	30	355			18	289				
5:15	52	370			29	290				
5:30	76	372			29	261				
5:45	105	281	263	1378	39	236	115	1076	378	2454
6:00	84	274			28	229				
6:15	80	270			41	219				
6:30	130	238			47	141				
6:45	178	225	472	1007	62	173	178	762	650	1769
7:00	197	203			71	112				
7:15	232	216			88	132				
7:30	278	201			97	114				
7:45	362	182	1069	802	120	93	376	451	1445	1253
8:00	325	180			117	113				
8:15	342	187			131	94				
8:30	365	137			147	82				
8:45	383	162	1415	666	143	77	538	366	1953	1032
9:00	281	154			113	48				
9:15	311	140			111	58				
9:30	267	115			124	50				
9:45	231	88	1090	497	109	50	457	206	1547	703
10:00	213	98			106	40				
10:15	228	89			106	36				
10:30	215	78			109	29				
10:45	216	61	872	326	107	20	428	125	1300	451
11:00	224	46			128	20				
11:15	248	47			145	15				
11:30	210	37			180	19				
11:45	262	30	944	160	203	18	656	72	1600	232
Totals	6422	10344			2888	6590				
Combined Totals		16766				9478				
ADT										26244
AM Peak Hour	800	AM			1100	AM				
Volume	1415				656					
P.H.F.	0.924				0.808					
PM Peak Hour		445	PM			445	PM			
Volume		1450				1088				
P.H.F.		0.974				0.938				
Percentage	38.3%	61.7%			30.5%	69.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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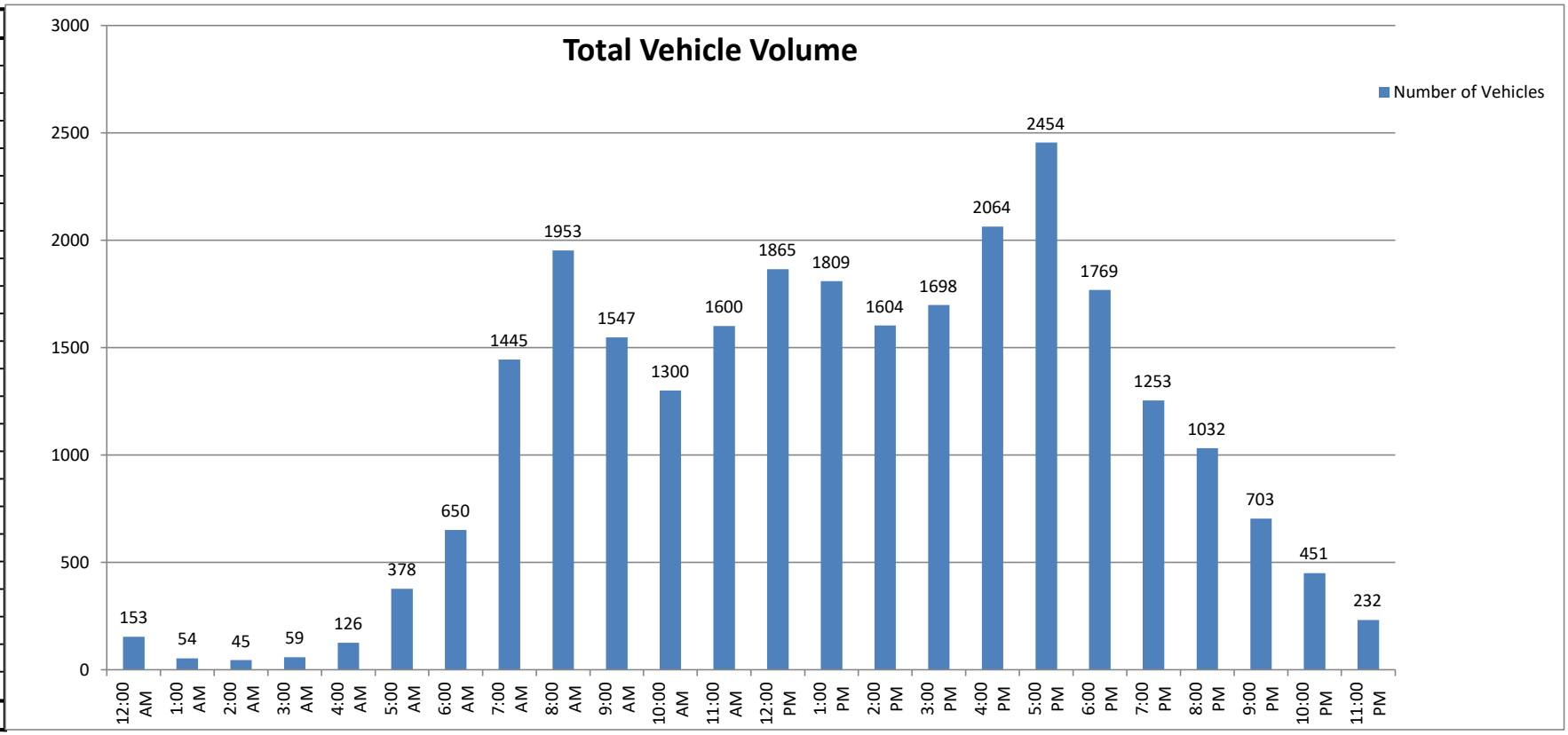
24 Hour Volume Plot

Irvine Center Drive
B/ Pacifica - Enterprise
5/2/2024

Start Time	5/2/2024
12:00 AM	153
1:00 AM	54
2:00 AM	45
3:00 AM	59
4:00 AM	126
5:00 AM	378
6:00 AM	650
7:00 AM	1445
8:00 AM	1953
9:00 AM	1547
10:00 AM	1300
11:00 AM	1600
12:00 PM	1865
1:00 PM	1809
2:00 PM	1604
3:00 PM	1698
4:00 PM	2064
5:00 PM	2454
6:00 PM	1769
7:00 PM	1253
8:00 PM	1032
9:00 PM	703
10:00 PM	451
11:00 PM	232
Total	26244



Volumes represent the combined totals for both directions

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City of Irvine
Irvine Center Drive
B/ Pacifica - Enterprise

File Name 185
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	251			14	215				
12:15	21	276			17	194				
12:30	37	269			18	172				
12:45	16	327	100	1122	14	176	62	756	162	1878
1:00	11	296			9	186				
1:15	14	306			10	159				
1:30	12	286			3	156				
1:45	10	269	46	1156	5	146	27	646	72	1802
2:00	8	240			4	160				
2:15	9	238			5	154				
2:30	4	269			5	156				
2:45	8	256	28	1003	5	173	18	642	46	1645
3:00	7	256			3	162				
3:15	11	241			4	173				
3:30	11	258			1	156				
3:45	17	267	45	1022	7	165	14	656	59	1677
4:00	15	285			8	199				
4:15	19	275			1	226				
4:30	28	304			10	216				
4:45	39	337	100	1200	18	241	37	882	137	2082
5:00	35	359			16	303				
5:15	50	368			26	298				
5:30	77	379			34	271				
5:45	103	297	264	1403	37	227	112	1098	376	2500
6:00	86	266			32	222				
6:15	96	264			44	205				
6:30	131	252			45	159				
6:45	182	257	494	1038	62	161	183	746	676	1784
7:00	192	211			72	124				
7:15	249	213			84	127				
7:30	284	203			101	118				
7:45	358	177	1081	803	114	93	370	461	1451	1264
8:00	355	178			127	98				
8:15	362	180			128	101				
8:30	364	152			136	82				
8:45	378	168	1458	677	141	81	532	361	1990	1037
9:00	288	158			120	67				
9:15	316	141			121	60				
9:30	263	108			111	61				
9:45	240	98	1106	505	117	52	468	239	1574	744
10:00	208	86			105	42				
10:15	229	80			113	35				
10:30	219	68			111	27				
10:45	208	59	863	293	112	19	440	123	1303	415
11:00	231	48			139	22				
11:15	242	42			146	18				
11:30	221	35			177	21				
11:45	255	27	949	151	202	18	663	79	1612	229
Totals	6533	10370			2923	6685				
Combined Totals		16903				9607				
ADT										26510
AM Peak Hour	800	AM			1100	AM				
Volume	1458				663					
P.H.F.	0.964				0.823					
PM Peak Hour		445	PM			445	PM			
Volume		1443				1112				
P.H.F.		0.952				0.919				
Percentage	38.6%	61.4%			30.4%	69.6%				

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City of Irvine
Irvine Center Drive
B/ Research Drive - Hubble

File Name 188
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	180			20	165				
12:15	12	203			9	184				
12:30	20	211			12	179				
12:45	9	203	53	797	13	187	54	715	107	1512
1:00	4	188			6	163				
1:15	11	168			5	202				
1:30	2	164			5	185				
1:45	10	153	27	673	5	197	21	747	48	1420
2:00	7	151			5	179				
2:15	6	194			9	145				
2:30	6	250			4	192				
2:45	5	149	24	744	3	180	21	696	45	1440
3:00	2	160			6	172				
3:15	5	168			3	187				
3:30	5	149			6	161				
3:45	6	204	18	681	6	191	21	711	39	1392
4:00	9	221			6	190				
4:15	8	189			10	207				
4:30	9	230			20	248				
4:45	14	202	40	842	41	248	77	893	117	1735
5:00	12	261			39	234				
5:15	30	240			48	251				
5:30	27	259			72	261				
5:45	39	176	108	936	78	188	237	934	345	1870
6:00	36	207			80	199				
6:15	42	184			87	168				
6:30	57	190			89	149				
6:45	71	164	206	745	132	154	388	670	594	1415
7:00	74	140			108	99				
7:15	112	118			177	143				
7:30	128	120			159	111				
7:45	143	106	457	484	218	86	662	439	1119	923
8:00	163	88			254	70				
8:15	155	93			214	88				
8:30	163	69			245	67				
8:45	164	92	645	342	241	104	954	329	1599	671
9:00	116	59			205	82				
9:15	157	70			184	67				
9:30	133	55			147	72				
9:45	113	51	519	235	172	38	708	259	1227	494
10:00	157	44			117	59				
10:15	139	41			172	41				
10:30	150	36			121	27				
10:45	120	41	566	162	145	36	555	163	1121	325
11:00	144	36			142	29				
11:15	144	22			134	16				
11:30	157	20			183	19				
11:45	148	15	593	93	164	17	623	81	1216	174
Totals	3256	6734			4321	6637				
Combined Totals		9990				10958				
ADT										20948
AM Peak Hour	800	AM			800	AM				
Volume	645				954					
P.H.F.	0.983				0.939					
PM Peak Hour		445	PM			445	PM			
Volume		962				994				
P.H.F.		0.921				0.952				
Percentage	32.6%	67.4%			39.4%	60.6%				

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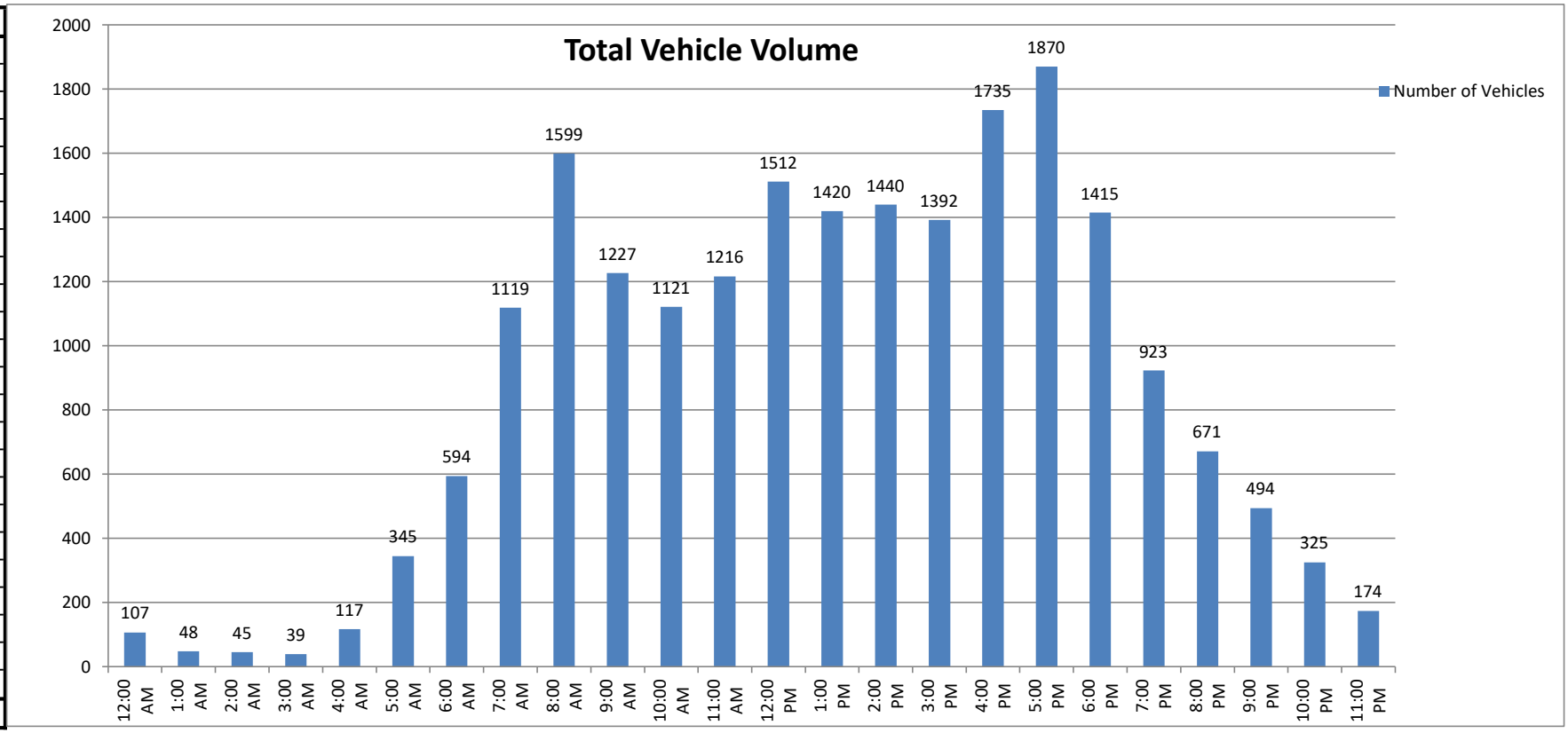
24 Hour Volume Plot

Irvine Center Drive
B/ Research Drive - Hubble

5/1/2024

Start Time	5/1/2024
12:00 AM	107
1:00 AM	48
2:00 AM	45
3:00 AM	39
4:00 AM	117
5:00 AM	345
6:00 AM	594
7:00 AM	1119
8:00 AM	1599
9:00 AM	1227
10:00 AM	1121
11:00 AM	1216
12:00 PM	1512
1:00 PM	1420
2:00 PM	1440
3:00 PM	1392
4:00 PM	1735
5:00 PM	1870
6:00 PM	1415
7:00 PM	923
8:00 PM	671
9:00 PM	494
10:00 PM	325
11:00 PM	174
Total	20948



Volumes represent the combined totals for both directions

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City of Irvine
Irvine Center Drive
B/ Research Drive - Hubble

File Name 188
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	194			11	170				
12:15	12	168			16	159				
12:30	15	153			15	163				
12:45	9	189	54	704	9	195	51	687	105	1391
1:00	3	176			5	160				
1:15	3	177			9	169				
1:30	4	188			4	152				
1:45	4	228	14	769	8	158	26	639	40	1408
2:00	6	174			5	139				
2:15	2	125			1	158				
2:30	4	196			3	140				
2:45	1	150	13	645	5	159	14	596	27	1241
3:00	1	186			5	154				
3:15	4	159			3	174				
3:30	2	202			5	145				
3:45	9	155	16	702	7	211	20	684	36	1386
4:00	3	232			8	163				
4:15	8	170			7	188				
4:30	12	206			20	184				
4:45	11	208	34	816	34	208	69	743	103	1559
5:00	11	279			37	213				
5:15	16	213			43	196				
5:30	26	226			64	200				
5:45	34	176	87	894	62	201	206	810	293	1704
6:00	35	211			68	190				
6:15	35	163			74	176				
6:30	51	162			108	138				
6:45	58	141	179	677	120	140	370	644	549	1321
7:00	75	137			116	132				
7:15	122	132			144	114				
7:30	107	105			178	122				
7:45	129	88	433	462	239	111	677	479	1110	941
8:00	148	63			227	101				
8:15	120	77			227	86				
8:30	139	59			243	100				
8:45	158	66	565	265	236	82	933	369	1498	634
9:00	116	65			149	78				
9:15	163	60			147	66				
9:30	119	66			140	56				
9:45	131	49	529	240	147	60	583	260	1112	500
10:00	123	58			136	38				
10:15	134	31			117	33				
10:30	155	39			127	38				
10:45	123	43	535	171	137	35	517	144	1052	315
11:00	149	50			137	25				
11:15	148	19			121	23				
11:30	137	23			155	22				
11:45	172	19	606	111	177	12	590	82	1196	193
Totals	3065	6456			4056	6137				
Combined Totals		9521				10193				
ADT										19714
AM Peak Hour	1100	AM			745	AM				
Volume	606				936					
P.H.F.	0.881				0.963					
PM Peak Hour		445	PM			445	PM			
Volume		926				817				
P.H.F.		0.830				0.959				
Percentage	32.2%	67.8%			39.8%	60.2%				

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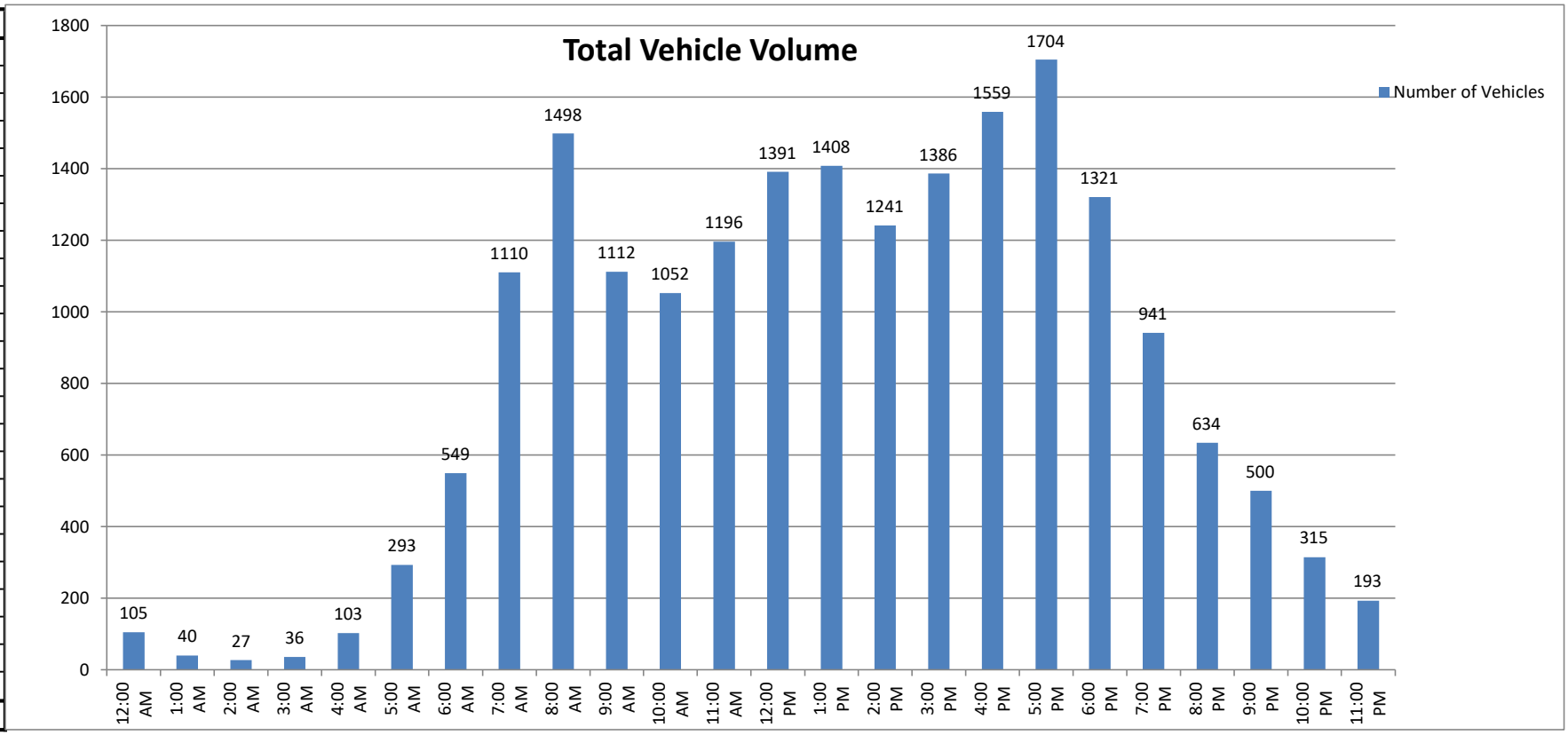
24 Hour Volume Plot

Irvine Center Drive
B/ Research Drive - Hubble

5/2/2024

Start Time	5/2/2024
12:00 AM	105
1:00 AM	40
2:00 AM	27
3:00 AM	36
4:00 AM	103
5:00 AM	293
6:00 AM	549
7:00 AM	1110
8:00 AM	1498
9:00 AM	1112
10:00 AM	1052
11:00 AM	1196
12:00 PM	1391
1:00 PM	1408
2:00 PM	1241
3:00 PM	1386
4:00 PM	1559
5:00 PM	1704
6:00 PM	1321
7:00 PM	941
8:00 PM	634
9:00 PM	500
10:00 PM	315
11:00 PM	193
Total	19714



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Research Drive - Hubble

File Name 188
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	187			16	168				
12:15	12	186			13	172				
12:30	18	182			14	171				
12:45	9	196	54	751	11	191	53	701	106	1452
1:00	4	182			6	162				
1:15	7	173			7	186				
1:30	3	176			5	169				
1:45	7	191	21	721	7	178	24	693	44	1414
2:00	7	163			5	159				
2:15	4	160			5	152				
2:30	5	223			4	166				
2:45	3	150	19	695	4	170	18	646	36	1341
3:00	2	173			6	163				
3:15	5	164			3	181				
3:30	4	176			6	153				
3:45	8	180	17	692	7	201	21	698	38	1389
4:00	6	227			7	177				
4:15	8	180			9	198				
4:30	11	218			20	216				
4:45	13	205	37	829	38	228	73	818	110	1647
5:00	12	270			38	224				
5:15	23	227			46	224				
5:30	27	243			68	231				
5:45	37	176	98	915	70	195	222	872	319	1787
6:00	36	209			74	195				
6:15	39	174			81	172				
6:30	54	176			99	144				
6:45	65	153	193	711	126	147	379	657	572	1368
7:00	75	139			112	116				
7:15	117	125			161	129				
7:30	118	113			169	117				
7:45	136	97	445	473	229	99	670	459	1115	932
8:00	156	76			241	86				
8:15	138	85			221	87				
8:30	151	64			244	84				
8:45	161	79	605	304	239	93	944	349	1549	653
9:00	116	62			177	80				
9:15	160	65			166	67				
9:30	126	61			144	64				
9:45	122	50	524	238	160	49	646	260	1170	497
10:00	140	51			127	49				
10:15	137	36			145	37				
10:30	153	38			124	33				
10:45	122	42	551	167	141	36	536	154	1087	320
11:00	147	43			140	27				
11:15	146	21			128	20				
11:30	147	22			169	21				
11:45	160	17	600	102	171	15	607	82	1206	184
Totals	3161	6595			4189	6387				
Combined Totals		9756				10576				
ADT										20331
AM Peak Hour	800	AM			800	AM				
Volume	605				944					
P.H.F.	0.939				0.967					
PM Peak Hour		445	PM			445	PM			
Volume		944				906				
P.H.F.		0.874				0.982				
Percentage	32.4%	67.6%			39.6%	60.4%				

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City of Irvine
Irvine Center Drive
B/ Scientific Way - Lake Forest Drive

File Name 193
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	116			2	116				
12:15	16	108			4	124				
12:30	7	152			9	110				
12:45	2	140	36	516	8	121	23	471	59	987
1:00	2	128			9	103				
1:15	8	127			8	123				
1:30	2	164			6	131				
1:45	3	134	15	553	6	120	29	477	44	1030
2:00	5	119			3	106				
2:15	2	141			3	104				
2:30	5	133			4	116				
2:45	2	116	14	509	4	139	14	465	28	974
3:00	3	103			6	120				
3:15	4	113			3	133				
3:30	6	136			5	122				
3:45	7	141	20	493	0	167	14	542	34	1035
4:00	5	159			6	182				
4:15	9	132			7	182				
4:30	10	138			7	220				
4:45	13	125	37	554	22	206	42	790	79	1344
5:00	17	166			15	257				
5:15	30	139			7	213				
5:30	33	147			33	209				
5:45	38	89	118	541	15	194	70	873	188	1414
6:00	36	117			29	167				
6:15	48	77			26	141				
6:30	53	117			29	120				
6:45	92	83	229	394	59	97	143	525	372	919
7:00	108	69			59	89				
7:15	139	67			58	98				
7:30	147	63			66	63				
7:45	180	59	574	258	105	54	288	304	862	562
8:00	215	46			109	49				
8:15	193	54			110	61				
8:30	189	45			99	51				
8:45	205	57	802	202	107	54	425	215	1227	417
9:00	146	46			81	46				
9:15	129	31			99	47				
9:30	128	39			59	41				
9:45	128	21	531	137	103	27	342	161	873	298
10:00	129	36			86	46				
10:15	108	25			85	30				
10:30	130	20			99	24				
10:45	100	12	467	93	80	21	350	121	817	214
11:00	111	11			86	21				
11:15	111	13			90	18				
11:30	124	16			98	10				
11:45	109	12	455	52	116	12	390	61	845	113
Totals	3298	4302			2130	5005				
Combined Totals		7600				7135				
ADT										14735
AM Peak Hour	800	AM			800	AM				
Volume	802				425					
P.H.F.	0.933				0.966					
PM Peak Hour		445	PM			430	PM			
Volume		577				896				
P.H.F.		0.869				0.872				
Percentage	43.4%	56.6%			29.9%	70.1%				

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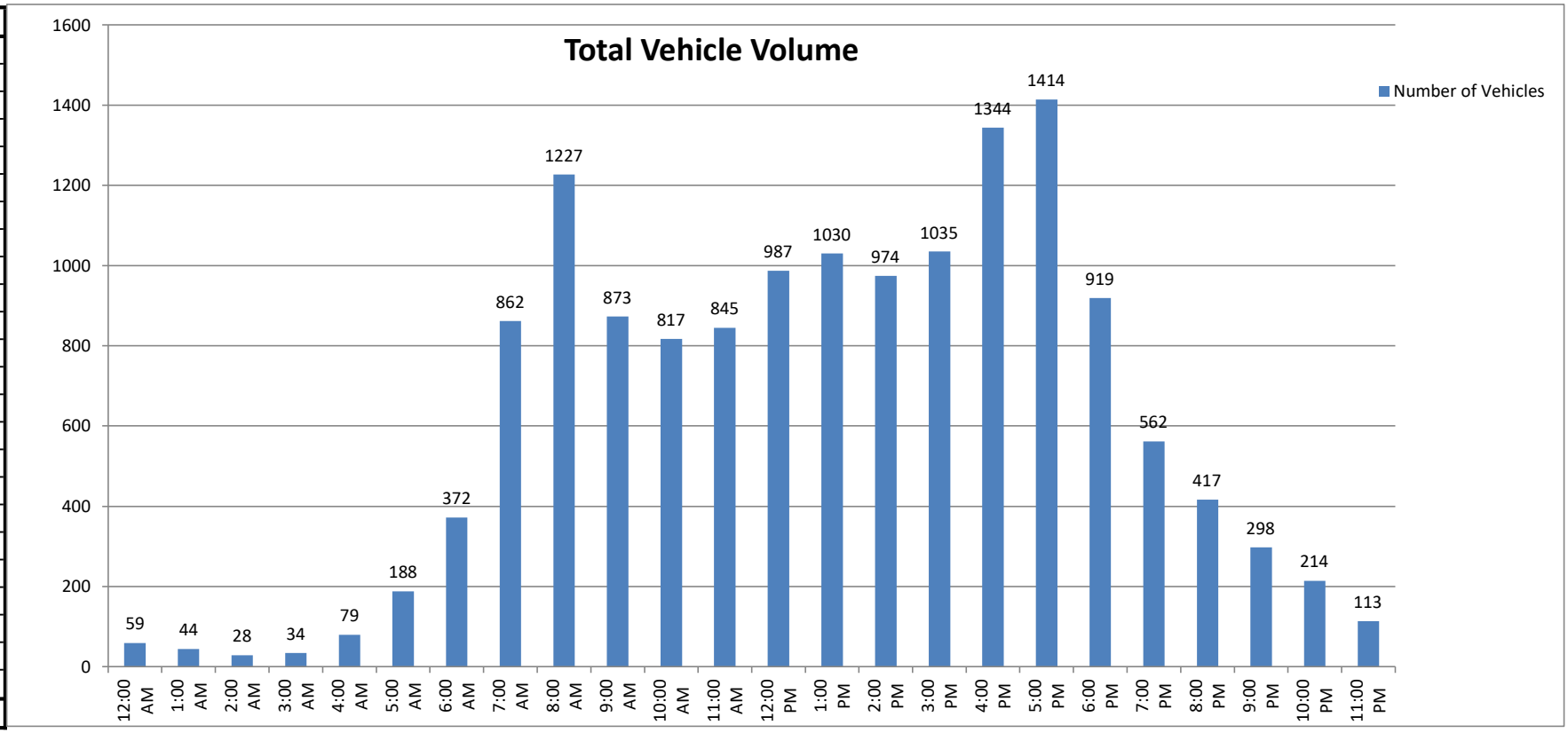
24 Hour Volume Plot

Irvine Center Drive

B/ Scientific Way - Lake Forest Drive

5/1/2024

Start Time	5/1/2024
12:00 AM	59
1:00 AM	44
2:00 AM	28
3:00 AM	34
4:00 AM	79
5:00 AM	188
6:00 AM	372
7:00 AM	862
8:00 AM	1227
9:00 AM	873
10:00 AM	817
11:00 AM	845
12:00 PM	987
1:00 PM	1030
2:00 PM	974
3:00 PM	1035
4:00 PM	1344
5:00 PM	1414
6:00 PM	919
7:00 PM	562
8:00 PM	417
9:00 PM	298
10:00 PM	214
11:00 PM	113
Total	14735



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Scientific Way - Lake Forest Drive

File Name 193
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	130			12	127				
12:15	9	112			13	121				
12:30	16	113			9	103				
12:45	7	144	42	499	6	91	40	442	82	941
1:00	3	129			4	112				
1:15	1	130			4	85				
1:30	0	156			1	106				
1:45	5	132	9	547	4	87	13	390	22	937
2:00	2	122			5	117				
2:15	0	92			4	106				
2:30	3	130			1	127				
2:45	0	124	5	468	3	104	13	454	18	922
3:00	0	132			4	124				
3:15	0	122			1	140				
3:30	3	167			6	142				
3:45	8	137	11	558	4	140	15	546	26	1104
4:00	8	135			6	160				
4:15	7	133			7	168				
4:30	17	135			9	179				
4:45	10	155	42	558	17	192	39	699	81	1257
5:00	14	154			16	248				
5:15	24	119			22	233				
5:30	25	147			28	202				
5:45	41	117	104	537	17	170	83	853	187	1390
6:00	39	117			24	171				
6:15	43	98			30	149				
6:30	52	100			32	121				
6:45	79	69	213	384	42	113	128	554	341	938
7:00	89	86			59	85				
7:15	120	66			59	98				
7:30	137	51			99	71				
7:45	175	60	521	263	114	73	331	327	852	590
8:00	168	54			88	72				
8:15	176	56			95	68				
8:30	191	54			75	50				
8:45	198	48	733	212	105	52	363	242	1096	454
9:00	139	43			63	48				
9:15	157	40			77	53				
9:30	119	30			69	37				
9:45	133	37	548	150	74	39	283	177	831	327
10:00	114	54			83	31				
10:15	111	26			75	23				
10:30	147	17			73	27				
10:45	107	21	479	118	94	24	325	105	804	223
11:00	107	16			77	11				
11:15	98	16			78	22				
11:30	120	12			110	9				
11:45	105	12	430	56	113	5	378	47	808	103
Totals	3137	4350			2011	4836				
Combined Totals		7487				6847				
ADT										14334
AM Peak Hour	800	AM			730	AM				
Volume	733				396					
P.H.F.	0.926				0.868					
PM Peak Hour		415	PM			445	PM			
Volume		577				875				
P.H.F.		0.931				0.882				
Percentage	41.9%	58.1%			29.4%	70.6%				

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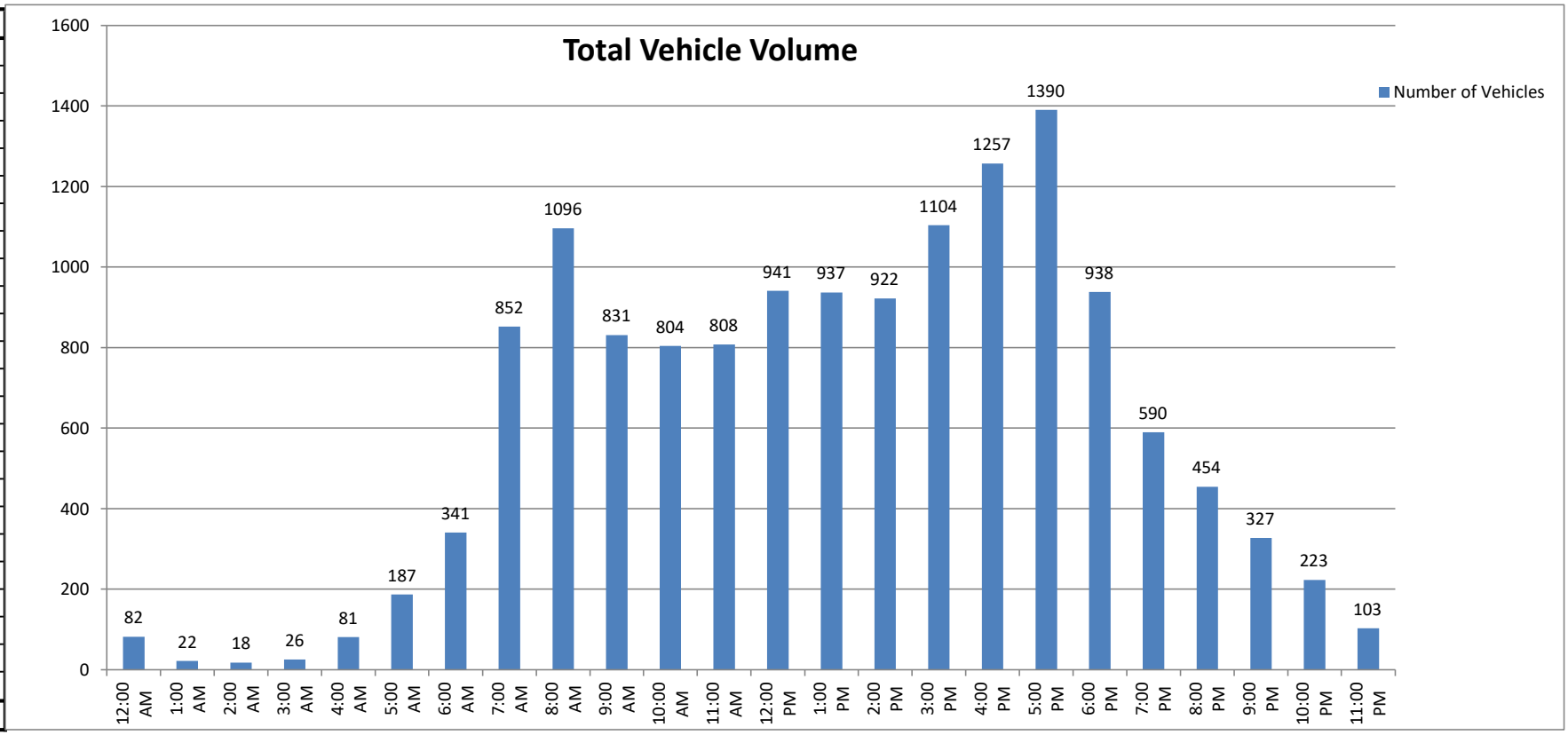
24 Hour Volume Plot

Irvine Center Drive
B/ Scientific Way - Lake Forest Drive
5/2/2024

Start Time	5/2/2024
12:00 AM	82
1:00 AM	22
2:00 AM	18
3:00 AM	26
4:00 AM	81
5:00 AM	187
6:00 AM	341
7:00 AM	852
8:00 AM	1096
9:00 AM	831
10:00 AM	804
11:00 AM	808
12:00 PM	941
1:00 PM	937
2:00 PM	922
3:00 PM	1104
4:00 PM	1257
5:00 PM	1390
6:00 PM	938
7:00 PM	590
8:00 PM	454
9:00 PM	327
10:00 PM	223
11:00 PM	103
Total	14334



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Scientific Way - Lake Forest Drive

File Name 193
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	123			7	122				
12:15	13	110			9	123				
12:30	12	133			9	107				
12:45	5	142	39	508	7	106	32	457	71	964
1:00	3	129			7	108				
1:15	5	129			6	104				
1:30	1	160			4	119				
1:45	4	133	12	550	5	104	21	434	33	984
2:00	4	121			4	112				
2:15	1	117			4	105				
2:30	4	132			3	122				
2:45	1	120	10	489	4	122	14	460	23	948
3:00	2	118			5	122				
3:15	2	118			2	137				
3:30	5	152			6	132				
3:45	8	139	16	526	2	154	15	544	30	1070
4:00	7	147			6	171				
4:15	8	133			7	175				
4:30	14	137			8	200				
4:45	12	140	40	556	20	199	41	745	80	1301
5:00	16	160			16	253				
5:15	27	129			15	223				
5:30	29	147			31	206				
5:45	40	103	111	539	16	182	77	863	188	1402
6:00	38	117			27	169				
6:15	46	88			28	145				
6:30	53	109			31	121				
6:45	86	76	221	389	51	105	136	540	357	929
7:00	99	78			59	87				
7:15	130	67			59	98				
7:30	142	57			83	67				
7:45	178	60	548	261	110	64	310	316	857	576
8:00	192	50			99	61				
8:15	185	55			103	65				
8:30	190	50			87	51				
8:45	202	53	768	207	106	53	394	229	1162	436
9:00	143	45			72	47				
9:15	143	36			88	50				
9:30	124	35			64	39				
9:45	131	29	540	144	89	33	313	169	852	313
10:00	122	45			85	39				
10:15	110	26			80	27				
10:30	139	19			86	26				
10:45	104	17	473	106	87	23	338	113	811	219
11:00	109	14			82	16				
11:15	105	15			84	20				
11:30	122	14			104	10				
11:45	107	12	443	54	115	9	384	54	827	108
Totals	3218	4326			2071	4921				
Combined Totals		7544				6991				
ADT										14535
AM Peak Hour	800	AM			745	AM				
Volume	768				398					
P.H.F.	0.952				0.908					
PM Peak Hour		445	PM			445	PM			
Volume		576				880				
P.H.F.		0.900				0.871				
Percentage	42.7%	57.3%			29.6%	70.4%				

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City of Irvine
Irvine Center Drive
B/ Tesla - Scientific Way

File Name 192
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	104			12	100				
12:15	10	122			4	104				
12:30	15	116			8	118				
12:45	9	151	37	493	10	118	34	440	71	933
1:00	3	118			7	106				
1:15	7	144			6	135				
1:30	2	128			7	123				
1:45	3	129	15	519	5	119	25	483	40	1002
2:00	5	112			3	120				
2:15	2	151			3	113				
2:30	7	147			1	125				
2:45	1	109	15	519	5	137	12	495	27	1014
3:00	3	105			6	116				
3:15	3	104			2	121				
3:30	7	156			3	103				
3:45	5	137	18	502	5	165	16	505	34	1007
4:00	12	160			4	171				
4:15	9	122			9	170				
4:30	12	157			8	198				
4:45	12	126	45	565	22	184	43	723	88	1288
5:00	13	179			17	239				
5:15	28	151			24	196				
5:30	26	162			34	214				
5:45	34	95	101	587	20	164	95	813	196	1400
6:00	29	121			35	155				
6:15	53	88			31	131				
6:30	38	131			33	123				
6:45	81	92	201	432	80	85	179	494	380	926
7:00	84	70			72	86				
7:15	134	62			86	92				
7:30	139	60			95	64				
7:45	150	62	507	254	129	46	382	288	889	542
8:00	177	49			146	50				
8:15	170	57			127	59				
8:30	153	45			147	51				
8:45	174	57	674	208	125	61	545	221	1219	429
9:00	125	47			110	46				
9:15	101	31			104	42				
9:30	124	46			86	43				
9:45	121	28	471	152	97	25	397	156	868	308
10:00	104	34			103	45				
10:15	116	22			110	25				
10:30	110	19			115	23				
10:45	97	13	427	88	82	22	410	115	837	203
11:00	104	13			96	21				
11:15	127	13			100	15				
11:30	114	15			101	12				
11:45	122	12	467	53	118	12	415	60	882	113
Totals	2978	4372			2553	4793				
Combined Totals		7350				7346				
ADT										14696
AM Peak Hour	800	AM			745	AM				
Volume	674				549					
P.H.F.	0.952				0.934					
PM Peak Hour		445	PM			445	PM			
Volume		618				833				
P.H.F.		0.863				0.871				
Percentage	40.5%	59.5%			34.8%	65.2%				

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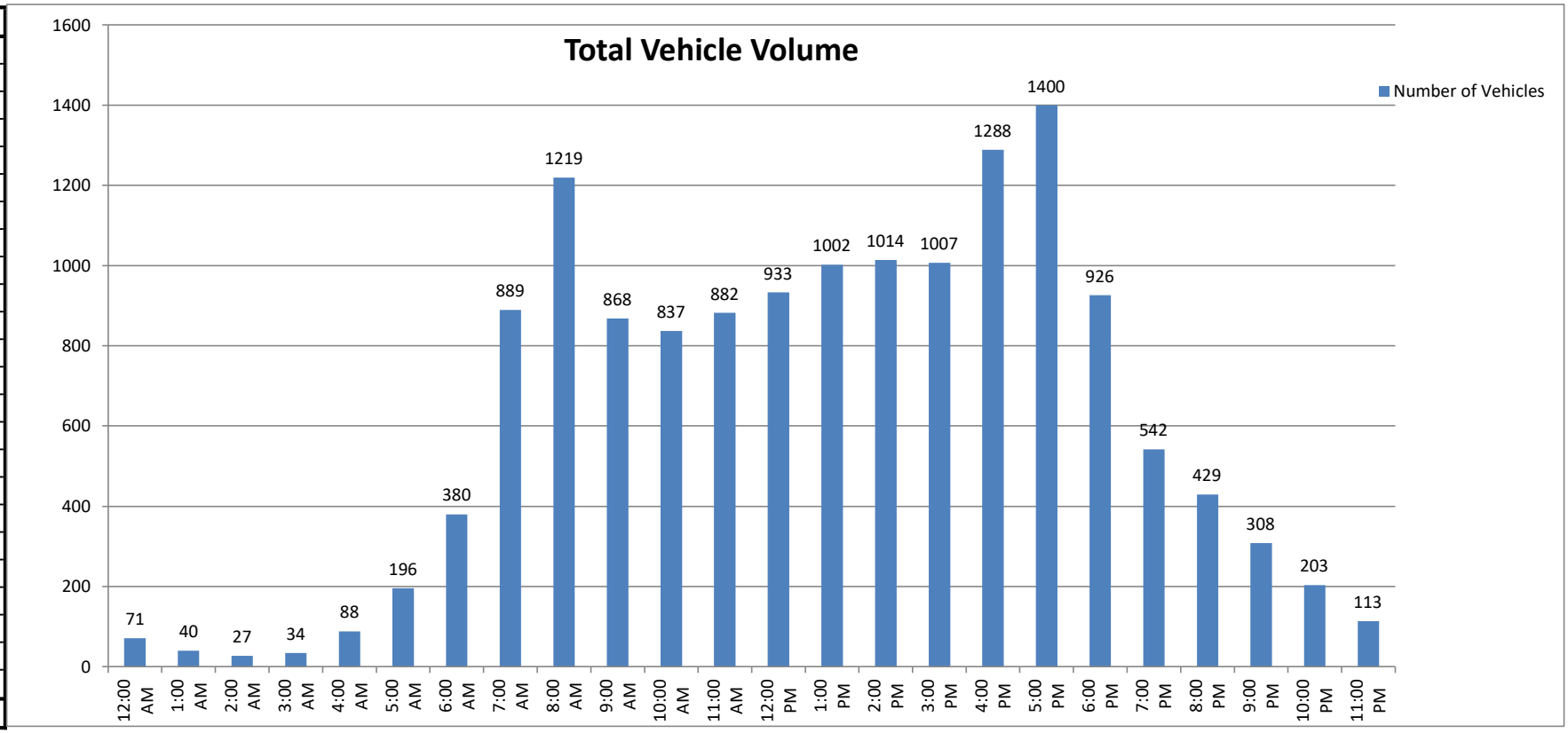
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Tesla - Scientific Way

5/1/2024

Start Time	5/1/2024
12:00 AM	71
1:00 AM	40
2:00 AM	27
3:00 AM	34
4:00 AM	88
5:00 AM	196
6:00 AM	380
7:00 AM	889
8:00 AM	1219
9:00 AM	868
10:00 AM	837
11:00 AM	882
12:00 PM	933
1:00 PM	1002
2:00 PM	1014
3:00 PM	1007
4:00 PM	1288
5:00 PM	1400
6:00 PM	926
7:00 PM	542
8:00 PM	429
9:00 PM	308
10:00 PM	203
11:00 PM	113
Total	14696



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City of Irvine
Irvine Center Drive
B/ Tesla - Scientific Way

File Name 192
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	117			11	126				
12:15	6	117			13	127				
12:30	13	101			11	105				
12:45	10	158	41	493	6	102	41	460	82	953
1:00	4	132			2	116				
1:15	0	107			4	92				
1:30	1	139			4	112				
1:45	5	136	10	514	4	97	14	417	24	931
2:00	3	120			5	125				
2:15	1	88			4	114				
2:30	3	133			2	106				
2:45	0	125	7	466	4	124	15	469	22	935
3:00	0	143			3	109				
3:15	0	119			1	127				
3:30	3	169			4	131				
3:45	8	126	11	557	6	137	14	504	25	1061
4:00	7	151			9	141				
4:15	6	132			7	167				
4:30	18	129			8	156				
4:45	12	170	43	582	17	172	41	636	84	1218
5:00	11	153			16	225				
5:15	22	162			25	215				
5:30	31	139			31	172				
5:45	33	105	97	559	19	176	91	788	188	1347
6:00	34	124			32	162				
6:15	38	109			33	125				
6:30	55	105			43	120				
6:45	51	76	178	414	62	114	170	521	348	935
7:00	76	80			85	63				
7:15	110	63			82	93				
7:30	126	57			123	69				
7:45	163	59	475	259	148	64	438	289	913	548
8:00	144	56			131	53				
8:15	141	49			135	63				
8:30	139	54			116	51				
8:45	189	51	613	210	124	51	506	218	1119	428
9:00	108	41			85	49				
9:15	136	45			90	54				
9:30	92	33			92	31				
9:45	127	36	463	155	90	34	357	168	820	323
10:00	98	51			92	23				
10:15	106	24			75	23				
10:30	118	19			79	22				
10:45	102	20	424	114	102	21	348	89	772	203
11:00	103	19			85	13				
11:15	98	16			94	19				
11:30	111	14			97	12				
11:45	123	14	435	63	133	5	409	49	844	112
Totals	2797	4386			2444	4608				
Combined Totals		7183				7052				
ADT										14235
AM Peak Hour	800	AM			730	AM				
Volume	613				537					
P.H.F.	0.811				0.907					
PM Peak Hour		445	PM			500	PM			
Volume		624				788				
P.H.F.		0.918				0.876				
Percentage	38.9%	61.1%			34.7%	65.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

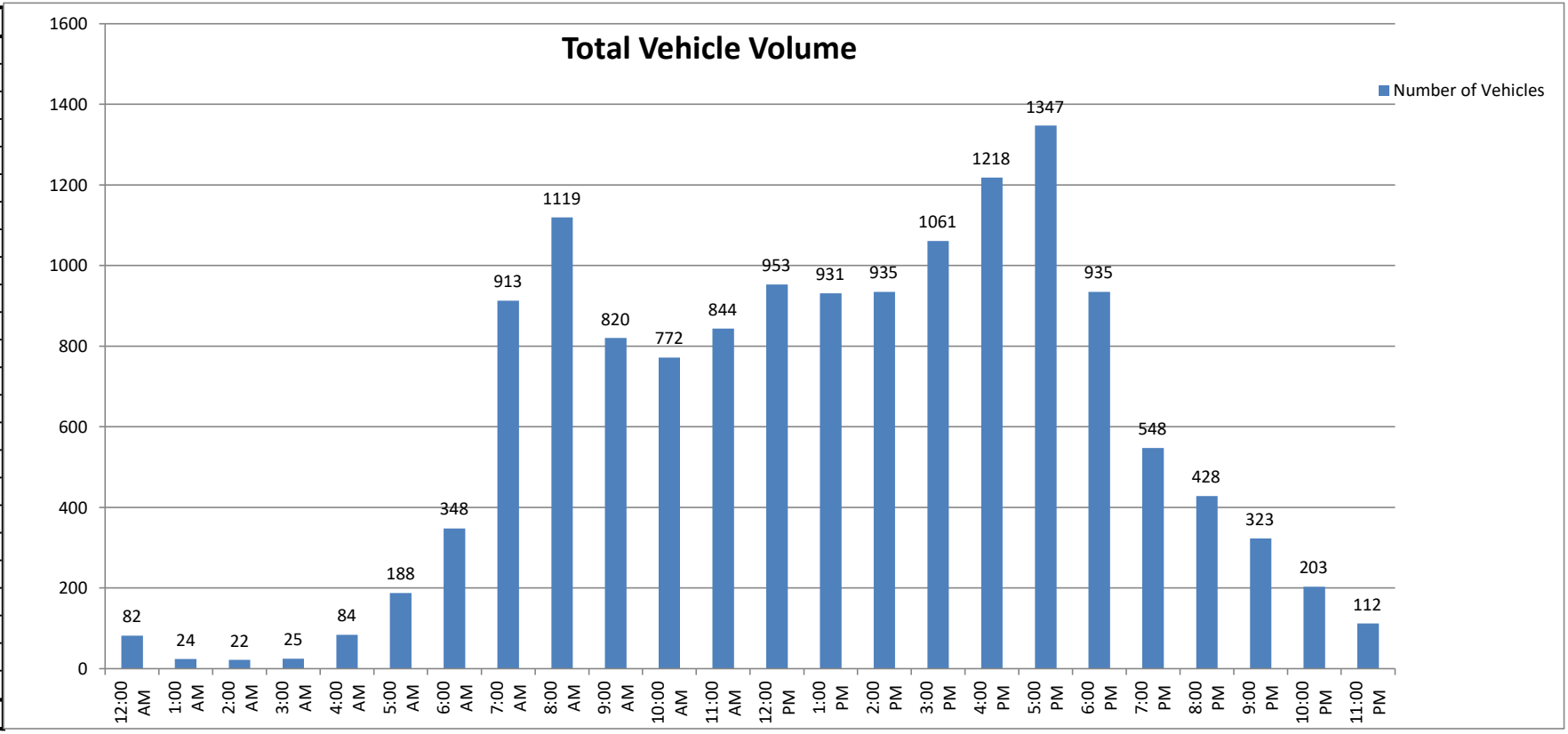
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Tesla - Scientific Way

5/2/2024

Start Time	5/2/2024
12:00 AM	82
1:00 AM	24
2:00 AM	22
3:00 AM	25
4:00 AM	84
5:00 AM	188
6:00 AM	348
7:00 AM	913
8:00 AM	1119
9:00 AM	820
10:00 AM	772
11:00 AM	844
12:00 PM	953
1:00 PM	931
2:00 PM	935
3:00 PM	1061
4:00 PM	1218
5:00 PM	1347
6:00 PM	935
7:00 PM	548
8:00 PM	428
9:00 PM	323
10:00 PM	203
11:00 PM	112
Total	14235



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Tesla - Scientific Way

File Name 192
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	111			12	113				
12:15	8	120			9	116				
12:30	14	109			10	112				
12:45	10	155	39	493	8	110	38	450	77	943
1:00	4	125			5	111				
1:15	4	126			5	114				
1:30	2	134			6	118				
1:45	4	133	13	517	5	108	20	450	32	967
2:00	4	116			4	123				
2:15	2	120			4	114				
2:30	5	140			2	116				
2:45	1	117	11	493	5	131	14	482	25	975
3:00	2	124			5	113				
3:15	2	112			2	124				
3:30	5	163			4	117				
3:45	7	132	15	530	6	151	15	505	30	1034
4:00	10	156			7	156				
4:15	8	127			8	169				
4:30	15	143			8	177				
4:45	12	148	44	574	20	178	42	680	86	1253
5:00	12	166			17	232				
5:15	25	157			25	206				
5:30	29	151			33	193				
5:45	34	100	99	573	20	170	93	801	192	1374
6:00	32	123			34	159				
6:15	46	99			32	128				
6:30	47	118			38	122				
6:45	66	84	190	423	71	100	175	508	364	931
7:00	80	75			79	75				
7:15	122	63			84	93				
7:30	133	59			109	67				
7:45	157	61	491	257	139	55	410	289	901	545
8:00	161	53			139	52				
8:15	156	53			131	61				
8:30	146	50			132	51				
8:45	182	54	644	209	125	56	526	220	1169	429
9:00	117	44			98	48				
9:15	119	38			97	48				
9:30	108	40			89	37				
9:45	124	32	467	154	94	30	377	162	844	316
10:00	101	43			98	34				
10:15	111	23			93	24				
10:30	114	19			97	23				
10:45	100	17	426	101	92	22	379	102	805	203
11:00	104	16			91	17				
11:15	113	15			97	17				
11:30	113	15			99	12				
11:45	123	13	451	58	126	9	412	55	863	113
Totals	2888	4379			2499	4701				
Combined Totals		7267				7199				
ADT										14466
AM Peak Hour	800	AM			745	AM				
Volume	644				540					
P.H.F.	0.886				0.974					
PM Peak Hour		445	PM			445	PM			
Volume		621				809				
P.H.F.		0.935				0.871				
Percentage	39.7%	60.3%			34.7%	65.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Alton Parkway - Spectrum

File Name 183
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	213			17	212				
12:15	9	190			14	200				
12:30	12	224			15	185				
12:45	11	222	51	849	7	190	53	787	104	1636
1:00	6	239			7	187				
1:15	8	224			5	151				
1:30	12	215			9	168				
1:45	5	202	31	880	3	196	24	702	55	1582
2:00	11	192			2	177				
2:15	4	200			0	176				
2:30	16	186			12	205				
2:45	9	233	40	811	3	178	17	736	57	1547
3:00	6	187			2	183				
3:15	7	181			3	193				
3:30	11	221			7	205				
3:45	12	203	36	792	7	179	19	760	55	1552
4:00	12	272			7	192				
4:15	7	240			7	206				
4:30	16	290			20	236				
4:45	28	288	63	1090	17	240	51	874	114	1964
5:00	21	310			10	265				
5:15	33	345			27	280				
5:30	77	371			35	230				
5:45	99	232	230	1258	37	207	109	982	339	2240
6:00	76	207			38	221				
6:15	72	243			52	181				
6:30	94	159			44	151				
6:45	128	180	370	789	64	136	198	689	568	1478
7:00	135	137			74	147				
7:15	175	151			79	131				
7:30	215	107			90	98				
7:45	257	104	782	499	114	97	357	473	1139	972
8:00	261	119			103	89				
8:15	249	104			102	74				
8:30	285	114			148	59				
8:45	260	93	1055	430	123	81	476	303	1531	733
9:00	240	108			110	42				
9:15	235	88			139	63				
9:30	199	86			125	40				
9:45	168	70	842	352	102	35	476	180	1318	532
10:00	140	64			117	33				
10:15	146	69			119	31				
10:30	168	60			106	25				
10:45	185	63	639	256	153	24	495	113	1134	369
11:00	165	42			141	19				
11:15	187	34			147	16				
11:30	177	27			194	26				
11:45	169	26	698	129	184	12	666	73	1364	202
Totals	4837	8135			2941	6672				
Combined Totals		12972				9613				
ADT										22585
AM Peak Hour	800	AM			1100	AM				
Volume	1055				666					
P.H.F.	0.925				0.858					
PM Peak Hour		445	PM			430	PM			
Volume		1314				1021				
P.H.F.		0.885				0.912				
Percentage	37.3%	62.7%			30.6%	69.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

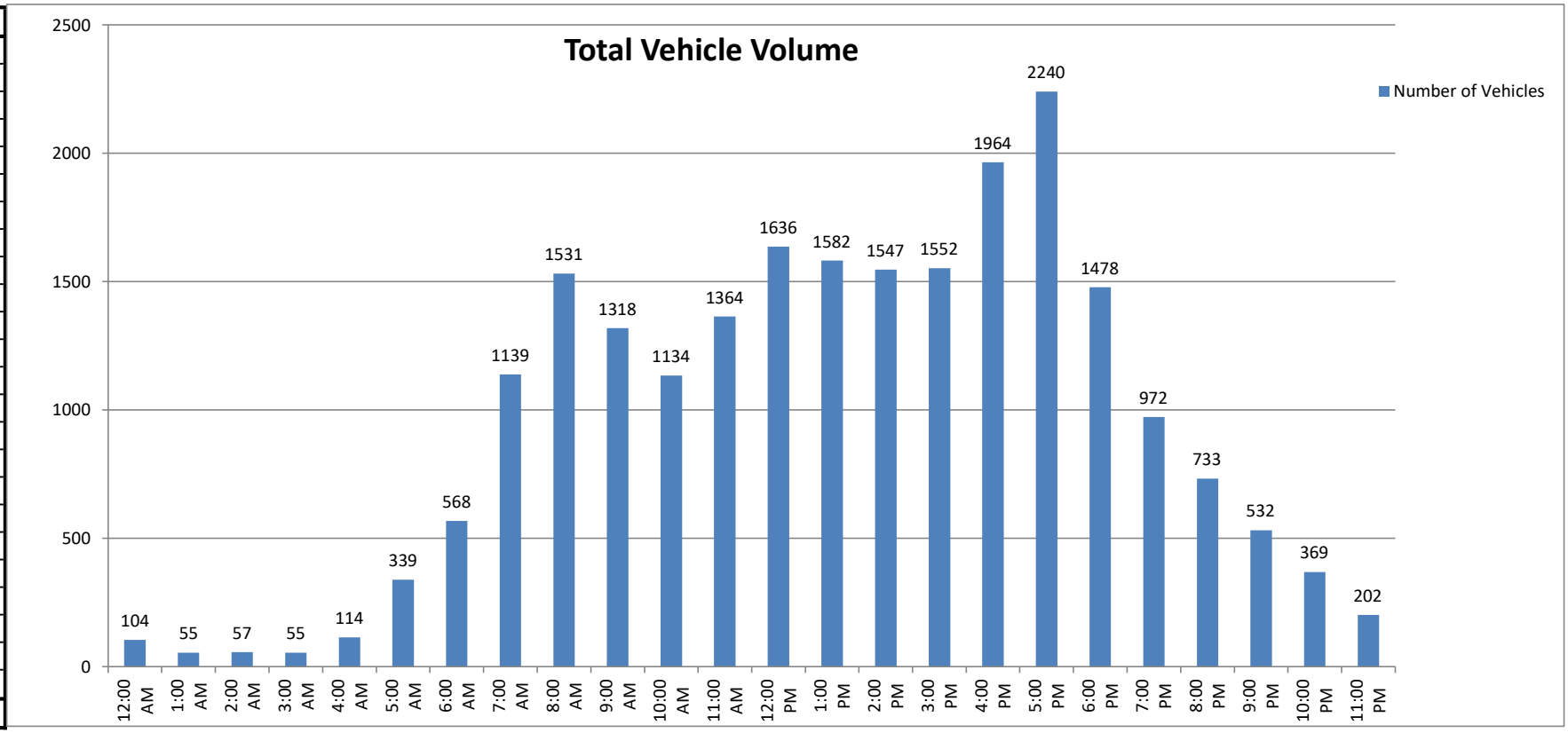
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Alton Parkway - Spectrum

2/14/2024

Start Time	2/14/2024
12:00 AM	104
1:00 AM	55
2:00 AM	57
3:00 AM	55
4:00 AM	114
5:00 AM	339
6:00 AM	568
7:00 AM	1139
8:00 AM	1531
9:00 AM	1318
10:00 AM	1134
11:00 AM	1364
12:00 PM	1636
1:00 PM	1582
2:00 PM	1547
3:00 PM	1552
4:00 PM	1964
5:00 PM	2240
6:00 PM	1478
7:00 PM	972
8:00 PM	733
9:00 PM	532
10:00 PM	369
11:00 PM	202
Total	22585



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Alton Parkway - Spectrum

File Name 183
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	220			30	224				
12:15	18	190			15	211				
12:30	20	241			18	203				
12:45	8	239	69	890	5	221	68	859	137	1749
1:00	11	237			10	196				
1:15	6	233			7	160				
1:30	7	232			5	168				
1:45	5	221	29	923	7	180	29	704	58	1627
2:00	11	178			6	166				
2:15	6	198			10	180				
2:30	16	178			4	233				
2:45	1	218	34	772	7	201	27	780	61	1552
3:00	6	189			4	189				
3:15	9	198			10	210				
3:30	8	198			7	214				
3:45	12	207	35	792	11	172	32	785	67	1577
4:00	8	246			9	229				
4:15	9	255			11	216				
4:30	24	274			17	206				
4:45	24	240	65	1015	8	265	45	916	110	1931
5:00	28	312			14	274				
5:15	40	344			31	244				
5:30	76	301			34	230				
5:45	79	247	223	1204	40	208	119	956	342	2160
6:00	67	250			39	192				
6:15	57	158			54	154				
6:30	112	177			43	169				
6:45	136	150	372	735	62	144	198	659	570	1394
7:00	118	164			90	147				
7:15	173	127			79	117				
7:30	242	108			95	97				
7:45	304	125	837	524	108	85	372	446	1209	970
8:00	298	103			123	92				
8:15	287	100			130	62				
8:30	304	104			158	59				
8:45	271	79	1160	386	121	75	532	288	1692	674
9:00	280	96			115	63				
9:15	216	91			146	52				
9:30	211	83			123	58				
9:45	213	64	920	334	114	30	498	203	1418	537
10:00	165	58			141	46				
10:15	165	54			134	27				
10:30	162	55			126	25				
10:45	160	43	652	210	147	29	548	127	1200	337
11:00	212	33			152	32				
11:15	188	28			180	12				
11:30	181	33			214	25				
11:45	184	20	765	114	196	15	742	84	1507	198
Totals	5161	7899			3210	6807				
Combined Totals		13060				10017				
ADT										23077
AM Peak Hour	745	AM			1100	AM				
Volume	1193				742					
P.H.F.	0.981				0.867					
PM Peak Hour		500	PM			445	PM			
Volume		1204				1013				
P.H.F.		0.875				0.924				
Percentage	39.5%	60.5%			32.0%	68.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

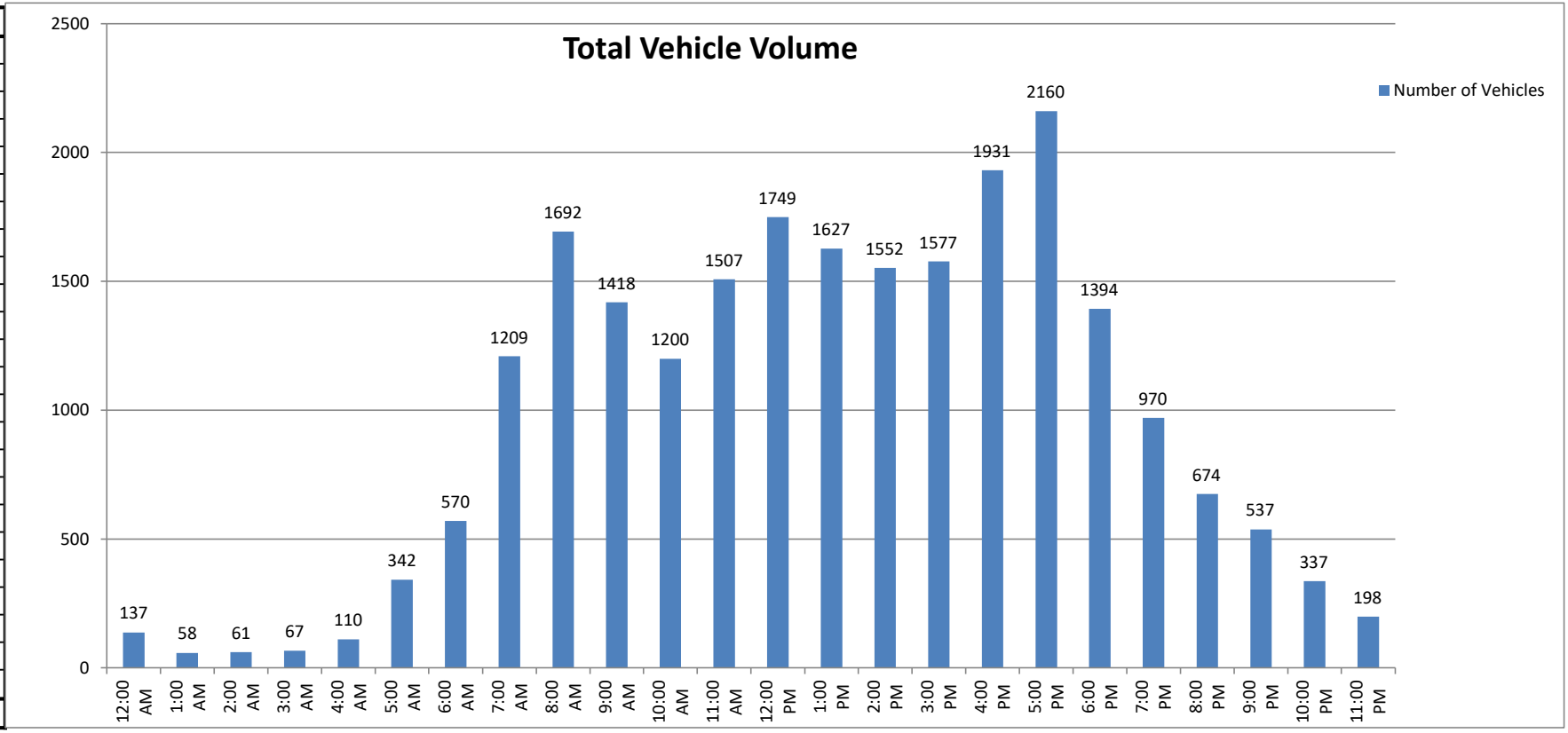
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Alton Parkway - Spectrum

2/15/2024

Start Time	2/15/2024
12:00 AM	137
1:00 AM	58
2:00 AM	61
3:00 AM	67
4:00 AM	110
5:00 AM	342
6:00 AM	570
7:00 AM	1209
8:00 AM	1692
9:00 AM	1418
10:00 AM	1200
11:00 AM	1507
12:00 PM	1749
1:00 PM	1627
2:00 PM	1552
3:00 PM	1577
4:00 PM	1931
5:00 PM	2160
6:00 PM	1394
7:00 PM	970
8:00 PM	674
9:00 PM	537
10:00 PM	337
11:00 PM	198
Total	23077



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Alton Parkway - Spectrum

File Name 183
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	217			24	218				
12:15	14	190			15	206				
12:30	16	233			17	194				
12:45	10	231	60	870	6	206	61	823	121	1693
1:00	9	238			9	192				
1:15	7	229			6	156				
1:30	10	224			7	168				
1:45	5	212	30	902	5	188	27	703	57	1605
2:00	11	185			4	172				
2:15	5	199			5	178				
2:30	16	182			8	219				
2:45	5	226	37	792	5	190	22	758	59	1550
3:00	6	188			3	186				
3:15	8	190			7	202				
3:30	10	210			7	210				
3:45	12	205	36	792	9	176	26	773	61	1565
4:00	10	259			8	211				
4:15	8	248			9	211				
4:30	20	282			19	221				
4:45	26	264	64	1053	13	253	48	895	112	1948
5:00	25	311			12	270				
5:15	37	345			29	262				
5:30	77	336			35	230				
5:45	89	240	227	1231	39	208	114	969	341	2200
6:00	72	229			39	207				
6:15	65	201			53	168				
6:30	103	168			44	160				
6:45	132	165	371	762	63	140	198	674	569	1436
7:00	127	151			82	147				
7:15	174	139			79	124				
7:30	229	108			93	98				
7:45	281	115	810	512	111	91	365	460	1174	971
8:00	280	111			113	91				
8:15	268	102			116	68				
8:30	295	109			153	59				
8:45	266	86	1108	408	122	78	504	296	1612	704
9:00	260	102			113	53				
9:15	226	90			143	58				
9:30	205	85			124	49				
9:45	191	67	881	343	108	33	487	192	1368	535
10:00	153	61			129	40				
10:15	156	62			127	29				
10:30	165	58			116	25				
10:45	173	53	646	233	150	27	522	120	1167	353
11:00	189	38			147	26				
11:15	188	31			164	14				
11:30	179	30			204	26				
11:45	177	23	732	122	190	14	704	79	1436	200
Totals	4999	8017			3076	6740				
Combined Totals		13016				9815				
ADT										22831
AM Peak Hour	745	AM			1100	AM				
Volume	1123				704					
P.H.F.	0.953				0.863					
PM Peak Hour		445	PM			445	PM			
Volume		1256				1014				
P.H.F.		0.911				0.941				
Percentage	38.4%	61.6%			31.3%	68.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Barranca Parkway - Gateway Boulevard

File Name 181
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	153			6	119				
12:15	7	148			10	137				
12:30	7	166			5	134				
12:45	9	161	37	628	4	114	25	504	62	1132
1:00	1	184			2	102				
1:15	3	188			2	85				
1:30	6	146			4	92				
1:45	3	163	13	681	2	108	10	387	23	1068
2:00	3	137			0	98				
2:15	1	131			0	93				
2:30	7	137			7	92				
2:45	4	169	15	574	2	90	9	373	24	947
3:00	1	153			0	108				
3:15	5	152			2	106				
3:30	6	149			3	98				
3:45	2	194	14	648	5	88	10	400	24	1048
4:00	2	191			5	100				
4:15	2	223			1	139				
4:30	2	286			10	147				
4:45	9	242	15	942	11	145	27	531	42	1473
5:00	15	252			4	176				
5:15	17	293			15	205				
5:30	31	266			22	155				
5:45	35	195	98	1006	23	138	64	674	162	1680
6:00	30	160			23	138				
6:15	37	154			30	117				
6:30	53	147			23	85				
6:45	86	122	206	583	33	70	109	410	315	993
7:00	89	95			43	70				
7:15	113	105			39	61				
7:30	138	73			74	52				
7:45	187	77	527	350	86	59	242	242	769	592
8:00	196	72			91	48				
8:15	203	63			80	44				
8:30	209	50			93	36				
8:45	207	46	815	231	89	32	353	160	1168	391
9:00	214	64			84	28				
9:15	180	47			63	28				
9:30	138	50			92	13				
9:45	172	40	704	201	73	24	312	93	1016	294
10:00	100	36			78	17				
10:15	108	29			68	13				
10:30	120	21			77	7				
10:45	139	22	467	108	78	7	301	44	768	152
11:00	120	13			93	6				
11:15	130	17			89	9				
11:30	142	20			128	5				
11:45	131	14	523	64	136	6	446	26	969	90
Totals	3434	6016			1908	3844				
Combined Totals		9450				5752				
ADT										15202
AM Peak Hour	815	AM			1100	AM				
Volume	833				446					
P.H.F.	0.973				0.820					
PM Peak Hour		430	PM			445	PM			
Volume		1073				681				
P.H.F.		0.916				0.830				
Percentage	36.3%	63.7%			33.2%	66.8%				

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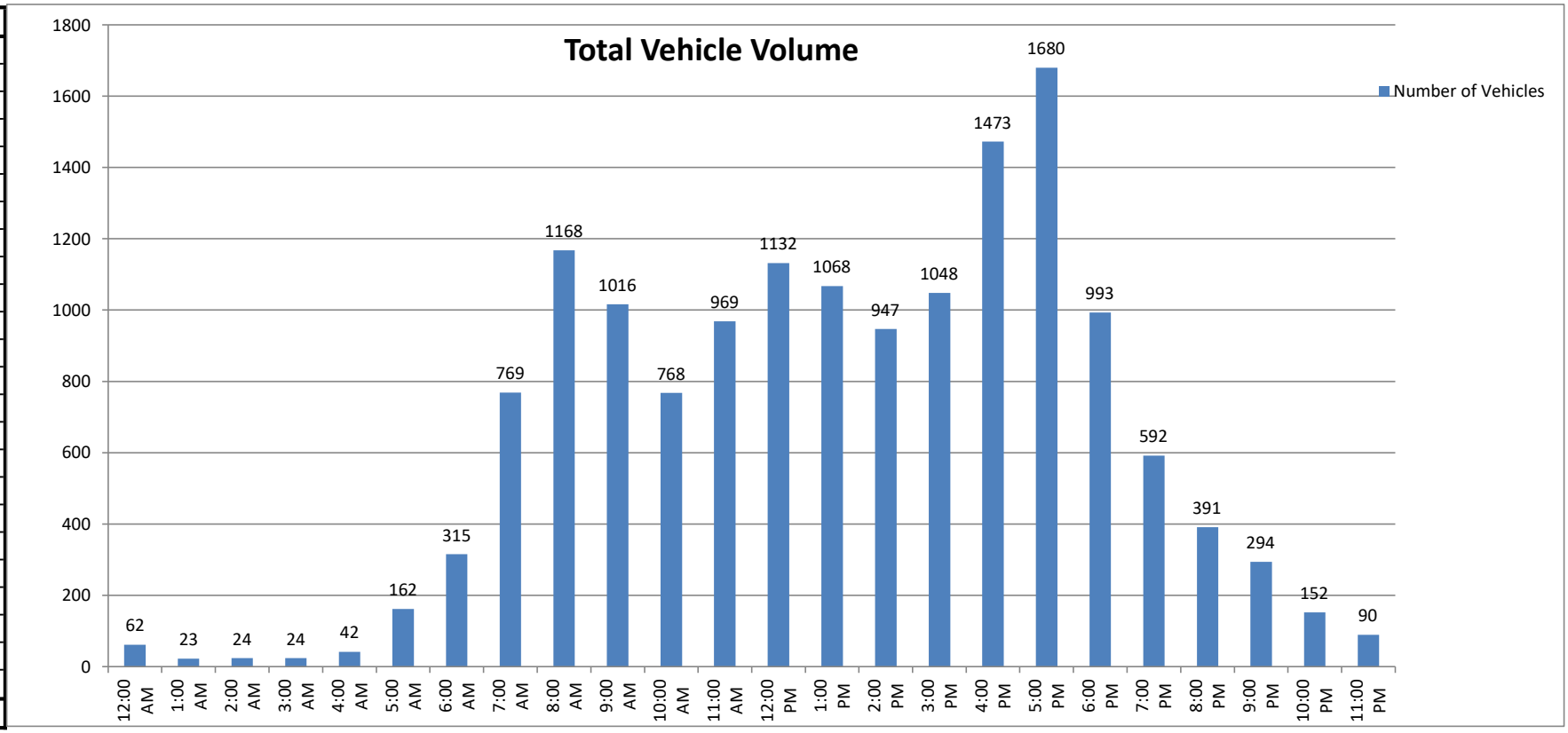
24 Hour Volume Plot

Irvine Center Drive
B/ Barranca Parkway - Gateway Boulevard
2/14/2024

Start Time	2/14/2024
12:00 AM	62
1:00 AM	23
2:00 AM	24
3:00 AM	24
4:00 AM	42
5:00 AM	162
6:00 AM	315
7:00 AM	769
8:00 AM	1168
9:00 AM	1016
10:00 AM	768
11:00 AM	969
12:00 PM	1132
1:00 PM	1068
2:00 PM	947
3:00 PM	1048
4:00 PM	1473
5:00 PM	1680
6:00 PM	993
7:00 PM	592
8:00 PM	391
9:00 PM	294
10:00 PM	152
11:00 PM	90
Total	15202



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Barranca Parkway - Gateway Boulevard

File Name 181
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	131			13	148				
12:15	12	144			3	147				
12:30	12	163			4	140				
12:45	10	178	51	616	3	123	23	558	74	1174
1:00	10	156			3	131				
1:15	9	153			0	99				
1:30	2	156			2	86				
1:45	4	180	25	645	3	74	8	390	33	1035
2:00	6	128			3	108				
2:15	7	136			7	95				
2:30	9	130			3	96				
2:45	4	157	26	551	4	101	17	400	43	951
3:00	2	148			0	96				
3:15	4	132			4	111				
3:30	7	157			3	98				
3:45	11	194	24	631	4	90	11	395	35	1026
4:00	2	234			6	114				
4:15	7	208			4	149				
4:30	5	229			13	119				
4:45	7	202	21	873	7	171	30	553	51	1426
5:00	15	263			7	186				
5:15	17	260			18	199				
5:30	23	213			17	165				
5:45	34	169	89	905	26	150	68	700	157	1605
6:00	28	170			21	128				
6:15	31	137			31	95				
6:30	63	109			25	96				
6:45	85	108	207	524	35	77	112	396	319	920
7:00	95	111			49	100				
7:15	110	76			41	67				
7:30	127	75			70	64				
7:45	204	71	536	333	121	52	281	283	817	616
8:00	183	59			93	36				
8:15	219	57			145	38				
8:30	202	47			117	33				
8:45	224	50	828	213	103	32	458	139	1286	352
9:00	202	42			109	42				
9:15	145	49			129	31				
9:30	163	43			98	27				
9:45	137	40	647	174	96	15	432	115	1079	289
10:00	116	26			106	17				
10:15	90	21			82	19				
10:30	97	29			68	14				
10:45	123	19	426	95	83	22	339	72	765	167
11:00	151	18			94	18				
11:15	121	13			109	5				
11:30	133	20			120	19				
11:45	130	10	535	61	140	8	463	50	998	111
Totals	3415	5621			2242	4051				
Combined Totals		9036				6293				
ADT										15329
AM Peak Hour	815	AM			745	AM				
Volume	847				476					
P.H.F.	0.945				0.821					
PM Peak Hour		430	PM			445	PM			
Volume		954				721				
P.H.F.		0.907				0.906				
Percentage	37.8%	62.2%			35.6%	64.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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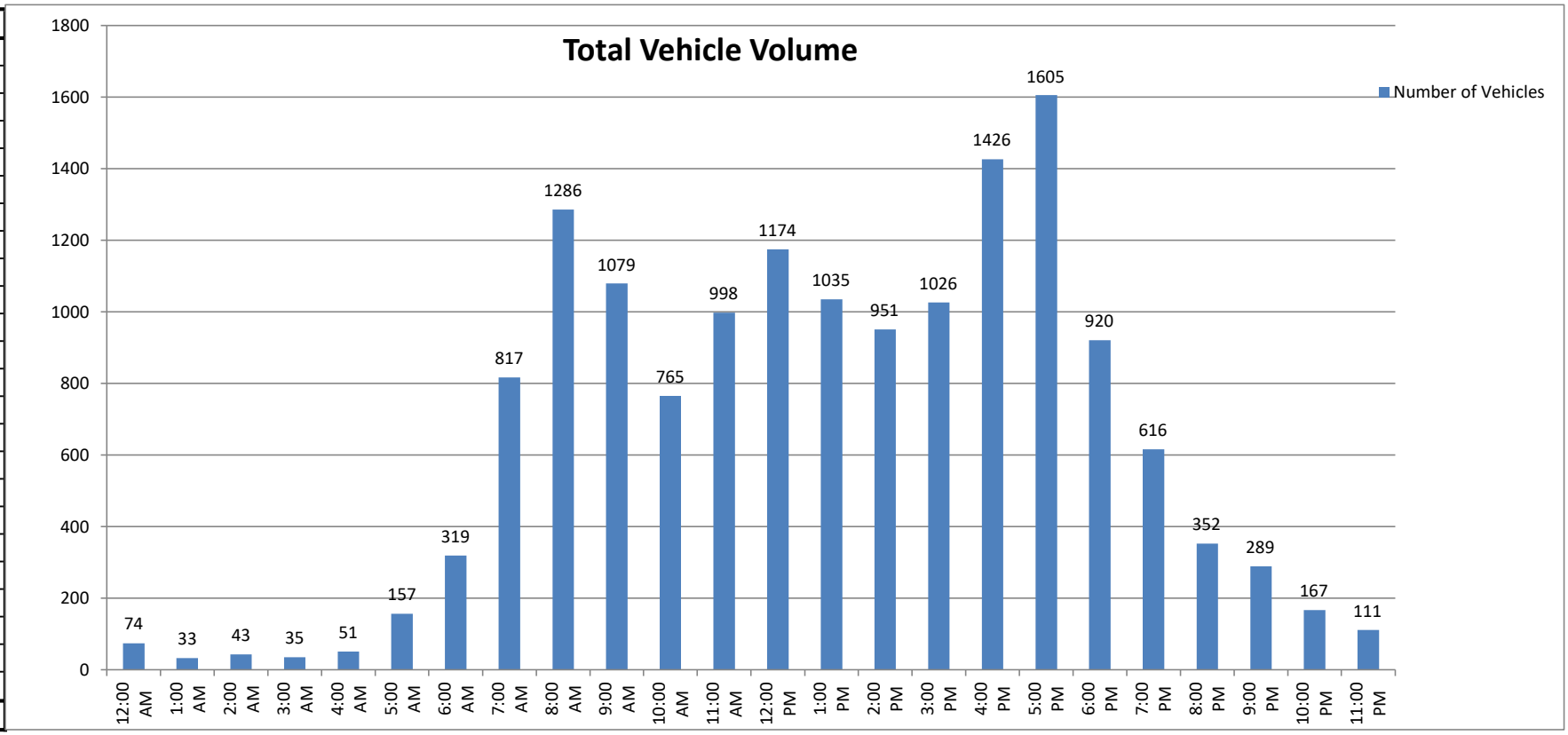
24 Hour Volume Plot

Irvine Center Drive
B/ Barranca Parkway - Gateway Boulevard
2/15/2024

Start Time	2/15/2024
12:00 AM	74
1:00 AM	33
2:00 AM	43
3:00 AM	35
4:00 AM	51
5:00 AM	157
6:00 AM	319
7:00 AM	817
8:00 AM	1286
9:00 AM	1079
10:00 AM	765
11:00 AM	998
12:00 PM	1174
1:00 PM	1035
2:00 PM	951
3:00 PM	1026
4:00 PM	1426
5:00 PM	1605
6:00 PM	920
7:00 PM	616
8:00 PM	352
9:00 PM	289
10:00 PM	167
11:00 PM	111
Total	15329



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Barranca Parkway - Gateway Boulevard

File Name 181
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	142			10	134				
12:15	10	146			7	142				
12:30	10	165			5	137				
12:45	10	170	44	622	4	119	24	531	68	1153
1:00	6	170			3	117				
1:15	6	171			1	92				
1:30	4	151			3	89				
1:45	4	172	19	663	3	91	9	389	28	1052
2:00	5	133			2	103				
2:15	4	134			4	94				
2:30	8	134			5	94				
2:45	4	163	21	563	3	96	13	387	34	949
3:00	2	151			0	102				
3:15	5	142			3	109				
3:30	7	153			3	98				
3:45	7	194	19	640	5	89	11	398	30	1037
4:00	2	213			6	107				
4:15	5	216			3	144				
4:30	4	258			12	133				
4:45	8	222	18	908	9	158	29	542	47	1450
5:00	15	258			6	181				
5:15	17	277			17	202				
5:30	27	240			20	160				
5:45	35	182	94	956	25	144	66	687	160	1643
6:00	29	165			22	133				
6:15	34	146			31	106				
6:30	58	128			24	91				
6:45	86	115	207	554	34	74	111	403	317	957
7:00	92	103			46	85				
7:15	112	91			40	64				
7:30	133	74			72	58				
7:45	196	74	532	342	104	56	262	263	793	604
8:00	190	66			92	42				
8:15	211	60			113	41				
8:30	206	49			105	35				
8:45	216	48	822	222	96	32	406	150	1227	372
9:00	208	53			97	35				
9:15	163	48			96	30				
9:30	151	47			95	20				
9:45	155	40	676	188	85	20	372	104	1048	292
10:00	108	31			92	17				
10:15	99	25			75	16				
10:30	109	25			73	11				
10:45	131	21	447	102	81	15	320	58	767	160
11:00	136	16			94	12				
11:15	126	15			99	7				
11:30	138	20			124	12				
11:45	131	12	529	63	138	7	455	38	984	101
Totals	3425	5819			2075	3948				
Combined Totals		9243				6023				
ADT										15266
AM Peak Hour	815	AM			1100	AM				
Volume	840				455					
P.H.F.	0.974				0.823					
PM Peak Hour		430	PM			445	PM			
Volume		1014				701				
P.H.F.		0.916				0.868				
Percentage	37.0%	63.0%			34.5%	65.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Charter - Barranca Parkway

File Name 180
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	156			9	150				
12:15	5	169			8	128				
12:30	1	120			8	168				
12:45	0	159	21	604	4	163	29	609	50	1213
1:00	3	131			0	161				
1:15	5	122			4	147				
1:30	4	114			7	131				
1:45	7	121	19	488	4	144	15	583	34	1071
2:00	1	144			2	124				
2:15	0	134			0	109				
2:30	8	117			7	165				
2:45	2	101	11	496	2	184	11	582	22	1078
3:00	3	139			2	136				
3:15	5	123			4	162				
3:30	7	116			8	206				
3:45	9	120	24	498	5	175	19	679	43	1177
4:00	9	157			0	228				
4:15	8	179			3	205				
4:30	22	192			2	300				
4:45	20	191	59	719	10	221	15	954	74	1673
5:00	12	278			12	284				
5:15	36	214			12	289				
5:30	40	207			20	248				
5:45	27	195	115	894	33	162	77	983	192	1877
6:00	41	187			25	170				
6:15	33	132			31	149				
6:30	40	102			45	136				
6:45	47	100	161	521	64	108	165	563	326	1084
7:00	40	108			72	90				
7:15	67	58			117	91				
7:30	113	59			147	61				
7:45	100	55	320	280	174	58	510	300	830	580
8:00	107	73			206	61				
8:15	90	36			228	51				
8:30	93	43			230	37				
8:45	110	40	400	192	229	45	893	194	1293	386
9:00	105	29			184	40				
9:15	103	32			134	41				
9:30	95	29			130	43				
9:45	93	24	396	114	140	36	588	160	984	274
10:00	90	21			90	33				
10:15	76	13			99	28				
10:30	81	13			111	15				
10:45	116	15	363	62	116	16	416	92	779	154
11:00	111	9			94	9				
11:15	113	6			116	11				
11:30	162	11			130	17				
11:45	188	11	574	37	124	15	464	52	1038	89
Totals	2463	4905			3202	5751				
Combined Totals		7368				8953				
ADT										16321
AM Peak Hour	1100	AM			800	AM				
Volume	574				893					
P.H.F.	0.763				0.971					
PM Peak Hour		500	PM			430	PM			
Volume		894				1094				
P.H.F.		0.804				0.912				
Percentage	33.4%	66.6%			35.8%	64.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

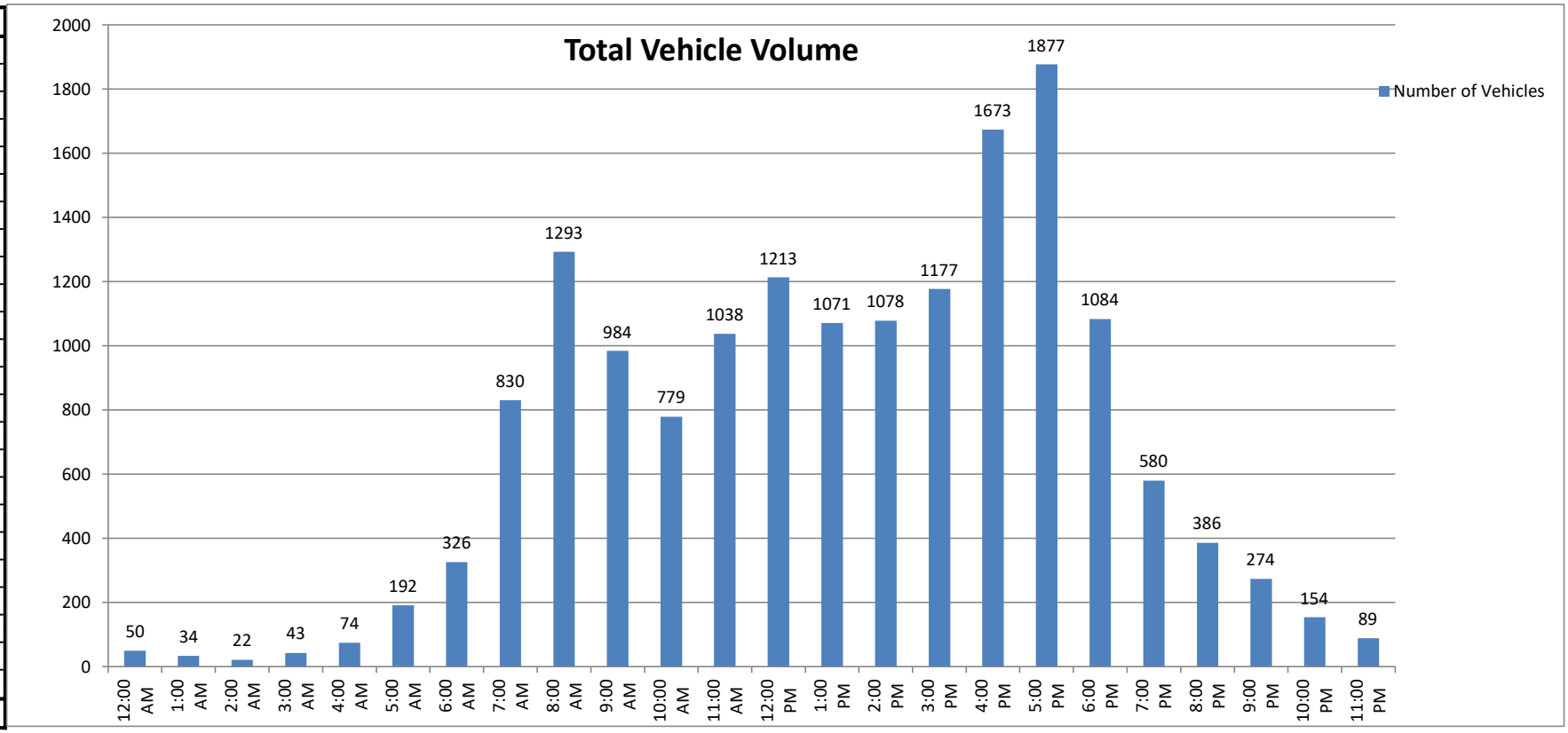
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Charter - Barranca Parkway

2/14/2024

Start Time	2/14/2024
12:00 AM	50
1:00 AM	34
2:00 AM	22
3:00 AM	43
4:00 AM	74
5:00 AM	192
6:00 AM	326
7:00 AM	830
8:00 AM	1293
9:00 AM	984
10:00 AM	779
11:00 AM	1038
12:00 PM	1213
1:00 PM	1071
2:00 PM	1078
3:00 PM	1177
4:00 PM	1673
5:00 PM	1877
6:00 PM	1084
7:00 PM	580
8:00 PM	386
9:00 PM	274
10:00 PM	154
11:00 PM	89
Total	16321



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Charter - Barranca Parkway

File Name 180
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	143			9	125				
12:15	1	183			10	130				
12:30	6	131			11	160				
12:45	4	166	21	623	8	154	38	569	59	1192
1:00	3	140			11	139				
1:15	2	107			1	144				
1:30	5	112			2	146				
1:45	4	118	14	477	4	139	18	568	32	1045
2:00	5	121			2	111				
2:15	4	142			6	138				
2:30	3	133			8	142				
2:45	5	128	17	524	2	176	18	567	35	1091
3:00	2	125			2	170				
3:15	1	140			5	129				
3:30	11	127			8	193				
3:45	10	121	24	513	7	197	22	689	46	1202
4:00	9	175			2	269				
4:15	14	171			6	194				
4:30	23	194			3	238				
4:45	19	224	65	764	10	230	21	931	86	1695
5:00	18	277			16	298				
5:15	34	226			13	277				
5:30	34	213			24	200				
5:45	40	187	126	903	32	170	85	945	211	1848
6:00	33	165			21	165				
6:15	33	129			38	121				
6:30	51	98			54	115				
6:45	50	108	167	500	88	79	201	480	368	980
7:00	46	110			79	94				
7:15	54	77			106	68				
7:30	98	73			143	53				
7:45	118	52	316	312	214	54	542	269	858	581
8:00	112	51			183	39				
8:15	131	44			226	47				
8:30	128	37			194	53				
8:45	128	51	499	183	216	54	819	193	1318	376
9:00	109	49			194	38				
9:15	131	31			150	48				
9:30	124	30			127	38				
9:45	105	18	469	128	99	26	570	150	1039	278
10:00	94	23			99	28				
10:15	91	19			91	23				
10:30	96	19			102	32				
10:45	128	16	409	77	112	21	404	104	813	181
11:00	100	13			111	12				
11:15	125	14			100	11				
11:30	143	12			125	17				
11:45	177	7	545	46	110	11	446	51	991	97
Totals	2672	5050			3184	5516				
Combined Totals		7722				8700				
ADT										16422
AM Peak Hour	1100	AM			815	AM				
Volume	545				830					
P.H.F.	0.770				0.918					
PM Peak Hour		445	PM			430	PM			
Volume		940				1043				
P.H.F.		0.848				0.875				
Percentage	34.6%	65.4%			36.6%	63.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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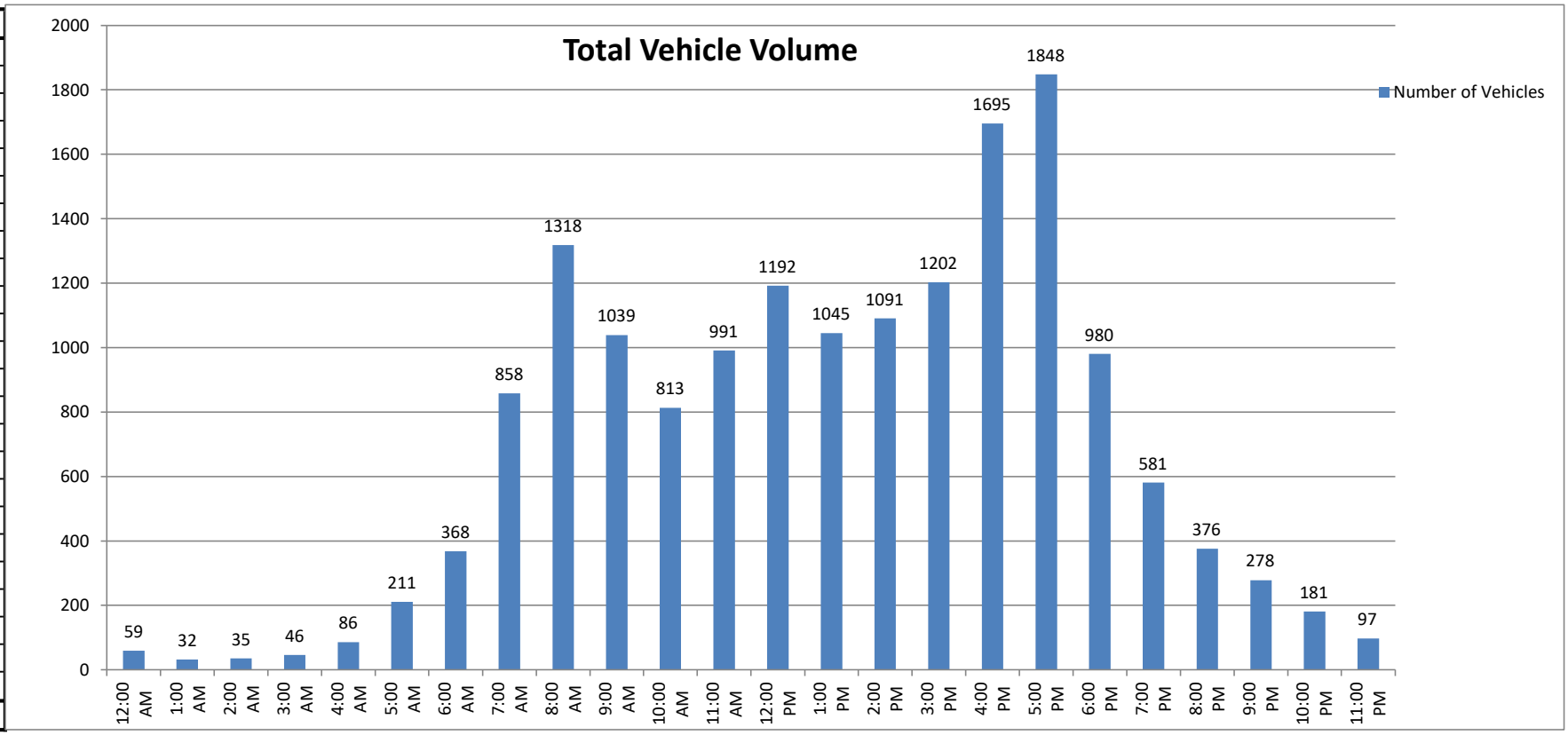
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Charter - Barranca Parkway

2/15/2024

Start Time	2/15/2024
12:00 AM	59
1:00 AM	32
2:00 AM	35
3:00 AM	46
4:00 AM	86
5:00 AM	211
6:00 AM	368
7:00 AM	858
8:00 AM	1318
9:00 AM	1039
10:00 AM	813
11:00 AM	991
12:00 PM	1192
1:00 PM	1045
2:00 PM	1091
3:00 PM	1202
4:00 PM	1695
5:00 PM	1848
6:00 PM	980
7:00 PM	581
8:00 PM	376
9:00 PM	278
10:00 PM	181
11:00 PM	97
Total	16422



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Charter - Barranca Parkway

File Name 180
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	150			9	138				
12:15	3	176			9	129				
12:30	4	126			10	164				
12:45	2	163	21	614	6	159	34	589	55	1203
1:00	3	136			6	150				
1:15	4	115			3	146				
1:30	5	113			5	139				
1:45	6	120	17	483	4	142	17	576	33	1058
2:00	3	133			2	118				
2:15	2	138			3	124				
2:30	6	125			8	154				
2:45	4	115	14	510	2	180	15	575	29	1085
3:00	3	132			2	153				
3:15	3	132			5	146				
3:30	9	122			8	200				
3:45	10	121	24	506	6	186	21	684	45	1190
4:00	9	166			1	249				
4:15	11	175			5	200				
4:30	23	193			3	269				
4:45	20	208	62	742	10	226	18	943	80	1684
5:00	15	278			14	291				
5:15	35	220			13	283				
5:30	37	210			22	224				
5:45	34	191	121	899	33	166	81	964	202	1863
6:00	37	176			23	168				
6:15	33	131			35	135				
6:30	46	100			50	126				
6:45	49	104	164	511	76	94	183	522	347	1032
7:00	43	109			76	92				
7:15	61	68			112	80				
7:30	106	66			145	57				
7:45	109	54	318	296	194	56	526	285	844	581
8:00	110	62			195	50				
8:15	111	40			227	49				
8:30	111	40			212	45				
8:45	119	46	450	188	223	50	856	194	1306	381
9:00	107	39			189	39				
9:15	117	32			142	45				
9:30	110	30			129	41				
9:45	99	21	433	121	120	31	579	155	1012	276
10:00	92	22			95	31				
10:15	84	16			95	26				
10:30	89	16			107	24				
10:45	122	16	386	70	114	19	410	98	796	168
11:00	106	11			103	11				
11:15	119	10			108	11				
11:30	153	12			128	17				
11:45	183	9	560	42	117	13	455	52	1015	93
Totals	2568	4978			3193	5634				
Combined Totals		7545				8827				
ADT										16372
AM Peak Hour	1100	AM			800	AM				
Volume	560				856					
P.H.F.	0.766				0.943					
PM Peak Hour		445	PM			430	PM			
Volume		915				1069				
P.H.F.		0.824				0.918				
Percentage	34.0%	66.0%			36.2%	63.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Irvine Center Drive
B/ Culver Drive - Deerwood

File Name 168
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	140			21	188				
12:15	14	165			18	201				
12:30	10	165			9	215				
12:45	7	201	49	671	10	229	58	833	107	1504
1:00	10	172			10	198				
1:15	6	206			6	215				
1:30	8	177			9	211				
1:45	3	192	27	747	12	242	37	866	64	1613
2:00	6	170			3	248				
2:15	4	178			5	234				
2:30	6	199			7	308				
2:45	3	219	19	766	8	334	23	1124	42	1890
3:00	4	199			5	433				
3:15	2	185			1	358				
3:30	4	214			6	362				
3:45	9	213	19	811	7	392	19	1545	38	2356
4:00	9	282			3	403				
4:15	23	243			5	459				
4:30	43	306			14	384				
4:45	40	274	115	1105	16	441	38	1687	153	2792
5:00	34	343			23	365				
5:15	57	351			29	404				
5:30	60	380			34	429				
5:45	65	324	216	1398	45	412	131	1610	347	3008
6:00	55	329			52	360				
6:15	62	276			66	372				
6:30	84	262			81	343				
6:45	103	229	304	1096	76	333	275	1408	579	2504
7:00	98	149			87	235				
7:15	133	164			152	223				
7:30	139	115			193	159				
7:45	239	122	609	550	242	88	674	705	1283	1255
8:00	208	98			209	115				
8:15	239	110			290	112				
8:30	201	94			202	112				
8:45	283	95	931	397	253	88	954	427	1885	824
9:00	190	88			206	79				
9:15	172	78			172	75				
9:30	175	74			160	60				
9:45	143	55	680	295	164	67	702	281	1382	576
10:00	121	59			160	61				
10:15	118	55			151	47				
10:30	147	50			165	42				
10:45	180	34	566	198	173	33	649	183	1215	381
11:00	132	27			192	23				
11:15	158	31			185	26				
11:30	164	23			186	17				
11:45	154	16	608	97	174	21	737	87	1345	184
Totals	4143	8131			4297	10756				
Combined Totals		12274				15053				
ADT										27327
AM Peak Hour	800	AM			800	AM				
Volume	931				954					
P.H.F.	0.822				0.822					
PM Peak Hour		500	PM			400	PM			
Volume		1398				1687				
P.H.F.		0.920				0.919				
Percentage	33.8%	66.2%			28.5%	71.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

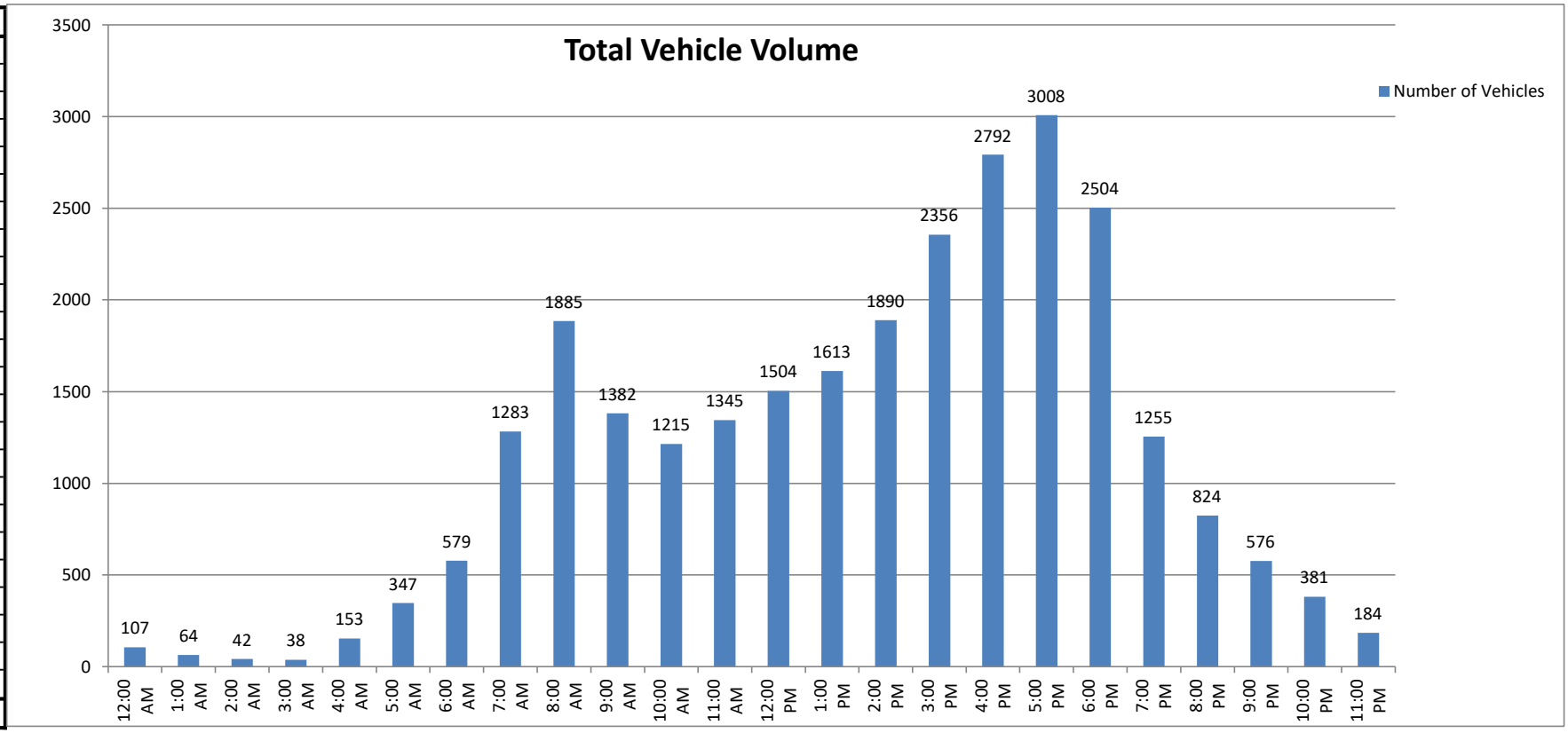
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Culver Drive - Deerwood

2/14/2024

Start Time	2/14/2024
12:00 AM	107
1:00 AM	64
2:00 AM	42
3:00 AM	38
4:00 AM	153
5:00 AM	347
6:00 AM	579
7:00 AM	1283
8:00 AM	1885
9:00 AM	1382
10:00 AM	1215
11:00 AM	1345
12:00 PM	1504
1:00 PM	1613
2:00 PM	1890
3:00 PM	2356
4:00 PM	2792
5:00 PM	3008
6:00 PM	2504
7:00 PM	1255
8:00 PM	824
9:00 PM	576
10:00 PM	381
11:00 PM	184
Total	27327



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Culver Drive - Deerwood

File Name 168
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	157			20	219				
12:15	14	193			13	191				
12:30	15	153			23	210				
12:45	10	170	57	673	12	214	68	834	125	1507
1:00	7	157			11	178				
1:15	12	166			9	185				
1:30	5	165			7	224				
1:45	6	157	30	645	4	250	31	837	61	1482
2:00	6	161			3	209				
2:15	3	174			5	231				
2:30	5	214			15	334				
2:45	7	206	21	755	6	330	29	1104	50	1859
3:00	3	200			2	435				
3:15	6	202			5	413				
3:30	7	201			8	374				
3:45	13	208	29	811	5	402	20	1624	49	2435
4:00	14	195			5	414				
4:15	20	223			7	474				
4:30	42	289			11	419				
4:45	44	298	120	1005	13	419	36	1726	156	2731
5:00	34	311			16	382				
5:15	55	310			24	480				
5:30	75	378			39	373				
5:45	51	263	215	1262	45	411	124	1646	339	2908
6:00	59	287			45	368				
6:15	61	205			64	420				
6:30	73	198			71	291				
6:45	121	223	314	913	75	259	255	1338	569	2251
7:00	94	163			98	220				
7:15	106	151			140	162				
7:30	152	139			207	122				
7:45	224	129	576	582	265	131	710	635	1286	1217
8:00	203	107			244	105				
8:15	236	103			312	109				
8:30	232	100			336	78				
8:45	264	116	935	426	284	102	1176	394	2111	820
9:00	194	77			239	88				
9:15	207	82			157	69				
9:30	172	81			129	71				
9:45	149	57	722	297	159	48	684	276	1406	573
10:00	123	67			137	49				
10:15	142	46			164	53				
10:30	149	42			159	39				
10:45	179	44	593	199	180	36	640	177	1233	376
11:00	134	36			184	25				
11:15	170	27			162	15				
11:30	170	17			175	21				
11:45	164	17	638	97	175	20	696	81	1334	178
Totals	4250	7665			4469	10672				
Combined Totals		11915				15141				
ADT										27056
AM Peak Hour	800	AM			800	AM				
Volume	935				1176					
P.H.F.	0.885				0.875					
PM Peak Hour		445	PM			400	PM			
Volume		1297				1726				
P.H.F.		0.858				0.910				
Percentage	35.7%	64.3%			29.5%	70.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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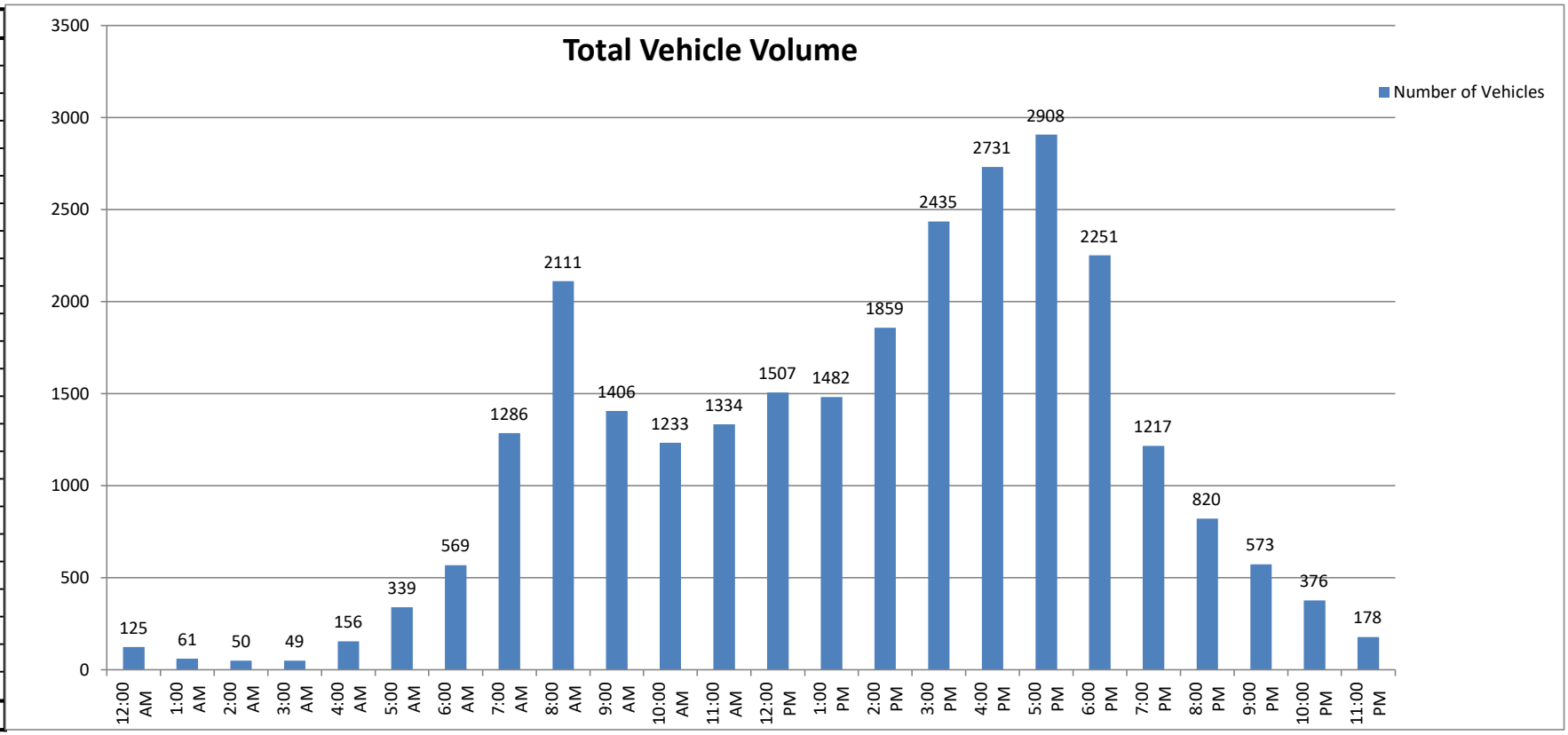
24 Hour Volume Plot

Irvine Center Drive
B/ Culver Drive - Deerwood

2/15/2024

Start Time	2/15/2024
12:00 AM	125
1:00 AM	61
2:00 AM	50
3:00 AM	49
4:00 AM	156
5:00 AM	339
6:00 AM	569
7:00 AM	1286
8:00 AM	2111
9:00 AM	1406
10:00 AM	1233
11:00 AM	1334
12:00 PM	1507
1:00 PM	1482
2:00 PM	1859
3:00 PM	2435
4:00 PM	2731
5:00 PM	2908
6:00 PM	2251
7:00 PM	1217
8:00 PM	820
9:00 PM	573
10:00 PM	376
11:00 PM	178
Total	27056



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Culver Drive - Deerwood

File Name 168
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	149			21	204				
12:15	14	179			16	196				
12:30	13	159			16	213				
12:45	9	186	53	672	11	222	63	834	116	1506
1:00	9	165			11	188				
1:15	9	186			8	200				
1:30	7	171			8	218				
1:45	5	175	29	696	8	246	34	852	63	1548
2:00	6	166			3	229				
2:15	4	176			5	233				
2:30	6	207			11	321				
2:45	5	213	20	761	7	332	26	1114	46	1875
3:00	4	200			4	434				
3:15	4	194			3	386				
3:30	6	208			7	368				
3:45	11	211	24	811	6	397	20	1585	44	2396
4:00	12	239			4	409				
4:15	22	233			6	467				
4:30	43	298			13	402				
4:45	42	286	118	1055	15	430	37	1707	155	2762
5:00	34	327			20	374				
5:15	56	331			27	442				
5:30	68	379			37	401				
5:45	58	294	216	1330	45	412	128	1628	343	2958
6:00	57	308			49	364				
6:15	62	241			65	396				
6:30	79	230			76	317				
6:45	112	226	309	1005	76	296	265	1373	574	2378
7:00	96	156			93	228				
7:15	120	158			146	193				
7:30	146	127			200	141				
7:45	232	126	593	566	254	110	692	670	1285	1236
8:00	206	103			227	110				
8:15	238	107			301	111				
8:30	217	97			269	95				
8:45	274	106	933	412	269	95	1065	411	1998	822
9:00	192	83			223	84				
9:15	190	80			165	72				
9:30	174	78			145	66				
9:45	146	56	701	296	162	58	693	279	1394	575
10:00	122	63			149	55				
10:15	130	51			158	50				
10:30	148	46			162	41				
10:45	180	39	580	199	177	35	645	180	1224	379
11:00	133	32			188	24				
11:15	164	29			174	21				
11:30	167	20			181	19				
11:45	159	17	623	97	175	21	717	84	1340	181
Totals	4197	7898			4383	10714				
Combined Totals		12095				15097				
ADT										27192
AM Peak Hour	800 AM				800 AM					
Volume	933				1065					
P.H.F.	0.853				0.885					
PM Peak Hour		500 PM				400 PM				
Volume		1330				1707				
P.H.F.		0.877				0.915				
Percentage	34.7%	65.3%			29.0%	71.0%				

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City of Irvine
Irvine Center Drive
B/ Deerwood - Yale Avenue

File Name 169
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	145			20	178				
12:15	14	150			17	189				
12:30	7	166			9	203				
12:45	8	182	44	643	13	223	59	793	103	1436
1:00	9	170			10	202				
1:15	4	198			6	225				
1:30	6	177			9	206				
1:45	5	213	24	758	11	217	36	850	60	1608
2:00	3	163			2	243				
2:15	5	168			5	234				
2:30	4	177			7	298				
2:45	4	199	16	707	8	350	22	1125	38	1832
3:00	4	185			4	403				
3:15	2	177			2	355				
3:30	4	192			5	362				
3:45	7	221	17	775	6	381	17	1501	34	2276
4:00	9	244			3	414				
4:15	16	260			5	481				
4:30	48	259			10	458				
4:45	42	309	115	1072	16	427	34	1780	149	2852
5:00	30	280			21	376				
5:15	55	377			27	428				
5:30	63	315			23	446				
5:45	53	367	201	1339	47	416	118	1666	319	3005
6:00	63	292			50	375				
6:15	60	300			58	377				
6:30	79	230			71	323				
6:45	103	239	305	1061	76	326	255	1401	560	2462
7:00	96	144			76	234				
7:15	127	143			137	211				
7:30	143	110			183	143				
7:45	232	117	598	514	243	86	639	674	1237	1188
8:00	211	89			198	110				
8:15	223	109			273	108				
8:30	181	89			191	115				
8:45	271	90	886	377	220	76	882	409	1768	786
9:00	187	82			189	74				
9:15	180	70			165	77				
9:30	154	63			146	54				
9:45	146	52	667	267	153	67	653	272	1320	539
10:00	110	51			153	59				
10:15	133	43			142	43				
10:30	132	48			165	41				
10:45	178	32	553	174	169	32	629	175	1182	349
11:00	125	21			194	20				
11:15	134	32			178	25				
11:30	170	21			175	17				
11:45	147	16	576	90	166	22	713	84	1289	174
Totals	4002	7777			4057	10730				
Combined Totals		11779				14787				
ADT										26566
AM Peak Hour	800	AM			745	AM				
Volume	886				905					
P.H.F.	0.817				0.829					
PM Peak Hour		515	PM			400	PM			
Volume		1351				1780				
P.H.F.		0.896				0.925				
Percentage	34.0%	66.0%			27.4%	72.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

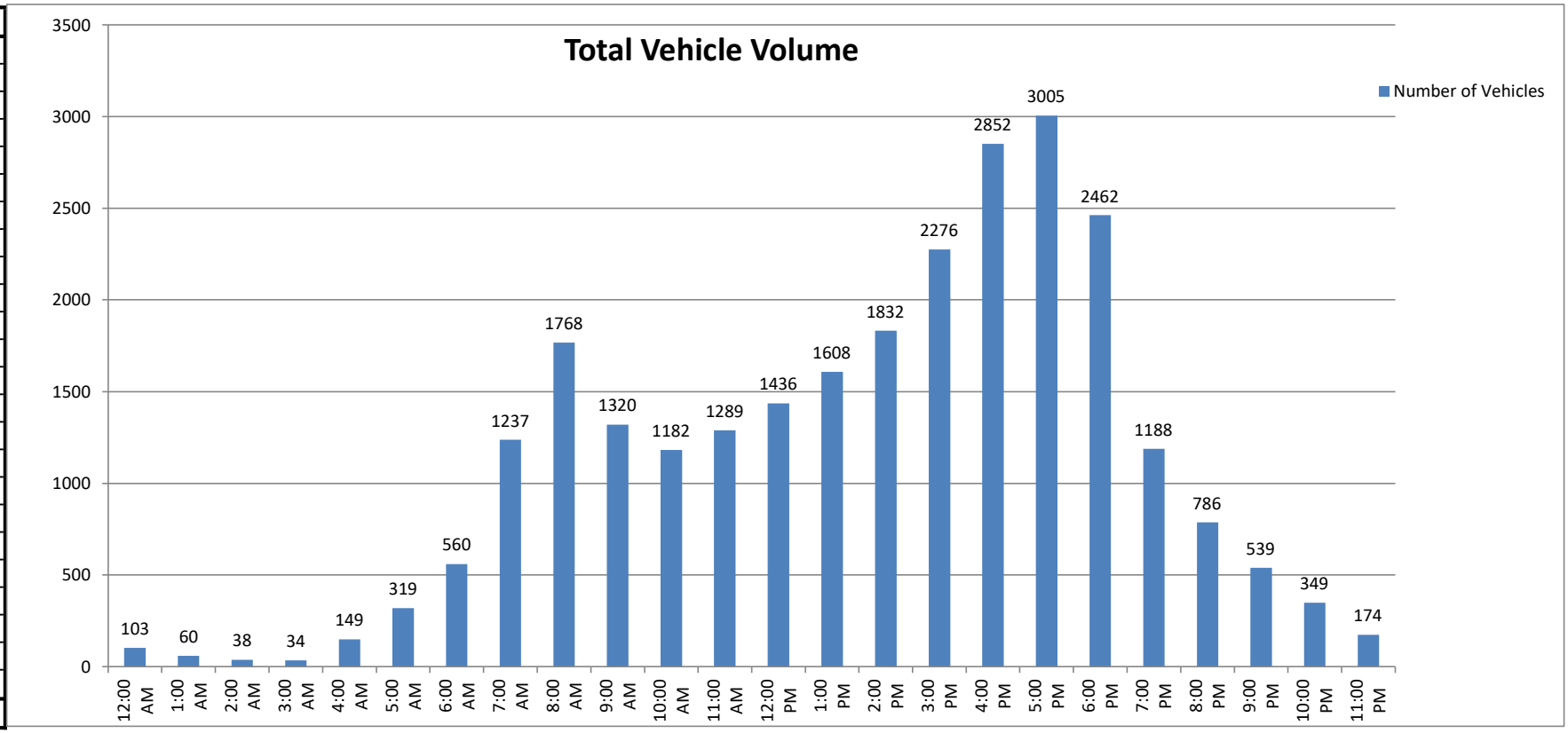
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Deerwood - Yale Avenue

2/14/2024

Start Time	2/14/2024
12:00 AM	103
1:00 AM	60
2:00 AM	38
3:00 AM	34
4:00 AM	149
5:00 AM	319
6:00 AM	560
7:00 AM	1237
8:00 AM	1768
9:00 AM	1320
10:00 AM	1182
11:00 AM	1289
12:00 PM	1436
1:00 PM	1608
2:00 PM	1832
3:00 PM	2276
4:00 PM	2852
5:00 PM	3005
6:00 PM	2462
7:00 PM	1188
8:00 PM	786
9:00 PM	539
10:00 PM	349
11:00 PM	174
Total	26566



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Deerwood - Yale Avenue

File Name 169
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	143			17	210				
12:15	16	181			14	189				
12:30	14	159			24	200				
12:45	11	159	54	642	11	203	66	802	120	1444
1:00	6	161			10	179				
1:15	9	162			8	181				
1:30	4	154			7	212				
1:45	6	162	25	639	4	227	29	799	54	1438
2:00	5	139			3	230				
2:15	3	163			5	241				
2:30	4	203			14	322				
2:45	5	191	17	696	6	338	28	1131	45	1827
3:00	5	187			2	395				
3:15	6	198			6	403				
3:30	8	178			8	367				
3:45	12	207	31	770	5	386	21	1551	52	2321
4:00	11	179			3	405				
4:15	21	229			7	474				
4:30	39	261			9	467				
4:45	48	303	119	972	12	396	31	1742	150	2714
5:00	37	264			15	371				
5:15	48	315			23	502				
5:30	74	330			37	412				
5:45	56	291	215	1200	41	370	116	1655	331	2855
6:00	59	255			41	383				
6:15	61	219			59	413				
6:30	73	163			61	297				
6:45	115	221	308	858	71	255	232	1348	540	2206
7:00	92	150			84	215				
7:15	118	154			133	148				
7:30	137	123			183	110				
7:45	234	121	581	548	265	131	665	604	1246	1152
8:00	212	94			239	108				
8:15	220	104			303	106				
8:30	234	96			311	74				
8:45	244	100	910	394	251	104	1104	392	2014	786
9:00	178	86			204	81				
9:15	208	79			162	67				
9:30	158	69			117	67				
9:45	151	50	695	284	150	45	633	260	1328	544
10:00	116	63			124	44				
10:15	148	43			161	50				
10:30	136	39			154	44				
10:45	187	38	587	183	179	33	618	171	1205	354
11:00	122	29			178	24				
11:15	167	29			156	26				
11:30	184	13			169	20				
11:45	151	19	624	90	165	19	668	89	1292	179
Totals	4166	7276			4211	10544				
Combined Totals		11442				14755				
ADT										26197
AM Peak Hour	800	AM			745	AM				
Volume	910				1118					
P.H.F.	0.932				0.899					
PM Peak Hour		445	PM			400	PM			
Volume		1212				1742				
P.H.F.		0.918				0.919				
Percentage	36.4%	63.6%			28.5%	71.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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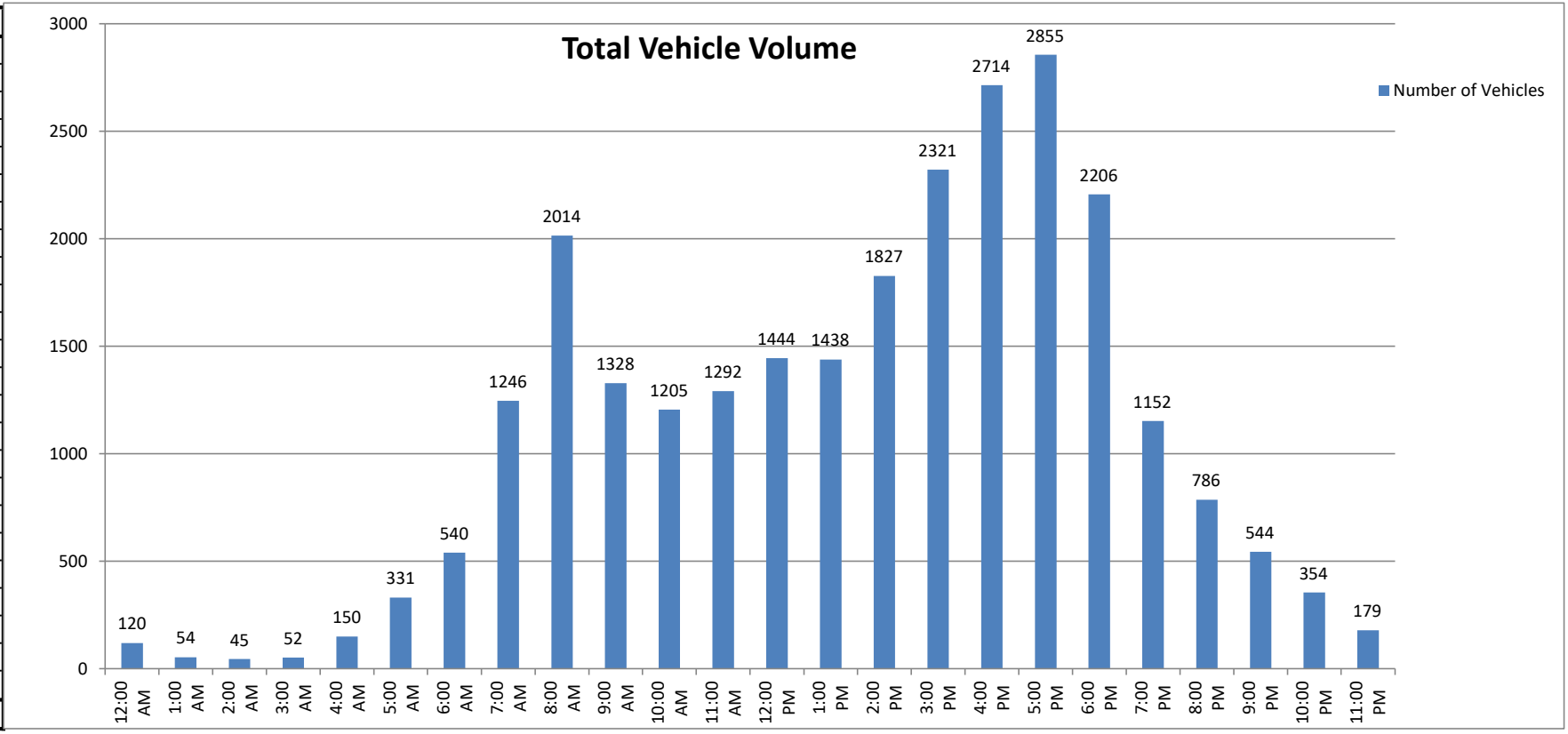
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Deerwood - Yale Avenue

2/15/2024

Start Time	2/15/2024
12:00 AM	120
1:00 AM	54
2:00 AM	45
3:00 AM	52
4:00 AM	150
5:00 AM	331
6:00 AM	540
7:00 AM	1246
8:00 AM	2014
9:00 AM	1328
10:00 AM	1205
11:00 AM	1292
12:00 PM	1444
1:00 PM	1438
2:00 PM	1827
3:00 PM	2321
4:00 PM	2714
5:00 PM	2855
6:00 PM	2206
7:00 PM	1152
8:00 PM	786
9:00 PM	544
10:00 PM	354
11:00 PM	179
Total	26197



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Deerwood - Yale Avenue

File Name 169
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	144			19	194				
12:15	15	166			16	189				
12:30	11	163			17	202				
12:45	10	171	49	643	12	213	63	798	112	1440
1:00	8	166			10	191				
1:15	7	180			7	203				
1:30	5	166			8	209				
1:45	6	188	25	699	8	222	33	825	57	1523
2:00	4	151			3	237				
2:15	4	166			5	238				
2:30	4	190			11	310				
2:45	5	195	17	702	7	344	25	1128	42	1830
3:00	5	186			3	399				
3:15	4	188			4	379				
3:30	6	185			7	365				
3:45	10	214	24	773	6	384	19	1526	43	2299
4:00	10	212			3	410				
4:15	19	245			6	478				
4:30	44	260			10	463				
4:45	45	306	117	1022	14	412	33	1761	150	2783
5:00	34	272			18	374				
5:15	52	346			25	465				
5:30	69	323			30	429				
5:45	55	329	208	1270	44	393	117	1661	325	2930
6:00	61	274			46	379				
6:15	61	260			59	395				
6:30	76	197			66	310				
6:45	109	230	307	960	74	291	244	1375	550	2334
7:00	94	147			80	225				
7:15	123	149			135	180				
7:30	140	117			183	127				
7:45	233	119	590	531	254	109	652	639	1242	1170
8:00	212	92			219	109				
8:15	222	107			288	107				
8:30	208	93			251	95				
8:45	258	95	898	386	236	90	993	401	1891	786
9:00	183	84			197	78				
9:15	194	75			164	72				
9:30	156	66			132	61				
9:45	149	51	681	276	152	56	643	266	1324	542
10:00	113	57			139	52				
10:15	141	43			152	47				
10:30	134	44			160	43				
10:45	183	35	570	179	174	33	624	173	1194	352
11:00	124	25			186	22				
11:15	151	31			167	26				
11:30	177	17			172	19				
11:45	149	18	600	90	166	21	691	87	1291	177
Totals	4084	7527			4134	10637				
Combined Totals		11611				14771				
ADT										26382
AM Peak Hour	800	AM			745	AM				
Volume	898				1012					
P.H.F.	0.872				0.878					
PM Peak Hour		515	PM			400	PM			
Volume		1271				1761				
P.H.F.		0.918				0.922				
Percentage	35.2%	64.8%			28.0%	72.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Irvine Center Drive
B/ Discovery - Charter

File Name 179
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	127			17	120				
12:15	6	154			10	139				
12:30	5	129			7	146				
12:45	0	133	19	543	5	163	39	568	58	1111
1:00	2	148			1	129				
1:15	3	121			5	140				
1:30	3	92			9	122				
1:45	6	128	14	489	4	137	19	528	33	1017
2:00	1	138			3	120				
2:15	0	120			0	111				
2:30	8	99			5	158				
2:45	2	97	11	454	4	171	12	560	23	1014
3:00	3	114			0	131				
3:15	3	115			4	133				
3:30	8	117			8	183				
3:45	10	107	24	453	5	190	17	637	41	1090
4:00	8	123			2	203				
4:15	6	148			2	210				
4:30	24	163			2	272				
4:45	21	169	59	603	8	253	14	938	73	1541
5:00	10	234			11	258				
5:15	38	200			12	304				
5:30	37	180			19	268				
5:45	28	189	113	803	31	171	73	1001	186	1804
6:00	32	184			23	162				
6:15	42	126			26	149				
6:30	37	100			36	130				
6:45	57	98	168	508	58	130	143	571	311	1079
7:00	41	95			56	71				
7:15	51	58			95	102				
7:30	98	51			101	58				
7:45	132	56	322	260	144	65	396	296	718	556
8:00	91	66			148	55				
8:15	105	41			182	58				
8:30	99	40			183	38				
8:45	115	39	410	186	212	43	725	194	1135	380
9:00	104	28			146	48				
9:15	101	37			143	40				
9:30	109	28			99	42				
9:45	90	25	404	118	115	29	503	159	907	277
10:00	97	17			83	37				
10:15	76	15			86	27				
10:30	78	6			92	17				
10:45	101	14	352	52	118	18	379	99	731	151
11:00	101	14			91	8				
11:15	107	7			93	10				
11:30	143	11			122	19				
11:45	181	10	532	42	120	15	426	52	958	94
Totals	2428	4511			2746	5603				
Combined Totals		6939				8349				
ADT										15288
AM Peak Hour	1100	AM			800	AM				
Volume	532				725					
P.H.F.	0.735				0.855					
PM Peak Hour		500	PM			430	PM			
Volume		803				1087				
P.H.F.		0.858				0.894				
Percentage	35.0%	65.0%			32.9%	67.1%				

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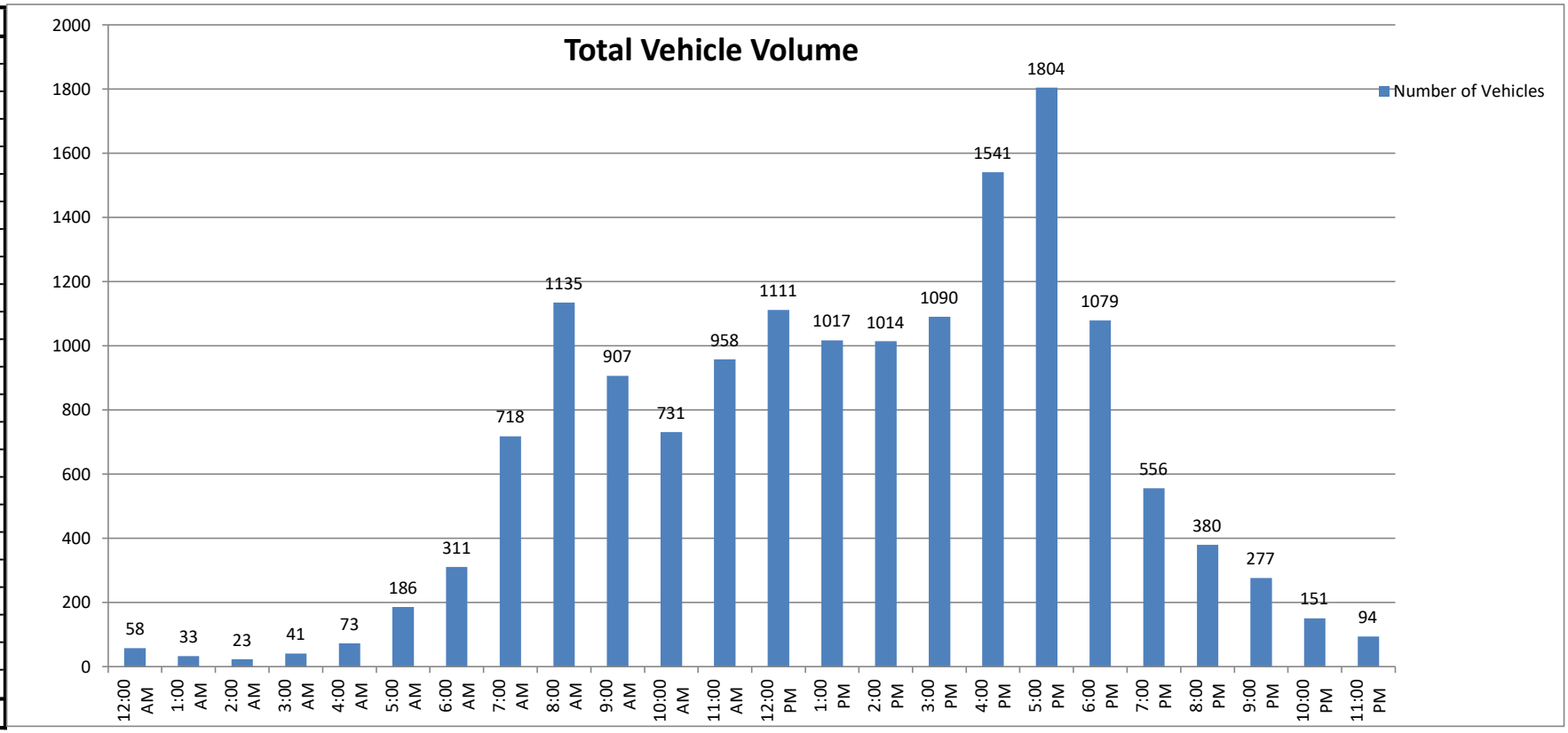
24 Hour Volume Plot

Irvine Center Drive
B/ Discovery - Charter
2/14/2024

Start Time	2/14/2024
12:00 AM	58
1:00 AM	33
2:00 AM	23
3:00 AM	41
4:00 AM	73
5:00 AM	186
6:00 AM	311
7:00 AM	718
8:00 AM	1135
9:00 AM	907
10:00 AM	731
11:00 AM	958
12:00 PM	1111
1:00 PM	1017
2:00 PM	1014
3:00 PM	1090
4:00 PM	1541
5:00 PM	1804
6:00 PM	1079
7:00 PM	556
8:00 PM	380
9:00 PM	277
10:00 PM	151
11:00 PM	94
Total	15288



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Discovery - Charter

File Name 179
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	142			9	113				
12:15	2	177			11	133				
12:30	4	122			11	126				
12:45	4	135	18	576	7	167	38	539	56	1115
1:00	4	162			8	129				
1:15	1	104			6	120				
1:30	4	107			3	136				
1:45	4	105	13	478	4	129	21	514	34	992
2:00	2	115			3	115				
2:15	5	125			6	122				
2:30	3	122			7	132				
2:45	5	125	15	487	3	178	19	547	34	1034
3:00	2	130			1	162				
3:15	0	131			3	138				
3:30	11	123			10	158				
3:45	11	102	24	486	9	193	23	651	47	1137
4:00	10	158			2	250				
4:15	9	151			6	202				
4:30	26	153			3	236				
4:45	21	195	66	657	11	232	22	920	88	1577
5:00	18	228			12	274				
5:15	35	199			12	290				
5:30	31	210			19	210				
5:45	34	161	118	798	33	151	76	925	194	1723
6:00	31	175			21	177				
6:15	46	123			21	125				
6:30	44	92			52	98				
6:45	56	95	177	485	70	93	164	493	341	978
7:00	45	88			78	93				
7:15	59	69			84	70				
7:30	93	77			107	56				
7:45	133	53	330	287	170	55	439	274	769	561
8:00	94	45			152	34				
8:15	150	41			199	48				
8:30	128	35			163	48				
8:45	128	41	500	162	175	50	689	180	1189	342
9:00	116	41			179	34				
9:15	122	41			140	54				
9:30	134	22			90	40				
9:45	108	21	480	125	92	30	501	158	981	283
10:00	93	21			80	30				
10:15	87	20			78	23				
10:30	83	17			83	33				
10:45	115	20	378	78	77	21	318	107	696	185
11:00	115	12			131	16				
11:15	102	6			86	11				
11:30	133	15			114	17				
11:45	156	8	506	41	107	4	438	48	944	89
Totals	2625	4660			2748	5356				
Combined Totals		7285				8104				
ADT										15389
AM Peak Hour	815	AM			815	AM				
Volume	522				716					
P.H.F.	0.870				0.899					
PM Peak Hour		445	PM			430	PM			
Volume		832				1032				
P.H.F.		0.912				0.890				
Percentage	36.0%	64.0%			33.9%	66.1%				

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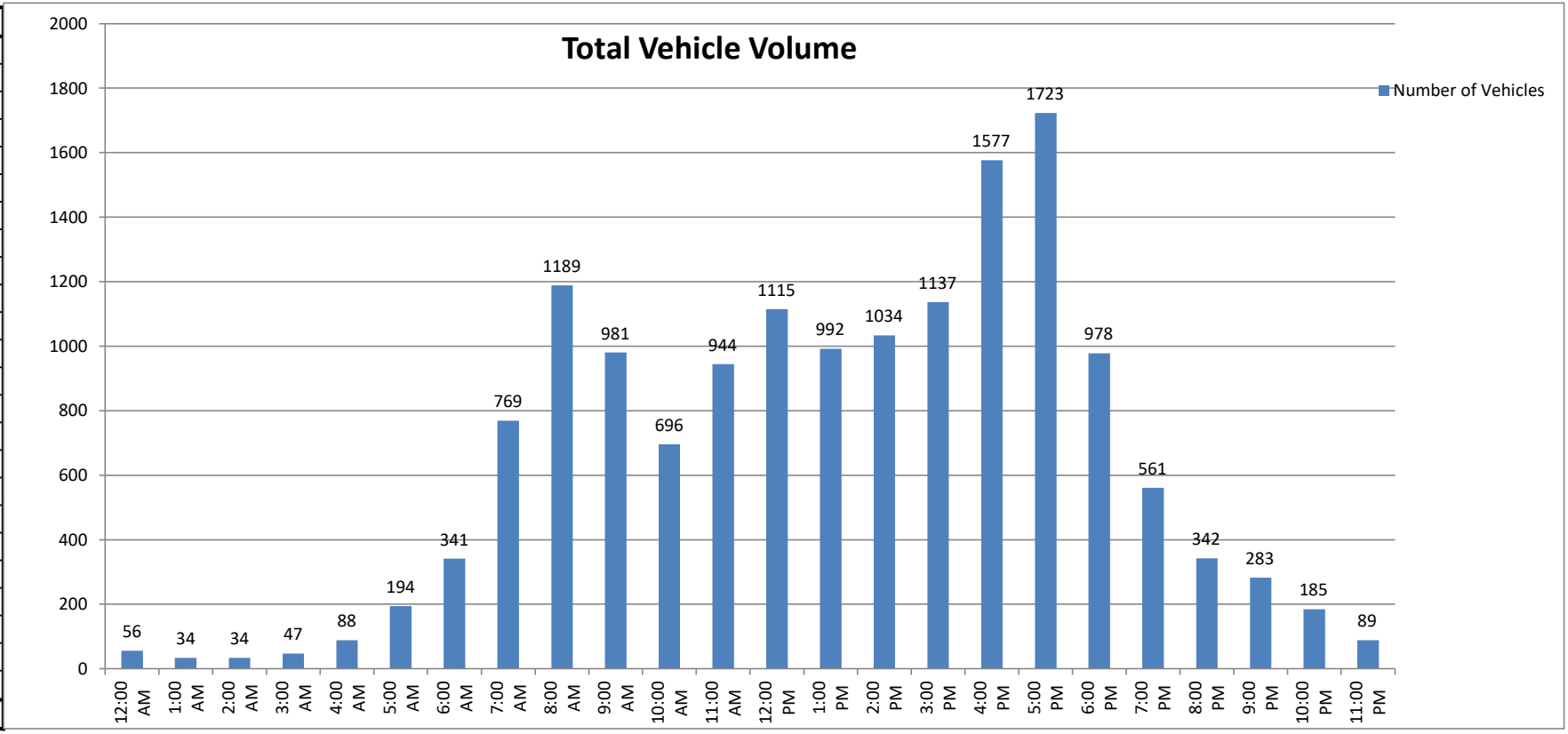
24 Hour Volume Plot

Irvine Center Drive
B/ Discovery - Charter
2/15/2024

Start Time	2/15/2024
12:00 AM	56
1:00 AM	34
2:00 AM	34
3:00 AM	47
4:00 AM	88
5:00 AM	194
6:00 AM	341
7:00 AM	769
8:00 AM	1189
9:00 AM	981
10:00 AM	696
11:00 AM	944
12:00 PM	1115
1:00 PM	992
2:00 PM	1034
3:00 PM	1137
4:00 PM	1577
5:00 PM	1723
6:00 PM	978
7:00 PM	561
8:00 PM	342
9:00 PM	283
10:00 PM	185
11:00 PM	89
Total	15389



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Discovery - Charter

File Name 179
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	135			13	117				
12:15	4	166			11	136				
12:30	5	126			9	136				
12:45	2	134	19	560	6	165	39	554	57	1113
1:00	3	155			5	129				
1:15	2	113			6	130				
1:30	4	100			6	129				
1:45	5	117	14	484	4	133	20	521	34	1005
2:00	2	127			3	118				
2:15	3	123			3	117				
2:30	6	111			6	145				
2:45	4	111	13	471	4	175	16	554	29	1024
3:00	3	122			1	147				
3:15	2	123			4	136				
3:30	10	120			9	171				
3:45	11	105	24	470	7	192	20	644	44	1114
4:00	9	141			2	227				
4:15	8	150			4	206				
4:30	25	158			3	254				
4:45	21	182	63	630	10	243	18	929	81	1559
5:00	14	231			12	266				
5:15	37	200			12	297				
5:30	34	195			19	239				
5:45	31	175	116	801	32	161	75	963	190	1764
6:00	32	180			22	170				
6:15	44	125			24	137				
6:30	41	96			44	114				
6:45	57	97	173	497	64	112	154	532	326	1029
7:00	43	92			67	82				
7:15	55	64			90	86				
7:30	96	64			104	57				
7:45	133	55	326	274	157	60	418	285	744	559
8:00	93	56			150	45				
8:15	128	41			191	53				
8:30	114	38			173	43				
8:45	122	40	455	174	194	47	707	187	1162	361
9:00	110	35			163	41				
9:15	112	39			142	47				
9:30	122	25			95	41				
9:45	99	23	442	122	104	30	502	159	944	280
10:00	95	19			82	34				
10:15	82	18			82	25				
10:30	81	12			88	25				
10:45	108	17	365	65	98	20	349	103	714	168
11:00	108	13			111	12				
11:15	105	7			90	11				
11:30	138	13			118	18				
11:45	169	9	519	42	114	10	432	50	951	92
Totals	2527	4586			2747	5480				
Combined Totals		7112				8227				
ADT										15339
AM Peak Hour	1100	AM			815	AM				
Volume	519				720					
P.H.F.	0.770				0.930					
PM Peak Hour		445	PM			430	PM			
Volume		808				1060				
P.H.F.		0.874				0.892				
Percentage	35.5%	64.5%			33.4%	66.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Fontaine Avenue - Jeffrey Road

File Name 171
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	158			15	199				
12:15	16	137			20	199				
12:30	3	136			10	181				
12:45	5	187	31	618	8	193	53	772	84	1390
1:00	4	145			6	196				
1:15	4	184			5	221				
1:30	1	160			8	170				
1:45	5	176	14	665	11	251	30	838	44	1503
2:00	3	149			3	203				
2:15	1	158			4	251				
2:30	6	179			5	265				
2:45	4	162	14	648	7	372	19	1091	33	1739
3:00	2	181			3	349				
3:15	4	178			0	364				
3:30	6	144			4	323				
3:45	10	205	22	708	5	434	12	1470	34	2178
4:00	10	188			1	374				
4:15	17	239			3	532				
4:30	37	209			3	445				
4:45	56	273	120	909	4	472	11	1823	131	2732
5:00	25	201			10	388				
5:15	68	301			14	501				
5:30	79	266			13	447				
5:45	59	282	231	1050	29	481	66	1817	297	2867
6:00	59	214			31	406				
6:15	71	232			43	407				
6:30	94	188			44	297				
6:45	112	210	336	844	53	361	171	1471	507	2315
7:00	116	130			56	249				
7:15	130	86			77	222				
7:30	209	78			118	146				
7:45	230	94	685	388	170	92	421	709	1106	1097
8:00	270	67			155	103				
8:15	213	68			141	138				
8:30	238	62			163	114				
8:45	265	63	986	260	166	82	625	437	1611	697
9:00	262	63			154	87				
9:15	210	57			126	87				
9:30	178	41			123	67				
9:45	152	48	802	209	129	65	532	306	1334	515
10:00	135	34			132	65				
10:15	142	30			127	45				
10:30	144	32			125	41				
10:45	162	19	583	115	177	41	561	192	1144	307
11:00	165	12			187	25				
11:15	126	18			171	22				
11:30	173	18			156	23				
11:45	153	11	617	59	183	15	697	85	1314	144
Totals	4441	6473			3198	11011				
Combined Totals		10914				14209				
ADT										25123
AM Peak Hour	800	AM			1100	AM				
Volume	986				697					
P.H.F.	0.913				0.932					
PM Peak Hour		515	PM			415	PM			
Volume		1063				1837				
P.H.F.		0.883				0.863				
Percentage	40.7%	59.3%			22.5%	77.5%				

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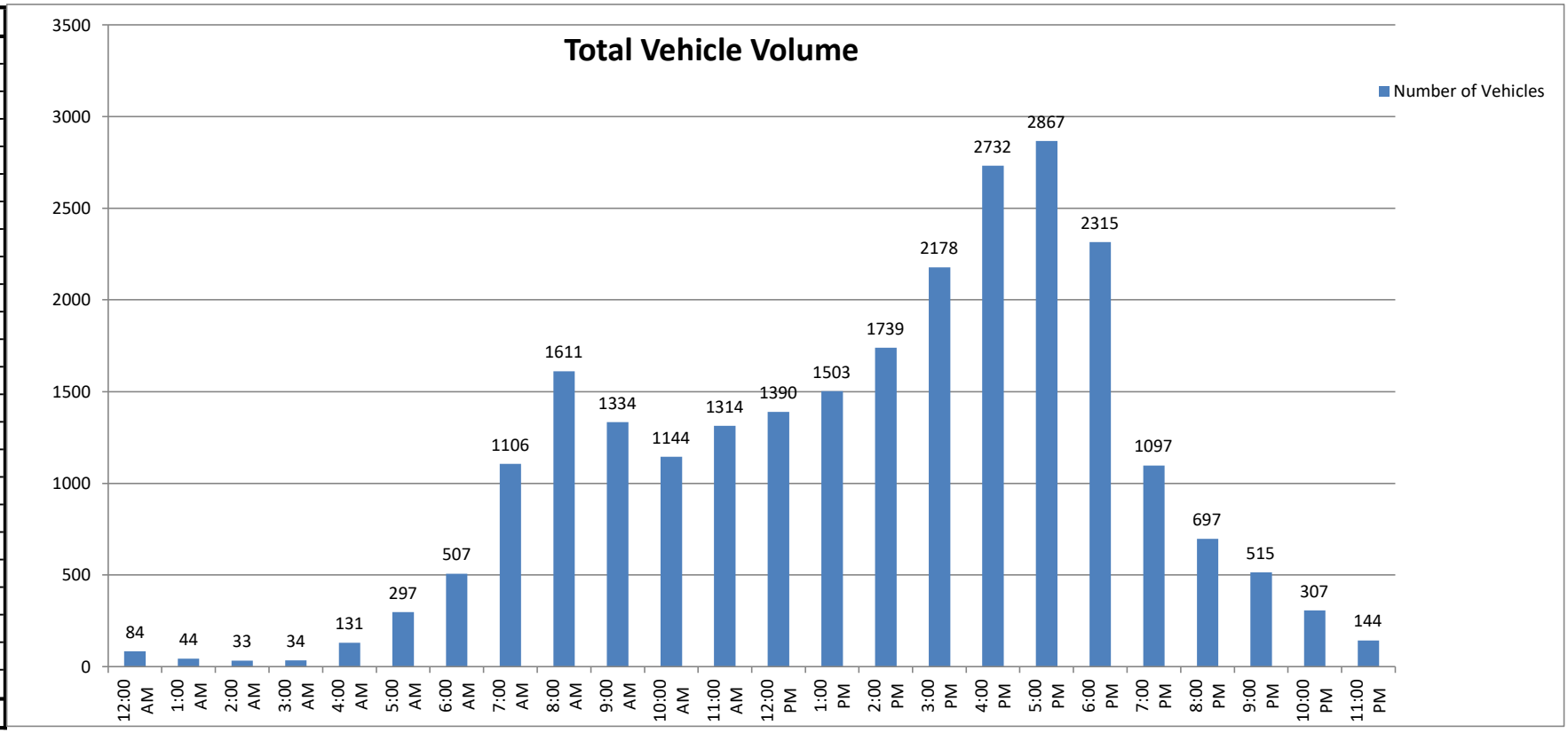
24 Hour Volume Plot

Irvine Center Drive
B/ Fontaine Avenue - Jeffrey Road

2/14/2024

Start Time	2/14/2024
12:00 AM	84
1:00 AM	44
2:00 AM	33
3:00 AM	34
4:00 AM	131
5:00 AM	297
6:00 AM	507
7:00 AM	1106
8:00 AM	1611
9:00 AM	1334
10:00 AM	1144
11:00 AM	1314
12:00 PM	1390
1:00 PM	1503
2:00 PM	1739
3:00 PM	2178
4:00 PM	2732
5:00 PM	2867
6:00 PM	2315
7:00 PM	1097
8:00 PM	697
9:00 PM	515
10:00 PM	307
11:00 PM	144
Total	25123



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Fontaine Avenue - Jeffrey Road

File Name 171
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	126			14	204				
12:15	13	184			12	165				
12:30	10	139			22	206				
12:45	7	189	39	638	9	205	57	780	96	1418
1:00	6	143			11	191				
1:15	8	158			7	173				
1:30	3	136			10	219				
1:45	6	144	23	581	4	257	32	840	55	1421
2:00	4	138			5	221				
2:15	3	164			9	244				
2:30	3	176			13	287				
2:45	6	169	16	647	5	354	32	1106	48	1753
3:00	5	171			2	342				
3:15	2	184			5	399				
3:30	9	143			3	332				
3:45	15	181	31	679	6	415	16	1488	47	2167
4:00	13	131			1	363				
4:15	21	199			3	498				
4:30	38	203			4	460				
4:45	53	265	125	798	4	453	12	1774	137	2572
5:00	30	202			11	389				
5:15	59	282			10	532				
5:30	81	263			25	454				
5:45	68	229	238	976	30	415	76	1790	314	2766
6:00	61	205			31	368				
6:15	75	188			42	414				
6:30	75	144			32	292				
6:45	120	164	331	701	45	254	150	1328	481	2029
7:00	102	120			73	203				
7:15	113	104			79	141				
7:30	192	94			131	119				
7:45	245	87	652	405	196	136	479	599	1131	1004
8:00	256	64			200	110				
8:15	241	68			225	110				
8:30	252	66			230	73				
8:45	277	72	1026	270	177	88	832	381	1858	651
9:00	198	59			155	88				
9:15	228	62			102	68				
9:30	196	44			92	73				
9:45	150	35	772	200	111	48	460	277	1232	477
10:00	121	40			96	57				
10:15	130	30			120	40				
10:30	177	32			129	43				
10:45	186	23	614	125	162	31	507	171	1121	296
11:00	139	19			172	32				
11:15	162	19			149	25				
11:30	178	12			151	21				
11:45	168	16	647	66	176	26	648	104	1295	170
Totals	4514	6086			3301	10638				
Combined Totals		10600				13939				
ADT										24539
AM Peak Hour	800	AM			745	AM				
Volume	1026				851					
P.H.F.	0.926				0.925					
PM Peak Hour		445	PM			430	PM			
Volume		1012				1834				
P.H.F.		0.897				0.862				
Percentage	42.6%	57.4%			23.7%	76.3%				

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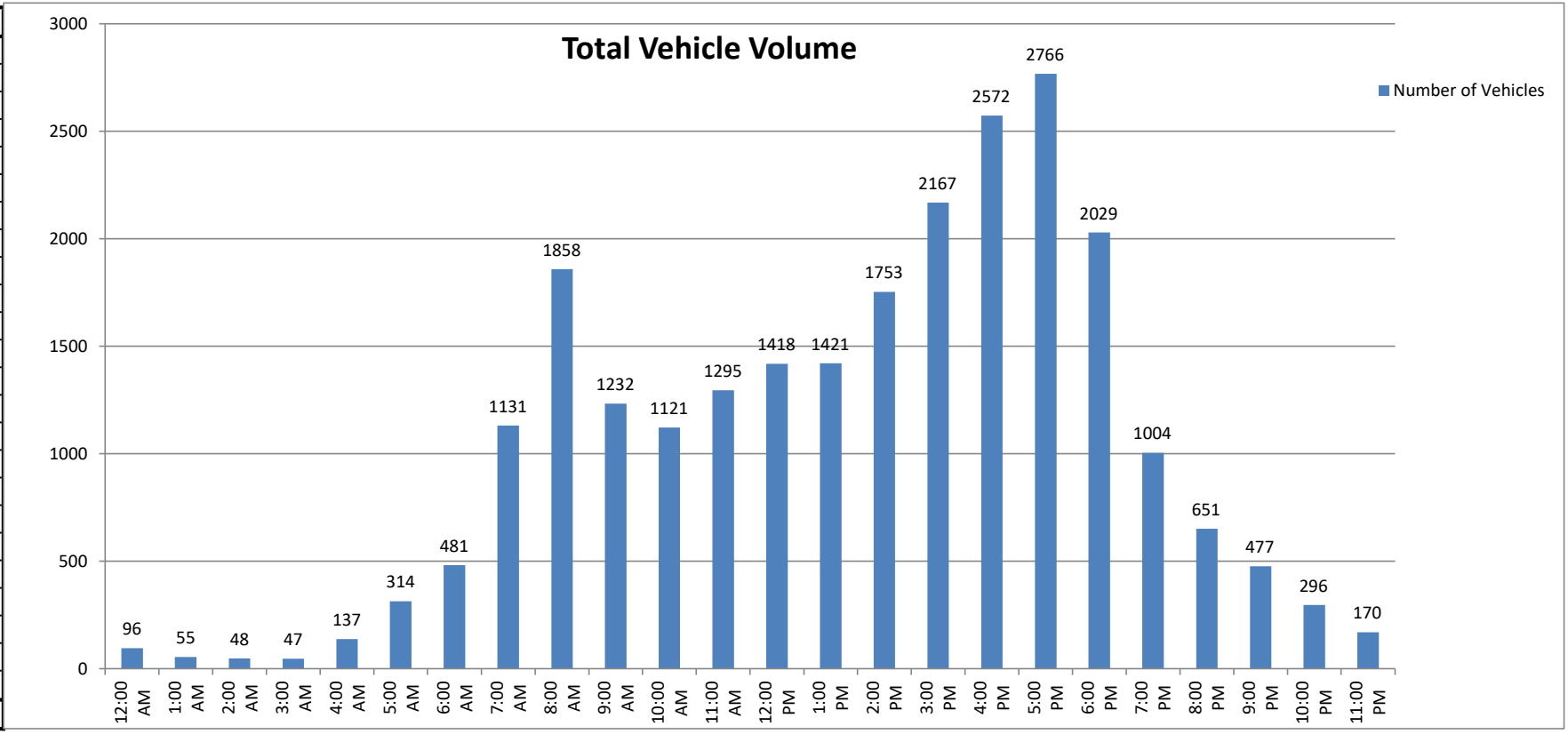
24 Hour Volume Plot

Irvine Center Drive
B/ Fontaine Avenue - Jeffrey Road

2/15/2024

Start Time	2/15/2024
12:00 AM	96
1:00 AM	55
2:00 AM	48
3:00 AM	47
4:00 AM	137
5:00 AM	314
6:00 AM	481
7:00 AM	1131
8:00 AM	1858
9:00 AM	1232
10:00 AM	1121
11:00 AM	1295
12:00 PM	1418
1:00 PM	1421
2:00 PM	1753
3:00 PM	2167
4:00 PM	2572
5:00 PM	2766
6:00 PM	2029
7:00 PM	1004
8:00 PM	651
9:00 PM	477
10:00 PM	296
11:00 PM	170
Total	24539



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Fontaine Avenue - Jeffrey Road

File Name 171
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	142			15	202				
12:15	15	161			16	182				
12:30	7	138			16	194				
12:45	6	188	35	628	9	199	55	776	90	1404
1:00	5	144			9	194				
1:15	6	171			6	197				
1:30	2	148			9	195				
1:45	6	160	19	623	8	254	31	839	50	1462
2:00	4	144			4	212				
2:15	2	161			7	248				
2:30	5	178			9	276				
2:45	5	166	15	648	6	363	26	1099	41	1746
3:00	4	176			3	346				
3:15	3	181			3	382				
3:30	8	144			4	328				
3:45	13	193	27	694	6	425	14	1479	41	2173
4:00	12	160			1	369				
4:15	19	219			3	515				
4:30	38	206			4	453				
4:45	55	269	123	854	4	463	12	1799	134	2652
5:00	28	202			11	389				
5:15	64	292			12	517				
5:30	80	265			19	451				
5:45	64	256	235	1013	30	448	71	1804	306	2817
6:00	60	210			31	387				
6:15	73	210			43	411				
6:30	85	166			38	295				
6:45	116	187	334	773	49	308	161	1400	494	2172
7:00	109	125			65	226				
7:15	122	95			78	182				
7:30	201	86			125	133				
7:45	238	91	669	397	183	114	450	654	1119	1051
8:00	263	66			178	107				
8:15	227	68			183	124				
8:30	245	64			197	94				
8:45	271	68	1006	265	172	85	729	409	1735	674
9:00	230	61			155	88				
9:15	219	60			114	78				
9:30	187	43			108	70				
9:45	151	42	787	205	120	57	496	292	1283	496
10:00	128	37			114	61				
10:15	136	30			124	43				
10:30	161	32			127	42				
10:45	174	21	599	120	170	36	534	182	1133	302
11:00	152	16			180	29				
11:15	144	19			160	24				
11:30	176	15			154	22				
11:45	161	14	632	63	180	21	673	95	1305	157
Totals	4478	6280			3250	10825				
Combined Totals		10757				14074				
ADT										24831
AM Peak Hour	800	AM			745	AM				
Volume	1006				740					
P.H.F.	0.928				0.941					
PM Peak Hour		445	PM			430	PM			
Volume		1027				1820				
P.H.F.		0.880				0.881				
Percentage	41.6%	58.4%			23.1%	76.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Gateway Boulevard - Alton Parkway

File Name 182
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	119			8	123				
12:15	3	116			11	154				
12:30	7	145			7	110				
12:45	6	124	31	504	3	108	29	495	60	999
1:00	1	141			6	112				
1:15	2	132			3	95				
1:30	8	128			5	99				
1:45	2	134	13	535	1	104	15	410	28	945
2:00	5	110			0	99				
2:15	1	91			0	95				
2:30	8	111			8	103				
2:45	6	138	20	450	2	98	10	395	30	845
3:00	1	118			0	100				
3:15	4	112			3	116				
3:30	6	158			3	106				
3:45	2	129	13	517	5	97	11	419	24	936
4:00	3	169			7	110				
4:15	2	161			1	138				
4:30	3	212			12	144				
4:45	4	191	12	733	14	156	34	548	46	1281
5:00	12	197			9	192				
5:15	14	246			17	195				
5:30	22	226			25	162				
5:45	30	164	78	833	28	128	79	677	157	1510
6:00	17	140			22	141				
6:15	25	146			35	109				
6:30	46	107			32	82				
6:45	52	101	140	494	40	68	129	400	269	894
7:00	62	67			43	78				
7:15	76	100			44	65				
7:30	92	50			73	55				
7:45	133	73	363	290	90	64	250	262	613	552
8:00	130	59			84	46				
8:15	138	53			69	41				
8:30	143	51			96	34				
8:45	141	46	552	209	77	48	326	169	878	378
9:00	142	45			82	22				
9:15	116	43			67	27				
9:30	92	44			85	25				
9:45	113	23	463	155	70	24	304	98	767	253
10:00	70	30			82	20				
10:15	76	29			70	15				
10:30	102	17			76	9				
10:45	118	21	366	97	90	11	318	55	684	152
11:00	83	10			104	7				
11:15	114	12			96	9				
11:30	106	13			132	6				
11:45	101	17	404	52	132	9	464	31	868	83
Totals	2455	4869			1969	3959				
Combined Totals		7324				5928				
ADT										13252
AM Peak Hour	815	AM			1100	AM				
Volume	564				464					
P.H.F.	0.986				0.879					
PM Peak Hour		445	PM			445	PM			
Volume		860				705				
P.H.F.		0.874				0.904				
Percentage	33.5%	66.5%			33.2%	66.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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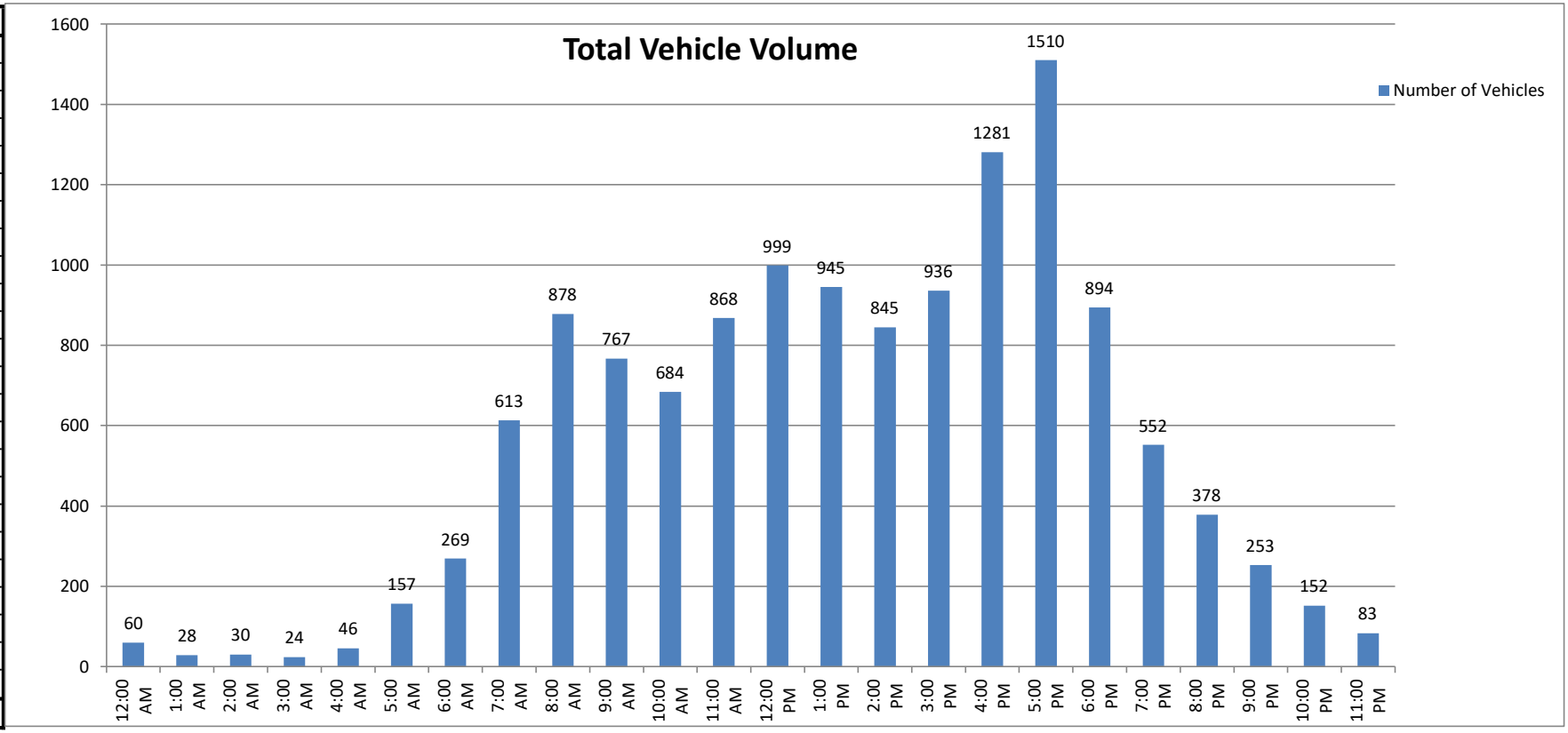
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Gateway Boulevard - Alton Parkway

2/14/2024

Start Time	2/14/2024
12:00 AM	60
1:00 AM	28
2:00 AM	30
3:00 AM	24
4:00 AM	46
5:00 AM	157
6:00 AM	269
7:00 AM	613
8:00 AM	878
9:00 AM	767
10:00 AM	684
11:00 AM	868
12:00 PM	999
1:00 PM	945
2:00 PM	845
3:00 PM	936
4:00 PM	1281
5:00 PM	1510
6:00 PM	894
7:00 PM	552
8:00 PM	378
9:00 PM	253
10:00 PM	152
11:00 PM	83
Total	13252



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Gateway Boulevard - Alton Parkway

File Name 182
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	117			14	144				
12:15	12	111			6	147				
12:30	9	145			3	148				
12:45	8	138	41	511	2	123	25	562	66	1073
1:00	10	134			5	134				
1:15	2	113			1	98				
1:30	2	142			2	88				
1:45	5	135	19	524	4	86	12	406	31	930
2:00	6	100			4	105				
2:15	8	107			7	102				
2:30	9	87			2	96				
2:45	3	119	26	413	3	107	16	410	42	823
3:00	1	117			1	90				
3:15	2	132			3	115				
3:30	5	112			4	96				
3:45	8	150	16	511	4	83	12	384	28	895
4:00	2	189			6	113				
4:15	9	175			4	145				
4:30	3	183			13	109				
4:45	6	175	20	722	8	181	31	548	51	1270
5:00	13	208			8	184				
5:15	8	204			20	190				
5:30	22	182			22	170				
5:45	26	128	69	722	29	131	79	675	148	1397
6:00	19	145			18	118				
6:15	24	107			35	89				
6:30	45	91			28	99				
6:45	65	92	153	435	39	78	120	384	273	819
7:00	59	94			45	82				
7:15	75	62			42	71				
7:30	107	74			64	63				
7:45	155	73	396	303	103	57	254	273	650	576
8:00	136	45			96	41				
8:15	157	51			110	37				
8:30	139	48			102	32				
8:45	149	47	581	191	92	38	400	148	981	339
9:00	153	44			101	40				
9:15	98	48			109	36				
9:30	108	42			87	33				
9:45	104	31	463	165	92	20	389	129	852	294
10:00	84	26			88	27				
10:15	81	22			86	19				
10:30	93	23			71	19				
10:45	78	20	336	91	85	27	330	92	666	183
11:00	112	16			100	18				
11:15	107	13			116	7				
11:30	102	18			132	19				
11:45	115	7	436	54	144	7	492	51	928	105
Totals	2556	4642			2160	4062				
Combined Totals		7198				6222				
ADT										13420
AM Peak Hour	815	AM			1100	AM				
Volume	598				492					
P.H.F.	0.952				0.854					
PM Peak Hour		430	PM			445	PM			
Volume		770				725				
P.H.F.		0.925				0.954				
Percentage	35.5%	64.5%			34.7%	65.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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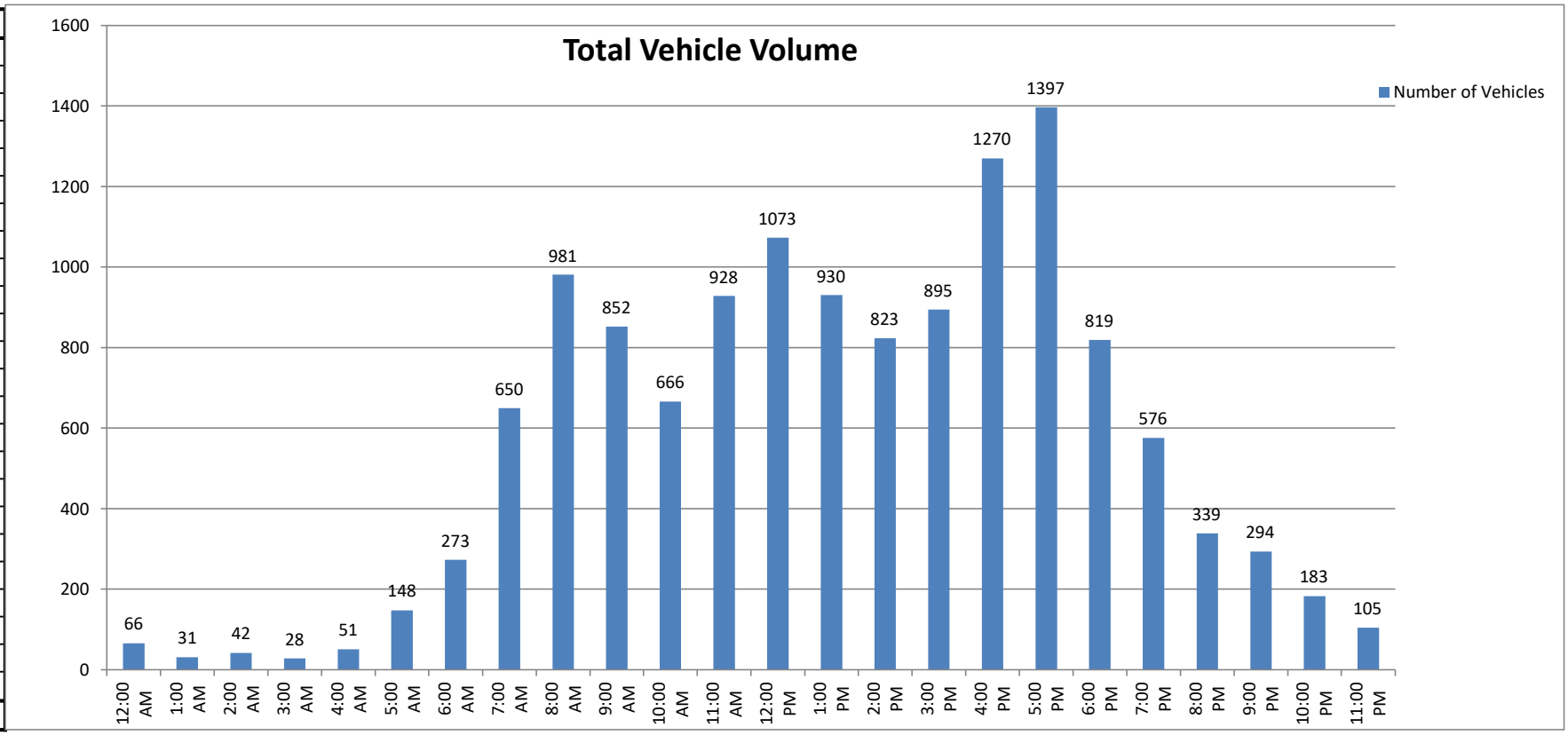
24 Hour Volume Plot

Irvine Center Drive
B/ Gateway Boulevard - Alton Parkway

2/15/2024

Start Time	2/15/2024
12:00 AM	66
1:00 AM	31
2:00 AM	42
3:00 AM	28
4:00 AM	51
5:00 AM	148
6:00 AM	273
7:00 AM	650
8:00 AM	981
9:00 AM	852
10:00 AM	666
11:00 AM	928
12:00 PM	1073
1:00 PM	930
2:00 PM	823
3:00 PM	895
4:00 PM	1270
5:00 PM	1397
6:00 PM	819
7:00 PM	576
8:00 PM	339
9:00 PM	294
10:00 PM	183
11:00 PM	105
Total	13420



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Gateway Boulevard - Alton Parkway

File Name 182
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	118			11	134				
12:15	8	114			9	151				
12:30	8	145			5	129				
12:45	7	131	36	508	3	116	27	529	63	1036
1:00	6	138			6	123				
1:15	2	123			2	97				
1:30	5	135			4	94				
1:45	4	135	16	530	3	95	14	408	30	938
2:00	6	105			2	102				
2:15	5	99			4	99				
2:30	9	99			5	100				
2:45	5	129	23	432	3	103	13	403	36	834
3:00	1	118			1	95				
3:15	3	122			3	116				
3:30	6	135			4	101				
3:45	5	140	15	514	5	90	12	402	26	916
4:00	3	179			7	112				
4:15	6	168			3	142				
4:30	3	198			13	127				
4:45	5	183	16	728	11	169	33	548	49	1276
5:00	13	203			9	188				
5:15	11	225			19	193				
5:30	22	204			24	166				
5:45	28	146	74	778	29	130	79	676	153	1454
6:00	18	143			20	130				
6:15	25	127			35	99				
6:30	46	99			30	91				
6:45	59	97	147	465	40	73	125	392	271	857
7:00	61	81			44	80				
7:15	76	81			43	68				
7:30	100	62			69	59				
7:45	144	73	380	297	97	61	252	268	632	564
8:00	133	52			90	44				
8:15	148	52			90	39				
8:30	141	50			99	33				
8:45	145	47	567	200	85	43	363	159	930	359
9:00	148	45			92	31				
9:15	107	46			88	32				
9:30	100	43			86	29				
9:45	109	27	463	160	81	22	347	114	810	274
10:00	77	28			85	24				
10:15	79	26			78	17				
10:30	98	20			74	14				
10:45	98	21	351	94	88	19	324	74	675	168
11:00	98	13			102	13				
11:15	111	13			106	8				
11:30	104	16			132	13				
11:45	108	12	420	53	138	8	478	41	898	94
Totals	2506	4756			2065	4011				
Combined Totals		7261				6075				
ADT										13336
AM Peak Hour	815	AM			1100	AM				
Volume	581				478					
P.H.F.	0.985				0.866					
PM Peak Hour		445	PM			445	PM			
Volume		815				715				
P.H.F.		0.905				0.929				
Percentage	34.5%	65.5%			34.0%	66.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Harvard Avenue - Culver Drive

File Name 167
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	110			16	148				
12:15	18	146			16	160				
12:30	14	154			16	170				
12:45	6	179	56	589	10	172	58	650	114	1239
1:00	8	172			6	204				
1:15	5	170			7	178				
1:30	8	155			9	200				
1:45	5	200	26	697	10	212	32	794	58	1491
2:00	6	169			4	246				
2:15	4	142			4	253				
2:30	4	147			5	279				
2:45	1	181	15	639	10	353	23	1131	38	1770
3:00	8	170			3	355				
3:15	2	195			1	399				
3:30	3	182			4	323				
3:45	9	215	22	762	9	435	17	1512	39	2274
4:00	11	216			6	345				
4:15	24	269			3	444				
4:30	45	267			11	370				
4:45	45	283	125	1035	11	430	31	1589	156	2624
5:00	40	309			15	366				
5:15	56	373			22	441				
5:30	65	381			31	323				
5:45	71	321	232	1384	43	414	111	1544	343	2928
6:00	56	257			51	355				
6:15	74	249			71	407				
6:30	95	221			66	331				
6:45	133	190	358	917	71	305	259	1398	617	2315
7:00	120	113			69	236				
7:15	164	133			135	182				
7:30	213	112			156	154				
7:45	274	107	771	465	222	96	582	668	1353	1133
8:00	271	84			157	91				
8:15	249	98			231	101				
8:30	200	98			197	107				
8:45	239	68	959	348	244	81	829	380	1788	728
9:00	188	73			176	93				
9:15	149	71			172	81				
9:30	157	65			134	68				
9:45	164	31	658	240	135	52	617	294	1275	534
10:00	122	41			144	60				
10:15	112	43			131	40				
10:30	134	36			128	49				
10:45	145	26	513	146	132	33	535	182	1048	328
11:00	121	32			126	32				
11:15	177	24			153	23				
11:30	156	21			136	26				
11:45	170	11	624	88	153	21	568	102	1192	190
Totals	4359	7310			3662	10244				
Combined Totals		11669				13906				
ADT										25575
AM Peak Hour	730	AM			815	AM				
Volume	1007				848					
P.H.F.	0.919				0.869					
PM Peak Hour		500	PM			415	PM			
Volume		1384				1610				
P.H.F.		0.908				0.907				
Percentage	37.4%	62.6%			26.3%	73.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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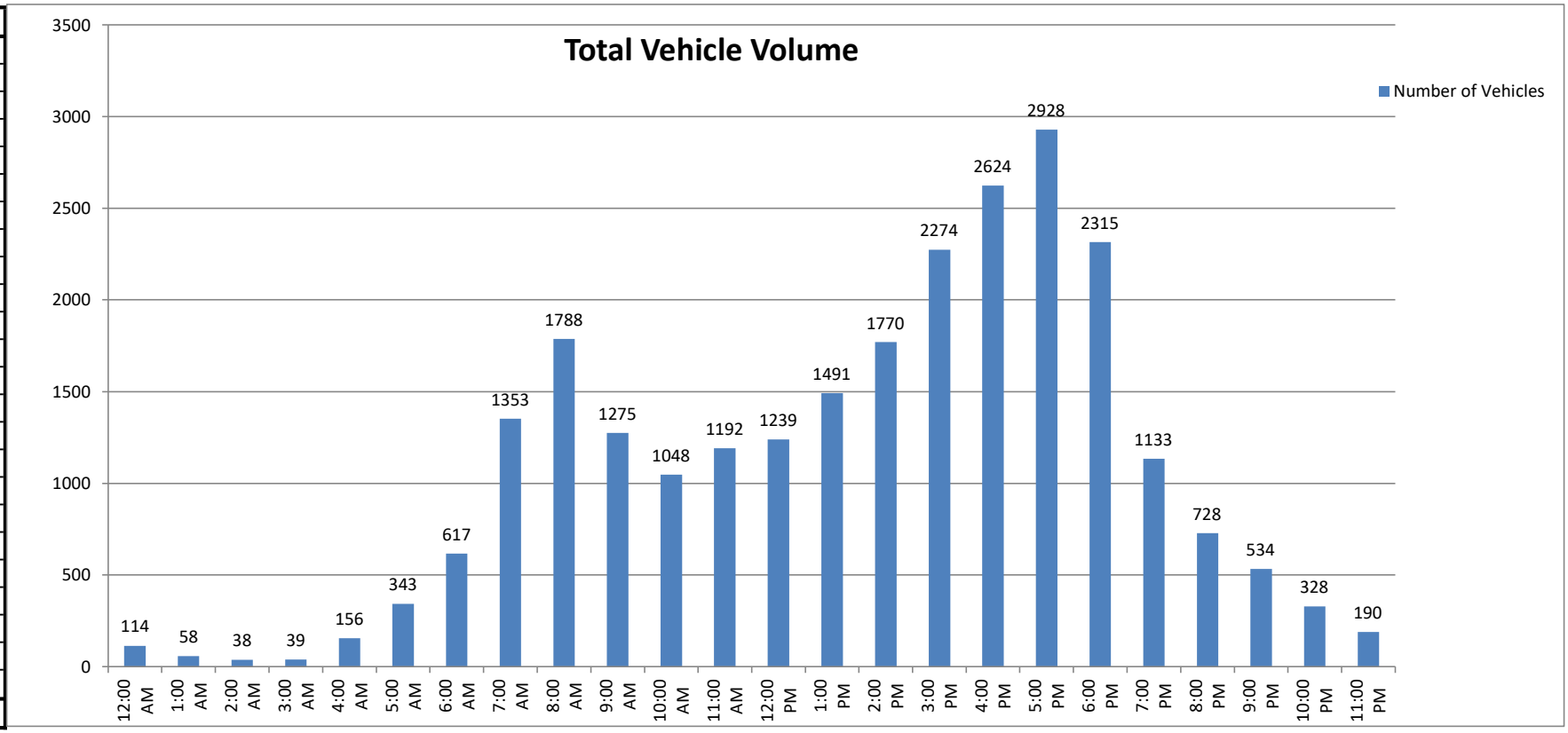
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Harvard Avenue - Culver Drive

2/14/2024

Start Time	2/14/2024
12:00 AM	114
1:00 AM	58
2:00 AM	38
3:00 AM	39
4:00 AM	156
5:00 AM	343
6:00 AM	617
7:00 AM	1353
8:00 AM	1788
9:00 AM	1275
10:00 AM	1048
11:00 AM	1192
12:00 PM	1239
1:00 PM	1491
2:00 PM	1770
3:00 PM	2274
4:00 PM	2624
5:00 PM	2928
6:00 PM	2315
7:00 PM	1133
8:00 PM	728
9:00 PM	534
10:00 PM	328
11:00 PM	190
Total	25575



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City of Irvine
Irvine Center Drive
B/ Harvard Avenue - Culver Drive

File Name 167
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	156			25	164				
12:15	17	166			17	178				
12:30	14	157			18	165				
12:45	13	153	57	632	10	193	70	700	127	1332
1:00	6	163			11	158				
1:15	15	152			10	175				
1:30	12	166			9	188				
1:45	4	159	37	640	5	213	35	734	72	1374
2:00	7	185			7	237				
2:15	3	176			7	238				
2:30	3	189			11	304				
2:45	7	170	20	720	9	371	34	1150	54	1870
3:00	5	197			1	329				
3:15	7	185			4	407				
3:30	8	167			3	357				
3:45	16	182	36	731	10	397	18	1490	54	2221
4:00	15	181			6	353				
4:15	22	241			7	448				
4:30	48	234			10	366				
4:45	47	274	132	930	7	427	30	1594	162	2524
5:00	33	290			9	339				
5:15	60	383			21	456				
5:30	74	323			41	328				
5:45	68	278	235	1274	44	404	115	1527	350	2801
6:00	70	223			49	336				
6:15	68	225			53	403				
6:30	107	174			64	291				
6:45	130	210	375	832	63	280	229	1310	604	2142
7:00	112	148			64	196				
7:15	138	141			136	182				
7:30	212	100			143	121				
7:45	270	120	732	509	249	119	592	618	1324	1127
8:00	275	85			221	107				
8:15	263	87			286	100				
8:30	228	104			270	69				
8:45	243	96	1009	372	218	93	995	369	2004	741
9:00	182	66			179	76				
9:15	180	64			138	86				
9:30	175	67			117	86				
9:45	160	46	697	243	125	56	559	304	1256	547
10:00	129	58			110	54				
10:15	138	35			109	55				
10:30	126	42			139	36				
10:45	163	31	556	166	166	47	524	192	1080	358
11:00	117	29			141	38				
11:15	160	21			132	14				
11:30	152	24			134	21				
11:45	164	12	593	86	127	20	534	93	1127	179
Totals	4479	7135			3735	10081				
Combined Totals		11614				13816				
ADT										25430
AM Peak Hour	745	AM			745	AM				
Volume	1036				1026					
P.H.F.	0.942				0.897					
PM Peak Hour		500	PM			400	PM			
Volume		1274				1594				
P.H.F.		0.832				0.890				
Percentage	38.6%	61.4%			27.0%	73.0%				

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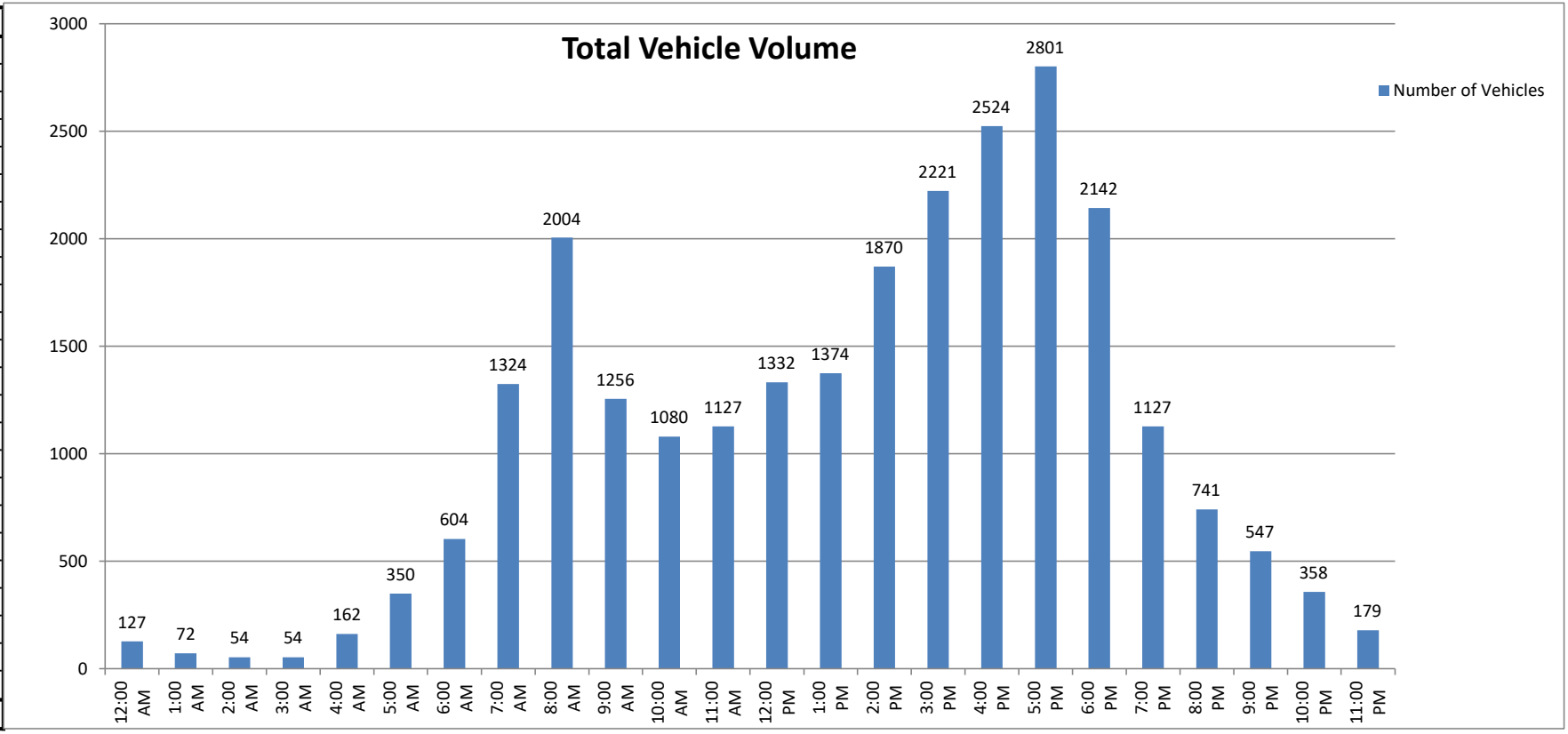
24 Hour Volume Plot

Irvine Center Drive
B/ Harvard Avenue - Culver Drive

2/15/2024

Start Time	2/15/2024
12:00 AM	127
1:00 AM	72
2:00 AM	54
3:00 AM	54
4:00 AM	162
5:00 AM	350
6:00 AM	604
7:00 AM	1324
8:00 AM	2004
9:00 AM	1256
10:00 AM	1080
11:00 AM	1127
12:00 PM	1332
1:00 PM	1374
2:00 PM	1870
3:00 PM	2221
4:00 PM	2524
5:00 PM	2801
6:00 PM	2142
7:00 PM	1127
8:00 PM	741
9:00 PM	547
10:00 PM	358
11:00 PM	179
Total	25430



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Harvard Avenue - Culver Drive

File Name 167
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	133			21	156				
12:15	18	156			17	169				
12:30	14	156			17	168				
12:45	10	166	57	611	10	183	64	675	121	1286
1:00	7	168			9	181				
1:15	10	161			9	177				
1:30	10	161			9	194				
1:45	5	180	32	669	8	213	34	764	65	1433
2:00	7	177			6	242				
2:15	4	159			6	246				
2:30	4	168			8	292				
2:45	4	176	18	680	10	362	29	1141	46	1820
3:00	7	184			2	342				
3:15	5	190			3	403				
3:30	6	175			4	340				
3:45	13	199	29	747	10	416	18	1501	47	2248
4:00	13	199			6	349				
4:15	23	255			5	446				
4:30	47	251			11	368				
4:45	46	279	129	983	9	429	31	1592	159	2574
5:00	37	300			12	353				
5:15	58	378			22	449				
5:30	70	352			36	326				
5:45	70	300	234	1329	44	409	113	1536	347	2865
6:00	63	240			50	346				
6:15	71	237			62	405				
6:30	101	198			65	311				
6:45	132	200	367	875	67	293	244	1354	611	2229
7:00	116	131			67	216				
7:15	151	137			136	182				
7:30	213	106			150	138				
7:45	272	114	752	487	236	108	587	643	1339	1130
8:00	273	85			189	99				
8:15	256	93			259	101				
8:30	214	101			234	88				
8:45	241	82	984	360	231	87	912	375	1896	735
9:00	185	70			178	85				
9:15	165	68			155	84				
9:30	166	66			126	77				
9:45	162	39	678	242	130	54	588	299	1266	541
10:00	126	50			127	57				
10:15	125	39			120	48				
10:30	130	39			134	43				
10:45	154	29	535	156	149	40	530	187	1064	343
11:00	119	31			134	35				
11:15	169	23			143	19				
11:30	154	23			135	24				
11:45	167	12	609	87	140	21	551	98	1160	185
Totals	4419	7223			3699	10163				
Combined Totals		11642				13861				
ADT										25503
AM Peak Hour	745	AM			745	AM				
Volume	1015				917					
P.H.F.	0.929				0.886					
PM Peak Hour		500	PM			430	PM			
Volume		1329				1598				
P.H.F.		0.879				0.890				
Percentage	38.0%	62.0%			26.7%	73.3%				

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City of Irvine
Irvine Center Drive
B/ Irvine Valley College - Orange Tree

File Name 173
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	114			13	219				
12:15	8	162			15	181				
12:30	6	148			5	196				
12:45	8	179	26	603	8	214	41	810	67	1413
1:00	8	175			4	204				
1:15	4	178			8	163				
1:30	4	137			12	177				
1:45	3	184	19	674	10	198	34	742	53	1416
2:00	2	159			1	203				
2:15	0	137			5	219				
2:30	2	142			4	282				
2:45	8	156	12	594	8	353	18	1057	30	1651
3:00	3	153			3	305				
3:15	5	168			1	294				
3:30	7	126			6	312				
3:45	10	138	25	585	4	373	14	1284	39	1869
4:00	7	120			3	443				
4:15	15	172			4	443				
4:30	30	153			5	460				
4:45	48	166	100	611	8	454	20	1800	120	2411
5:00	21	178			9	403				
5:15	55	179			15	473				
5:30	75	216			22	429				
5:45	52	199	203	772	35	359	81	1664	284	2436
6:00	60	192			31	361				
6:15	65	165			44	314				
6:30	76	138			45	263				
6:45	89	154	290	649	51	266	171	1204	461	1853
7:00	68	144			67	155				
7:15	94	102			101	157				
7:30	145	88			124	95				
7:45	149	78	456	412	165	99	457	506	913	918
8:00	213	86			156	80				
8:15	215	89			127	98				
8:30	214	78			149	78				
8:45	205	57	847	310	198	55	630	311	1477	621
9:00	262	54			155	67				
9:15	183	85			149	51				
9:30	135	46			118	47				
9:45	101	37	681	222	117	48	539	213	1220	435
10:00	120	30			120	40				
10:15	101	27			120	29				
10:30	91	27			132	38				
10:45	125	22	437	106	222	29	594	136	1031	242
11:00	118	10			205	22				
11:15	119	18			162	21				
11:30	130	18			167	19				
11:45	139	12	506	58	199	15	733	77	1239	135
Totals	3602	5596			3332	9804				
Combined Totals		9198				13136				
ADT										22334
AM Peak Hour	815	AM			1045	AM				
Volume	896				756					
P.H.F.	0.855				0.851					
PM Peak Hour		515	PM			400	PM			
Volume		786				1800				
P.H.F.		0.910				0.978				
Percentage	39.2%	60.8%			25.4%	74.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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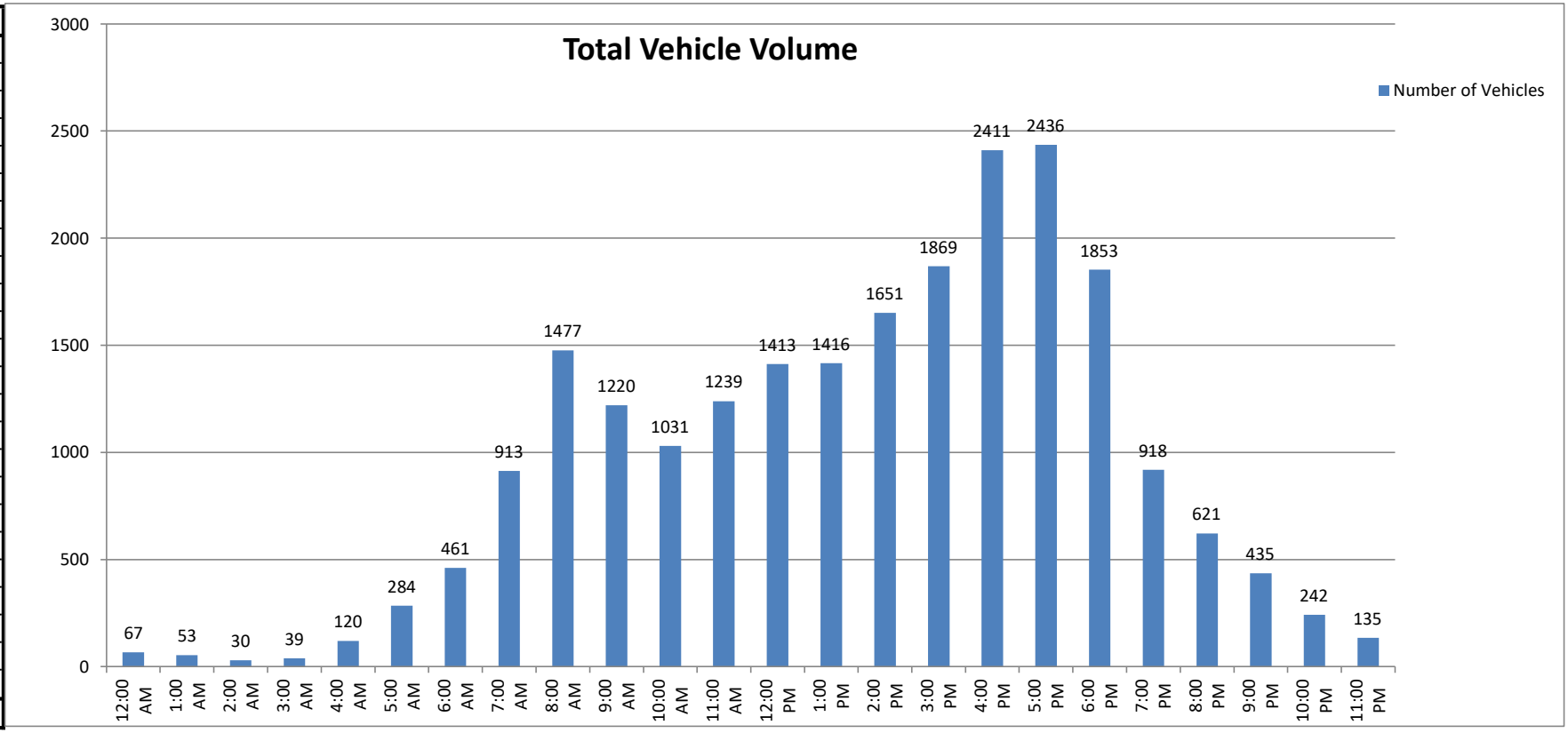
24 Hour Volume Plot

Irvine Center Drive
B/ Irvine Valley College - Orange Tree

2/14/2024

Start Time	2/14/2024
12:00 AM	67
1:00 AM	53
2:00 AM	30
3:00 AM	39
4:00 AM	120
5:00 AM	284
6:00 AM	461
7:00 AM	913
8:00 AM	1477
9:00 AM	1220
10:00 AM	1031
11:00 AM	1239
12:00 PM	1413
1:00 PM	1416
2:00 PM	1651
3:00 PM	1869
4:00 PM	2411
5:00 PM	2436
6:00 PM	1853
7:00 PM	918
8:00 PM	621
9:00 PM	435
10:00 PM	242
11:00 PM	135
Total	22334



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Irvine Valley College - Orange Tree

File Name 173
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	118			14	192				
12:15	13	159			12	191				
12:30	10	146			17	157				
12:45	9	164	44	587	11	193	54	733	98	1320
1:00	4	171			7	175				
1:15	4	156			7	152				
1:30	2	138			8	202				
1:45	3	129	13	594	3	196	25	725	38	1319
2:00	1	117			3	205				
2:15	4	133			9	197				
2:30	2	145			9	276				
2:45	4	169	11	564	4	307	25	985	36	1549
3:00	6	146			1	340				
3:15	3	191			4	308				
3:30	9	159			4	309				
3:45	14	128	32	624	7	367	16	1324	48	1948
4:00	11	131			1	371				
4:15	20	134			5	463				
4:30	31	154			6	379				
4:45	47	177	109	596	7	431	19	1644	128	2240
5:00	27	154			12	495				
5:15	54	188			8	448				
5:30	71	204			34	397				
5:45	65	158	217	704	34	309	88	1649	305	2353
6:00	57	147			37	370				
6:15	75	141			43	339				
6:30	74	112			35	254				
6:45	77	131	283	531	55	211	170	1174	453	1705
7:00	89	124			77	158				
7:15	74	80			85	126				
7:30	156	84			125	112				
7:45	186	91	505	379	178	98	465	494	970	873
8:00	202	74			165	83				
8:15	218	62			178	66				
8:30	234	55			138	60				
8:45	218	76	872	267	178	59	659	268	1531	535
9:00	182	92			168	71				
9:15	172	75			131	53				
9:30	164	48			104	48				
9:45	133	35	651	250	112	35	515	207	1166	457
10:00	109	37			119	44				
10:15	135	37			98	34				
10:30	108	41			129	33				
10:45	153	24	505	139	137	35	483	146	988	285
11:00	120	21			152	28				
11:15	112	18			152	19				
11:30	135	13			165	12				
11:45	137	18	504	70	181	19	650	78	1154	148
Totals	3746	5305			3169	9427				
Combined Totals		9051				12596				
ADT										21647
AM Peak Hour	800	AM			815	AM				
Volume	872				662					
P.H.F.	0.932				0.930					
PM Peak Hour		445	PM			445	PM			
Volume		723				1771				
P.H.F.		0.886				0.894				
Percentage	41.4%	58.6%			25.2%	74.8%				

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Counts Unlimited, Inc.
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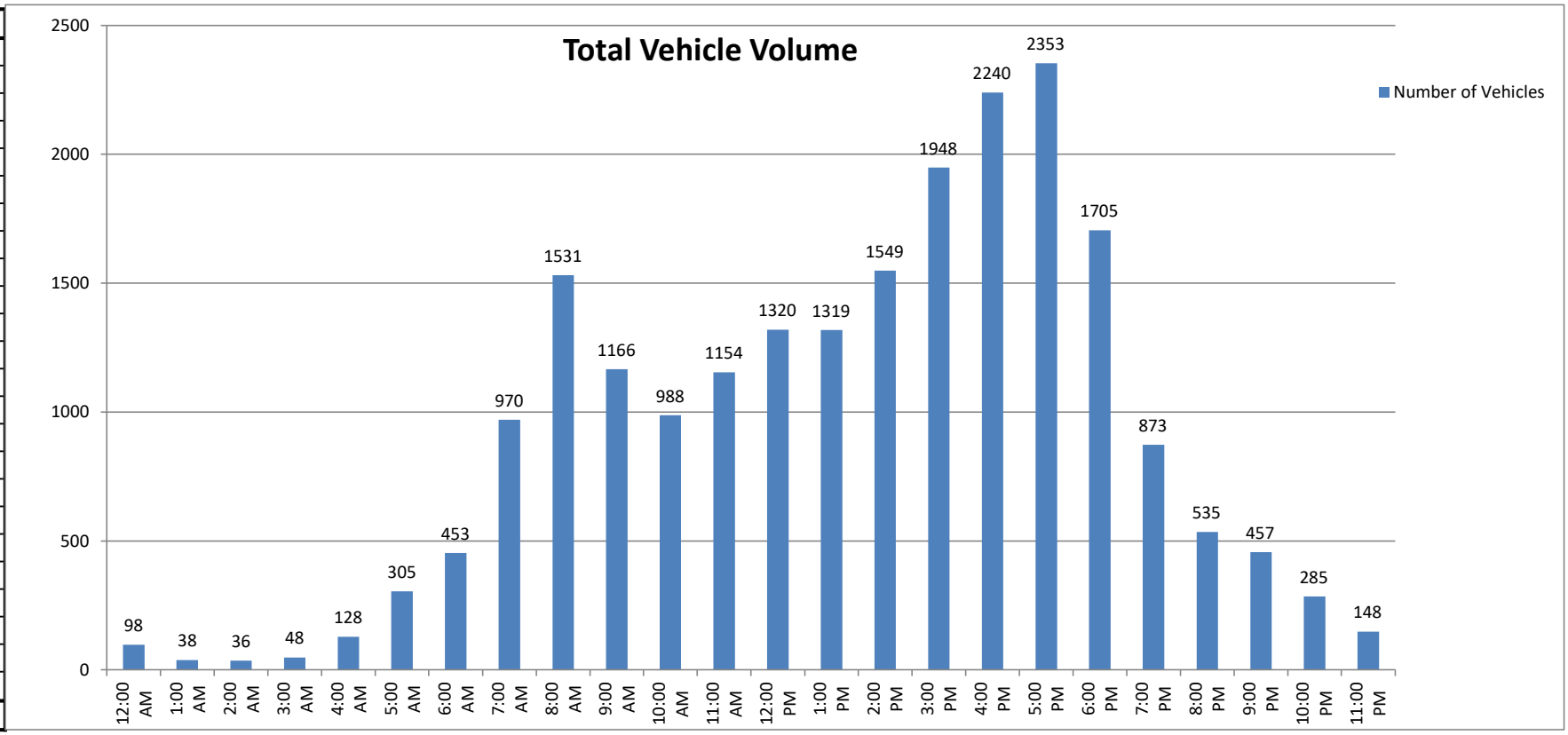
24 Hour Volume Plot

Irvine Center Drive
B/ Irvine Valley College - Orange Tree

2/15/2024

Start Time	2/15/2024
12:00 AM	98
1:00 AM	38
2:00 AM	36
3:00 AM	48
4:00 AM	128
5:00 AM	305
6:00 AM	453
7:00 AM	970
8:00 AM	1531
9:00 AM	1166
10:00 AM	988
11:00 AM	1154
12:00 PM	1320
1:00 PM	1319
2:00 PM	1549
3:00 PM	1948
4:00 PM	2240
5:00 PM	2353
6:00 PM	1705
7:00 PM	873
8:00 PM	535
9:00 PM	457
10:00 PM	285
11:00 PM	148
Total	21647



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Irvine Valley College - Orange Tree

File Name 173
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	116			14	206				
12:15	11	161			14	186				
12:30	8	147			11	177				
12:45	9	172	35	595	10	204	48	772	83	1367
1:00	6	173			6	190				
1:15	4	167			8	158				
1:30	3	138			10	190				
1:45	3	157	16	634	7	197	30	734	46	1368
2:00	2	138			2	204				
2:15	2	135			7	208				
2:30	2	144			7	279				
2:45	6	163	12	579	6	330	22	1021	33	1600
3:00	5	150			2	323				
3:15	4	180			3	301				
3:30	8	143			5	311				
3:45	12	133	29	605	6	370	15	1304	44	1909
4:00	9	126			2	407				
4:15	18	153			5	453				
4:30	31	154			6	420				
4:45	48	172	105	604	8	443	20	1722	124	2326
5:00	24	166			11	449				
5:15	55	184			12	461				
5:30	73	210			28	413				
5:45	59	179	210	738	35	334	85	1657	295	2395
6:00	59	170			34	366				
6:15	70	153			44	327				
6:30	75	125			40	259				
6:45	83	143	287	590	53	239	171	1189	457	1779
7:00	79	134			72	157				
7:15	84	91			93	142				
7:30	151	86			125	104				
7:45	168	85	481	396	172	99	461	500	942	896
8:00	208	80			161	82				
8:15	217	76			153	82				
8:30	224	67			144	69				
8:45	212	67	860	289	188	57	645	290	1504	578
9:00	222	73			162	69				
9:15	178	80			140	52				
9:30	150	47			111	48				
9:45	117	36	666	236	115	42	527	210	1193	446
10:00	115	34			120	42				
10:15	118	32			109	32				
10:30	100	34			131	36				
10:45	139	23	471	123	180	32	539	141	1010	264
11:00	119	16			179	25				
11:15	116	18			157	20				
11:30	133	16			166	16				
11:45	138	15	505	64	190	17	692	78	1197	142
Totals	3674	5451			3251	9616				
Combined Totals		9125				12866				
ADT										21991
AM Peak Hour	815	AM			1100	AM				
Volume	874				692					
P.H.F.	0.975				0.910					
PM Peak Hour		515	PM			430	PM			
Volume		742				1772				
P.H.F.		0.883				0.962				
Percentage	40.3%	59.7%			25.3%	74.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Jamboree Road - Harvard Avenue

File Name 166
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	154			20	167				
12:15	22	166			25	150				
12:30	19	205			12	180				
12:45	11	213	77	738	11	194	68	691	145	1429
1:00	11	192			3	210				
1:15	6	202			9	205				
1:30	12	171			10	215				
1:45	5	230	34	795	7	248	29	878	63	1673
2:00	8	190			5	266				
2:15	5	162			4	254				
2:30	4	166			4	283				
2:45	1	188	18	706	16	376	29	1179	47	1885
3:00	4	226			4	363				
3:15	4	208			3	367				
3:30	6	242			10	369				
3:45	10	230	24	906	7	415	24	1514	48	2420
4:00	13	277			9	394				
4:15	21	329			11	416				
4:30	44	341			19	448				
4:45	45	345	123	1292	25	422	64	1680	187	2972
5:00	47	386			25	407				
5:15	55	465			37	390				
5:30	75	461			54	405				
5:45	76	393	253	1705	60	332	176	1534	429	3239
6:00	69	370			87	448				
6:15	87	298			82	356				
6:30	116	269			113	375				
6:45	146	224	418	1161	91	316	373	1495	791	2656
7:00	113	181			150	250				
7:15	192	195			166	186				
7:30	213	154			240	129				
7:45	227	149	745	679	264	122	820	687	1565	1366
8:00	209	115			237	93				
8:15	222	139			249	93				
8:30	235	147			298	83				
8:45	225	99	891	500	270	86	1054	355	1945	855
9:00	159	78			206	95				
9:15	185	90			200	87				
9:30	180	84			171	67				
9:45	148	68	672	320	174	75	751	324	1423	644
10:00	134	65			163	67				
10:15	134	57			154	52				
10:30	162	54			158	46				
10:45	158	31	588	207	160	37	635	202	1223	409
11:00	165	44			170	24				
11:15	206	37			154	27				
11:30	189	25			164	31				
11:45	186	30	746	136	152	26	640	108	1386	244
Totals	4589	9145			4663	10647				
Combined Totals		13734				15310				
ADT										29044
AM Peak Hour	745	AM			800	AM				
Volume	893				1054					
P.H.F.	0.950				0.884					
PM Peak Hour		500	PM			415	PM			
Volume		1705				1693				
P.H.F.		0.917				0.945				
Percentage	33.4%	66.6%			30.5%	69.5%				

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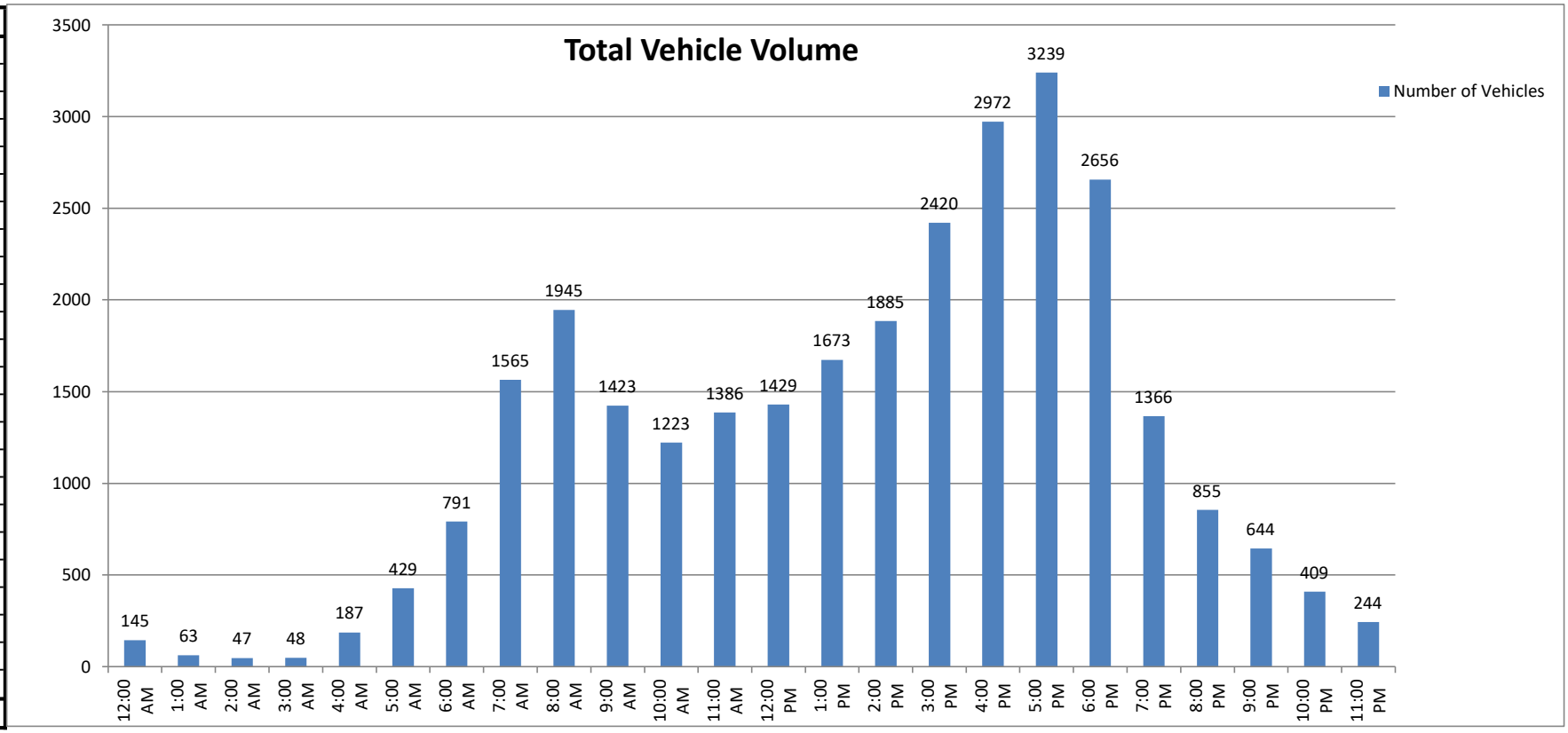
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Jamboree Road - Harvard Avenue

2/14/2024

Start Time	2/14/2024
12:00 AM	145
1:00 AM	63
2:00 AM	47
3:00 AM	48
4:00 AM	187
5:00 AM	429
6:00 AM	791
7:00 AM	1565
8:00 AM	1945
9:00 AM	1423
10:00 AM	1223
11:00 AM	1386
12:00 PM	1429
1:00 PM	1673
2:00 PM	1885
3:00 PM	2420
4:00 PM	2972
5:00 PM	3239
6:00 PM	2656
7:00 PM	1366
8:00 PM	855
9:00 PM	644
10:00 PM	409
11:00 PM	244
Total	29044



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Jamboree Road - Harvard Avenue

File Name 166
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	200			19	178				
12:15	23	194			21	195				
12:30	11	185			20	173				
12:45	11	167	72	746	9	215	69	761	141	1507
1:00	17	195			12	167				
1:15	16	202			12	185				
1:30	11	182			8	199				
1:45	9	174	53	753	6	236	38	787	91	1540
2:00	10	189			6	287				
2:15	7	194			6	275				
2:30	5	213			11	329				
2:45	5	188	27	784	10	326	33	1217	60	2001
3:00	8	187			6	363				
3:15	5	225			6	398				
3:30	10	207			7	377				
3:45	17	202	40	821	12	378	31	1516	71	2337
4:00	19	268			10	391				
4:15	19	273			10	414				
4:30	44	308			19	413				
4:45	42	343	124	1192	16	415	55	1633	179	2825
5:00	35	376			20	367				
5:15	61	427			29	437				
5:30	78	418			68	366				
5:45	67	357	241	1578	63	341	180	1511	421	3089
6:00	82	298			73	427				
6:15	86	263			79	386				
6:30	102	246			106	309				
6:45	143	201	413	1008	116	276	374	1398	787	2406
7:00	132	205			135	204				
7:15	180	172			184	203				
7:30	209	150			228	143				
7:45	227	149	748	676	258	113	805	663	1553	1339
8:00	207	113			301	113				
8:15	221	136			312	98				
8:30	248	135			352	89				
8:45	214	138	890	522	248	77	1213	377	2103	899
9:00	193	94			215	91				
9:15	178	99			175	100				
9:30	179	86			152	75				
9:45	158	62	708	341	144	60	686	326	1394	667
10:00	121	58			150	53				
10:15	135	62			137	58				
10:30	145	59			161	43				
10:45	158	47	559	226	167	50	615	204	1174	430
11:00	148	44			155	44				
11:15	183	35			148	20				
11:30	167	29			164	19				
11:45	175	21	673	129	162	22	629	105	1302	234
Totals	4548	8776			4728	10498				
Combined Totals		13324				15226				
ADT										28550
AM Peak Hour	745	AM			745	AM				
Volume	903				1223					
P.H.F.	0.910				0.869					
PM Peak Hour		500	PM			400	PM			
Volume		1578				1633				
P.H.F.		0.924				0.984				
Percentage	34.1%	65.9%			31.1%	68.9%				

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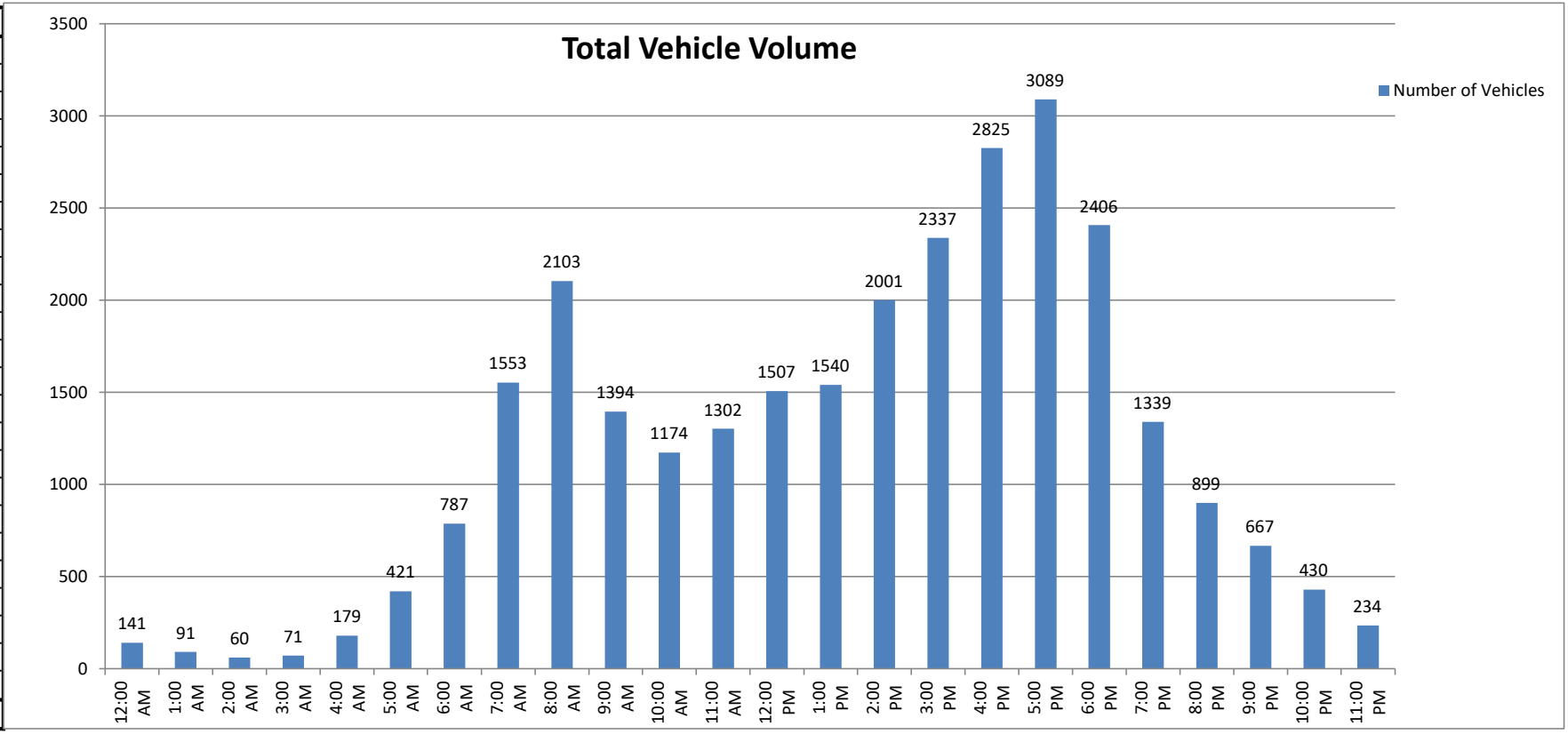
24 Hour Volume Plot

Irvine Center Drive
B/ Jamboree Road - Harvard Avenue
2/15/2024

Start Time	2/15/2024
12:00 AM	141
1:00 AM	91
2:00 AM	60
3:00 AM	71
4:00 AM	179
5:00 AM	421
6:00 AM	787
7:00 AM	1553
8:00 AM	2103
9:00 AM	1394
10:00 AM	1174
11:00 AM	1302
12:00 PM	1507
1:00 PM	1540
2:00 PM	2001
3:00 PM	2337
4:00 PM	2825
5:00 PM	3089
6:00 PM	2406
7:00 PM	1339
8:00 PM	899
9:00 PM	667
10:00 PM	430
11:00 PM	234
Total	28550



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Jamboree Road - Harvard Avenue

File Name 166
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	177			20	173				
12:15	23	180			23	173				
12:30	15	195			16	177				
12:45	11	190	75	742	10	205	69	726	143	1468
1:00	14	194			8	189				
1:15	11	202			11	195				
1:30	12	177			9	207				
1:45	7	202	44	774	7	242	34	833	77	1607
2:00	9	190			6	277				
2:15	6	178			5	265				
2:30	5	190			8	306				
2:45	3	188	23	745	13	351	31	1198	54	1943
3:00	6	207			5	363				
3:15	5	217			5	383				
3:30	8	225			9	373				
3:45	14	216	32	864	10	397	28	1515	60	2379
4:00	16	273			10	393				
4:15	20	301			11	415				
4:30	44	325			19	431				
4:45	44	344	124	1242	21	419	60	1657	183	2899
5:00	41	381			23	387				
5:15	58	446			33	414				
5:30	77	440			61	386				
5:45	72	375	247	1642	62	337	178	1523	425	3164
6:00	76	334			80	438				
6:15	87	281			81	371				
6:30	109	258			110	342				
6:45	145	213	416	1085	104	296	374	1447	789	2531
7:00	123	193			143	227				
7:15	186	184			175	195				
7:30	211	152			234	136				
7:45	227	149	747	678	261	118	813	675	1559	1353
8:00	208	114			269	103				
8:15	222	138			281	96				
8:30	242	141			325	86				
8:45	220	119	891	511	259	82	1134	366	2024	877
9:00	176	86			211	93				
9:15	182	95			188	94				
9:30	180	85			162	71				
9:45	153	65	690	331	159	68	719	325	1409	656
10:00	128	62			157	60				
10:15	135	60			146	55				
10:30	154	57			160	45				
10:45	158	39	574	217	164	44	625	203	1199	420
11:00	157	44			163	34				
11:15	195	36			151	24				
11:30	178	27			164	25				
11:45	181	26	710	133	157	24	635	107	1344	239
Totals	4569	8961			4696	10573				
Combined Totals		13529				15268				
ADT										28797
AM Peak Hour	745	AM			745	AM				
Volume	898				1136					
P.H.F.	0.930				0.873					
PM Peak Hour		500	PM			400	PM			
Volume		1642				1657				
P.H.F.		0.920				0.962				
Percentage	33.8%	66.2%			30.8%	69.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Jeffrey Road - Irvine Valley College

File Name 172
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	162			15	270				
12:15	9	212			15	242				
12:30	6	180			5	213				
12:45	6	202	25	756	7	226	42	951	67	1707
1:00	7	187			4	233				
1:15	4	177			8	215				
1:30	3	187			12	227				
1:45	3	218	17	769	10	234	34	909	51	1678
2:00	2	177			1	272				
2:15	0	163			5	251				
2:30	3	142			4	321				
2:45	6	202	11	684	7	374	17	1218	28	1902
3:00	3	155			3	351				
3:15	5	166			1	349				
3:30	7	127			7	359				
3:45	10	161	25	609	4	433	15	1492	40	2101
4:00	8	147			3	469				
4:15	15	204			4	571				
4:30	32	183			5	443				
4:45	45	214	100	748	8	547	20	2030	120	2778
5:00	22	178			11	467				
5:15	62	221			16	524				
5:30	71	215			23	416				
5:45	68	241	223	855	38	464	88	1871	311	2726
6:00	68	184			29	405				
6:15	64	178			47	359				
6:30	76	160			47	282				
6:45	91	217	299	739	55	302	178	1348	477	2087
7:00	79	135			62	218				
7:15	111	103			108	183				
7:30	185	82			115	129				
7:45	260	88	635	408	138	118	423	648	1058	1056
8:00	303	76			154	131				
8:15	235	81			121	136				
8:30	288	71			132	103				
8:45	336	53	1162	281	152	81	559	451	1721	732
9:00	360	60			143	83				
9:15	258	76			125	130				
9:30	162	43			130	70				
9:45	153	34	933	213	127	67	525	350	1458	563
10:00	144	31			124	60				
10:15	138	27			137	38				
10:30	176	28			148	42				
10:45	230	21	688	107	263	32	672	172	1360	279
11:00	169	11			254	23				
11:15	144	17			187	22				
11:30	157	17			189	30				
11:45	178	12	648	57	220	15	850	90	1498	147
Totals	4766	6226			3423	11530				
Combined Totals		10992				14953				
ADT										25945
AM Peak Hour	830	AM			1045	AM				
Volume	1242				893					
P.H.F.	0.863				0.849					
PM Peak Hour		515	PM			400	PM			
Volume		861				2030				
P.H.F.		0.893				0.889				
Percentage	43.4%	56.6%			22.9%	77.1%				

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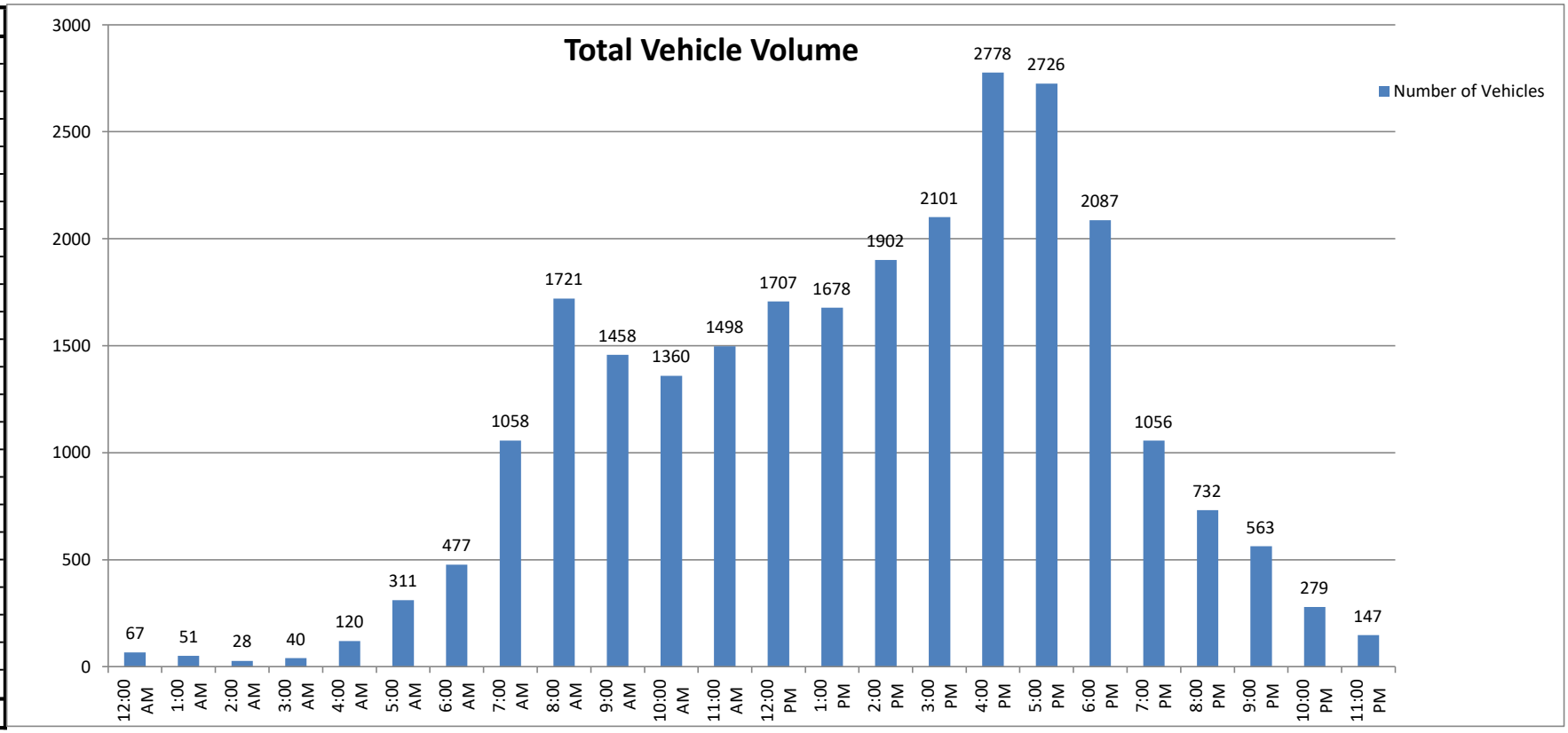
24 Hour Volume Plot

Irvine Center Drive
B/ Jeffrey Road - Irvine Valley College

2/14/2024

Start Time	2/14/2024
12:00 AM	67
1:00 AM	51
2:00 AM	28
3:00 AM	40
4:00 AM	120
5:00 AM	311
6:00 AM	477
7:00 AM	1058
8:00 AM	1721
9:00 AM	1458
10:00 AM	1360
11:00 AM	1498
12:00 PM	1707
1:00 PM	1678
2:00 PM	1902
3:00 PM	2101
4:00 PM	2778
5:00 PM	2726
6:00 PM	2087
7:00 PM	1056
8:00 PM	732
9:00 PM	563
10:00 PM	279
11:00 PM	147
Total	25945



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Jeffrey Road - Irvine Valley College

File Name 172
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	141			15	219				
12:15	14	199			12	245				
12:30	9	177			17	208				
12:45	9	213	42	730	11	245	55	917	97	1647
1:00	4	196			7	291				
1:15	4	164			8	229				
1:30	2	164			7	292				
1:45	3	180	13	704	3	304	25	1116	38	1820
2:00	2	142			3	338				
2:15	3	141			9	300				
2:30	2	148			10	424				
2:45	4	186	11	617	3	452	25	1514	36	2131
3:00	6	143			1	549				
3:15	3	184			6	589				
3:30	10	171			3	555				
3:45	13	163	32	661	8	678	18	2371	50	3032
4:00	11	141			1	668				
4:15	22	184			5	878				
4:30	29	179			6	708				
4:45	46	253	108	757	7	695	19	2949	127	3706
5:00	28	179			12	806				
5:15	58	218			10	849				
5:30	78	206			34	647				
5:45	72	193	236	796	35	561	91	2863	327	3659
6:00	62	139			35	650				
6:15	74	152			45	495				
6:30	79	113			37	438				
6:45	85	178	300	582	52	336	169	1919	469	2501
7:00	84	108			77	300				
7:15	101	83			84	189				
7:30	203	81			121	157				
7:45	276	81	664	353	168	167	450	813	1114	1166
8:00	269	70			149	143				
8:15	290	62			166	119				
8:30	321	52			138	93				
8:45	288	66	1168	250	135	157	588	512	1756	762
9:00	272	75			140	143				
9:15	280	65			121	91				
9:30	212	42			110	73				
9:45	164	37	928	219	125	62	496	369	1424	588
10:00	142	29			135	56				
10:15	147	35			109	44				
10:30	187	41			168	42				
10:45	234	25	710	130	169	45	581	187	1291	317
11:00	163	17			181	35				
11:15	145	18			181	22				
11:30	149	13			177	26				
11:45	172	20	629	68	209	24	748	107	1377	175
Totals	4841	5867			3265	15637				
Combined Totals		10708				18902				
ADT										29610
AM Peak Hour	815	AM			1100	AM				
Volume	1171				748					
P.H.F.	0.912				0.895					
PM Peak Hour		445	PM			415	PM			
Volume		856				3087				
P.H.F.		0.846				0.879				
Percentage	45.2%	54.8%			17.3%	82.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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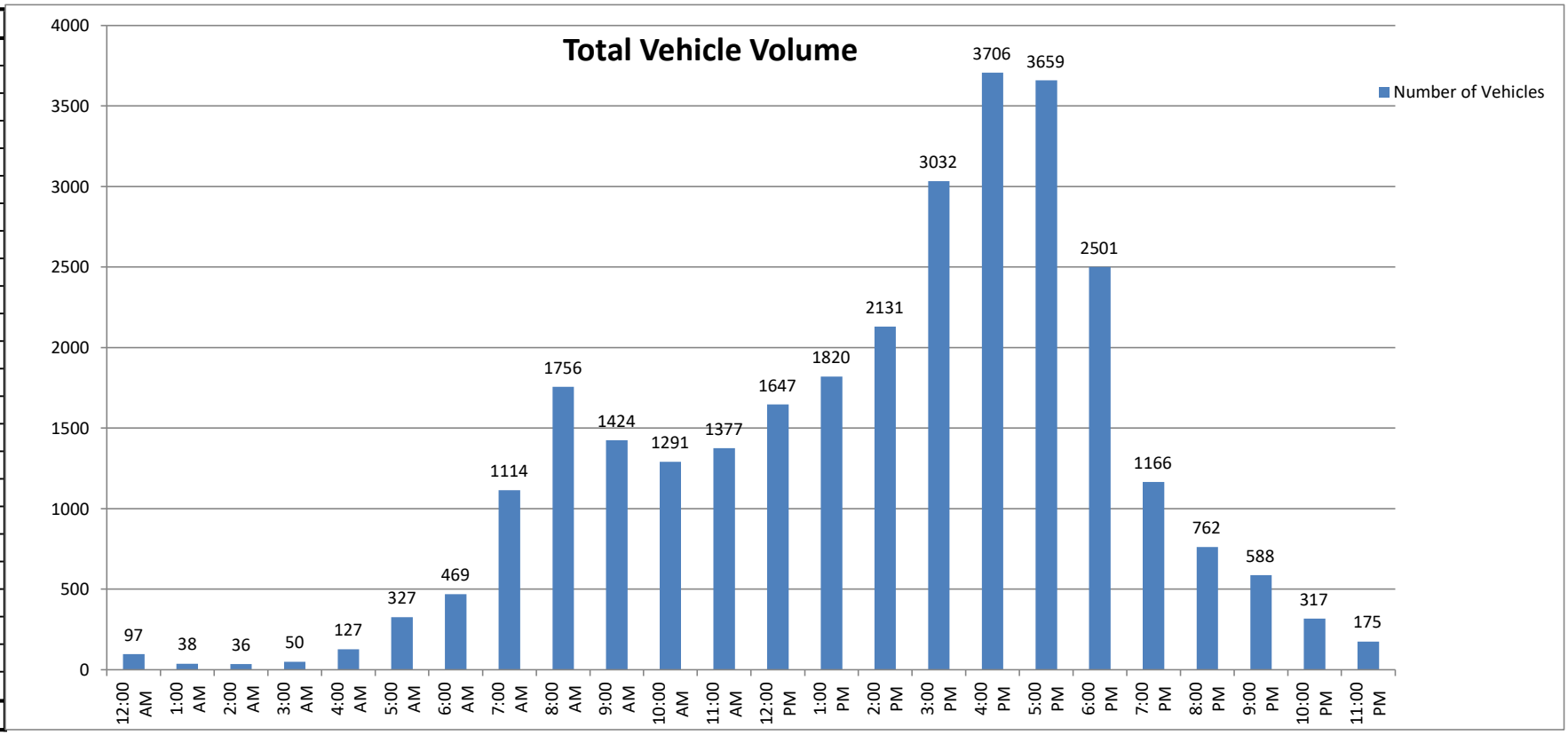
24 Hour Volume Plot

Irvine Center Drive
B/ Jeffrey Road - Irvine Valley College

2/15/2024

Start Time	2/15/2024
12:00 AM	97
1:00 AM	38
2:00 AM	36
3:00 AM	50
4:00 AM	127
5:00 AM	327
6:00 AM	469
7:00 AM	1114
8:00 AM	1756
9:00 AM	1424
10:00 AM	1291
11:00 AM	1377
12:00 PM	1647
1:00 PM	1820
2:00 PM	2131
3:00 PM	3032
4:00 PM	3706
5:00 PM	3659
6:00 PM	2501
7:00 PM	1166
8:00 PM	762
9:00 PM	588
10:00 PM	317
11:00 PM	175
Total	29610



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Jeffrey Road - Irvine Valley College

File Name 172
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	152			15	245				
12:15	12	206			14	244				
12:30	8	179			11	211				
12:45	8	208	34	743	9	236	49	934	82	1677
1:00	6	192			6	262				
1:15	4	171			8	222				
1:30	3	176			10	260				
1:45	3	199	15	737	7	269	30	1013	45	1749
2:00	2	160			2	305				
2:15	2	152			7	276				
2:30	3	145			7	373				
2:45	5	194	11	651	5	413	21	1366	32	2017
3:00	5	149			2	450				
3:15	4	175			4	469				
3:30	9	149			5	457				
3:45	12	162	29	635	6	556	17	1932	45	2567
4:00	10	144			2	569				
4:15	19	194			5	725				
4:30	31	181			6	576				
4:45	46	234	104	753	8	621	20	2490	124	3242
5:00	25	179			12	637				
5:15	60	220			13	687				
5:30	75	211			29	532				
5:45	70	217	230	826	37	513	90	2367	319	3193
6:00	65	162			32	528				
6:15	69	165			46	427				
6:30	78	137			42	360				
6:45	88	198	300	661	54	319	174	1634	473	2294
7:00	82	122			70	259				
7:15	106	93			96	186				
7:30	194	82			118	143				
7:45	268	85	650	381	153	143	437	731	1086	1111
8:00	286	73			152	137				
8:15	263	72			144	128				
8:30	305	62			135	98				
8:45	312	60	1165	266	144	119	574	482	1739	747
9:00	316	68			142	113				
9:15	269	71			123	111				
9:30	187	43			120	72				
9:45	159	36	931	216	126	65	511	360	1441	576
10:00	143	30			130	58				
10:15	143	31			123	41				
10:30	182	35			158	42				
10:45	232	23	699	119	216	39	627	180	1326	298
11:00	166	14			218	29				
11:15	145	18			184	22				
11:30	153	15			183	28				
11:45	175	16	639	63	215	20	799	99	1438	161
Totals	4804	6047			3344	13584				
Combined Totals		10850				16928				
ADT										27778
AM Peak Hour	830	AM			1045	AM				
Volume	1202				801					
P.H.F.	0.951				0.920					
PM Peak Hour		445	PM			415	PM			
Volume		842				2558				
P.H.F.		0.901				0.883				
Percentage	44.3%	55.7%			19.8%	80.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Laguna Canyon Road - Discovery

File Name 178
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	133			11	167				
12:15	1	152			11	148				
12:30	9	161			10	174				
12:45	1	169	16	615	5	166	37	655	53	1270
1:00	1	176			1	173				
1:15	6	147			5	145				
1:30	1	119			10	163				
1:45	6	117	14	559	5	159	21	640	35	1199
2:00	1	160			2	153				
2:15	1	152			3	134				
2:30	10	112			4	178				
2:45	2	100	14	524	3	235	12	700	26	1224
3:00	4	130			1	166				
3:15	4	130			5	165				
3:30	11	132			6	205				
3:45	11	107	30	499	3	253	15	789	45	1288
4:00	8	130			6	231				
4:15	7	150			1	294				
4:30	26	171			2	331				
4:45	24	153	65	604	3	286	12	1142	77	1746
5:00	18	222			13	292				
5:15	43	174			14	372				
5:30	34	177			14	319				
5:45	46	203	141	776	21	238	62	1221	203	1997
6:00	34	162			17	166				
6:15	41	131			26	199				
6:30	45	110			29	149				
6:45	66	91	186	494	61	150	133	664	319	1158
7:00	64	99			39	85				
7:15	65	62			79	105				
7:30	140	59			89	67				
7:45	156	64	425	284	139	63	346	320	771	604
8:00	119	72			137	63				
8:15	151	45			170	67				
8:30	131	42			176	36				
8:45	149	37	550	196	190	41	673	207	1223	403
9:00	142	30			143	51				
9:15	136	44			122	40				
9:30	137	34			90	54				
9:45	99	29	514	137	106	42	461	187	975	324
10:00	116	18			102	46				
10:15	80	15			91	32				
10:30	100	9			90	21				
10:45	135	10	431	52	154	19	437	118	868	170
11:00	118	11			104	11				
11:15	114	5			109	15				
11:30	147	5			137	19				
11:45	190	11	569	32	154	18	504	63	1073	95
Totals	2955	4772			2713	6706				
Combined Totals		7727				9419				
ADT										17146
AM Peak Hour	815	AM			815	AM				
Volume	573				679					
P.H.F.	0.949				0.893					
PM Peak Hour		500	PM			430	PM			
Volume		776				1281				
P.H.F.		0.874				0.861				
Percentage	38.2%	61.8%			28.8%	71.2%				

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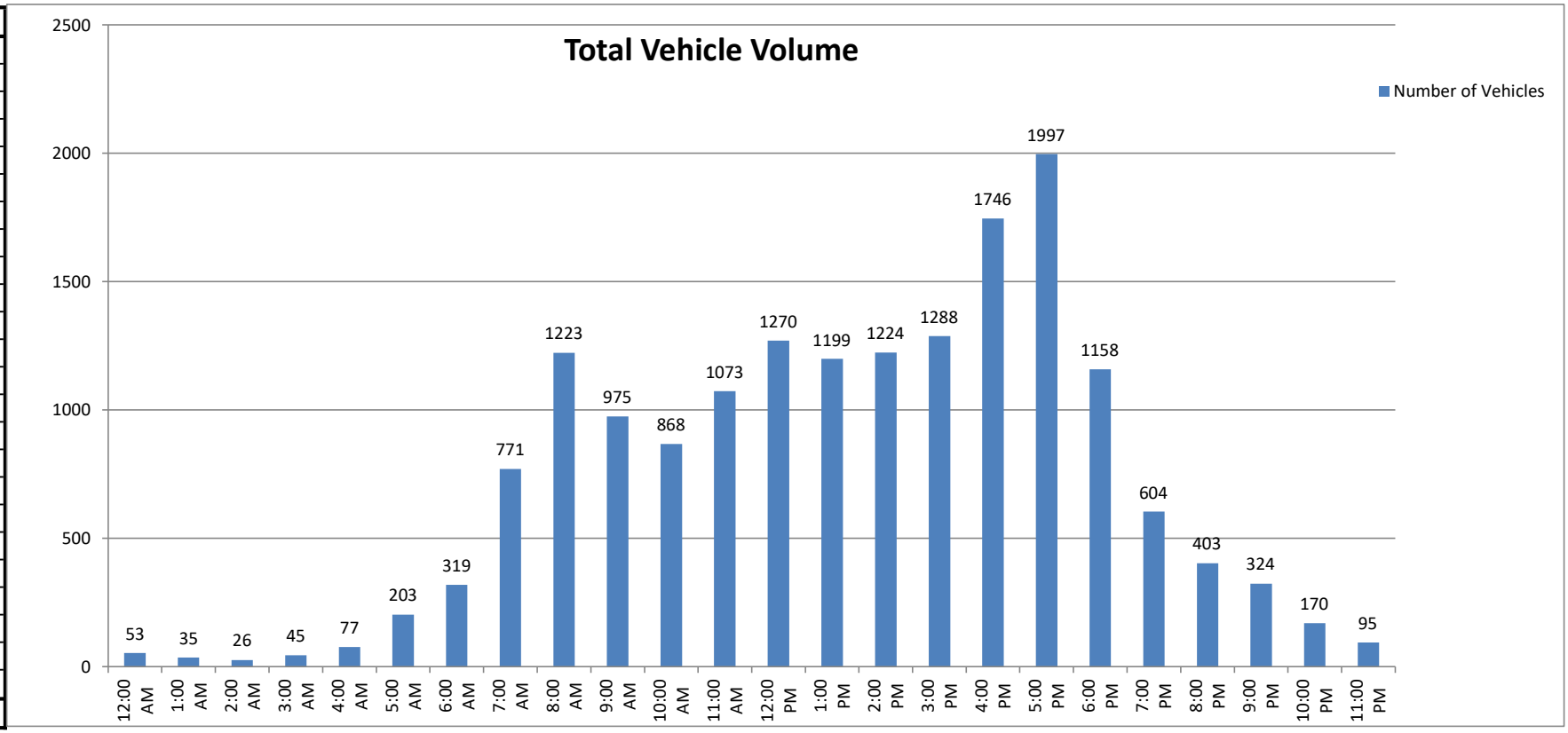
24 Hour Volume Plot

Irvine Center Drive
B/ Laguna Canyon Road - Discovery

2/14/2024

Start Time	2/14/2024
12:00 AM	53
1:00 AM	35
2:00 AM	26
3:00 AM	45
4:00 AM	77
5:00 AM	203
6:00 AM	319
7:00 AM	771
8:00 AM	1223
9:00 AM	975
10:00 AM	868
11:00 AM	1073
12:00 PM	1270
1:00 PM	1199
2:00 PM	1224
3:00 PM	1288
4:00 PM	1746
5:00 PM	1997
6:00 PM	1158
7:00 PM	604
8:00 PM	403
9:00 PM	324
10:00 PM	170
11:00 PM	95
Total	17146



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Laguna Canyon Road - Discovery

File Name 178
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	163			14	152				
12:15	1	184			11	153				
12:30	5	165			13	152				
12:45	4	149	20	661	9	157	47	614	67	1275
1:00	4	169			10	159				
1:15	2	141			14	130				
1:30	3	103			7	162				
1:45	4	85	13	498	7	182	38	633	51	1131
2:00	3	146			2	125				
2:15	7	136			8	154				
2:30	3	116			6	163				
2:45	6	106	19	504	3	227	19	669	38	1173
3:00	2	144			1	205				
3:15	6	145			2	164				
3:30	12	141			5	188				
3:45	12	115	32	545	8	241	16	798	48	1343
4:00	14	161			4	306				
4:15	13	152			1	249				
4:30	32	152			6	262				
4:45	27	201	86	666	6	300	17	1117	103	1783
5:00	22	219			20	322				
5:15	37	204			9	367				
5:30	37	200			18	264				
5:45	46	156	142	779	25	198	72	1151	214	1930
6:00	30	164			19	192				
6:15	52	108			23	156				
6:30	46	85			40	116				
6:45	78	91	206	448	57	114	139	578	345	1026
7:00	50	90			59	106				
7:15	69	73			63	94				
7:30	125	70			93	53				
7:45	158	57	402	290	145	63	360	316	762	606
8:00	127	45			148	39				
8:15	197	47			162	54				
8:30	181	33			157	49				
8:45	169	43	674	168	175	56	642	198	1316	366
9:00	142	44			165	38				
9:15	166	48			120	58				
9:30	179	28			99	55				
9:45	118	22	605	142	88	37	472	188	1077	330
10:00	118	24			88	51				
10:15	101	17			80	26				
10:30	94	16			76	32				
10:45	131	17	444	74	101	34	345	143	789	217
11:00	122	13			129	23				
11:15	116	9			114	16				
11:30	138	12			141	22				
11:45	168	2	544	36	118	11	502	72	1046	108
Totals	3187	4811			2669	6477				
Combined Totals		7998				9146				
ADT										17144
AM Peak Hour	815	AM			815	AM				
Volume	689				659					
P.H.F.	0.874				0.941					
PM Peak Hour		445	PM			445	PM			
Volume		824				1253				
P.H.F.		0.941				0.854				
Percentage	39.8%	60.2%			29.2%	70.8%				

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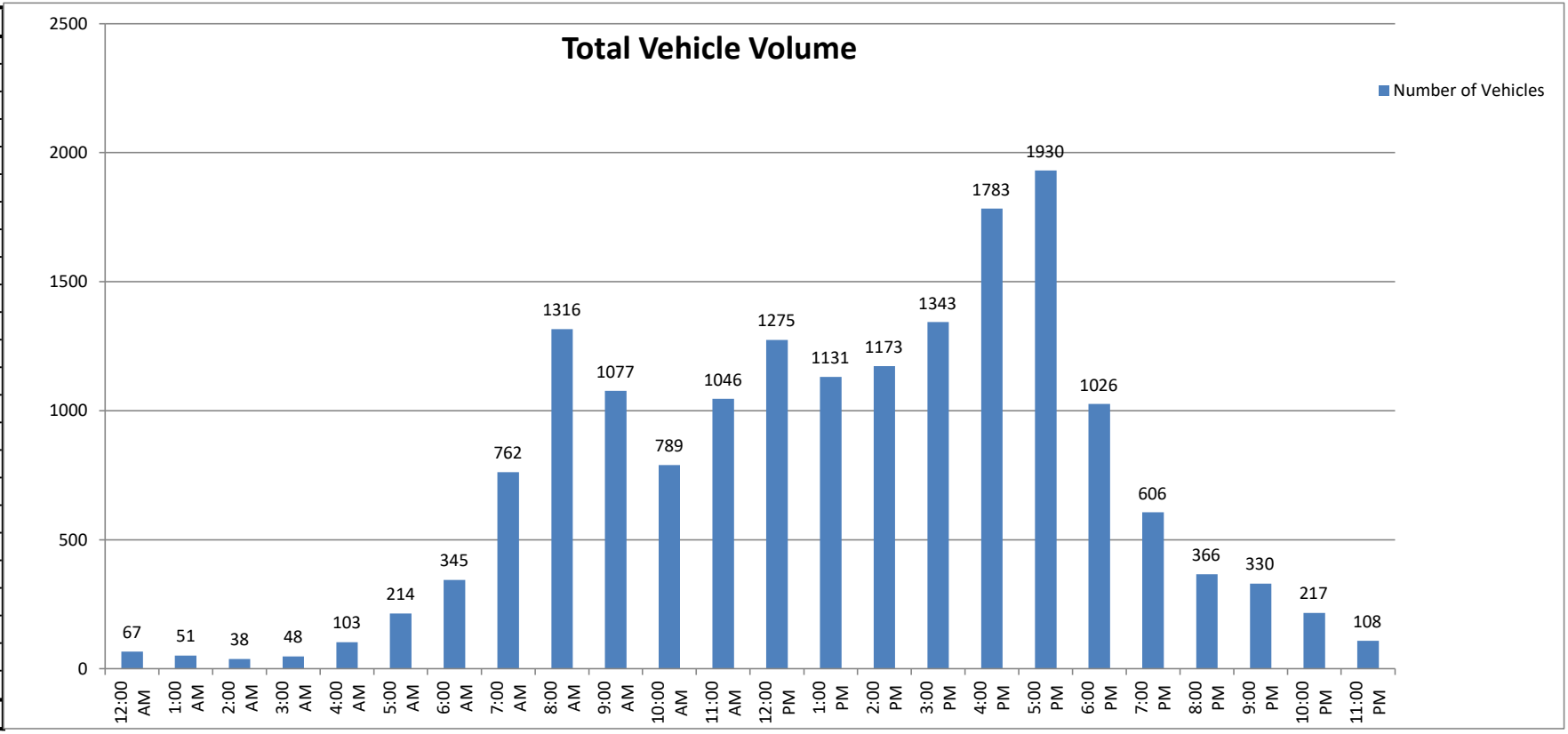
24 Hour Volume Plot

Irvine Center Drive
B/ Laguna Canyon Road - Discovery

2/15/2024

Start Time	2/15/2024
12:00 AM	67
1:00 AM	51
2:00 AM	38
3:00 AM	48
4:00 AM	103
5:00 AM	214
6:00 AM	345
7:00 AM	762
8:00 AM	1316
9:00 AM	1077
10:00 AM	789
11:00 AM	1046
12:00 PM	1275
1:00 PM	1131
2:00 PM	1173
3:00 PM	1343
4:00 PM	1783
5:00 PM	1930
6:00 PM	1026
7:00 PM	606
8:00 PM	366
9:00 PM	330
10:00 PM	217
11:00 PM	108
Total	17144



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Laguna Canyon Road - Discovery

File Name 178
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	148			13	160				
12:15	1	168			11	151				
12:30	7	163			12	163				
12:45	3	159	18	638	7	162	42	635	60	1273
1:00	3	173			6	166				
1:15	4	144			10	138				
1:30	2	111			9	163				
1:45	5	101	14	529	6	171	30	637	43	1165
2:00	2	153			2	139				
2:15	4	144			6	144				
2:30	7	114			5	171				
2:45	4	103	17	514	3	231	16	685	32	1199
3:00	3	137			1	186				
3:15	5	138			4	165				
3:30	12	137			6	197				
3:45	12	111	31	522	6	247	16	794	47	1316
4:00	11	146			5	269				
4:15	10	151			1	272				
4:30	29	162			4	297				
4:45	26	177	76	635	5	293	15	1130	90	1765
5:00	20	221			17	307				
5:15	40	189			12	370				
5:30	36	189			16	292				
5:45	46	180	142	778	23	218	67	1186	209	1964
6:00	32	163			18	179				
6:15	47	120			25	178				
6:30	46	98			35	133				
6:45	72	91	196	471	59	132	136	621	332	1092
7:00	57	95			49	96				
7:15	67	68			71	100				
7:30	133	65			91	60				
7:45	157	61	414	287	142	63	353	318	767	605
8:00	123	59			143	51				
8:15	174	46			166	61				
8:30	156	38			167	43				
8:45	159	40	612	182	183	49	658	203	1270	385
9:00	142	37			154	45				
9:15	151	46			121	49				
9:30	158	31			95	55				
9:45	109	26	560	140	97	40	467	188	1026	327
10:00	117	21			95	49				
10:15	91	16			86	29				
10:30	97	13			83	27				
10:45	133	14	438	63	128	27	391	131	829	194
11:00	120	12			117	17				
11:15	115	7			112	16				
11:30	143	9			139	21				
11:45	179	7	557	34	136	15	503	68	1060	102
Totals	3071	4792			2691	6592				
Combined Totals		7863				9283				
ADT										17145
AM Peak Hour	815	AM			815	AM				
Volume	631				669					
P.H.F.	0.907				0.916					
PM Peak Hour		500	PM			430	PM			
Volume		778				1266				
P.H.F.		0.882				0.857				
Percentage	39.1%	60.9%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Irvine Center Drive
B/ Odyssey - Laguna Canyon Road

File Name 177
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	128			9	121				
12:15	2	163			12	131				
12:30	5	130			8	124				
12:45	1	182	14	603	5	116	34	492	48	1095
1:00	2	177			4	112				
1:15	2	156			5	117				
1:30	1	135			7	109				
1:45	3	139	8	607	4	119	20	457	28	1064
2:00	1	147			1	96				
2:15	0	134			4	100				
2:30	9	105			4	140				
2:45	1	97	11	483	3	156	12	492	23	975
3:00	3	108			2	139				
3:15	4	103			5	136				
3:30	10	113			5	168				
3:45	13	102	30	426	5	190	17	633	47	1059
4:00	11	110			7	196				
4:15	10	131			2	238				
4:30	28	134			3	270				
4:45	41	128	90	503	6	263	18	967	108	1470
5:00	23	163			12	275				
5:15	50	141			7	309				
5:30	51	149			20	303				
5:45	41	165	165	618	31	206	70	1093	235	1711
6:00	47	132			21	212				
6:15	43	104			35	198				
6:30	49	96			26	145				
6:45	68	81	207	413	47	133	129	688	336	1101
7:00	57	83			22	71				
7:15	75	52			56	95				
7:30	115	56			67	54				
7:45	144	56	391	247	96	46	241	266	632	513
8:00	118	58			90	54				
8:15	147	40			119	47				
8:30	134	40			107	34				
8:45	140	34	539	172	109	30	425	165	964	337
9:00	137	34			98	42				
9:15	127	42			84	36				
9:30	111	35			54	45				
9:45	97	27	472	138	62	28	298	151	770	289
10:00	102	16			75	44				
10:15	73	16			67	21				
10:30	79	7			65	19				
10:45	115	11	369	50	98	19	305	103	674	153
11:00	107	7			85	11				
11:15	101	5			86	12				
11:30	126	5			104	13				
11:45	166	7	500	24	125	18	400	54	900	78
Totals	2796	4284			1969	5561				
Combined Totals		7080				7530				
ADT										14610
AM Peak Hour	815 AM				815 AM					
Volume	558				433					
P.H.F.	0.949				0.910					
PM Peak Hour		1215 PM				445 PM				
Volume		652				1150				
P.H.F.		0.896				0.930				
Percentage	39.5%	60.5%			26.1%	73.9%				

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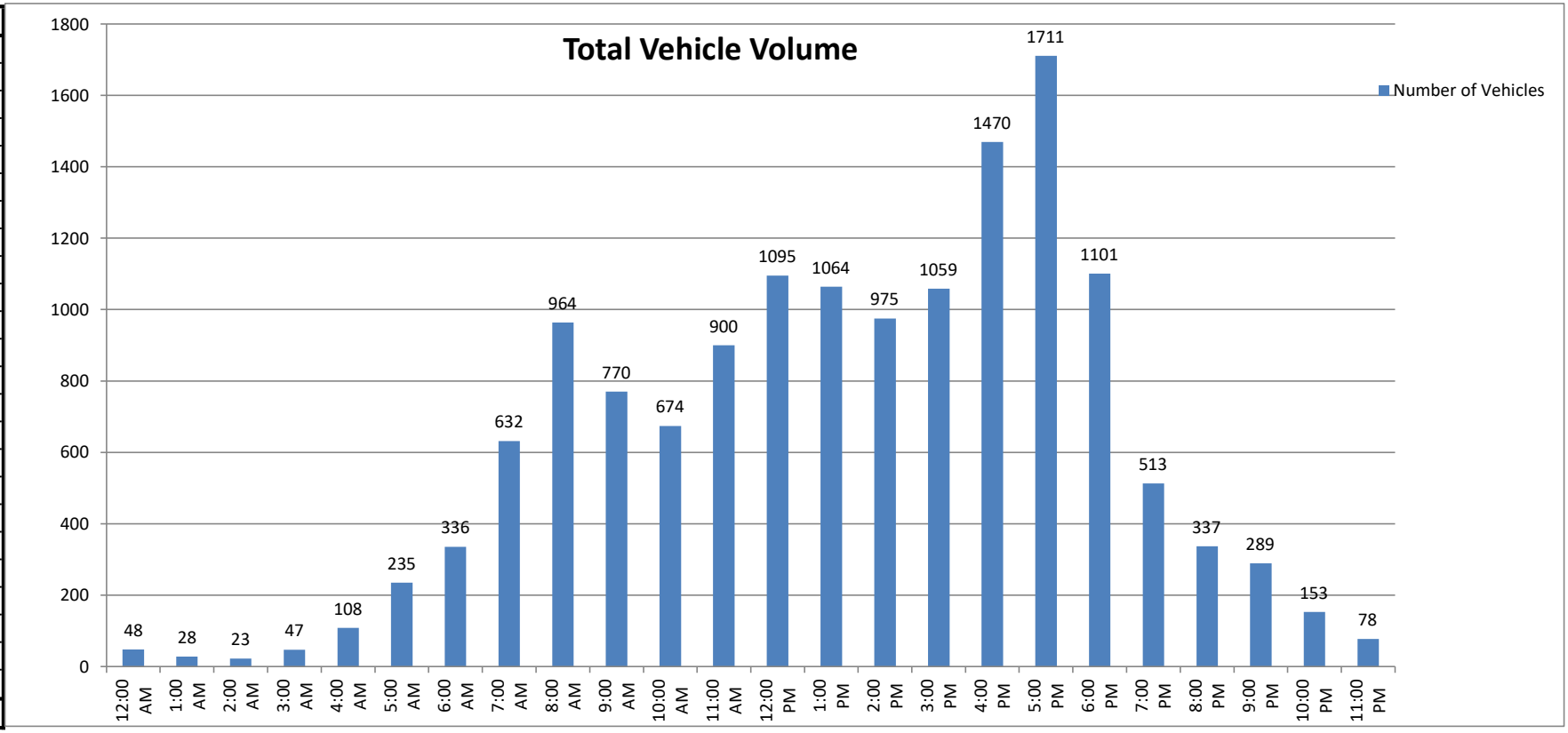
24 Hour Volume Plot

Irvine Center Drive
B/ Odyssey - Laguna Canyon Road

2/14/2024

Start Time	2/14/2024
12:00 AM	48
1:00 AM	28
2:00 AM	23
3:00 AM	47
4:00 AM	108
5:00 AM	235
6:00 AM	336
7:00 AM	632
8:00 AM	964
9:00 AM	770
10:00 AM	674
11:00 AM	900
12:00 PM	1095
1:00 PM	1064
2:00 PM	975
3:00 PM	1059
4:00 PM	1470
5:00 PM	1711
6:00 PM	1101
7:00 PM	513
8:00 PM	337
9:00 PM	289
10:00 PM	153
11:00 PM	78
Total	14610



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Odyssey - Laguna Canyon Road

File Name 177
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	123			11	130				
12:15	2	179			11	111				
12:30	5	172			14	126				
12:45	5	187	20	661	10	104	46	471	66	1132
1:00	3	192			4	93				
1:15	1	130			8	92				
1:30	3	135			5	102				
1:45	3	111	10	568	4	133	21	420	31	988
2:00	6	136			3	86				
2:15	6	118			6	104				
2:30	2	116			6	126				
2:45	4	121	18	491	3	147	18	463	36	954
3:00	2	119			1	168				
3:15	5	128			3	152				
3:30	10	124			2	142				
3:45	12	94	29	465	7	213	13	675	42	1140
4:00	13	123			7	227				
4:15	15	114			1	233				
4:30	40	128			3	233				
4:45	31	151	99	516	5	249	16	942	115	1458
5:00	25	150			9	289				
5:15	41	174			9	315				
5:30	53	161			26	235				
5:45	50	131	169	616	32	194	76	1033	245	1649
6:00	33	122			29	205				
6:15	47	86			28	191				
6:30	48	78			28	103				
6:45	86	81	214	367	44	96	129	595	343	962
7:00	45	87			48	96				
7:15	77	64			45	70				
7:30	108	54			65	45				
7:45	132	52	362	257	102	54	260	265	622	522
8:00	128	42			103	30				
8:15	176	38			102	47				
8:30	157	36			112	40				
8:45	168	38	629	154	101	44	418	161	1047	315
9:00	139	44			98	31				
9:15	129	49			78	41				
9:30	142	31			63	37				
9:45	109	23	519	147	61	32	300	141	819	288
10:00	101	25			53	34				
10:15	82	16			59	17				
10:30	91	17			60	25				
10:45	117	15	391	73	64	27	236	103	627	176
11:00	110	9			89	16				
11:15	109	7			81	12				
11:30	104	11			115	16				
11:45	149	2	472	29	94	6	379	50	851	79
Totals	2932	4344			1912	5319				
Combined Totals		7276				7231				
ADT										14507
AM Peak Hour	815	AM			745	AM				
Volume	640				419					
P.H.F.	0.909				0.935					
PM Peak Hour		1215	PM			445	PM			
Volume		730				1088				
P.H.F.		0.951				0.863				
Percentage	40.3%	59.7%			26.4%	73.6%				

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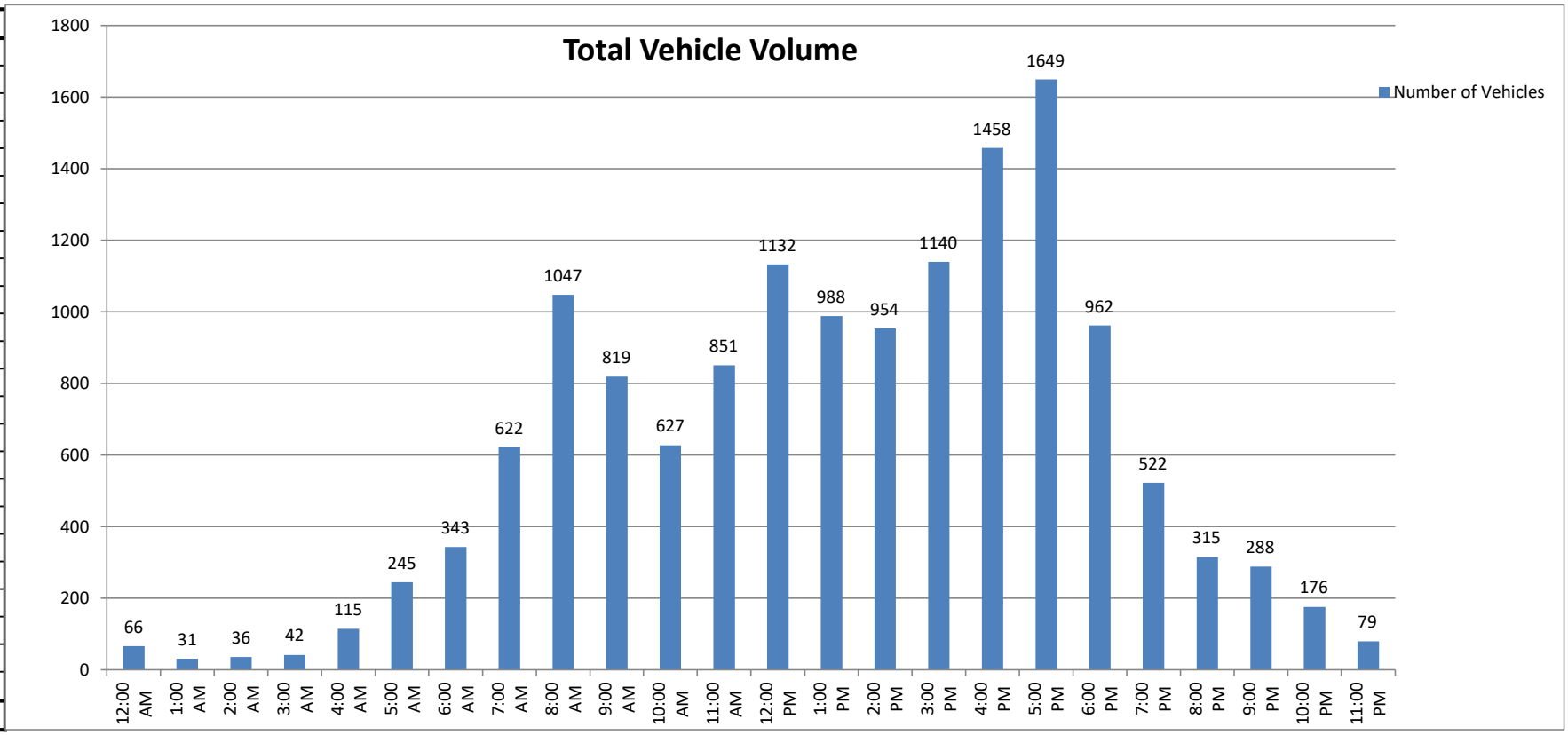
24 Hour Volume Plot

Irvine Center Drive
B/ Odyssey - Laguna Canyon Road

2/15/2024

Start Time	2/15/2024
12:00 AM	66
1:00 AM	31
2:00 AM	36
3:00 AM	42
4:00 AM	115
5:00 AM	245
6:00 AM	343
7:00 AM	622
8:00 AM	1047
9:00 AM	819
10:00 AM	627
11:00 AM	851
12:00 PM	1132
1:00 PM	988
2:00 PM	954
3:00 PM	1140
4:00 PM	1458
5:00 PM	1649
6:00 PM	962
7:00 PM	522
8:00 PM	315
9:00 PM	288
10:00 PM	176
11:00 PM	79
Total	14507



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counts@countsunlimited.com
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City of Irvine
Irvine Center Drive
B/ Odyssey - Laguna Canyon Road

File Name 177
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	126			10	126				
12:15	2	171			12	121				
12:30	5	151			11	125				
12:45	3	185	17	632	8	110	40	482	57	1114
1:00	3	185			4	103				
1:15	2	143			7	105				
1:30	2	135			6	106				
1:45	3	125	9	588	4	126	21	439	30	1026
2:00	4	142			2	91				
2:15	3	126			5	102				
2:30	6	111			5	133				
2:45	3	109	15	487	3	152	15	478	30	965
3:00	3	114			2	154				
3:15	5	116			4	144				
3:30	10	119			4	155				
3:45	13	98	30	446	6	202	15	654	45	1100
4:00	12	117			7	212				
4:15	13	123			2	236				
4:30	34	131			3	252				
4:45	36	140	95	510	6	256	17	955	112	1464
5:00	24	157			11	282				
5:15	46	158			8	312				
5:30	52	155			23	269				
5:45	46	148	167	617	32	200	73	1063	240	1680
6:00	40	127			25	209				
6:15	45	95			32	195				
6:30	49	87			27	124				
6:45	77	81	211	390	46	115	129	642	340	1032
7:00	51	85			35	84				
7:15	76	58			51	83				
7:30	112	55			66	50				
7:45	138	54	377	252	99	50	251	266	627	518
8:00	123	50			97	42				
8:15	162	39			111	47				
8:30	146	38			110	37				
8:45	154	36	584	163	105	37	422	163	1006	326
9:00	138	39			98	37				
9:15	128	46			81	39				
9:30	127	33			59	41				
9:45	103	25	496	143	62	30	299	146	795	289
10:00	102	21			64	39				
10:15	78	16			63	19				
10:30	85	12			63	22				
10:45	116	13	380	62	81	23	271	103	651	165
11:00	109	8			87	14				
11:15	105	6			84	12				
11:30	115	8			110	15				
11:45	158	5	486	27	110	12	390	52	876	79
Totals	2864	4314			1941	5440				
Combined Totals		7178				7381				
ADT										14559
AM Peak Hour	815	AM			815	AM				
Volume	599				423					
P.H.F.	0.927				0.957					
PM Peak Hour		1215	PM			445	PM			
Volume		691				1119				
P.H.F.		0.936				0.897				
Percentage	39.9%	60.1%			26.3%	73.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Irvine Center Drive
B/ Orange Tree - Valley Oak Drive

File Name 174
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	115			13	204				
12:15	6	147			15	196				
12:30	3	124			12	171				
12:45	4	181	14	567	4	196	44	767	58	1334
1:00	4	177			3	168				
1:15	2	172			8	156				
1:30	3	128			13	162				
1:45	3	163	12	640	10	184	34	670	46	1310
2:00	1	159			2	194				
2:15	0	129			5	191				
2:30	1	129			4	291				
2:45	5	123	7	540	8	316	19	992	26	1532
3:00	6	144			1	318				
3:15	4	155			1	278				
3:30	9	124			7	322				
3:45	9	126	28	549	3	362	12	1280	40	1829
4:00	8	106			2	433				
4:15	19	148			3	425				
4:30	38	139			1	470				
4:45	51	152	116	545	6	436	12	1764	128	2309
5:00	24	155			7	433				
5:15	55	167			8	434				
5:30	81	170			15	433				
5:45	62	177	222	669	32	328	62	1628	284	2297
6:00	60	167			23	345				
6:15	72	146			35	321				
6:30	83	107			36	272				
6:45	102	104	317	524	48	238	142	1176	459	1700
7:00	87	112			44	138				
7:15	109	78			70	156				
7:30	149	61			78	98				
7:45	199	55	544	306	119	90	311	482	855	788
8:00	222	71			124	75				
8:15	221	59			115	70				
8:30	183	72			125	59				
8:45	196	54	822	256	161	60	525	264	1347	520
9:00	182	40			156	70				
9:15	165	62			136	40				
9:30	136	31			99	53				
9:45	115	28	598	161	112	43	503	206	1101	367
10:00	134	30			102	47				
10:15	103	17			116	37				
10:30	94	23			119	28				
10:45	158	14	489	84	140	30	477	142	966	226
11:00	134	10			135	21				
11:15	121	8			147	18				
11:30	126	13			154	20				
11:45	123	5	504	36	191	13	627	72	1131	108
Totals	3673	4877			2768	9443				
Combined Totals		8550				12211				
ADT										20761
AM Peak Hour	745	AM			1100	AM				
Volume	825				627					
P.H.F.	0.929				0.821					
PM Peak Hour		515	PM			430	PM			
Volume		681				1773				
P.H.F.		0.962				0.943				
Percentage	43.0%	57.0%			22.7%	77.3%				

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Counts Unlimited, Inc.
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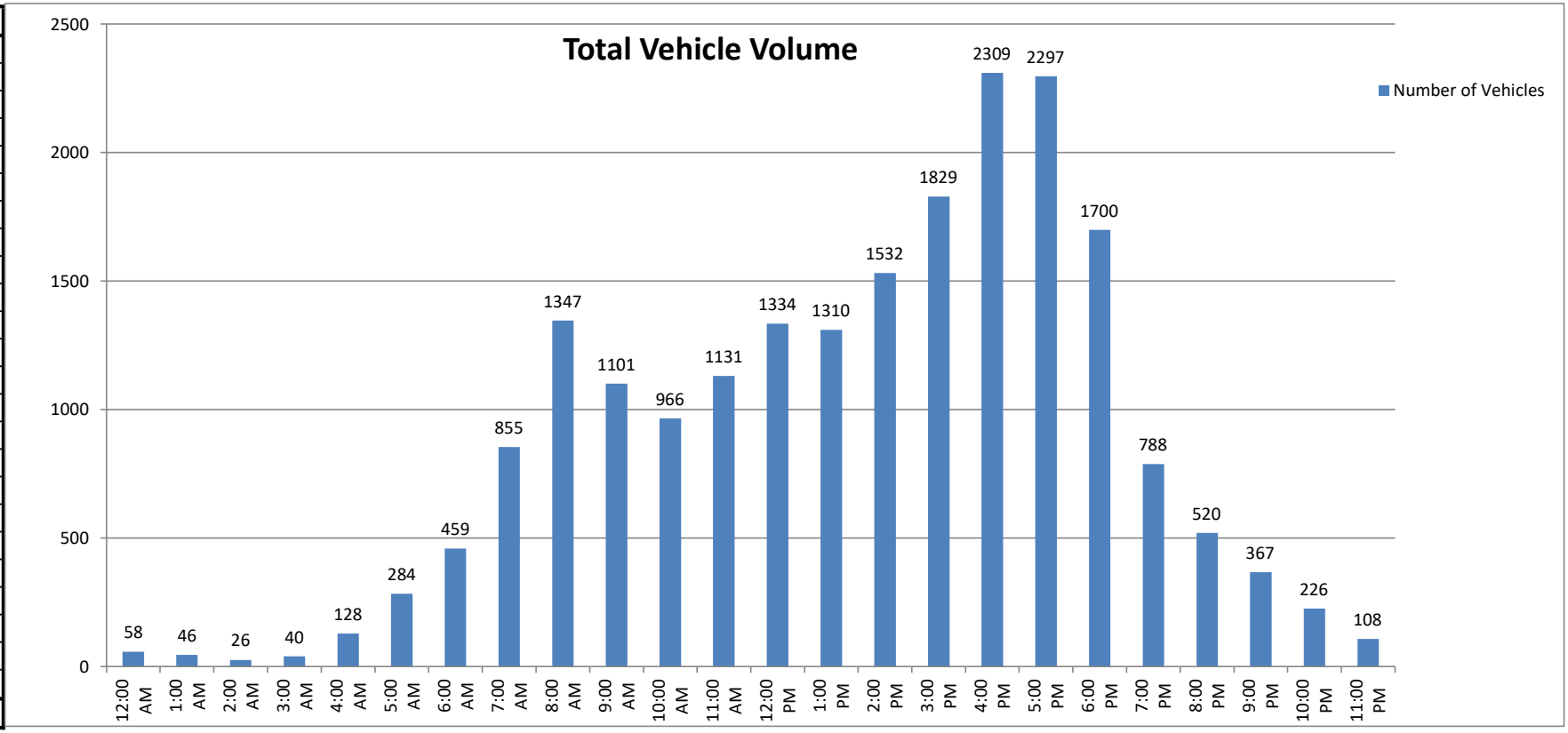
24 Hour Volume Plot

Irvine Center Drive
B/ Orange Tree - Valley Oak Drive

2/14/2024

Start Time	2/14/2024
12:00 AM	58
1:00 AM	46
2:00 AM	26
3:00 AM	40
4:00 AM	128
5:00 AM	284
6:00 AM	459
7:00 AM	855
8:00 AM	1347
9:00 AM	1101
10:00 AM	966
11:00 AM	1131
12:00 PM	1334
1:00 PM	1310
2:00 PM	1532
3:00 PM	1829
4:00 PM	2309
5:00 PM	2297
6:00 PM	1700
7:00 PM	788
8:00 PM	520
9:00 PM	367
10:00 PM	226
11:00 PM	108
Total	20761



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Orange Tree - Valley Oak Drive

File Name 174
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	90			17	198				
12:15	7	158			12	181				
12:30	6	144			13	140				
12:45	5	168	26	560	10	187	52	706	78	1266
1:00	3	151			6	147				
1:15	2	169			9	142				
1:30	3	118			7	185				
1:45	3	133	11	571	2	188	24	662	35	1233
2:00	0	113			3	183				
2:15	3	131			8	181				
2:30	2	131			10	263				
2:45	3	144	8	519	3	267	24	894	32	1413
3:00	5	129			0	340				
3:15	3	164			4	285				
3:30	11	127			2	293				
3:45	13	114	32	534	5	347	11	1265	43	1799
4:00	11	115			1	394				
4:15	20	124			3	438				
4:30	37	139			3	408				
4:45	50	146	118	524	5	421	12	1661	130	2185
5:00	30	135			8	484				
5:15	60	160			6	473				
5:30	72	182			25	339				
5:45	73	147	235	624	28	289	67	1585	302	2209
6:00	58	138			34	377				
6:15	76	100			35	331				
6:30	83	96			24	233				
6:45	92	115	309	449	41	210	134	1151	443	1600
7:00	85	95			56	137				
7:15	88	61			61	126				
7:30	171	70			82	101				
7:45	206	83	550	309	145	86	344	450	894	759
8:00	212	66			129	78				
8:15	213	61			136	73				
8:30	237	44			129	60				
8:45	224	56	886	227	156	66	550	277	1436	504
9:00	180	81			144	68				
9:15	182	64			120	56				
9:30	156	33			78	50				
9:45	140	25	658	203	96	31	438	205	1096	408
10:00	114	25			100	48				
10:15	124	19			66	38				
10:30	112	25			125	32				
10:45	140	13	490	82	128	33	419	151	909	233
11:00	104	12			122	28				
11:15	102	13			155	18				
11:30	132	7			160	13				
11:45	135	6	473	38	175	13	612	72	1085	110
Totals	3796	4640			2687	9079				
Combined Totals		8436				11766				
ADT										20202
AM Peak Hour	800	AM			1100	AM				
Volume	886				612					
P.H.F.	0.935				0.874					
PM Peak Hour		1230	PM			430	PM			
Volume		632				1786				
P.H.F.		0.935				0.923				
Percentage	45.0%	55.0%			22.8%	77.2%				

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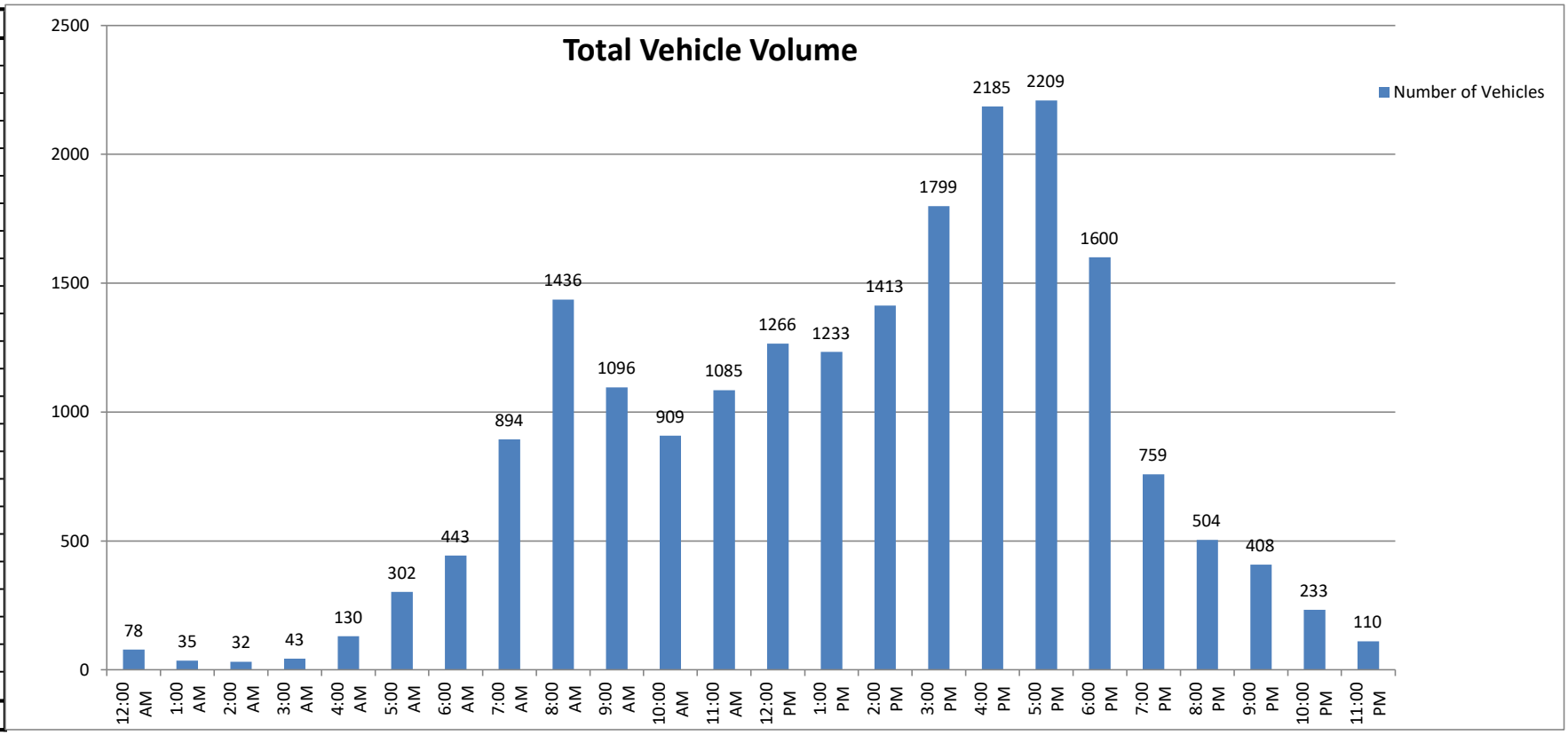
24 Hour Volume Plot

Irvine Center Drive
B/ Orange Tree - Valley Oak Drive

2/15/2024

Start Time	2/15/2024
12:00 AM	78
1:00 AM	35
2:00 AM	32
3:00 AM	43
4:00 AM	130
5:00 AM	302
6:00 AM	443
7:00 AM	894
8:00 AM	1436
9:00 AM	1096
10:00 AM	909
11:00 AM	1085
12:00 PM	1266
1:00 PM	1233
2:00 PM	1413
3:00 PM	1799
4:00 PM	2185
5:00 PM	2209
6:00 PM	1600
7:00 PM	759
8:00 PM	504
9:00 PM	408
10:00 PM	233
11:00 PM	110
Total	20202



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Irvine Center Drive
B/ Orange Tree - Valley Oak Drive

File Name 174
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	103			15	201				
12:15	7	153			14	189				
12:30	5	134			13	156				
12:45	5	175	20	564	7	192	48	737	68	1300
1:00	4	164			5	158				
1:15	2	171			9	149				
1:30	3	123			10	174				
1:45	3	148	12	606	6	186	29	666	41	1272
2:00	1	136			3	189				
2:15	2	130			7	186				
2:30	2	130			7	277				
2:45	4	134	8	530	6	292	22	943	29	1473
3:00	6	137			1	329				
3:15	4	160			3	282				
3:30	10	126			5	308				
3:45	11	120	30	542	4	355	12	1273	42	1814
4:00	10	111			2	414				
4:15	20	136			3	432				
4:30	38	139			2	439				
4:45	51	149	117	535	6	429	12	1713	129	2247
5:00	27	145			8	459				
5:15	58	164			7	454				
5:30	77	176			20	386				
5:45	68	162	229	647	30	309	65	1607	293	2253
6:00	59	153			29	361				
6:15	74	123			35	326				
6:30	83	102			30	253				
6:45	97	110	313	487	45	224	138	1164	451	1650
7:00	86	104			50	138				
7:15	99	70			66	141				
7:30	160	66			80	100				
7:45	203	69	547	308	132	88	328	466	875	774
8:00	217	69			127	77				
8:15	217	60			126	72				
8:30	210	58			127	60				
8:45	210	55	854	242	159	63	538	271	1392	512
9:00	181	61			150	69				
9:15	174	63			128	48				
9:30	146	32			89	52				
9:45	128	27	628	182	104	37	471	206	1099	388
10:00	124	28			101	48				
10:15	114	18			91	38				
10:30	103	24			122	30				
10:45	149	14	490	83	134	32	448	147	938	230
11:00	119	11			129	25				
11:15	112	11			151	18				
11:30	129	10			157	17				
11:45	129	6	489	37	183	13	620	72	1108	109
Totals	3735	4759			2728	9261				
Combined Totals		8493				11989				
ADT										20482
AM Peak Hour	800	AM			1100	AM				
Volume	854				620					
P.H.F.	0.984				0.846					
PM Peak Hour		515	PM			430	PM			
Volume		654				1780				
P.H.F.		0.929				0.970				
Percentage	44.0%	56.0%			22.8%	77.2%				

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City of Irvine
Irvine Center Drive
B/ Red Hill Avenue - Jamboree Road

File Name 165
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	138			22	134				
12:15	12	158			16	180				
12:30	11	167			18	162				
12:45	10	196	52	659	10	151	66	627	118	1286
1:00	10	186			6	186				
1:15	3	164			4	182				
1:30	8	149			12	179				
1:45	5	203	26	702	9	217	31	764	57	1466
2:00	2	182			8	269				
2:15	8	167			4	264				
2:30	3	155			3	274				
2:45	4	150	17	654	13	344	28	1151	45	1805
3:00	3	216			4	373				
3:15	3	237			4	372				
3:30	8	197			6	354				
3:45	7	228	21	878	7	413	21	1512	42	2390
4:00	10	232			10	399				
4:15	20	265			17	383				
4:30	43	264			9	441				
4:45	46	266	119	1027	10	486	46	1709	165	2736
5:00	41	300			23	408				
5:15	63	359			49	441				
5:30	77	360			24	319				
5:45	78	296	259	1315	82	325	178	1493	437	2808
6:00	73	275			87	329				
6:15	110	241			70	373				
6:30	111	205			118	345				
6:45	137	203	431	924	102	300	377	1347	808	2271
7:00	114	129			127	216				
7:15	155	132			180	149				
7:30	183	114			206	122				
7:45	205	103	657	478	279	91	792	578	1449	1056
8:00	208	83			243	67				
8:15	174	79			238	64				
8:30	153	84			283	62				
8:45	210	64	745	310	269	61	1033	254	1778	564
9:00	174	61			215	71				
9:15	154	49			202	59				
9:30	171	59			162	55				
9:45	144	45	643	214	168	49	747	234	1390	448
10:00	125	33			144	43				
10:15	127	40			164	48				
10:30	147	25			135	43				
10:45	150	28	549	126	145	30	588	164	1137	290
11:00	136	24			152	31				
11:15	159	18			146	30				
11:30	173	23			163	18				
11:45	161	16	629	81	120	27	581	106	1210	187
Totals	4148	7368			4488	9939				
Combined Totals		11516				14427				
ADT										25943
AM Peak Hour	730	AM			745	AM				
Volume	770				1043					
P.H.F.	0.925				0.921					
PM Peak Hour		500	PM			430	PM			
Volume		1315				1776				
P.H.F.		0.913				0.914				
Percentage	36.0%	64.0%			31.1%	68.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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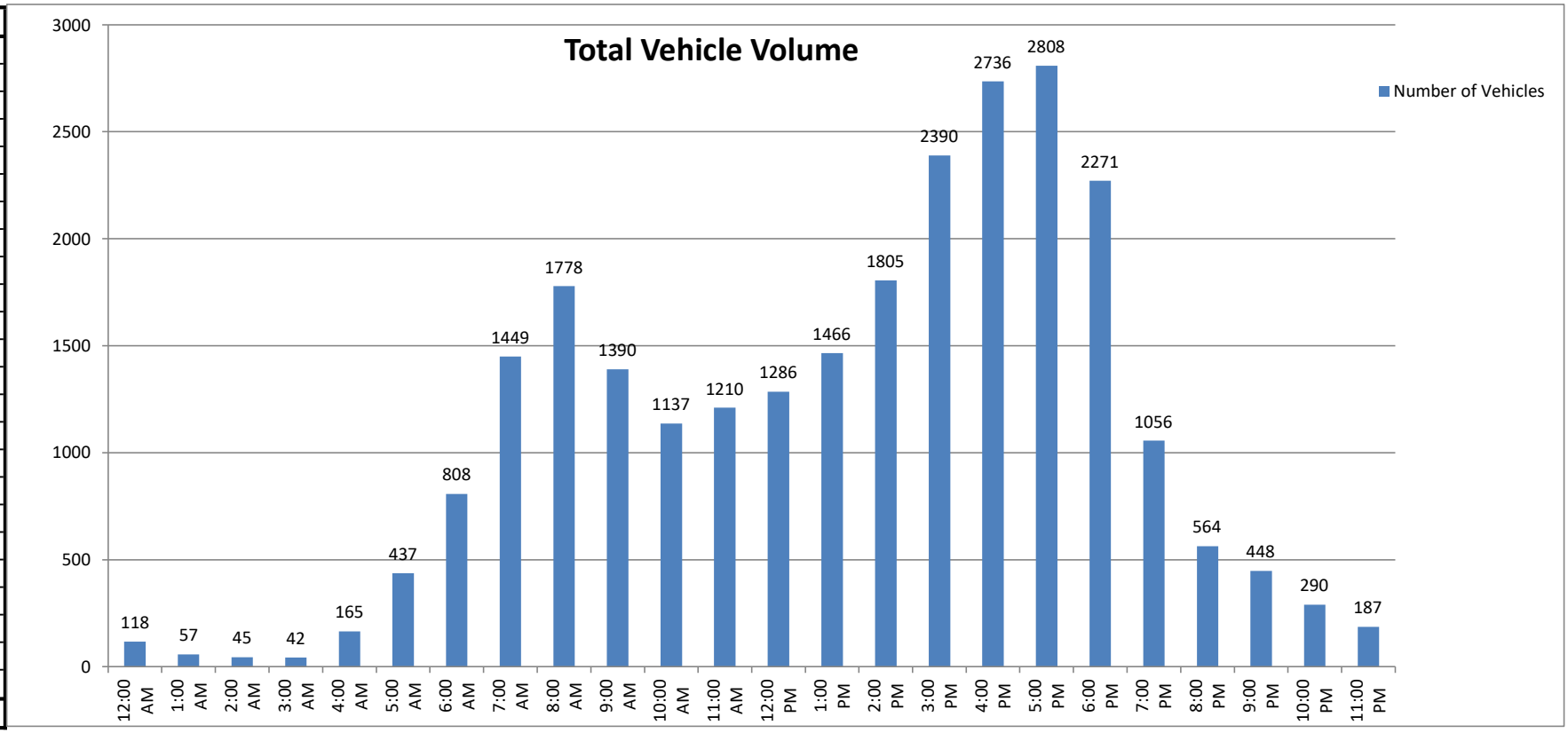
24 Hour Volume Plot

Irvine Center Drive
B/ Red Hill Avenue - Jamboree Road
2/14/2024

Start Time	2/14/2024
12:00 AM	118
1:00 AM	57
2:00 AM	45
3:00 AM	42
4:00 AM	165
5:00 AM	437
6:00 AM	808
7:00 AM	1449
8:00 AM	1778
9:00 AM	1390
10:00 AM	1137
11:00 AM	1210
12:00 PM	1286
1:00 PM	1466
2:00 PM	1805
3:00 PM	2390
4:00 PM	2736
5:00 PM	2808
6:00 PM	2271
7:00 PM	1056
8:00 PM	564
9:00 PM	448
10:00 PM	290
11:00 PM	187
Total	25943



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Irvine Center Drive
B/ Red Hill Avenue - Jamboree Road

File Name 165
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	166			18	157				
12:15	18	165			16	166				
12:30	7	166			16	160				
12:45	9	167	46	664	12	164	62	647	108	1311
1:00	8	156			11	149				
1:15	11	161			9	169				
1:30	7	173			10	169				
1:45	8	150	34	640	4	225	34	712	68	1352
2:00	4	163			9	273				
2:15	3	169			5	280				
2:30	3	193			10	287				
2:45	4	174	14	699	11	350	35	1190	49	1889
3:00	5	190			9	330				
3:15	3	203			3	337				
3:30	10	218			8	378				
3:45	15	206	33	817	7	380	27	1425	60	2242
4:00	18	230			10	398				
4:15	23	236			12	452				
4:30	33	281			11	415				
4:45	55	258	129	1005	6	445	39	1710	168	2715
5:00	34	265			16	399				
5:15	56	320			40	458				
5:30	89	330			37	394				
5:45	70	313	249	1228	62	378	155	1629	404	2857
6:00	77	219			92	399				
6:15	86	206			65	376				
6:30	98	173			93	306				
6:45	161	173	422	771	103	288	353	1369	775	2140
7:00	119	147			153	203				
7:15	164	130			198	173				
7:30	166	109			202	138				
7:45	228	117	677	503	257	91	810	605	1487	1108
8:00	209	98			287	71				
8:15	185	89			304	68				
8:30	188	88			310	70				
8:45	215	63	797	338	289	64	1190	273	1987	611
9:00	180	72			237	75				
9:15	142	59			159	58				
9:30	156	52			140	58				
9:45	137	39	615	222	140	47	676	238	1291	460
10:00	121	37			132	54				
10:15	123	24			150	51				
10:30	127	26			143	37				
10:45	145	21	516	108	162	44	587	186	1103	294
11:00	132	22			129	38				
11:15	172	18			137	21				
11:30	167	13			149	14				
11:45	154	17	625	70	133	20	548	93	1173	163
Totals	4157	7065			4516	10077				
Combined Totals		11222				14593				
ADT										25815
AM Peak Hour	745	AM			800	AM				
Volume	810				1190					
P.H.F.	0.888				0.960					
PM Peak Hour		500	PM			430	PM			
Volume		1228				1717				
P.H.F.		0.930				0.937				
Percentage	37.0%	63.0%			30.9%	69.1%				

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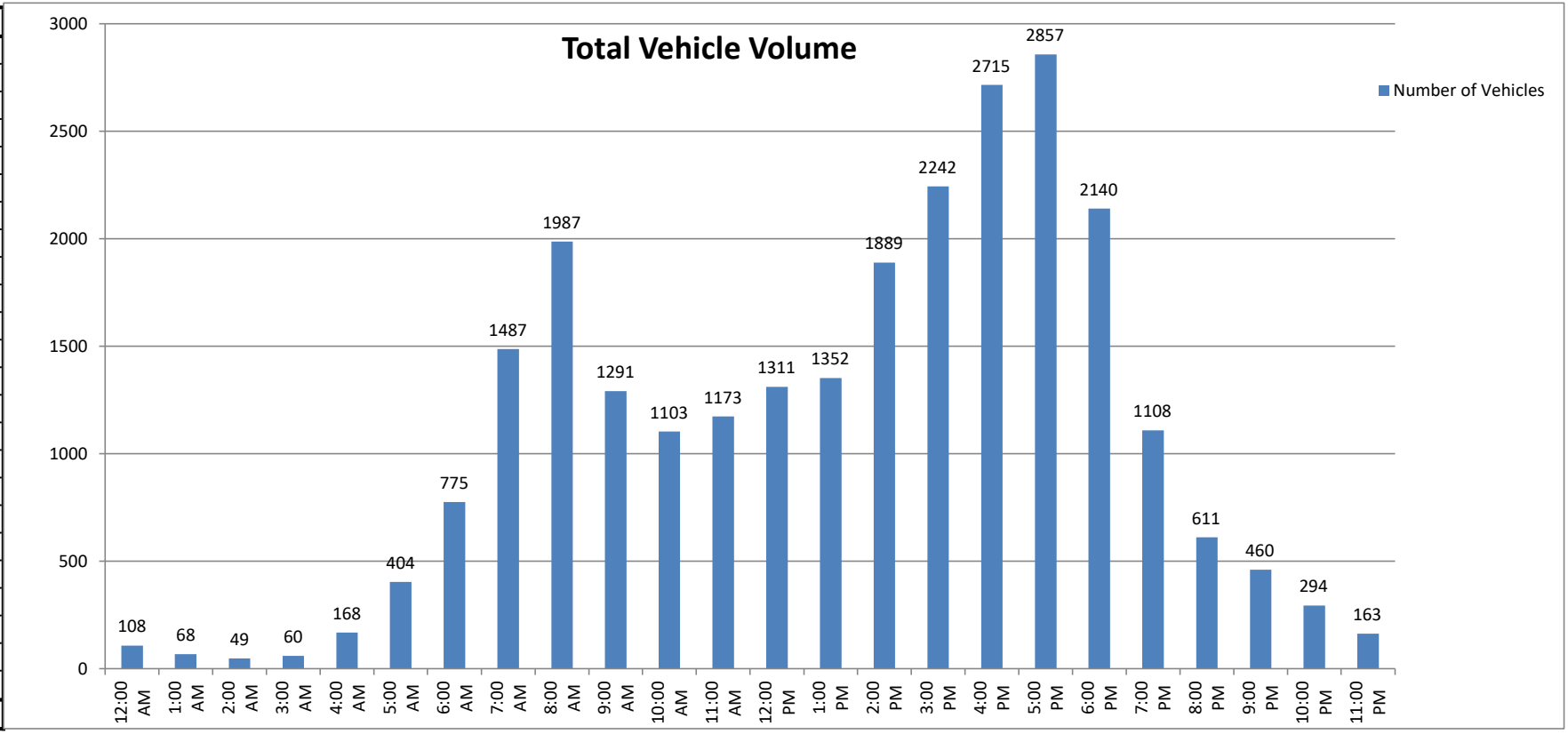
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Red Hill Avenue - Jamboree Road
2/15/2024

Start Time	2/15/2024
12:00 AM	108
1:00 AM	68
2:00 AM	49
3:00 AM	60
4:00 AM	168
5:00 AM	404
6:00 AM	775
7:00 AM	1487
8:00 AM	1987
9:00 AM	1291
10:00 AM	1103
11:00 AM	1173
12:00 PM	1311
1:00 PM	1352
2:00 PM	1889
3:00 PM	2242
4:00 PM	2715
5:00 PM	2857
6:00 PM	2140
7:00 PM	1108
8:00 PM	611
9:00 PM	460
10:00 PM	294
11:00 PM	163
Total	25815



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Red Hill Avenue - Jamboree Road

File Name 165
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	152			20	146				
12:15	15	162			16	173				
12:30	9	167			17	161				
12:45	10	182	49	662	11	158	64	637	113	1299
1:00	9	171			9	168				
1:15	7	163			7	176				
1:30	8	161			11	174				
1:45	7	177	30	671	7	221	33	738	63	1409
2:00	3	173			9	271				
2:15	6	168			5	272				
2:30	3	174			7	281				
2:45	4	162	16	677	12	347	32	1171	47	1847
3:00	4	203			7	352				
3:15	3	220			4	355				
3:30	9	208			7	366				
3:45	11	217	27	848	7	397	24	1469	51	2316
4:00	14	231			10	399				
4:15	22	251			15	418				
4:30	38	273			10	428				
4:45	51	262	124	1016	8	466	43	1710	167	2726
5:00	38	283			20	404				
5:15	60	340			45	450				
5:30	83	345			31	357				
5:45	74	305	254	1272	72	352	167	1561	421	2833
6:00	75	247			90	364				
6:15	98	224			68	375				
6:30	105	189			106	326				
6:45	149	188	427	848	103	294	365	1358	792	2206
7:00	117	138			140	210				
7:15	160	131			189	161				
7:30	175	112			204	130				
7:45	217	110	667	491	268	91	801	592	1468	1082
8:00	209	91			265	69				
8:15	180	84			271	66				
8:30	171	86			297	66				
8:45	213	64	771	324	279	63	1112	264	1883	588
9:00	177	67			226	73				
9:15	148	54			181	59				
9:30	164	56			151	57				
9:45	141	42	629	218	154	48	712	236	1341	454
10:00	123	35			138	49				
10:15	125	32			157	50				
10:30	137	26			139	40				
10:45	148	25	533	117	154	37	588	175	1120	292
11:00	134	23			141	35				
11:15	166	18			142	26				
11:30	170	18			156	16				
11:45	158	17	627	76	127	24	565	100	1192	175
Totals	4153	7217			4502	10008				
Combined Totals		11369				14510				
ADT										25879
AM Peak Hour	730	AM			800	AM				
Volume	779				1112					
P.H.F.	0.900				0.937					
PM Peak Hour		500	PM			430	PM			
Volume		1272				1747				
P.H.F.		0.921				0.938				
Percentage	36.5%	63.5%			31.0%	69.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Sand Canyon Avenue - Odyssey

File Name 176
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	115			12	162				
12:15	4	159			17	167				
12:30	3	144			7	169				
12:45	1	185	10	603	5	152	41	650	51	1253
1:00	1	157			4	161				
1:15	2	156			6	139				
1:30	1	136			8	143				
1:45	4	133	8	582	4	139	22	582	30	1164
2:00	0	153			1	146				
2:15	2	118			4	135				
2:30	5	118			4	166				
2:45	1	104	8	493	4	201	13	648	21	1141
3:00	5	103			3	175				
3:15	1	115			2	183				
3:30	11	110			7	195				
3:45	10	105	27	433	2	222	14	775	41	1208
4:00	9	100			4	233				
4:15	9	125			1	273				
4:30	28	113			4	312				
4:45	30	112	76	450	7	297	16	1115	92	1565
5:00	18	148			13	325				
5:15	52	127			10	342				
5:30	52	155			21	339				
5:45	45	151	167	581	37	252	81	1258	248	1839
6:00	49	127			21	249				
6:15	50	131			40	252				
6:30	64	99			32	197				
6:45	89	99	252	456	48	177	141	875	393	1331
7:00	71	89			37	117				
7:15	90	56			60	122				
7:30	122	73			68	88				
7:45	143	75	426	293	88	83	253	410	679	703
8:00	148	66			73	87				
8:15	177	50			111	81				
8:30	140	47			99	49				
8:45	166	35	631	198	106	43	389	260	1020	458
9:00	150	44			105	65				
9:15	137	40			106	51				
9:30	122	33			80	57				
9:45	107	21	516	138	92	37	383	210	899	348
10:00	105	18			78	50				
10:15	86	14			90	26				
10:30	83	9			99	22				
10:45	117	10	391	51	137	27	404	125	795	176
11:00	108	9			102	17				
11:15	105	6			128	19				
11:30	127	7			138	19				
11:45	163	7	503	29	156	26	524	81	1027	110
Totals	3015	4307			2281	6989				
Combined Totals		7322				9270				
ADT										16592
AM Peak Hour	815	AM			1100	AM				
Volume	633				524					
P.H.F.	0.894				0.840					
PM Peak Hour		1215	PM			445	PM			
Volume		645				1303				
P.H.F.		0.872				0.952				
Percentage	41.2%	58.8%			24.6%	75.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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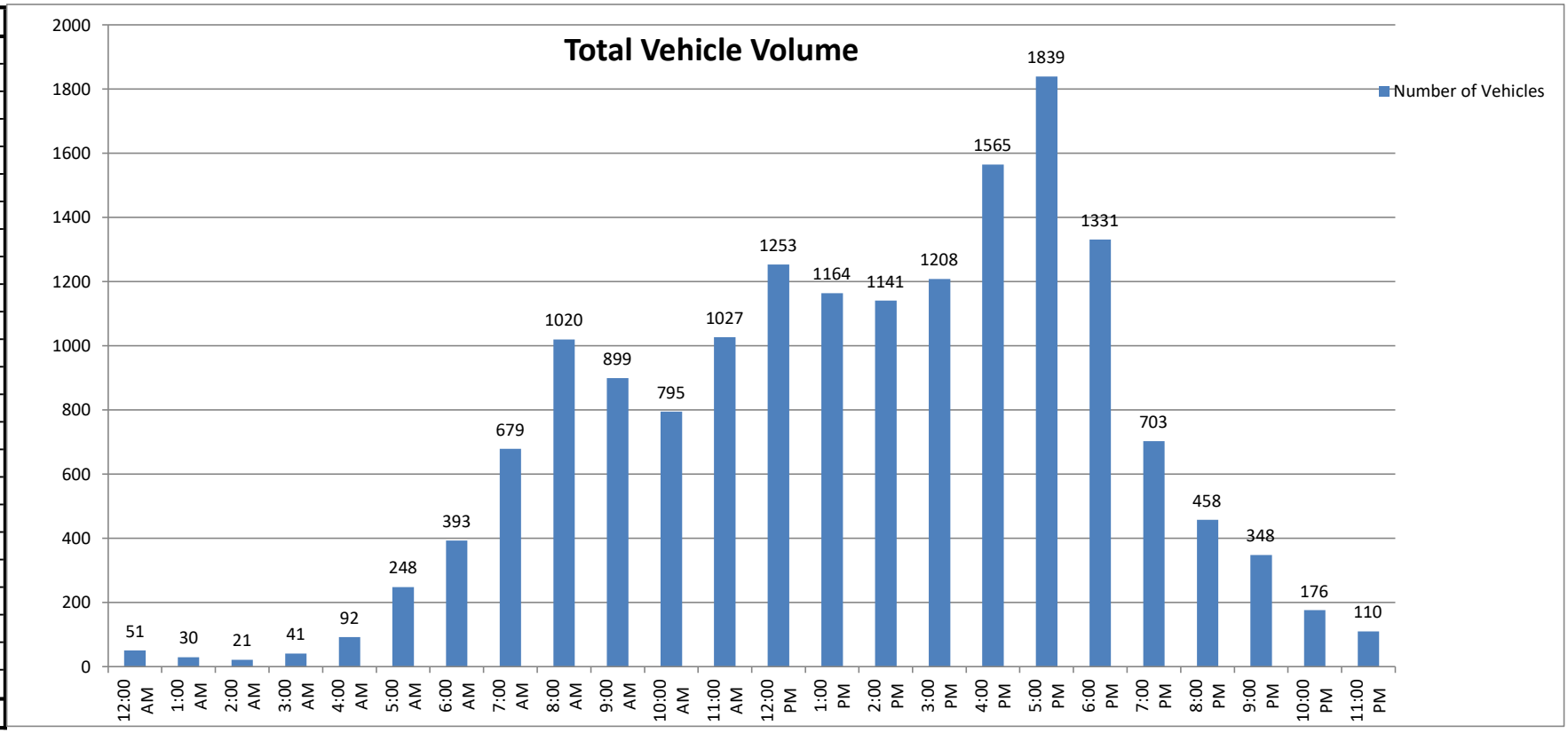
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Sand Canyon Avenue - Odyssey

2/14/2024

Start Time	2/14/2024
12:00 AM	51
1:00 AM	30
2:00 AM	21
3:00 AM	41
4:00 AM	92
5:00 AM	248
6:00 AM	393
7:00 AM	679
8:00 AM	1020
9:00 AM	899
10:00 AM	795
11:00 AM	1027
12:00 PM	1253
1:00 PM	1164
2:00 PM	1141
3:00 PM	1208
4:00 PM	1565
5:00 PM	1839
6:00 PM	1331
7:00 PM	703
8:00 PM	458
9:00 PM	348
10:00 PM	176
11:00 PM	110
Total	16592



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Sand Canyon Avenue - Odyssey

File Name 176
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	118			11	168				
12:15	4	165			12	134				
12:30	5	150			17	157				
12:45	5	172	20	605	13	136	53	595	73	1200
1:00	3	171			5	135				
1:15	1	139			7	114				
1:30	8	128			9	121				
1:45	4	115	16	553	5	158	26	528	42	1081
2:00	8	119			4	122				
2:15	4	94			6	124				
2:30	5	108			7	150				
2:45	5	119	22	440	5	169	22	565	44	1005
3:00	2	104			1	202				
3:15	7	131			2	188				
3:30	10	119			2	185				
3:45	12	90	31	444	8	234	13	809	44	1253
4:00	13	112			8	259				
4:15	13	103			1	269				
4:30	32	103			6	262				
4:45	33	135	91	453	9	270	24	1060	115	1513
5:00	22	116			11	328				
5:15	46	148			15	334				
5:30	51	150			29	284				
5:45	48	132	167	546	37	236	92	1182	259	1728
6:00	39	119			32	223				
6:15	55	97			33	248				
6:30	68	87			31	151				
6:45	83	92	245	395	47	123	143	745	388	1140
7:00	62	97			50	132				
7:15	79	75			48	104				
7:30	125	62			70	74				
7:45	171	64	437	298	98	89	266	399	703	697
8:00	135	52			90	67				
8:15	194	38			99	71				
8:30	155	47			100	69				
8:45	183	42	667	179	104	63	393	270	1060	449
9:00	158	46			104	50				
9:15	137	52			77	64				
9:30	156	36			78	50				
9:45	110	32	561	166	75	43	334	207	895	373
10:00	109	18			74	50				
10:15	102	16			72	20				
10:30	87	18			91	33				
10:45	110	11	408	63	96	34	333	137	741	200
11:00	115	11			117	19				
11:15	119	7			103	13				
11:30	110	11			145	17				
11:45	141	5	485	34	131	9	496	58	981	92
Totals	3150	4176			2195	6555				
Combined Totals		7326				8750				
ADT										16076
AM Peak Hour	815	AM			1100	AM				
Volume	690				496					
P.H.F.	0.889				0.855					
PM Peak Hour		1215	PM			445	PM			
Volume		658				1216				
P.H.F.		0.956				0.910				
Percentage	43.0%	57.0%			25.1%	74.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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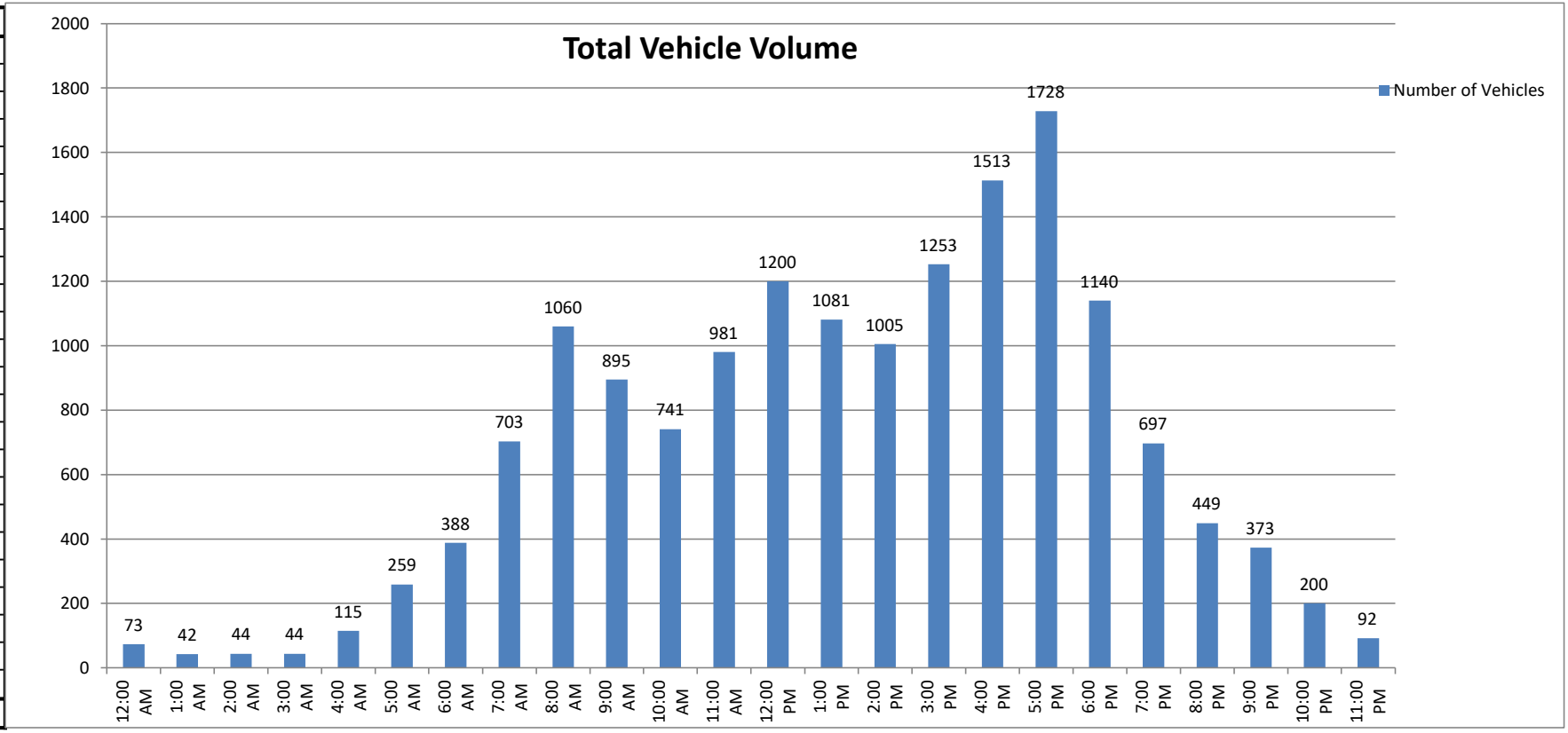
24 Hour Volume Plot

Irvine Center Drive
B/ Sand Canyon Avenue - Odyssey

2/15/2024

Start Time	2/15/2024
12:00 AM	73
1:00 AM	42
2:00 AM	44
3:00 AM	44
4:00 AM	115
5:00 AM	259
6:00 AM	388
7:00 AM	703
8:00 AM	1060
9:00 AM	895
10:00 AM	741
11:00 AM	981
12:00 PM	1200
1:00 PM	1081
2:00 PM	1005
3:00 PM	1253
4:00 PM	1513
5:00 PM	1728
6:00 PM	1140
7:00 PM	697
8:00 PM	449
9:00 PM	373
10:00 PM	200
11:00 PM	92
Total	16076



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Sand Canyon Avenue - Odyssey

File Name 176
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	117			12	165				
12:15	4	162			15	151				
12:30	4	147			12	163				
12:45	3	179	15	604	9	144	47	623	62	1227
1:00	2	164			5	148				
1:15	2	148			7	127				
1:30	5	132			9	132				
1:45	4	124	12	568	5	149	24	555	36	1123
2:00	4	136			3	134				
2:15	3	106			5	130				
2:30	5	113			6	158				
2:45	3	112	15	467	5	185	18	607	33	1073
3:00	4	104			2	189				
3:15	4	123			2	186				
3:30	11	115			5	190				
3:45	11	98	29	439	5	228	14	792	43	1231
4:00	11	106			6	246				
4:15	11	114			1	271				
4:30	30	108			5	287				
4:45	32	124	84	452	8	284	20	1088	104	1539
5:00	20	132			12	327				
5:15	49	138			13	338				
5:30	52	153			25	312				
5:45	47	142	167	564	37	244	87	1220	254	1784
6:00	44	123			27	236				
6:15	53	114			37	250				
6:30	66	93			32	174				
6:45	86	96	249	426	48	150	142	810	391	1236
7:00	67	93			44	125				
7:15	85	66			54	113				
7:30	124	68			69	81				
7:45	157	70	432	296	93	86	260	405	691	700
8:00	142	59			82	77				
8:15	186	44			105	76				
8:30	148	47			100	59				
8:45	175	39	649	189	105	53	391	265	1040	454
9:00	154	45			105	58				
9:15	137	46			92	58				
9:30	139	35			79	54				
9:45	109	27	539	152	84	40	359	209	897	361
10:00	107	18			76	50				
10:15	94	15			81	23				
10:30	85	14			95	28				
10:45	114	11	400	57	117	31	369	131	768	188
11:00	112	10			110	18				
11:15	112	7			116	16				
11:30	119	9			142	18				
11:45	152	6	494	32	144	18	510	70	1004	101
Totals	3083	4242			2238	6772				
Combined Totals		7324				9010				
ADT										16334
AM Peak Hour	815	AM			1100	AM				
Volume	662				510					
P.H.F.	0.892				0.889					
PM Peak Hour		1215	PM			445	PM			
Volume		652				1260				
P.H.F.		0.912				0.932				
Percentage	42.1%	57.9%			24.8%	75.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Spectrum - Pacifica

File Name 184
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	205			18	211				
12:15	9	193			12	222				
12:30	14	220			14	190				
12:45	11	225	58	843	10	190	54	813	112	1656
1:00	6	248			13	209				
1:15	8	221			5	155				
1:30	12	234			9	180				
1:45	5	209	31	912	2	208	29	752	60	1664
2:00	9	221			5	193				
2:15	3	195			1	206				
2:30	16	200			14	207				
2:45	8	242	36	858	5	201	25	807	61	1665
3:00	6	184			2	209				
3:15	6	172			4	210				
3:30	9	227			6	196				
3:45	13	209	34	792	9	209	21	824	55	1616
4:00	15	275			10	211				
4:15	8	215			7	198				
4:30	12	275			18	259				
4:45	30	258	65	1023	20	255	55	923	120	1946
5:00	24	289			12	286				
5:15	35	341			33	292				
5:30	75	355			41	228				
5:45	98	256	232	1241	43	204	129	1010	361	2251
6:00	81	231			49	211				
6:15	74	222			56	182				
6:30	104	173			48	156				
6:45	122	185	381	811	76	139	229	688	610	1499
7:00	150	156			91	165				
7:15	193	163			98	136				
7:30	236	129			110	110				
7:45	283	124	862	572	128	98	427	509	1289	1081
8:00	271	106			134	95				
8:15	271	127			107	79				
8:30	317	125			166	63				
8:45	297	99	1156	457	143	85	550	322	1706	779
9:00	240	126			117	50				
9:15	246	100			135	74				
9:30	203	99			142	42				
9:45	176	79	865	404	136	39	530	205	1395	609
10:00	161	76			134	38				
10:15	153	74			121	31				
10:30	190	67			129	32				
10:45	206	65	710	282	170	28	554	129	1264	411
11:00	171	50			141	29				
11:15	184	35			170	21				
11:30	172	27			197	28				
11:45	182	31	709	143	213	18	721	96	1430	239
Totals	5139	8338			3324	7078				
Combined Totals		13477				10402				
ADT										23879
AM Peak Hour	800	AM			1100	AM				
Volume	1156				721					
P.H.F.	0.912				0.846					
PM Peak Hour		445	PM			430	PM			
Volume		1243				1092				
P.H.F.		0.875				0.935				
Percentage	38.1%	61.9%			32.0%	68.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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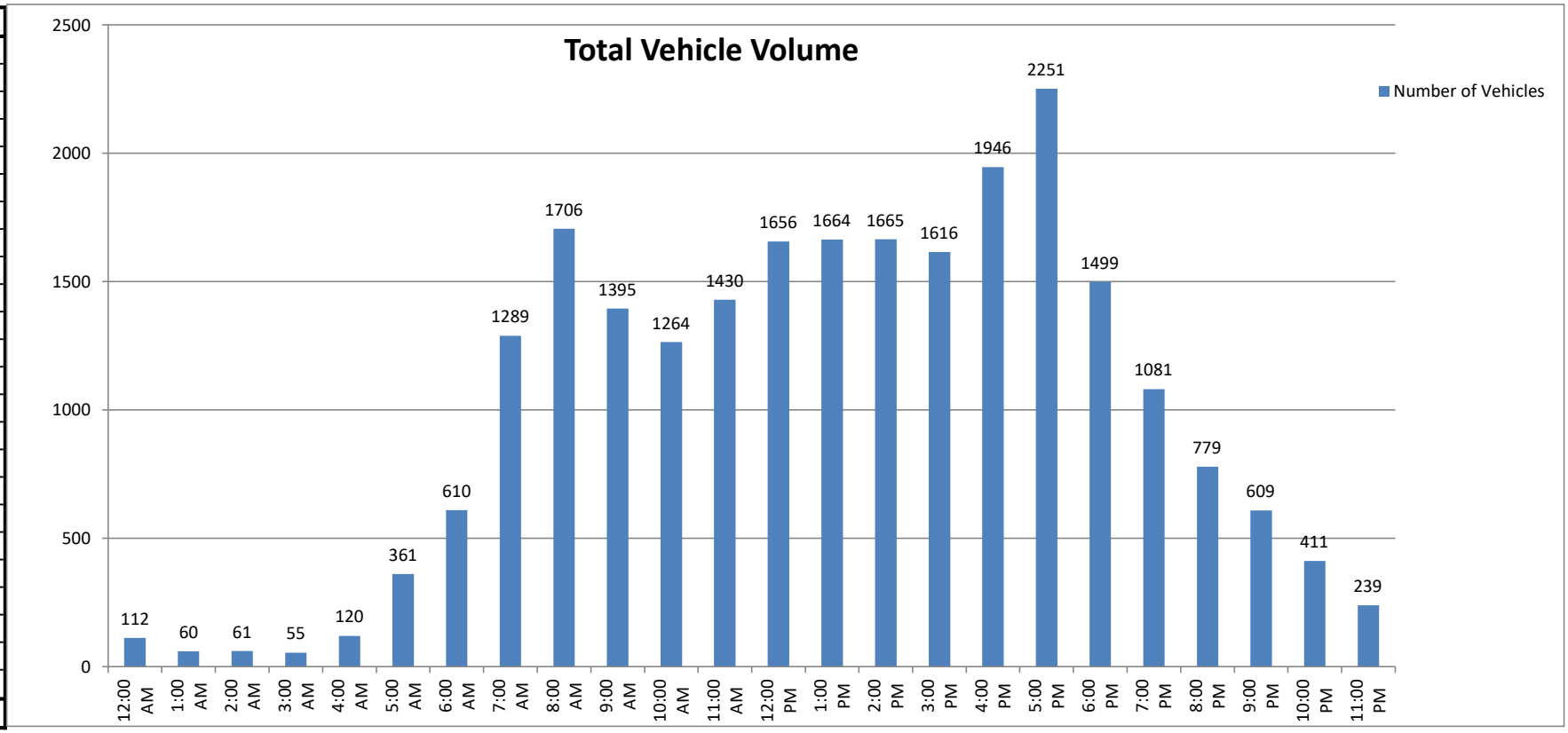
24 Hour Volume Plot

Irvine Center Drive
B/ Spectrum - Pacifica

2/14/2024

Start Time	2/14/2024
12:00 AM	112
1:00 AM	60
2:00 AM	61
3:00 AM	55
4:00 AM	120
5:00 AM	361
6:00 AM	610
7:00 AM	1289
8:00 AM	1706
9:00 AM	1395
10:00 AM	1264
11:00 AM	1430
12:00 PM	1656
1:00 PM	1664
2:00 PM	1665
3:00 PM	1616
4:00 PM	1946
5:00 PM	2251
6:00 PM	1499
7:00 PM	1081
8:00 PM	779
9:00 PM	609
10:00 PM	411
11:00 PM	239
Total	23879



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Spectrum - Pacifica

File Name 184
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	207			33	217				
12:15	16	202			18	229				
12:30	20	253			17	216				
12:45	13	237	70	899	10	215	78	877	148	1776
1:00	10	267			11	202				
1:15	6	225			11	167				
1:30	9	242			6	177				
1:45	4	205	29	939	7	189	35	735	64	1674
2:00	12	200			7	191				
2:15	5	185			11	185				
2:30	15	192			6	219				
2:45	1	226	33	803	9	218	33	813	66	1616
3:00	6	191			5	194				
3:15	10	198			11	236				
3:30	9	222			11	216				
3:45	11	198	36	809	14	194	41	840	77	1649
4:00	10	287			13	216				
4:15	8	234			10	241				
4:30	24	255			20	228				
4:45	26	237	68	1013	11	271	54	956	122	1969
5:00	27	295			17	301				
5:15	38	330			30	255				
5:30	80	314			36	207				
5:45	81	219	226	1158	46	215	129	978	355	2136
6:00	68	253			42	205				
6:15	74	169			54	168				
6:30	108	163			52	195				
6:45	142	153	392	738	70	144	218	712	610	1450
7:00	137	162			100	155				
7:15	192	139			93	115				
7:30	242	127			116	109				
7:45	342	142	913	570	128	93	437	472	1350	1042
8:00	336	100			137	89				
8:15	340	115			141	73				
8:30	330	119			157	64				
8:45	328	101	1334	435	121	77	556	303	1890	738
9:00	303	98			138	67				
9:15	242	113			148	53				
9:30	242	92			128	53				
9:45	243	69	1030	372	136	44	550	217	1580	589
10:00	197	63			149	50				
10:15	197	57			148	29				
10:30	171	57			146	32				
10:45	195	46	760	223	170	27	613	138	1373	361
11:00	212	42			151	39				
11:15	197	27			196	19				
11:30	185	34			212	29				
11:45	206	22	800	125	216	17	775	104	1575	229
Totals	5691	8084			3519	7145				
Combined Totals		13775				10664				
ADT										24439
AM Peak Hour	745	AM			1100	AM				
Volume	1348				775					
P.H.F.	0.985				0.897					
PM Peak Hour		445	PM			430	PM			
Volume		1176				1055				
P.H.F.		0.891				0.876				
Percentage	41.3%	58.7%			33.0%	67.0%				

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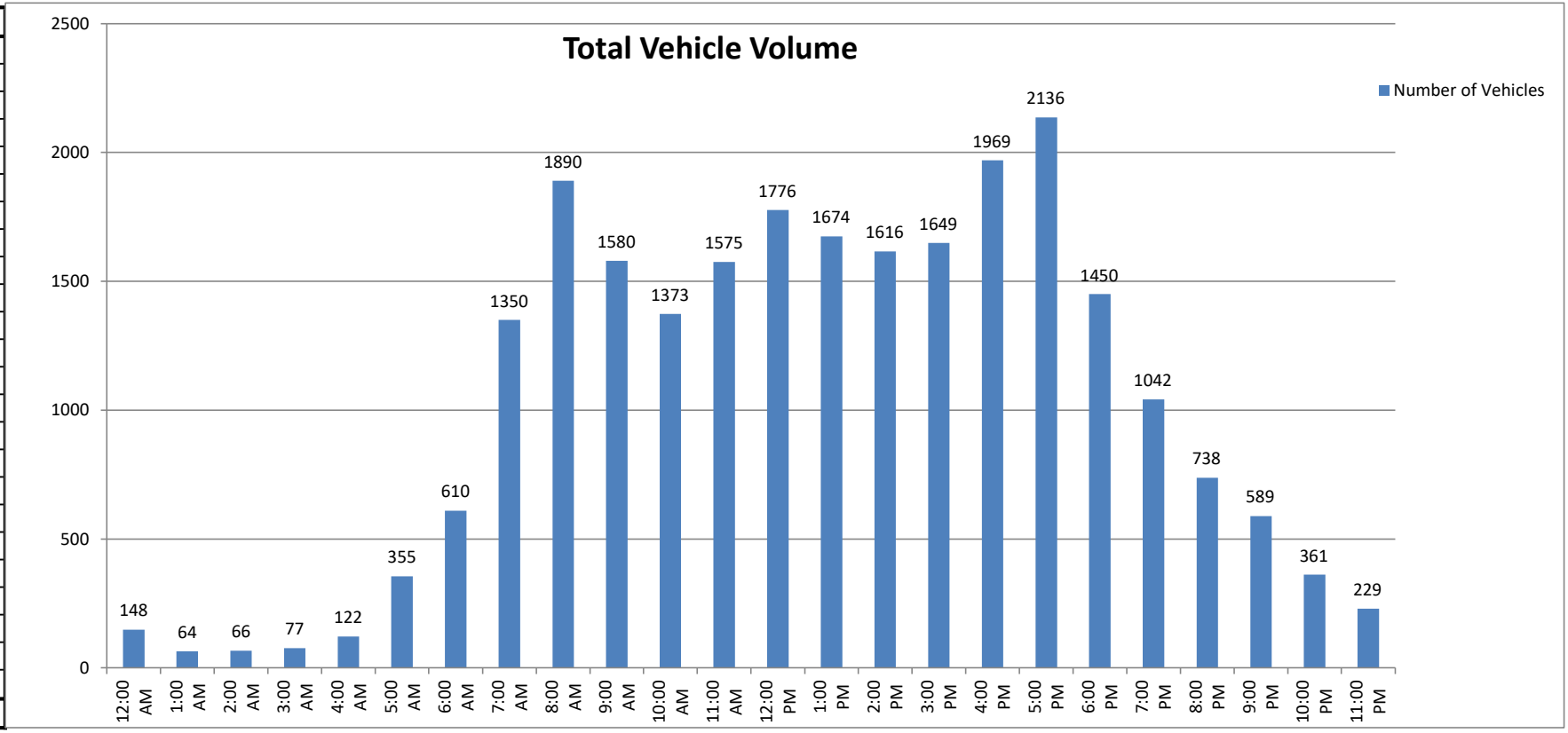
24 Hour Volume Plot

Irvine Center Drive
B/ Spectrum - Pacifica

2/15/2024

Start Time	2/15/2024
12:00 AM	148
1:00 AM	64
2:00 AM	66
3:00 AM	77
4:00 AM	122
5:00 AM	355
6:00 AM	610
7:00 AM	1350
8:00 AM	1890
9:00 AM	1580
10:00 AM	1373
11:00 AM	1575
12:00 PM	1776
1:00 PM	1674
2:00 PM	1616
3:00 PM	1649
4:00 PM	1969
5:00 PM	2136
6:00 PM	1450
7:00 PM	1042
8:00 PM	738
9:00 PM	589
10:00 PM	361
11:00 PM	229
Total	24439



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Spectrum - Pacifica

File Name 184
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	206			26	214				
12:15	13	198			15	226				
12:30	17	237			16	203				
12:45	12	231	64	871	10	203	66	845	130	1716
1:00	8	258			12	206				
1:15	7	223			8	161				
1:30	11	238			8	179				
1:45	5	207	30	926	5	199	32	744	62	1669
2:00	11	211			6	192				
2:15	4	190			6	196				
2:30	16	196			10	213				
2:45	5	234	35	831	7	210	29	810	64	1641
3:00	6	188			4	202				
3:15	8	185			8	223				
3:30	9	225			9	206				
3:45	12	204	35	801	12	202	31	832	66	1633
4:00	13	281			12	214				
4:15	8	225			9	220				
4:30	18	265			19	244				
4:45	28	248	67	1018	16	263	55	940	121	1958
5:00	26	292			15	294				
5:15	37	336			32	274				
5:30	78	335			39	218				
5:45	90	238	229	1200	45	210	129	994	358	2194
6:00	75	242			46	208				
6:15	74	196			55	175				
6:30	106	168			50	176				
6:45	132	169	387	775	73	142	224	700	610	1475
7:00	144	159			96	160				
7:15	193	151			96	126				
7:30	239	128			113	110				
7:45	313	133	888	571	128	96	432	491	1320	1062
8:00	304	103			136	92				
8:15	306	121			124	76				
8:30	324	122			162	64				
8:45	313	100	1245	446	132	81	553	313	1798	759
9:00	272	112			128	59				
9:15	244	107			142	64				
9:30	223	96			135	48				
9:45	210	74	948	388	136	42	540	211	1488	599
10:00	179	70			142	44				
10:15	175	66			135	30				
10:30	181	62			138	32				
10:45	201	56	735	253	170	28	584	134	1319	386
11:00	192	46			146	34				
11:15	191	31			183	20				
11:30	179	31			205	29				
11:45	194	27	755	134	215	18	748	100	1503	234
Totals	5415	8211			3422	7112				
Combined Totals		13626				10533				
ADT										24159
AM Peak Hour	800	AM			1100	AM				
Volume	1245				748					
P.H.F.	0.962				0.872					
PM Peak Hour		445	PM			430	PM			
Volume		1210				1074				
P.H.F.		0.901				0.914				
Percentage	39.7%	60.3%			32.5%	67.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 175
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	103			9	182				
12:15	3	135			13	185				
12:30	3	110			11	160				
12:45	4	171	11	519	7	156	40	683	51	1202
1:00	5	160			3	148				
1:15	2	155			4	147				
1:30	2	134			8	149				
1:45	5	136	14	585	9	153	24	597	38	1182
2:00	0	165			1	165				
2:15	0	122			4	164				
2:30	1	122			3	224				
2:45	5	106	6	515	8	287	16	840	22	1355
3:00	7	121			1	270				
3:15	2	138			1	241				
3:30	10	125			6	285				
3:45	8	118	27	502	2	322	10	1118	37	1620
4:00	6	107			2	372				
4:15	14	132			4	390				
4:30	32	136			2	416				
4:45	32	149	84	524	9	379	17	1557	101	2081
5:00	16	149			9	390				
5:15	51	137			10	399				
5:30	65	179			20	399				
5:45	49	153	181	618	35	298	74	1486	255	2104
6:00	52	159			23	305				
6:15	57	139			40	296				
6:30	72	110			35	242				
6:45	75	102	256	510	45	221	143	1064	399	1574
7:00	76	102			40	129				
7:15	87	88			66	141				
7:30	110	57			71	79				
7:45	170	57	443	304	126	88	303	437	746	741
8:00	152	61			107	68				
8:15	202	53			118	70				
8:30	145	67			121	51				
8:45	187	52	686	233	160	57	506	246	1192	479
9:00	140	40			147	62				
9:15	148	60			129	41				
9:30	108	29			99	57				
9:45	108	24	504	153	98	36	473	196	977	349
10:00	119	28			95	49				
10:15	94	18			111	34				
10:30	90	19			127	28				
10:45	136	10	439	75	126	28	459	139	898	214
11:00	123	9			132	18				
11:15	116	10			128	17				
11:30	124	12			130	17				
11:45	131	5	494	36	177	16	567	68	1061	104
Totals	3145	4574			2632	8431				
Combined Totals		7719				11063				
ADT										18782
AM Peak Hour	800	AM			1100	AM				
Volume	686				567					
P.H.F.	0.849				0.801					
PM Peak Hour		530	PM			430	PM			
Volume		630				1584				
P.H.F.		0.880				0.952				
Percentage	40.7%	59.3%			23.8%	76.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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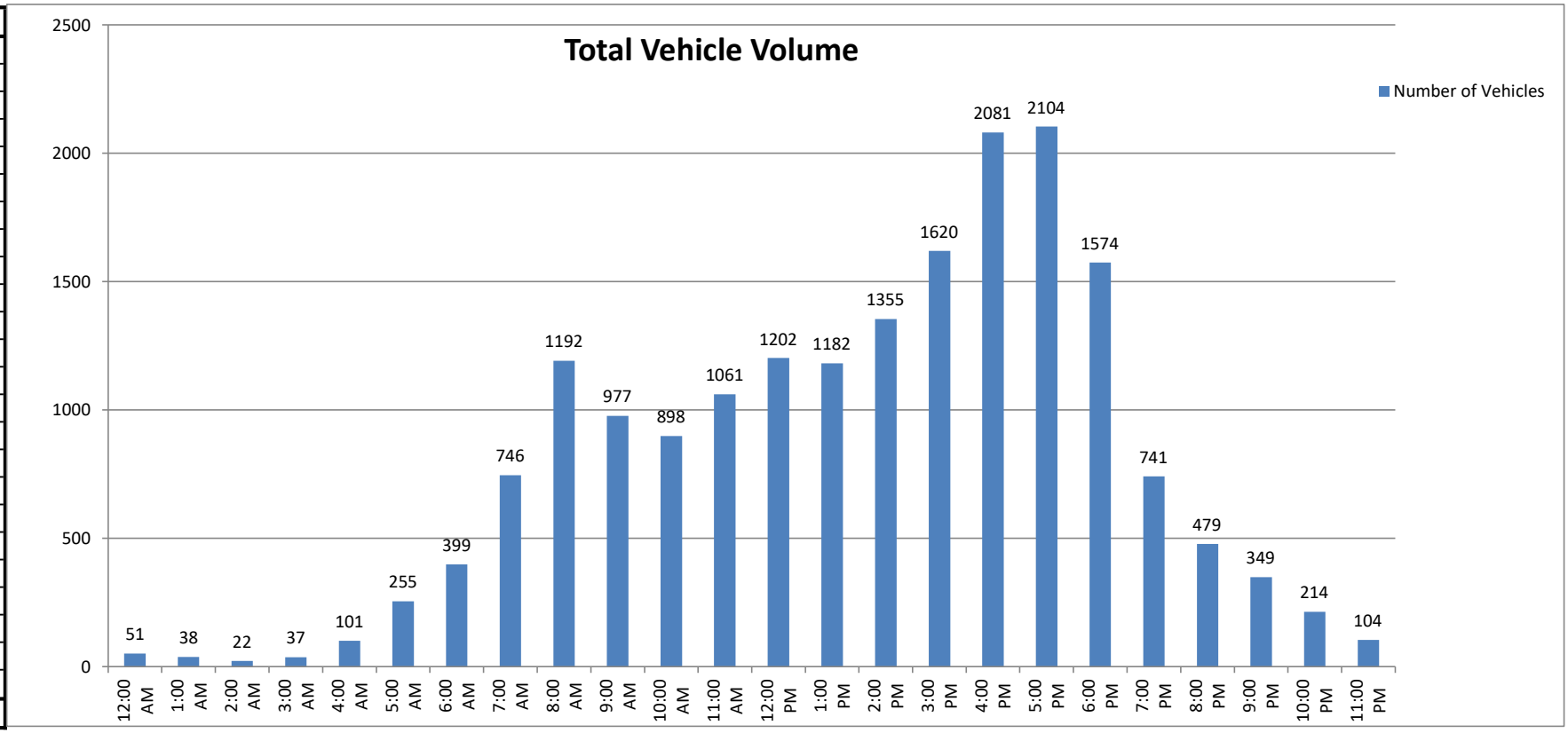
24 Hour Volume Plot

Irvine Center Drive
B/ Valley Oak Drive - Sand Canyon Avenue
2/14/2024

Start Time	2/14/2024
12:00 AM	51
1:00 AM	38
2:00 AM	22
3:00 AM	37
4:00 AM	101
5:00 AM	255
6:00 AM	399
7:00 AM	746
8:00 AM	1192
9:00 AM	977
10:00 AM	898
11:00 AM	1061
12:00 PM	1202
1:00 PM	1182
2:00 PM	1355
3:00 PM	1620
4:00 PM	2081
5:00 PM	2104
6:00 PM	1574
7:00 PM	741
8:00 PM	479
9:00 PM	349
10:00 PM	214
11:00 PM	104
Total	18782



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 175
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	92			13	184				
12:15	4	155			9	170				
12:30	7	121			15	126				
12:45	5	149	23	517	12	159	49	639	72	1156
1:00	3	135			6	124				
1:15	2	148			6	130				
1:30	3	115			5	152				
1:45	3	114	11	512	3	151	20	557	31	1069
2:00	1	106			3	155				
2:15	3	113			6	152				
2:30	4	115			10	206				
2:45	3	132	11	466	3	238	22	751	33	1217
3:00	5	108			0	286				
3:15	2	147			4	249				
3:30	10	125			2	266				
3:45	14	102	31	482	3	308	9	1109	40	1591
4:00	11	108			1	361				
4:15	14	109			2	381				
4:30	28	126			6	353				
4:45	33	134	86	477	4	362	13	1457	99	1934
5:00	29	133			10	434				
5:15	48	147			7	422				
5:30	63	177			27	314				
5:45	63	126	203	583	37	263	81	1433	284	2016
6:00	44	134			40	328				
6:15	63	111			39	292				
6:30	72	94			27	208				
6:45	86	102	265	441	45	187	151	1015	416	1456
7:00	65	86			50	131				
7:15	77	75			49	103				
7:30	132	68			79	87				
7:45	173	78	447	307	125	77	303	398	750	705
8:00	158	64			115	55				
8:15	177	51			145	65				
8:30	194	47			124	63				
8:45	202	50	731	212	161	61	545	244	1276	456
9:00	159	73			136	63				
9:15	157	71			123	55				
9:30	141	35			76	48				
9:45	129	23	586	202	90	34	425	200	1011	402
10:00	105	30			92	48				
10:15	111	22			69	31				
10:30	103	21			112	25				
10:45	125	13	444	86	117	31	390	135	834	221
11:00	94	17			115	23				
11:15	111	10			124	19				
11:30	119	6			142	12				
11:45	137	6	461	39	168	14	549	68	1010	107
Totals	3299	4324			2557	8006				
Combined Totals		7623				10563				
ADT										18186
AM Peak Hour	815	AM			815	AM				
Volume	732				566					
P.H.F.	0.906				0.879					
PM Peak Hour		445	PM			430	PM			
Volume		591				1571				
P.H.F.		0.835				0.905				
Percentage	43.3%	56.7%			24.2%	75.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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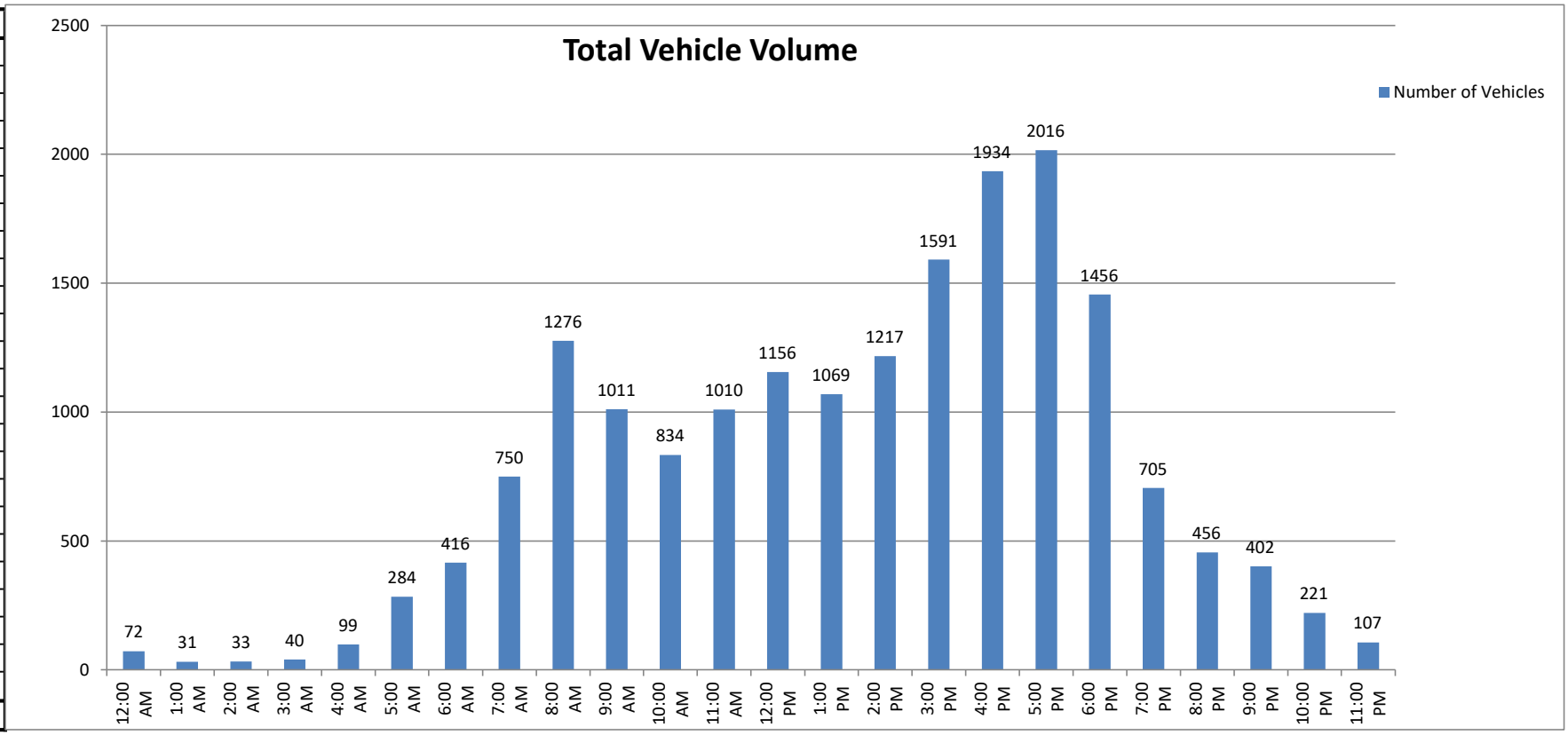
24 Hour Volume Plot

Irvine Center Drive
B/ Valley Oak Drive - Sand Canyon Avenue
2/15/2024

Start Time	2/15/2024
12:00 AM	72
1:00 AM	31
2:00 AM	33
3:00 AM	40
4:00 AM	99
5:00 AM	284
6:00 AM	416
7:00 AM	750
8:00 AM	1276
9:00 AM	1011
10:00 AM	834
11:00 AM	1010
12:00 PM	1156
1:00 PM	1069
2:00 PM	1217
3:00 PM	1591
4:00 PM	1934
5:00 PM	2016
6:00 PM	1456
7:00 PM	705
8:00 PM	456
9:00 PM	402
10:00 PM	221
11:00 PM	107
Total	18186



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Valley Oak Drive - Sand Canyon Avenue

File Name 175
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	98			11	183				
12:15	4	145			11	178				
12:30	5	116			13	143				
12:45	5	160	17	518	10	158	45	661	62	1179
1:00	4	148			5	136				
1:15	2	152			5	139				
1:30	3	125			7	151				
1:45	4	125	13	549	6	152	22	577	35	1126
2:00	1	136			2	160				
2:15	2	118			5	158				
2:30	3	119			7	215				
2:45	4	119	9	491	6	263	19	796	28	1286
3:00	6	115			1	278				
3:15	2	143			3	245				
3:30	10	125			4	276				
3:45	11	110	29	492	3	315	10	1114	39	1606
4:00	9	108			2	367				
4:15	14	121			3	386				
4:30	30	131			4	385				
4:45	33	142	85	501	7	371	15	1507	100	2008
5:00	23	141			10	412				
5:15	50	142			9	411				
5:30	64	178			24	357				
5:45	56	140	192	601	36	281	78	1460	270	2060
6:00	48	147			32	317				
6:15	60	125			40	294				
6:30	72	102			31	225				
6:45	81	102	261	476	45	204	147	1040	408	1515
7:00	71	94			45	130				
7:15	82	82			58	122				
7:30	121	63			75	83				
7:45	172	68	445	306	126	83	303	418	748	723
8:00	155	63			111	62				
8:15	190	52			132	68				
8:30	170	57			123	57				
8:45	195	51	709	223	161	59	526	245	1234	468
9:00	150	57			142	63				
9:15	153	66			126	48				
9:30	125	32			88	53				
9:45	119	24	545	178	94	35	449	198	994	376
10:00	112	29			94	49				
10:15	103	20			90	33				
10:30	97	20			120	27				
10:45	131	12	442	81	122	30	425	137	866	218
11:00	109	13			124	21				
11:15	114	10			126	18				
11:30	122	9			136	15				
11:45	134	6	478	38	173	15	558	68	1036	106
Totals	3222	4449			2595	8219				
Combined Totals		7671				10813				
ADT										18484
AM Peak Hour	800	AM			1100	AM				
Volume	709				558					
P.H.F.	0.911				0.809					
PM Peak Hour		515	PM			430	PM			
Volume		606				1578				
P.H.F.		0.851				0.957				
Percentage	42.0%	58.0%			24.0%	76.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Center Drive
B/ Yale Avenue - Fontaine Avenue

File Name 170
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	158			16	192				
12:15	15	129			19	209				
12:30	3	135			7	171				
12:45	5	182	30	604	10	192	52	764	82	1368
1:00	4	140			6	190				
1:15	4	177			6	224				
1:30	1	167			8	178				
1:45	5	178	14	662	11	240	31	832	45	1494
2:00	4	141			3	203				
2:15	1	152			4	228				
2:30	5	172			5	276				
2:45	3	161	13	626	7	366	19	1073	32	1699
3:00	3	177			2	357				
3:15	4	175			0	363				
3:30	5	143			4	323				
3:45	10	192	22	687	5	389	11	1432	33	2119
4:00	9	192			1	404				
4:15	17	230			3	521				
4:30	38	209			2	448				
4:45	55	268	119	899	4	451	10	1824	129	2723
5:00	23	198			11	392				
5:15	67	311			13	461				
5:30	73	256			14	450				
5:45	56	287	219	1052	27	466	65	1769	284	2821
6:00	67	204			30	407				
6:15	59	227			42	390				
6:30	91	180			43	295				
6:45	110	208	327	819	54	347	169	1439	496	2258
7:00	111	114			61	224				
7:15	133	86			83	236				
7:30	188	81			126	144				
7:45	225	88	657	369	178	90	448	694	1105	1063
8:00	248	66			154	104				
8:15	208	65			150	122				
8:30	237	60			170	115				
8:45	243	59	936	250	169	81	643	422	1579	672
9:00	255	63			149	84				
9:15	193	57			116	81				
9:30	169	39			121	66				
9:45	143	46	760	205	121	63	507	294	1267	499
10:00	132	35			132	63				
10:15	135	29			127	38				
10:30	134	31			129	40				
10:45	163	18	564	113	161	40	549	181	1113	294
11:00	158	12			198	22				
11:15	120	18			173	25				
11:30	159	17			147	21				
11:45	143	12	580	59	187	16	705	84	1285	143
Totals	4241	6345			3209	10808				
Combined Totals		10586				14017				
ADT										24603
AM Peak Hour	815	AM			1100	AM				
Volume	943				705					
P.H.F.	0.925				0.890					
PM Peak Hour		515	PM			400	PM			
Volume		1058				1824				
P.H.F.		0.850				0.875				
Percentage	40.1%	59.9%			22.9%	77.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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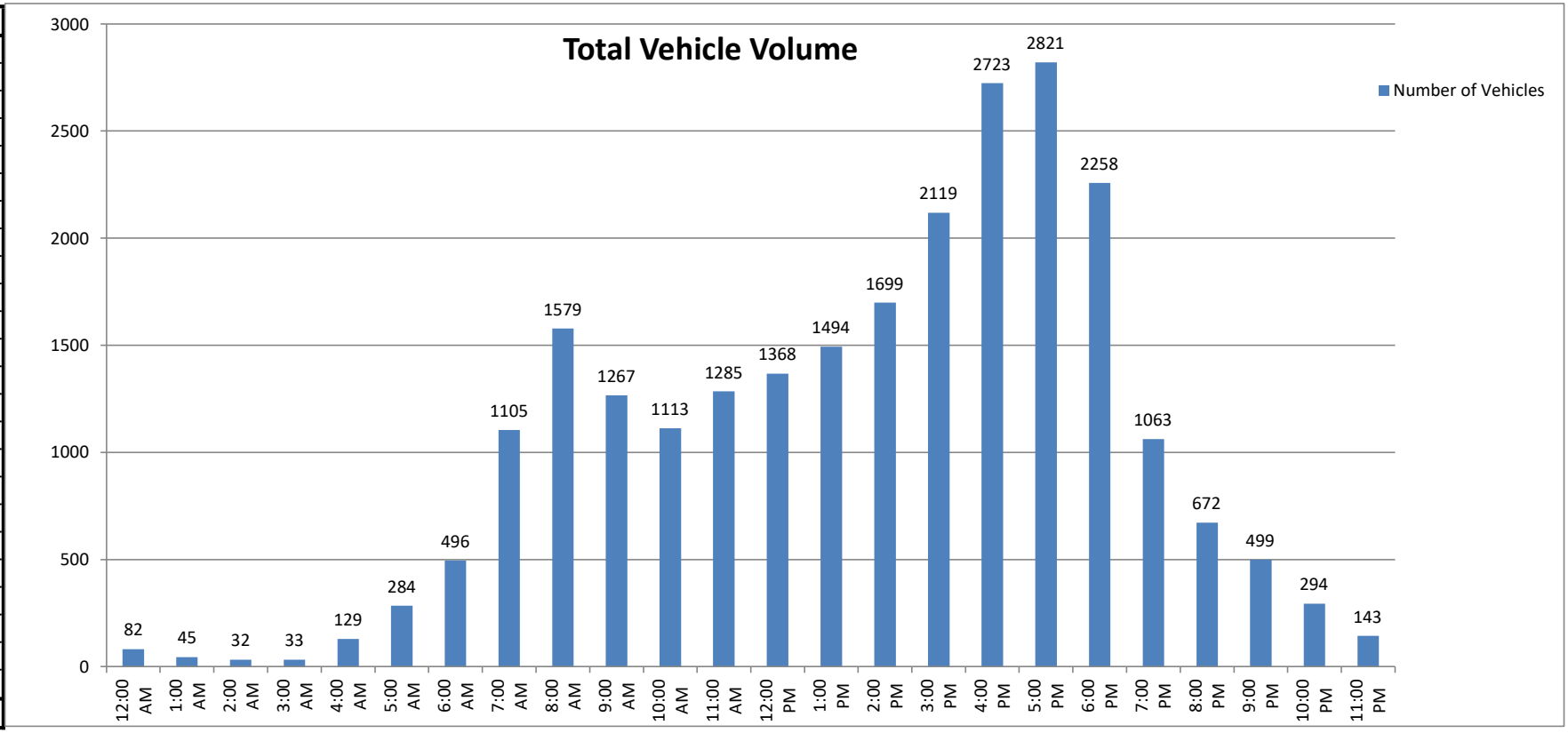
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Yale Avenue - Fontaine Avenue

2/14/2024

Start Time	2/14/2024
12:00 AM	82
1:00 AM	45
2:00 AM	32
3:00 AM	33
4:00 AM	129
5:00 AM	284
6:00 AM	496
7:00 AM	1105
8:00 AM	1579
9:00 AM	1267
10:00 AM	1113
11:00 AM	1285
12:00 PM	1368
1:00 PM	1494
2:00 PM	1699
3:00 PM	2119
4:00 PM	2723
5:00 PM	2821
6:00 PM	2258
7:00 PM	1063
8:00 PM	672
9:00 PM	499
10:00 PM	294
11:00 PM	143
Total	24603



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Yale Avenue - Fontaine Avenue

File Name 170
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	126			16	187				
12:15	13	179			13	170				
12:30	10	147			22	195				
12:45	7	180	38	632	9	207	60	759	98	1391
1:00	7	135			10	183				
1:15	9	161			8	174				
1:30	3	125			9	213				
1:45	6	150	25	571	4	262	31	832	56	1403
2:00	4	134			5	227				
2:15	2	159			8	230				
2:30	3	179			13	302				
2:45	6	167	15	639	5	346	31	1105	46	1744
3:00	5	171			2	351				
3:15	2	196			4	388				
3:30	9	135			3	348				
3:45	15	179	31	681	5	390	14	1477	45	2158
4:00	11	131			2	381				
4:15	20	203			4	479				
4:30	39	203			4	484				
4:45	53	270	123	807	4	432	14	1776	137	2583
5:00	29	204			9	387				
5:15	58	275			8	497				
5:30	74	255			27	450				
5:45	64	237	225	971	29	408	73	1742	298	2713
6:00	66	199			34	359				
6:15	74	187			41	417				
6:30	73	135			38	283				
6:45	113	161	326	682	45	261	158	1320	484	2002
7:00	97	117			69	194				
7:15	101	98			83	138				
7:30	185	86			118	114				
7:45	228	83	611	384	206	132	476	578	1087	962
8:00	248	63			208	98				
8:15	236	68			226	110				
8:30	247	62			234	74				
8:45	254	72	985	265	180	90	848	372	1833	637
9:00	196	64			153	86				
9:15	230	50			111	69				
9:30	186	45			90	69				
9:45	138	35	750	194	120	48	474	272	1224	466
10:00	117	36			96	44				
10:15	131	30			120	43				
10:30	166	32			126	41				
10:45	179	25	593	123	147	34	489	162	1082	285
11:00	125	16			176	28				
11:15	154	18			136	27				
11:30	179	7			148	20				
11:45	150	15	608	56	190	25	650	100	1258	156
Totals	4330	6005			3318	10495				
Combined Totals		10335				13813				
ADT										24148
AM Peak Hour	800	AM			745	AM				
Volume	985				874					
P.H.F.	0.969				0.934					
PM Peak Hour		445	PM			430	PM			
Volume		1004				1800				
P.H.F.		0.913				0.905				
Percentage	41.9%	58.1%			24.0%	76.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

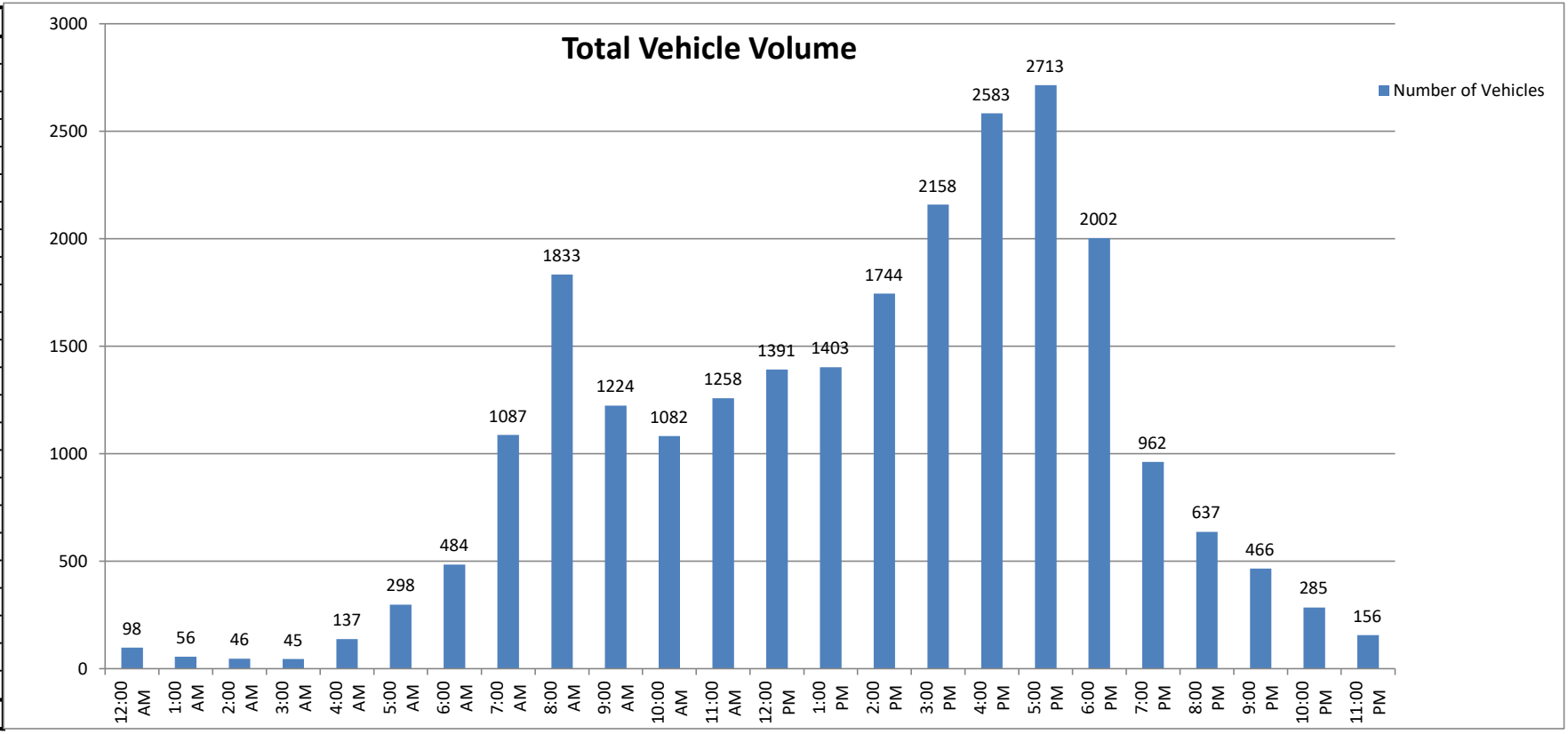
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Center Drive
B/ Yale Avenue - Fontaine Avenue

2/15/2024

Start Time	2/15/2024
12:00 AM	98
1:00 AM	56
2:00 AM	46
3:00 AM	45
4:00 AM	137
5:00 AM	298
6:00 AM	484
7:00 AM	1087
8:00 AM	1833
9:00 AM	1224
10:00 AM	1082
11:00 AM	1258
12:00 PM	1391
1:00 PM	1403
2:00 PM	1744
3:00 PM	2158
4:00 PM	2583
5:00 PM	2713
6:00 PM	2002
7:00 PM	962
8:00 PM	637
9:00 PM	466
10:00 PM	285
11:00 PM	156
Total	24148



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Center Drive
B/ Yale Avenue - Fontaine Avenue

File Name 170
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	142			16	190				
12:15	14	154			16	190				
12:30	7	141			15	183				
12:45	6	181	34	618	10	200	56	762	90	1380
1:00	6	138			8	187				
1:15	7	169			7	199				
1:30	2	146			9	196				
1:45	6	164	20	617	8	251	31	832	51	1449
2:00	4	138			4	215				
2:15	2	156			6	229				
2:30	4	176			9	289				
2:45	5	164	14	633	6	356	25	1089	39	1722
3:00	4	174			2	354				
3:15	3	186			2	376				
3:30	7	139			4	336				
3:45	13	186	27	684	5	390	13	1455	39	2139
4:00	10	162			2	393				
4:15	19	217			4	500				
4:30	39	206			3	466				
4:45	54	269	121	853	4	442	12	1800	133	2653
5:00	26	201			10	390				
5:15	63	293			11	479				
5:30	74	256			21	450				
5:45	60	262	222	1012	28	437	69	1756	291	2767
6:00	67	202			32	383				
6:15	67	207			42	404				
6:30	82	158			41	289				
6:45	112	185	327	751	50	304	164	1380	490	2130
7:00	104	116			65	209				
7:15	117	92			83	187				
7:30	187	84			122	129				
7:45	227	86	634	377	192	111	462	636	1096	1013
8:00	248	65			181	101				
8:15	222	67			188	116				
8:30	242	61			202	95				
8:45	249	66	961	258	175	86	746	397	1706	655
9:00	226	64			151	85				
9:15	212	54			114	75				
9:30	178	42			106	68				
9:45	141	41	755	200	121	56	491	283	1246	483
10:00	125	36			114	54				
10:15	133	30			124	41				
10:30	150	32			128	41				
10:45	171	22	579	118	154	37	519	172	1098	290
11:00	142	14			187	25				
11:15	137	18			155	26				
11:30	169	12			148	21				
11:45	147	14	594	58	189	21	678	92	1272	150
Totals	4286	6175			3264	10652				
Combined Totals		10461				13915				
ADT										24376
AM Peak Hour	800	AM			745	AM				
Volume	961				763					
P.H.F.	0.966				0.944					
PM Peak Hour		445	PM			400	PM			
Volume		1019				1800				
P.H.F.		0.869				0.900				
Percentage	41.0%	59.0%			23.5%	76.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
B/ Alton Parkway - Bake Parkway
24 Hour Directional Volume Count

IRV058
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		27	181			12	160				
12:15		11	158			9	160				
12:30		23	149			7	150				
12:45		15	149	76	637	6	169	34	639	110	1276
01:00		8	169			6	148				
01:15		10	165			6	179				
01:30		10	144			5	188				
01:45		8	149	36	627	4	156	21	671	57	1298
02:00		4	165			10	145				
02:15		2	158			3	145				
02:30		3	212			3	162				
02:45		6	200	15	735	5	166	21	618	36	1353
03:00		6	243			4	196				
03:15		10	217			6	184				
03:30		7	235			5	159				
03:45		8	196	31	891	10	173	25	712	56	1603
04:00		5	214			3	164				
04:15		8	183			18	191				
04:30		13	234			32	210				
04:45		23	202	49	833	59	169	112	734	161	1567
05:00		20	**244**			49	**233**				
05:15		25	**252**			41	**168**				
05:30		26	**243**			47	**214**				
05:45		35	**203**	106	942	76	**206**	213	821	319	1763
06:00		42	195			72	163				
06:15		62	215			97	166				
06:30		73	134			84	137				
06:45		129	167	306	711	144	121	397	587	703	1298
07:00		110	138			127	134				
07:15		125	108			174	131				
07:30		122	112			210	127				
07:45		133	76	490	434	186	98	697	490	1187	924
08:00		**175**	99			**199**	99				
08:15		**142**	72			**190**	99				
08:30		**230**	75			**211**	81				
08:45		**170**	55	717	301	**193**	89	793	368	1510	669
09:00		143	75			139	81				
09:15		141	62			131	75				
09:30		185	37			124	47				
09:45		153	50	622	224	128	55	522	258	1144	482
10:00		167	47			129	51				
10:15		154	38			116	38				
10:30		158	37			108	28				
10:45		167	20	646	142	103	21	456	138	1102	280
11:00		108	26			122	34				
11:15		127	18			118	16				
11:30		173	16			126	21				
11:45		187	10	595	70	129	18	495	89	1090	159
Total		3689	6547	3689	6547	3786	6125	3786	6125	7475	12672
Combined Total		10236		10236		9911		9911		20147	
AM Peak	-	08:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	717	-	-	-	793	-	-	-	-	-
P.H.F.		0.779				0.940					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	942	-	-	-	821	-	-	-	-
P.H.F.			0.935				0.881				
Percentage		36.0%	64.0%			38.2%	61.8%				
ADT/AADT		ADT 20,147		AADT 20,147							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
B/ Alton Parkway - Fairbanks
24 Hour Directional Volume Count

IRV057
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	167			15	134				
12:15		9	133			10	117				
12:30		8	128			14	161				
12:45		17	118	43	546	8	110	47	522	90	1068
01:00		7	120			7	111				
01:15		5	120			8	103				
01:30		8	125			5	148				
01:45		5	122	25	487	1	129	21	491	46	978
02:00		7	131			11	136				
02:15		4	151			1	155				
02:30		4	**171**			4	194				
02:45		6	**179**	21	632	3	183	19	668	40	1300
03:00		11	**185**			8	171				
03:15		4	**154**			5	188				
03:30		7	156			3	173				
03:45		11	160	33	655	6	196	22	728	55	1383
04:00		14	145			10	180				
04:15		15	133			4	212				
04:30		17	168			8	212				
04:45		27	145	73	591	11	**235**	33	839	106	1430
05:00		16	177			15	**224**				
05:15		26	166			19	**213**				
05:30		36	144			41	**256**				
05:45		62	140	140	627	54	211	129	904	269	1531
06:00		65	158			51	173				
06:15		73	159			59	163				
06:30		89	134			71	151				
06:45		120	112	347	563	98	135	279	622	626	1185
07:00		135	117			79	131				
07:15		141	97			107	129				
07:30		149	90			**152**	113				
07:45		183	77	608	381	**134**	116	472	489	1080	870
08:00		**179**	88			**103**	114				
08:15		**182**	74			**124**	93				
08:30		**187**	82			145	83				
08:45		**207**	51	755	295	116	87	488	377	1243	672
09:00		164	54			98	74				
09:15		188	43			101	77				
09:30		134	54			89	55				
09:45		135	46	621	197	95	53	383	259	1004	456
10:00		130	40			92	57				
10:15		108	26			98	52				
10:30		129	32			96	38				
10:45		100	27	467	125	92	18	378	165	845	290
11:00		134	14			105	25				
11:15		128	19			111	22				
11:30		121	18			117	22				
11:45		125	10	508	61	119	14	452	83	960	144
Total		3641	5160	3641	5160	2723	6147	2723	6147	6364	11307
Combined Total		8801		8801		8870		8870		17671	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	755	-	-	-	513	-	-	-	-	-
P.H.F.		0.912				0.844					
PM Peak	-	-	02:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	689	-	-	-	928	-	-	-	-
P.H.F.			0.931				0.906				
Percentage		41.4%	58.6%			30.7%	69.3%				
ADT/AADT		ADT 17,671		AADT 17,671							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Irvine Boulevard
B/ Newport Avenue - Red Hill Avenue
24 Hour Directional Volume Count

TUS049
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		13	228			10	266				
12:15		13	213			12	297				
12:30		14	229			14	227				
12:45		6	223	46	893	10	314	46	1104	92	1997
01:00		3	257			5	280				
01:15		5	232			7	284				
01:30		3	229			6	293				
01:45		9	247	20	965	3	378	21	1235	41	2200
02:00		6	232			9	370				
02:15		9	240			2	438				
02:30		3	259			4	364				
02:45		5	265	23	996	4	468	19	1640	42	2636
03:00		4	237			6	578				
03:15		5	288			5	596				
03:30		6	286			6	547				
03:45		6	299	21	1110	6	**614**	23	2335	44	3445
04:00		9	262			7	**545**				
04:15		16	**317**			6	**638**				
04:30		24	**351**			10	**563**				
04:45		26	**355**	75	1285	20	601	43	2347	118	3632
05:00		26	**357**			19	549				
05:15		39	269			20	589				
05:30		66	324			29	562				
05:45		60	347	191	1297	40	589	108	2289	299	3586
06:00		76	304			54	547				
06:15		104	278			64	485				
06:30		123	241			80	354				
06:45		151	257	454	1080	124	380	322	1766	776	2846
07:00		162	216			166	242				
07:15		244	225			226	238				
07:30		**279**	189			287	224				
07:45		**379**	209	1064	839	**455**	197	1134	901	2198	1740
08:00		**356**	166			**464**	183				
08:15		**332**	157			**486**	161				
08:30		251	146			**333**	140				
08:45		228	99	1167	568	307	125	1590	609	2757	1177
09:00		205	107			246	98				
09:15		168	97			217	86				
09:30		154	65			218	80				
09:45		170	81	697	350	244	76	925	340	1622	690
10:00		151	53			176	69				
10:15		164	33			248	45				
10:30		199	41			206	57				
10:45		175	25	689	152	272	125	902	296	1591	448
11:00		193	23			234	68				
11:15		181	23			249	31				
11:30		216	15			235	27				
11:45		255	9	845	70	245	20	963	146	1808	216
Total		5292	9605	5292	9605	6096	15008	6096	15008	11388	24613
Combined Total		14897		14897		21104		21104		36001	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1346	-	-	-	1738	-	-	-	-	-
P.H.F.		0.888				0.894					
PM Peak	-	-	04:15	-	-	-	03:45	-	-	-	-
Vol.	-	-	1380	-	-	-	2360	-	-	-	-
P.H.F.			0.966				0.925				
Percentage		35.5%	64.5%			28.9%	71.1%				
ADT/AADT		ADT 36,001		AADT 36,001							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Irvine Boulevard
B/ Red Hill Avenue - Browning Avenue
24 Hour Directional Volume Count

TUS048
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		17	230			8	229				
12:15		15	206			7	267				
12:30		13	206			14	203				
12:45		9	216	54	858	9	284	38	983	92	1841
01:00		4	245			6	232				
01:15		7	226			8	237				
01:30		5	220			4	256				
01:45		8	235	24	926	1	355	19	1080	43	2006
02:00		8	214			7	316				
02:15		10	211			2	402				
02:30		4	263			3	342				
02:45		5	281	27	969	3	448	15	1508	42	2477
03:00		3	256			5	537				
03:15		6	276			5	550				
03:30		7	240			3	495				
03:45		7	285	23	1057	6	**586**	19	2168	42	3225
04:00		10	247			5	**507**				
04:15		15	**312**			6	**615**				
04:30		26	**344**			11	**532**				
04:45		26	**354**	77	1257	20	557	42	2211	119	3468
05:00		23	**343**			18	492				
05:15		48	278			13	563				
05:30		59	321			26	514				
05:45		70	333	200	1275	30	567	87	2136	287	3411
06:00		70	286			48	473				
06:15		97	259			56	466				
06:30		124	229			72	315				
06:45		149	244	440	1018	119	358	295	1612	735	2630
07:00		158	203			154	239				
07:15		226	210			231	228				
07:30		**274**	189			265	202				
07:45		**387**	202	1045	804	**467**	189	1117	858	2162	1662
08:00		**396**	151			**437**	155				
08:15		**337**	157			**496**	135				
08:30		235	131			**327**	128				
08:45		220	109	1188	548	323	134	1583	552	2771	1100
09:00		195	101			224	95				
09:15		177	109			187	77				
09:30		151	75			192	67				
09:45		177	80	700	365	221	64	824	303	1524	668
10:00		148	52			173	56				
10:15		165	37			202	40				
10:30		179	37			190	53				
10:45		167	33	659	159	226	94	791	243	1450	402
11:00		192	26			198	40				
11:15		175	24			187	31				
11:30		207	19			209	27				
11:45		239	16	813	85	226	20	820	118	1633	203
Total		5250	9321	5250	9321	5650	13772	5650	13772	10900	23093
Combined Total		14571		14571		19422		19422		33993	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1394	-	-	-	1727	-	-	-	-	-
P.H.F.		0.880				0.870					
PM Peak	-	-	04:15	-	-	-	03:45	-	-	-	-
Vol.	-	-	1353	-	-	-	2240	-	-	-	-
P.H.F.			0.956				0.911				
Percentage		36.0%	64.0%			29.1%	70.9%				
ADT/AADT		ADT 33,993		AADT 33,993							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Bake Parkway - Lake Forest Drive

File Name 213
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	129			8	126				
12:15	9	140			3	100				
12:30	12	141			4	135				
12:45	6	140	49	550	3	126	18	487	67	1037
1:00	5	142			2	127				
1:15	5	148			4	125				
1:30	7	121			6	118				
1:45	8	143	25	554	4	137	16	507	41	1061
2:00	3	156			2	107				
2:15	6	125			4	107				
2:30	8	164			3	128				
2:45	2	193	19	638	3	123	12	465	31	1103
3:00	3	175			4	133				
3:15	2	184			7	125				
3:30	8	187			15	135				
3:45	4	220	17	766	16	118	42	511	59	1277
4:00	2	212			8	145				
4:15	2	216			23	131				
4:30	8	223			25	139				
4:45	10	222	22	873	49	121	105	536	127	1409
5:00	5	257			26	129				
5:15	16	261			46	137				
5:30	7	252			54	124				
5:45	20	221	48	991	86	130	212	520	260	1511
6:00	26	205			83	131				
6:15	28	204			84	138				
6:30	41	146			133	122				
6:45	59	157	154	712	149	105	449	496	603	1208
7:00	61	157			127	123				
7:15	73	141			180	94				
7:30	82	138			228	90				
7:45	92	131	308	567	221	84	756	391	1064	958
8:00	104	104			200	73				
8:15	95	133			210	73				
8:30	88	82			218	69				
8:45	89	88	376	407	160	46	788	261	1164	668
9:00	86	86			149	41				
9:15	97	92			132	42				
9:30	97	95			106	55				
9:45	77	74	357	347	107	38	494	176	851	523
10:00	83	64			111	32				
10:15	75	47			112	18				
10:30	67	47			113	21				
10:45	91	43	316	201	97	17	433	88	749	289
11:00	98	30			98	12				
11:15	111	21			79	17				
11:30	114	15			102	8				
11:45	112	24	435	90	113	4	392	41	827	131
Totals	2126	6696			3717	4479				
Combined Totals		8822				8196				
ADT										17018
AM Peak Hour	1100	AM			730	AM				
Volume	435				859					
P.H.F.	0.954				0.942					
PM Peak Hour		445	PM			400	PM			
Volume		992				536				
P.H.F.		0.950				0.924				
Percentage	24.1%	75.9%			45.4%	54.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

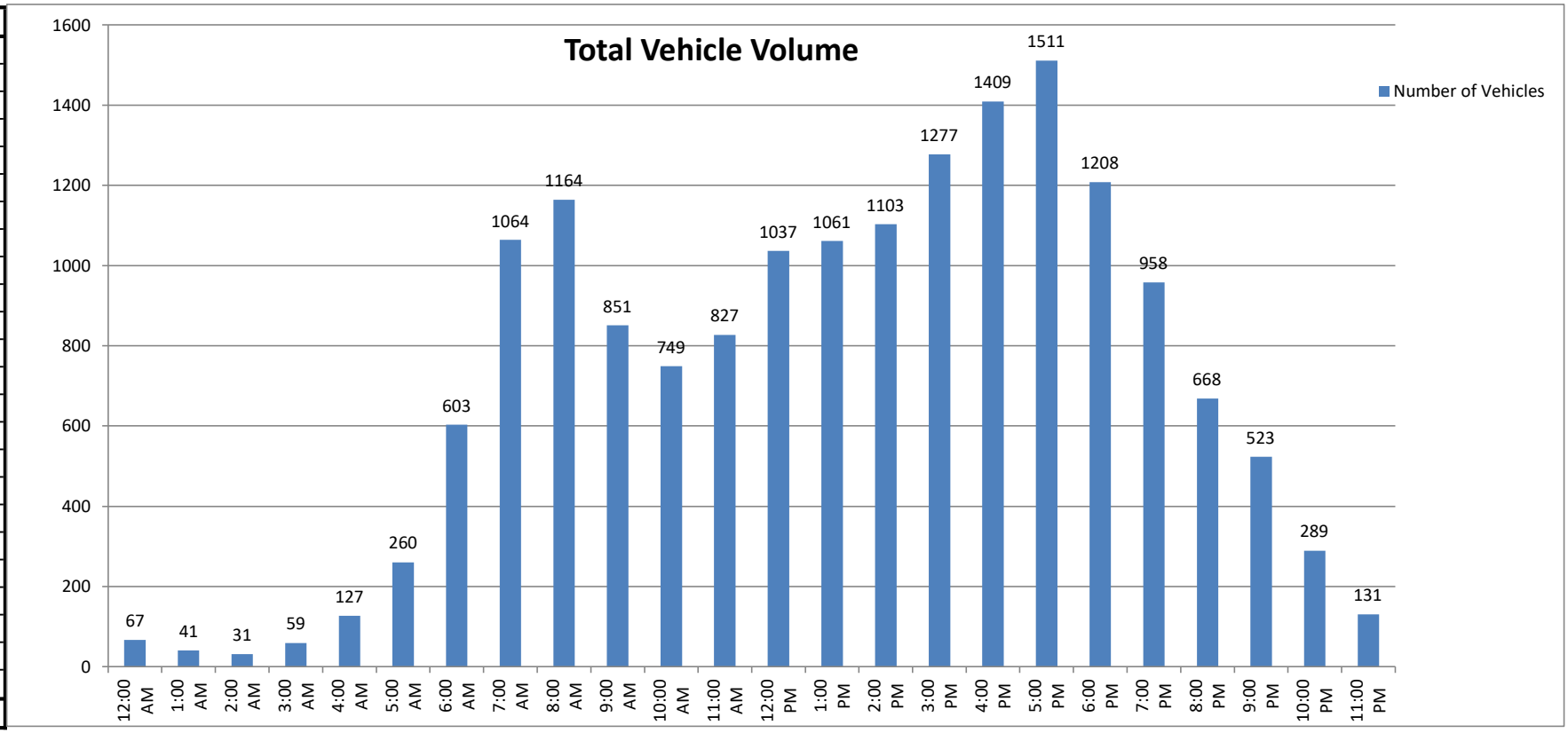
24 Hour Volume Plot

Irvine Boulevard

B/ Bake Parkway - Lake Forest Drive

3/13/2024

Start Time	3/13/2024
12:00 AM	67
1:00 AM	41
2:00 AM	31
3:00 AM	59
4:00 AM	127
5:00 AM	260
6:00 AM	603
7:00 AM	1064
8:00 AM	1164
9:00 AM	851
10:00 AM	749
11:00 AM	827
12:00 PM	1037
1:00 PM	1061
2:00 PM	1103
3:00 PM	1277
4:00 PM	1409
5:00 PM	1511
6:00 PM	1208
7:00 PM	958
8:00 PM	668
9:00 PM	523
10:00 PM	289
11:00 PM	131
Total	17018



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Bake Parkway - Lake Forest Drive

File Name 213
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	115			11	95				
12:15	12	138			7	125				
12:30	18	124			4	126				
12:45	14	125	58	502	1	115	23	461	81	963
1:00	10	132			0	136				
1:15	11	124			3	122				
1:30	12	134			3	100				
1:45	3	123	36	513	3	128	9	486	45	999
2:00	6	129			4	111				
2:15	2	130			3	116				
2:30	5	168			1	108				
2:45	8	173	21	600	6	156	14	491	35	1091
3:00	2	192			4	134				
3:15	3	165			9	130				
3:30	9	211			10	122				
3:45	6	198	20	766	13	117	36	503	56	1269
4:00	2	215			11	126				
4:15	7	222			22	125				
4:30	4	197			26	136				
4:45	7	223	20	857	46	141	105	528	125	1385
5:00	11	281			39	129				
5:15	17	263			40	147				
5:30	16	255			66	141				
5:45	27	235	71	1034	88	125	233	542	304	1576
6:00	22	206			75	117				
6:15	36	211			72	109				
6:30	39	167			125	119				
6:45	69	169	166	753	133	110	405	455	571	1208
7:00	76	116			157	92				
7:15	81	118			206	77				
7:30	74	132			203	73				
7:45	94	130	325	496	209	75	775	317	1100	813
8:00	117	121			172	66				
8:15	84	102			201	54				
8:30	102	106			212	57				
8:45	119	87	422	416	174	57	759	234	1181	650
9:00	86	96			163	57				
9:15	82	82			117	55				
9:30	79	80			130	43				
9:45	84	60	331	318	117	23	527	178	858	496
10:00	82	66			108	35				
10:15	73	55			90	31				
10:30	76	43			98	27				
10:45	105	37	336	201	109	20	405	113	741	314
11:00	88	26			93	11				
11:15	110	42			119	8				
11:30	119	29			126	17				
11:45	119	32	436	129	103	11	441	47	877	176
Totals	2242	6585			3732	4355				
Combined Totals		8827				8087				
ADT										16914
AM Peak Hour	1100	AM			745	AM				
Volume	436				794					
P.H.F.	0.916				0.936					
PM Peak Hour		500	PM			445	PM			
Volume		1034				558				
P.H.F.		0.920				0.949				
Percentage	25.4%	74.6%			46.1%	53.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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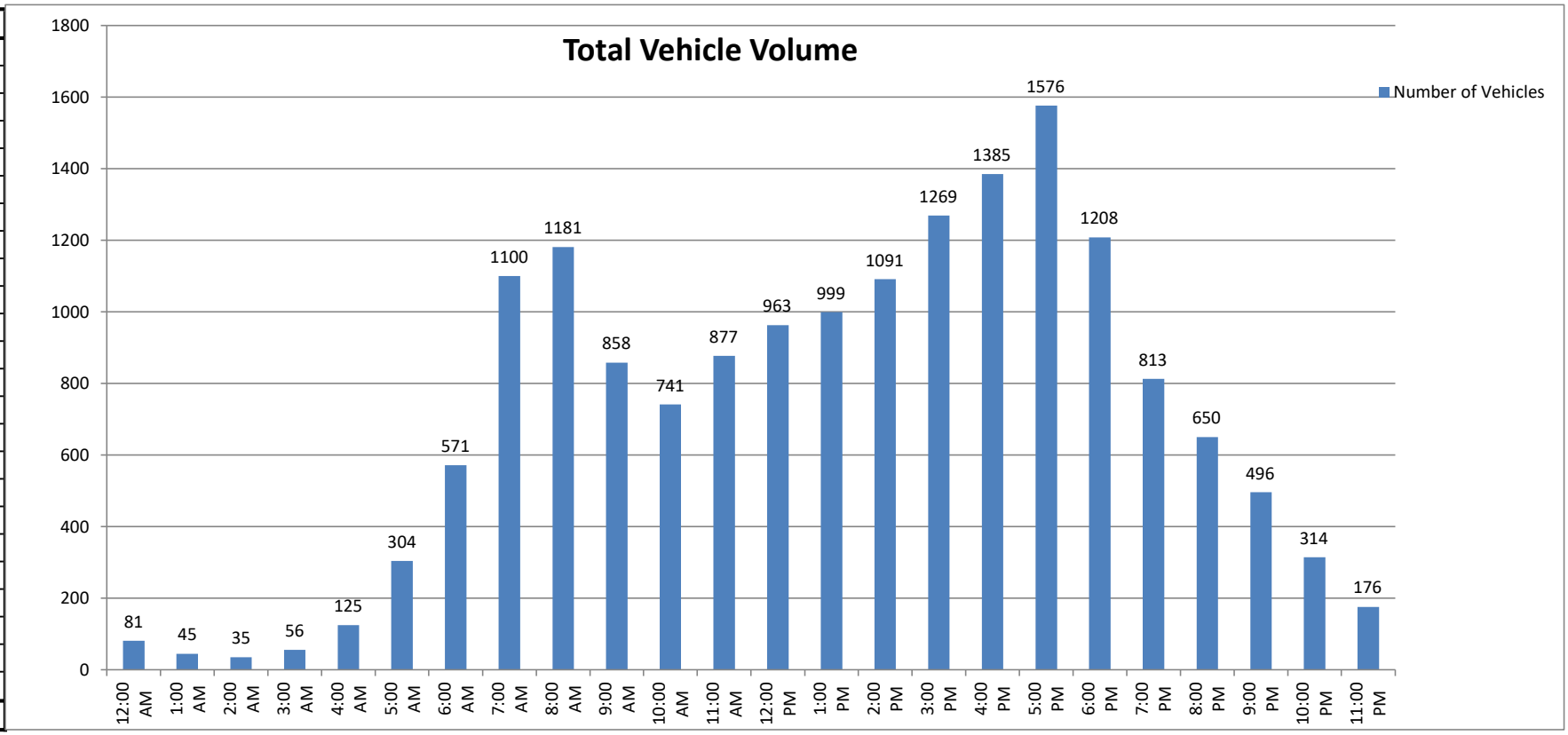
24 Hour Volume Plot

Irvine Boulevard

B/ Bake Parkway - Lake Forest Drive

3/14/2024

Start Time	3/14/2024
12:00 AM	81
1:00 AM	45
2:00 AM	35
3:00 AM	56
4:00 AM	125
5:00 AM	304
6:00 AM	571
7:00 AM	1100
8:00 AM	1181
9:00 AM	858
10:00 AM	741
11:00 AM	877
12:00 PM	963
1:00 PM	999
2:00 PM	1091
3:00 PM	1269
4:00 PM	1385
5:00 PM	1576
6:00 PM	1208
7:00 PM	813
8:00 PM	650
9:00 PM	496
10:00 PM	314
11:00 PM	176
Total	16914



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Bake Parkway - Lake Forest Drive

File Name 213
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	122			10	111				
12:15	11	139			5	113				
12:30	15	133			4	131				
12:45	10	133	54	526	2	121	21	474	74	1000
1:00	8	137			1	132				
1:15	8	136			4	124				
1:30	10	128			5	109				
1:45	6	133	31	534	4	133	13	497	43	1030
2:00	5	143			3	109				
2:15	4	128			4	112				
2:30	7	166			2	118				
2:45	5	183	20	619	5	140	13	478	33	1097
3:00	3	184			4	134				
3:15	3	175			8	128				
3:30	9	199			13	129				
3:45	5	209	19	766	15	118	39	507	58	1273
4:00	2	214			10	136				
4:15	5	219			23	128				
4:30	6	210			26	138				
4:45	9	223	21	865	48	131	105	532	126	1397
5:00	8	269			33	129				
5:15	17	262			43	142				
5:30	12	254			60	133				
5:45	24	228	60	1013	87	128	223	531	282	1544
6:00	24	206			79	124				
6:15	32	208			78	124				
6:30	40	157			129	121				
6:45	64	163	160	733	141	108	427	476	587	1208
7:00	69	137			142	108				
7:15	77	130			193	86				
7:30	78	135			216	82				
7:45	93	131	317	532	215	80	766	354	1082	886
8:00	111	113			186	70				
8:15	90	118			206	64				
8:30	95	94			215	63				
8:45	104	88	399	412	167	52	774	248	1173	659
9:00	86	91			156	49				
9:15	90	87			125	49				
9:30	88	88			118	49				
9:45	81	67	344	333	112	31	511	177	855	510
10:00	83	65			110	34				
10:15	74	51			101	25				
10:30	72	45			106	24				
10:45	98	40	326	201	103	19	419	101	745	302
11:00	93	28			96	12				
11:15	111	32			99	13				
11:30	117	22			114	13				
11:45	116	28	436	110	108	8	417	44	852	154
Totals	2184	6641			3725	4417				
Combined Totals		8825				8142				
ADT										16966
AM Peak Hour	1100	AM			730	AM				
Volume	436				822					
P.H.F.	0.935				0.954					
PM Peak Hour		500	PM			430	PM			
Volume		1013				540				
P.H.F.		0.941				0.950				
Percentage	24.7%	75.3%			45.7%	54.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Bosque - Modjeska

File Name 208
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	189			21	187				
12:15	16	199			22	198				
12:30	17	227			17	207				
12:45	16	213	79	828	11	209	71	801	150	1629
1:00	9	214			8	178				
1:15	10	182			12	203				
1:30	7	252			4	237				
1:45	12	235	38	883	5	205	29	823	67	1706
2:00	8	249			6	220				
2:15	11	230			7	322				
2:30	7	215			1	377				
2:45	10	209	36	903	3	289	17	1208	53	2111
3:00	11	223			2	350				
3:15	11	275			10	286				
3:30	13	277			6	361				
3:45	11	251	46	1026	7	391	25	1388	71	2414
4:00	11	260			6	333				
4:15	25	289			9	344				
4:30	35	257			15	324				
4:45	35	261	106	1067	22	318	52	1319	158	2386
5:00	33	280			24	337				
5:15	54	316			28	355				
5:30	75	316			46	306				
5:45	104	296	266	1208	58	270	156	1268	422	2476
6:00	102	250			67	268				
6:15	138	295			51	259				
6:30	127	278			100	248				
6:45	179	248	546	1071	107	197	325	972	871	2043
7:00	152	218			145	164				
7:15	201	219			254	181				
7:30	231	192			278	156				
7:45	291	206	875	835	307	122	984	623	1859	1458
8:00	294	164			288	139				
8:15	430	184			321	130				
8:30	335	152			361	117				
8:45	241	181	1300	681	272	113	1242	499	2542	1180
9:00	206	164			214	96				
9:15	216	139			220	102				
9:30	181	114			191	119				
9:45	182	113	785	530	205	94	830	411	1615	941
10:00	153	122			170	92				
10:15	147	78			183	47				
10:30	147	74			157	50				
10:45	154	62	601	336	170	39	680	228	1281	564
11:00	151	38			165	41				
11:15	160	45			146	36				
11:30	157	47			166	29				
11:45	187	31	655	161	151	16	628	122	1283	283
Totals	5333	9529			5039	9662				
Combined Totals		14862				14701				
ADT										29563
AM Peak Hour	745	AM			745	AM				
Volume	1350				1277					
P.H.F.	0.785				0.884					
PM Peak Hour		500	PM			330	PM			
Volume		1208				1429				
P.H.F.		0.956				0.914				
Percentage	35.9%	64.1%			34.3%	65.7%				

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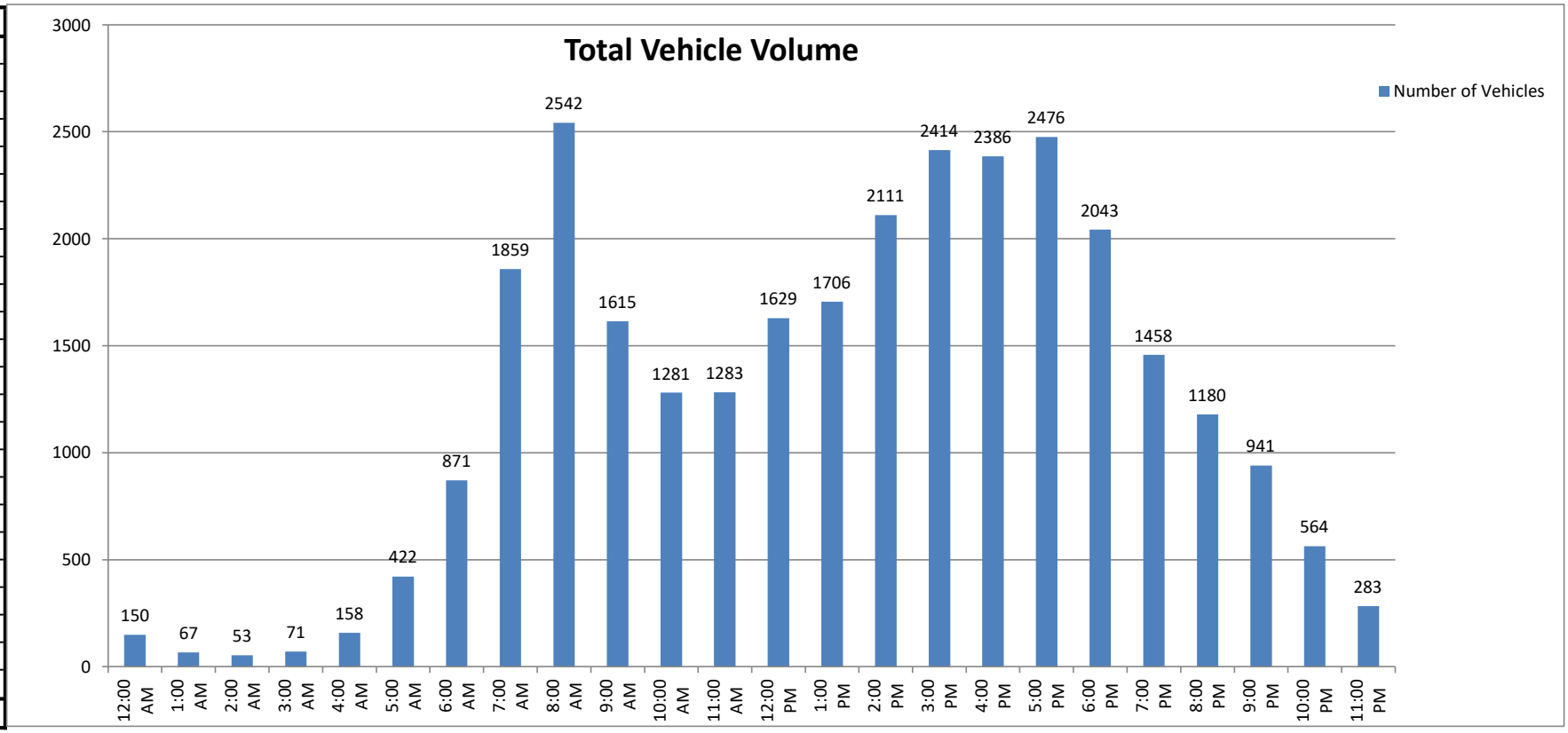
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Bosque - Modjeska
3/13/2024

Start Time	3/13/2024
12:00 AM	150
1:00 AM	67
2:00 AM	53
3:00 AM	71
4:00 AM	158
5:00 AM	422
6:00 AM	871
7:00 AM	1859
8:00 AM	2542
9:00 AM	1615
10:00 AM	1281
11:00 AM	1283
12:00 PM	1629
1:00 PM	1706
2:00 PM	2111
3:00 PM	2414
4:00 PM	2386
5:00 PM	2476
6:00 PM	2043
7:00 PM	1458
8:00 PM	1180
9:00 PM	941
10:00 PM	564
11:00 PM	283
Total	29563



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Irvine Boulevard
B/ Bosque - Modjeska

File Name 208
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	168			25	178				
12:15	40	167			18	199				
12:30	34	186			12	191				
12:45	28	189	125	710	16	170	71	738	196	1448
1:00	17	174			17	158				
1:15	16	188			9	183				
1:30	19	173			5	202				
1:45	19	208	71	743	6	226	37	769	108	1512
2:00	13	238			6	212				
2:15	14	203			5	327				
2:30	4	219			1	343				
2:45	10	230	41	890	4	309	16	1191	57	2081
3:00	10	216			5	289				
3:15	9	301			7	299				
3:30	17	300			3	338				
3:45	32	289	68	1106	12	399	27	1325	95	2431
4:00	16	234			6	362				
4:15	25	221			8	339				
4:30	36	276			10	301				
4:45	75	242	152	973	22	316	46	1318	198	2291
5:00	99	300			29	330				
5:15	89	286			24	358				
5:30	112	284			41	361				
5:45	96	324	396	1194	71	282	165	1331	561	2525
6:00	108	310			53	217				
6:15	134	288			60	270				
6:30	141	263			110	231				
6:45	196	249	579	1110	130	229	353	947	932	2057
7:00	153	246			173	188				
7:15	182	232			224	162				
7:30	202	233			314	157				
7:45	300	228	837	939	287	142	998	649	1835	1588
8:00	397	184			294	153				
8:15	397	170			344	124				
8:30	273	167			331	114				
8:45	275	177	1342	698	253	104	1222	495	2564	1193
9:00	226	184			223	111				
9:15	213	137			199	104				
9:30	168	114			184	106				
9:45	209	149	816	584	210	75	816	396	1632	980
10:00	159	93			192	100				
10:15	168	95			166	93				
10:30	167	73			179	67				
10:45	178	88	672	349	157	60	694	320	1366	669
11:00	142	46			166	56				
11:15	158	64			161	42				
11:30	144	42			168	42				
11:45	175	31	619	183	177	36	672	176	1291	359
Totals	5718	9479			5117	9655				
Combined Totals		15197				14772				
ADT										29969
AM Peak Hour	745	AM			745	AM				
Volume	1367				1256					
P.H.F.	0.861				0.913					
PM Peak Hour		530	PM			330	PM			
Volume		1206				1438				
P.H.F.		0.931				0.901				
Percentage	37.6%	62.4%			34.6%	65.4%				

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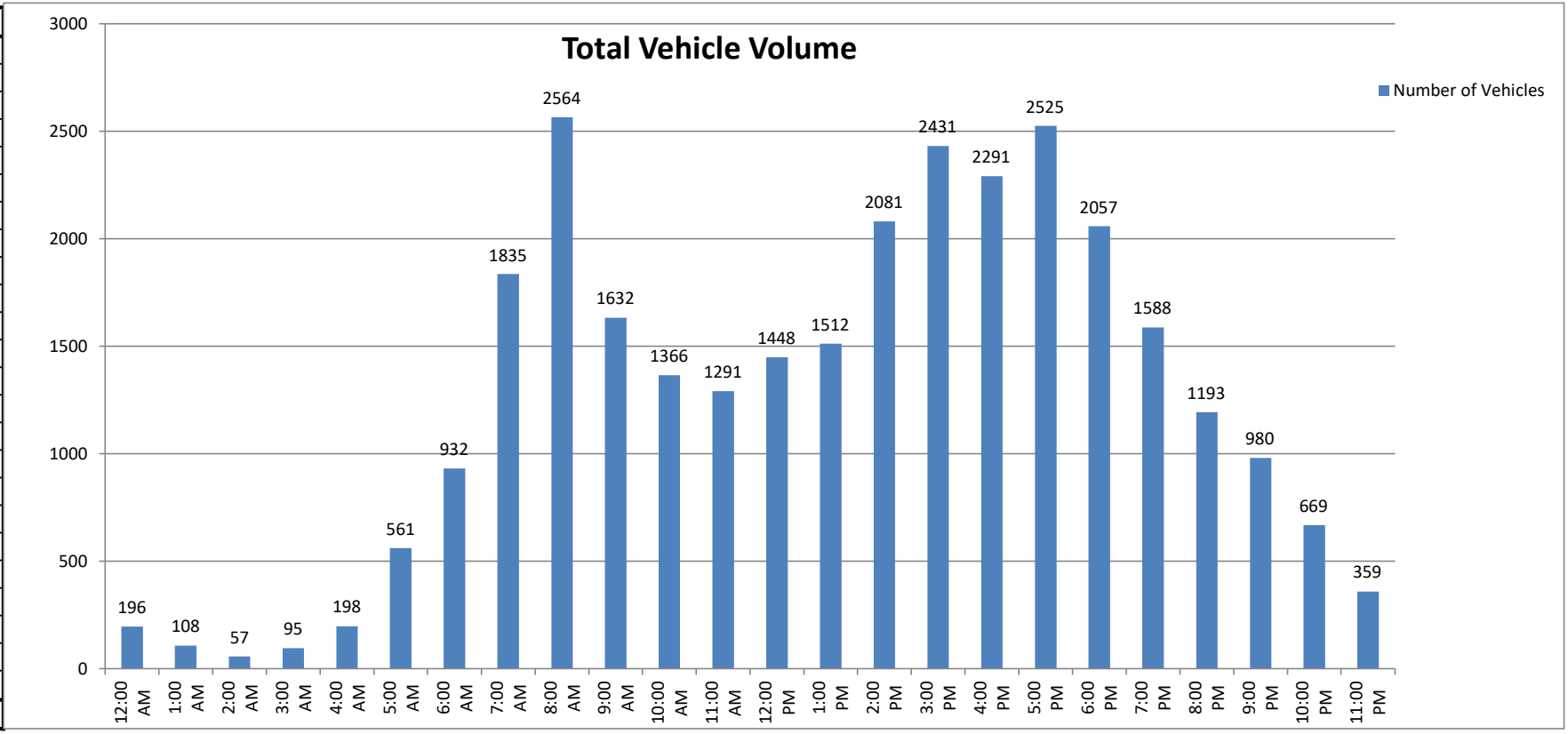
24 Hour Volume Plot

Irvine Boulevard
B/ Bosque - Modjeska
3/14/2024

Start Time	3/14/2024
12:00 AM	196
1:00 AM	108
2:00 AM	57
3:00 AM	95
4:00 AM	198
5:00 AM	561
6:00 AM	932
7:00 AM	1835
8:00 AM	2564
9:00 AM	1632
10:00 AM	1366
11:00 AM	1291
12:00 PM	1448
1:00 PM	1512
2:00 PM	2081
3:00 PM	2431
4:00 PM	2291
5:00 PM	2525
6:00 PM	2057
7:00 PM	1588
8:00 PM	1193
9:00 PM	980
10:00 PM	669
11:00 PM	359
Total	29969



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Bosque - Modjeska

File Name 208
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	179			23	183				
12:15	28	183			20	199				
12:30	26	207			15	199				
12:45	22	201	102	769	14	190	71	770	173	1539
1:00	13	194			13	168				
1:15	13	185			11	193				
1:30	13	213			5	220				
1:45	16	222	55	813	6	216	33	796	88	1609
2:00	11	244			6	216				
2:15	13	217			6	325				
2:30	6	217			1	360				
2:45	10	220	39	897	4	299	17	1200	55	2096
3:00	11	220			4	320				
3:15	10	288			9	293				
3:30	15	289			5	350				
3:45	22	270	57	1066	10	395	26	1357	83	2423
4:00	14	247			6	348				
4:15	25	255			9	342				
4:30	36	267			13	313				
4:45	55	252	129	1020	22	317	49	1319	178	2339
5:00	66	290			27	334				
5:15	72	301			26	357				
5:30	94	300			44	334				
5:45	100	310	331	1201	65	276	161	1300	492	2501
6:00	105	280			60	243				
6:15	136	292			56	265				
6:30	134	271			105	240				
6:45	188	249	563	1091	119	213	339	960	902	2050
7:00	153	232			159	176				
7:15	192	226			239	172				
7:30	217	213			296	157				
7:45	296	217	856	887	297	132	991	636	1847	1523
8:00	346	174			291	146				
8:15	414	177			333	127				
8:30	304	160			346	116				
8:45	258	179	1321	690	263	109	1232	497	2553	1187
9:00	216	174			219	104				
9:15	215	138			210	103				
9:30	175	114			188	113				
9:45	196	131	801	557	208	85	823	404	1624	961
10:00	156	108			181	96				
10:15	158	87			175	70				
10:30	157	74			168	59				
10:45	166	75	637	343	164	50	687	274	1324	617
11:00	147	42			166	49				
11:15	159	55			154	39				
11:30	151	45			167	36				
11:45	181	31	637	172	164	26	650	149	1287	321
Totals	5526	9504			5078	9659				
Combined Totals		15030				14737				
ADT										29766
AM Peak Hour	745	AM			745	AM				
Volume	1359				1267					
P.H.F.	0.821				0.915					
PM Peak Hour		500	PM			330	PM			
Volume		1201				1434				
P.H.F.		0.969				0.907				
Percentage	36.8%	63.2%			34.5%	65.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Central Park Avenue - Culver Drive

File Name 199
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	192			4	194				
12:15	18	211			8	177				
12:30	13	187			11	218				
12:45	5	176	42	766	13	183	36	772	78	1538
1:00	4	163			11	160				
1:15	7	197			5	227				
1:30	5	201			7	199				
1:45	4	156	20	717	2	271	25	857	45	1574
2:00	4	142			5	249				
2:15	4	183			7	255				
2:30	6	188			6	258				
2:45	3	169	17	682	2	310	20	1072	37	1754
3:00	3	191			3	361				
3:15	5	225			5	377				
3:30	10	241			3	411				
3:45	5	212	23	869	6	425	17	1574	40	2443
4:00	7	197			7	455				
4:15	15	220			4	465				
4:30	23	196			11	464				
4:45	23	244	68	857	11	402	33	1786	101	2643
5:00	23	253			9	481				
5:15	31	270			23	420				
5:30	48	258			24	454				
5:45	59	242	161	1023	38	352	94	1707	255	2730
6:00	80	267			24	396				
6:15	83	214			42	288				
6:30	90	239			66	272				
6:45	99	207	352	927	84	214	216	1170	568	2097
7:00	121	181			81	201				
7:15	156	207			118	181				
7:30	179	156			202	181				
7:45	196	163	652	707	234	160	635	723	1287	1430
8:00	212	131			303	138				
8:15	216	144			295	132				
8:30	235	56			263	134				
8:45	166	145	829	476	260	103	1121	507	1950	983
9:00	135	97			162	97				
9:15	132	120			148	73				
9:30	137	79			211	73				
9:45	120	62	524	358	147	60	668	303	1192	661
10:00	131	50			161	47				
10:15	135	65			173	52				
10:30	127	48			145	47				
10:45	148	28	541	191	162	33	641	179	1182	370
11:00	157	35			167	23				
11:15	157	29			198	36				
11:30	148	26			200	23				
11:45	195	18	657	108	205	11	770	93	1427	201
Totals	3886	7681			4276	10743				
Combined Totals		11567				15019				
ADT										26586
AM Peak Hour	745	AM			800	AM				
Volume	859				1121					
P.H.F.	0.914				0.925					
PM Peak Hour		515	PM			415	PM			
Volume		1037				1812				
P.H.F.		0.960				0.942				
Percentage	33.6%	66.4%			28.5%	71.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

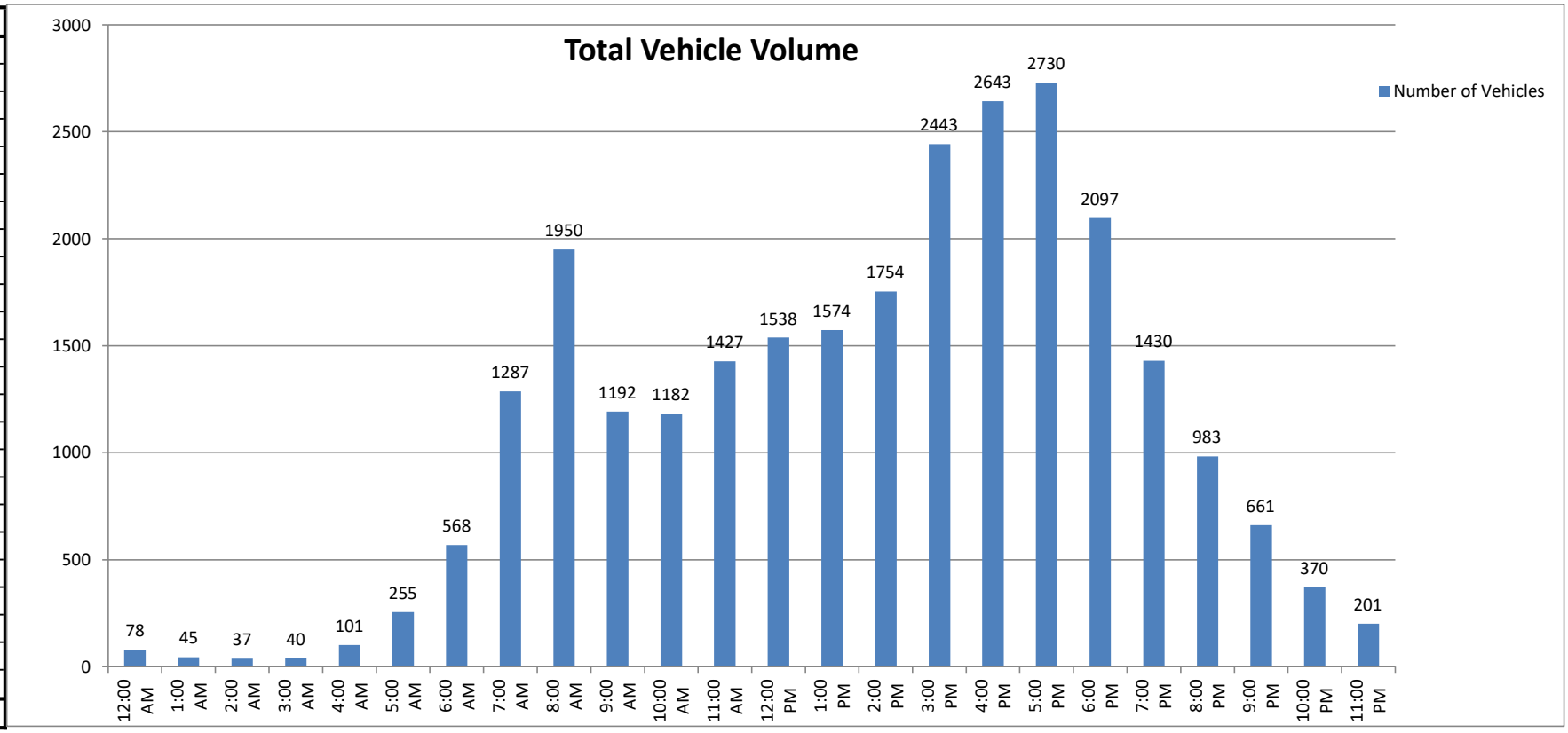
24 Hour Volume Plot

Irvine Boulevard

B/ Central Park Avenue - Culver Drive

5/1/2024

Start Time	5/1/2024
12:00 AM	78
1:00 AM	45
2:00 AM	37
3:00 AM	40
4:00 AM	101
5:00 AM	255
6:00 AM	568
7:00 AM	1287
8:00 AM	1950
9:00 AM	1192
10:00 AM	1182
11:00 AM	1427
12:00 PM	1538
1:00 PM	1574
2:00 PM	1754
3:00 PM	2443
4:00 PM	2643
5:00 PM	2730
6:00 PM	2097
7:00 PM	1430
8:00 PM	983
9:00 PM	661
10:00 PM	370
11:00 PM	201
Total	26586



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Central Park Avenue - Culver Drive

File Name 199
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	175			20	202				
12:15	14	166			9	179				
12:30	16	220			19	168				
12:45	5	182	49	743	12	184	60	733	109	1476
1:00	8	201			6	196				
1:15	4	172			5	218				
1:30	9	208			5	232				
1:45	3	221	24	802	8	219	24	865	48	1667
2:00	4	196			5	206				
2:15	5	202			6	192				
2:30	8	241			5	189				
2:45	3	295	20	934	5	200	21	787	41	1721
3:00	3	394			5	206				
3:15	6	380			6	248				
3:30	9	485			10	216				
3:45	5	452	23	1711	13	245	34	915	57	2626
4:00	12	517			7	274				
4:15	5	420			11	273				
4:30	10	525			27	238				
4:45	13	433	40	1895	21	244	66	1029	106	2924
5:00	18	528			23	312				
5:15	16	443			24	310				
5:30	35	485			38	332				
5:45	39	372	108	1828	42	335	127	1289	235	3117
6:00	38	401			57	294				
6:15	56	437			69	294				
6:30	67	343			83	244				
6:45	83	290	244	1471	84	255	293	1087	537	2558
7:00	88	172			91	243				
7:15	151	209			117	210				
7:30	200	163			146	207				
7:45	249	166	688	710	187	164	541	824	1229	1534
8:00	282	137			199	181				
8:15	265	110			231	150				
8:30	294	89			231	153				
8:45	208	109	1049	445	161	145	822	629	1871	1074
9:00	211	93			141	119				
9:15	153	68			131	129				
9:30	169	95			124	126				
9:45	150	53	683	309	128	104	524	478	1207	787
10:00	161	54			140	76				
10:15	177	45			92	84				
10:30	157	33			140	64				
10:45	179	26	674	158	145	76	517	300	1191	458
11:00	159	30			148	42				
11:15	188	29			166	45				
11:30	164	23			180	36				
11:45	172	19	683	101	197	30	691	153	1374	254
Totals	4285	11107			3720	9089				
Combined Totals		15392				12809				
ADT										28201
AM Peak Hour	745	AM			745	AM				
Volume	1090				848					
P.H.F.	0.927				0.918					
PM Peak Hour		430	PM			500	PM			
Volume		1929				1289				
P.H.F.		0.913				0.962				
Percentage	27.8%	72.2%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

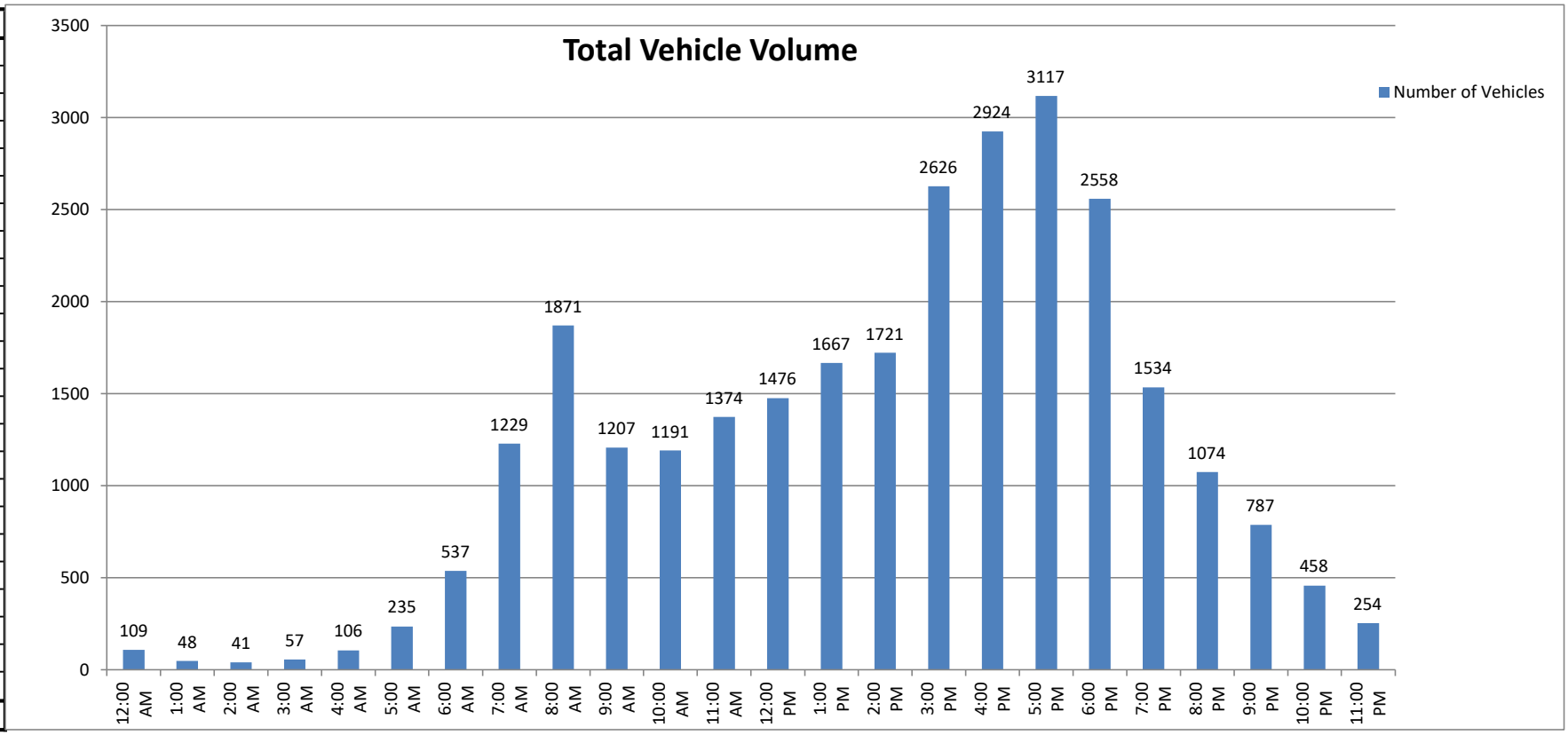
24 Hour Volume Plot

Irvine Boulevard

B/ Central Park Avenue - Culver Drive

5/2/2024

Start Time	5/2/2024
12:00 AM	109
1:00 AM	48
2:00 AM	41
3:00 AM	57
4:00 AM	106
5:00 AM	235
6:00 AM	537
7:00 AM	1229
8:00 AM	1871
9:00 AM	1207
10:00 AM	1191
11:00 AM	1374
12:00 PM	1476
1:00 PM	1667
2:00 PM	1721
3:00 PM	2626
4:00 PM	2924
5:00 PM	3117
6:00 PM	2558
7:00 PM	1534
8:00 PM	1074
9:00 PM	787
10:00 PM	458
11:00 PM	254
Total	28201



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Central Park Avenue - Culver Drive

File Name 199
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	184			12	198				
12:15	16	189			9	178				
12:30	15	204			15	193				
12:45	5	179	46	755	13	184	48	753	94	1507
1:00	6	182			9	178				
1:15	6	185			5	223				
1:30	7	205			6	216				
1:45	4	189	22	760	5	245	25	861	47	1621
2:00	4	169			5	228				
2:15	5	193			7	224				
2:30	7	215			6	224				
2:45	3	232	19	808	4	255	21	930	39	1738
3:00	3	293			4	284				
3:15	6	303			6	313				
3:30	10	363			7	314				
3:45	5	332	23	1290	10	335	26	1245	49	2535
4:00	10	357			7	365				
4:15	10	320			8	369				
4:30	17	361			19	351				
4:45	18	339	54	1376	16	323	50	1408	104	2784
5:00	21	391			16	397				
5:15	24	357			24	365				
5:30	42	372			31	393				
5:45	49	307	135	1426	40	344	111	1498	245	2924
6:00	59	334			41	345				
6:15	70	326			56	291				
6:30	79	291			75	258				
6:45	91	249	298	1199	84	235	255	1129	553	2328
7:00	105	177			86	222				
7:15	154	208			118	196				
7:30	190	160			174	194				
7:45	223	165	670	709	211	162	588	774	1258	1482
8:00	247	134			251	160				
8:15	241	127			263	141				
8:30	265	73			247	144				
8:45	187	127	939	461	211	124	972	568	1911	1029
9:00	173	95			152	108				
9:15	143	94			140	101				
9:30	153	87			168	100				
9:45	135	58	604	334	138	82	596	391	1200	724
10:00	146	52			151	62				
10:15	156	55			133	68				
10:30	142	41			143	56				
10:45	164	27	608	175	154	55	579	240	1187	414
11:00	158	33			158	33				
11:15	173	29			182	41				
11:30	156	25			190	30				
11:45	184	19	670	105	201	21	731	123	1401	228
Totals	4086	9394			3998	9916				
Combined Totals		13480				13914				
ADT										27394
AM Peak Hour	745	AM			800	AM				
Volume	975				972					
P.H.F.	0.921				0.923					
PM Peak Hour		445	PM			500	PM			
Volume		1457				1498				
P.H.F.		0.933				0.945				
Percentage	30.3%	69.7%			28.7%	71.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Culver Drive - Palo Lado

File Name 200
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	187			20	231				
12:15	10	176			16	210				
12:30	10	217			15	208				
12:45	12	184	47	764	15	226	66	875	113	1639
1:00	12	177			9	214				
1:15	3	234			10	232				
1:30	7	216			6	254				
1:45	6	283	28	910	10	221	35	921	63	1831
2:00	3	221			5	211				
2:15	7	252			9	221				
2:30	5	272			6	243				
2:45	4	296	19	1041	4	268	24	943	43	1984
3:00	10	367			3	234				
3:15	4	392			3	264				
3:30	6	368			11	273				
3:45	8	487	28	1614	6	260	23	1031	51	2645
4:00	12	443			7	239				
4:15	8	508			13	282				
4:30	8	473			25	308				
4:45	16	500	44	1924	26	301	71	1130	115	3054
5:00	15	475			21	332				
5:15	33	424			27	362				
5:30	32	471			64	327				
5:45	50	417	130	1787	68	327	180	1348	310	3135
6:00	45	347			84	342				
6:15	60	322			67	266				
6:30	70	270			103	305				
6:45	130	251	305	1190	112	312	366	1225	671	2415
7:00	130	212			129	265				
7:15	176	176			136	267				
7:30	292	210			198	234				
7:45	352	126	950	724	250	239	713	1005	1663	1729
8:00	339	161			242	204				
8:15	329	121			224	184				
8:30	318	138			256	194				
8:45	356	118	1342	538	192	175	914	757	2256	1295
9:00	254	94			165	155				
9:15	240	72			160	146				
9:30	214	65			187	148				
9:45	186	54	894	285	196	103	708	552	1602	837
10:00	187	52			159	63				
10:15	194	49			171	73				
10:30	172	36			185	74				
10:45	161	36	714	173	173	47	688	257	1402	430
11:00	187	20			167	59				
11:15	207	24			184	39				
11:30	209	22			182	33				
11:45	223	17	826	83	208	37	741	168	1567	251
Totals	5327	11033			4529	10212				
Combined Totals		16360				14741				
ADT										31101
AM Peak Hour	800	AM			745	AM				
Volume	1342				972					
P.H.F.	0.942				0.949					
PM Peak Hour		415	PM			515	PM			
Volume		1956				1358				
P.H.F.		0.963				0.938				
Percentage	32.6%	67.4%			30.7%	69.3%				

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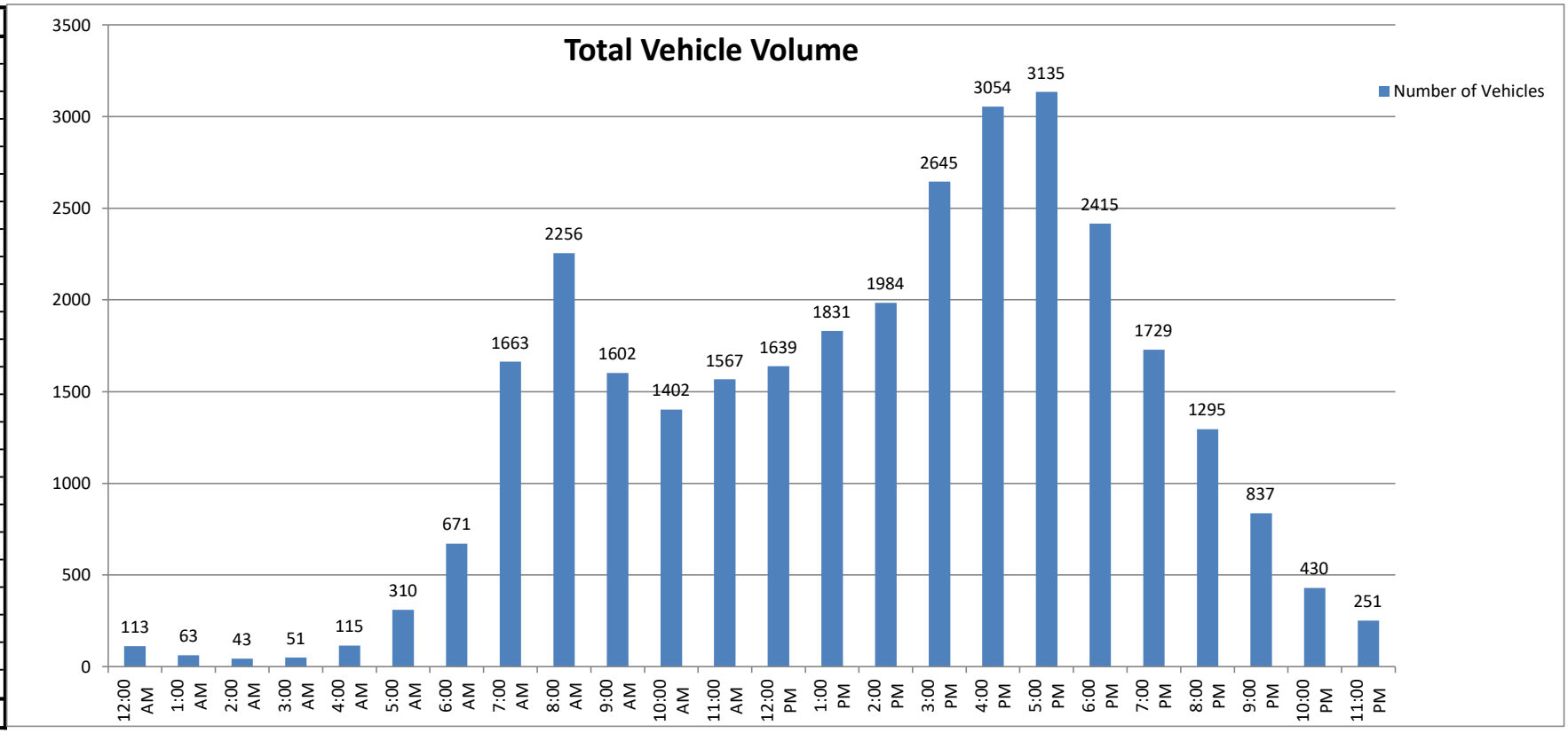
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Culver Drive - Palo Lado
5/1/2024

Start Time	5/1/2024
12:00 AM	113
1:00 AM	63
2:00 AM	43
3:00 AM	51
4:00 AM	115
5:00 AM	310
6:00 AM	671
7:00 AM	1663
8:00 AM	2256
9:00 AM	1602
10:00 AM	1402
11:00 AM	1567
12:00 PM	1639
1:00 PM	1831
2:00 PM	1984
3:00 PM	2645
4:00 PM	3054
5:00 PM	3135
6:00 PM	2415
7:00 PM	1729
8:00 PM	1295
9:00 PM	837
10:00 PM	430
11:00 PM	251
Total	31101



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Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Culver Drive - Palo Lado

File Name 200
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	197			16	218				
12:15	12	191			13	222				
12:30	18	210			23	204				
12:45	6	198	47	796	14	213	66	857	113	1653
1:00	6	182			17	228				
1:15	7	214			14	230				
1:30	5	208			10	258				
1:45	6	225	24	829	8	239	49	955	73	1784
2:00	2	213			11	218				
2:15	7	239			8	213				
2:30	5	288			8	265				
2:45	7	329	21	1069	4	257	31	953	52	2022
3:00	4	387			6	227				
3:15	6	410			5	203				
3:30	12	436			12	260				
3:45	8	520	30	1753	12	278	35	968	65	2721
4:00	16	484			9	289				
4:15	17	547			9	295				
4:30	12	493			19	275				
4:45	14	517	59	2041	31	299	68	1158	127	3199
5:00	17	528			18	352				
5:15	28	532			30	357				
5:30	29	461			53	330				
5:45	42	451	116	1972	65	339	166	1378	282	3350
6:00	57	461			60	326				
6:15	63	475			87	304				
6:30	88	298			100	318				
6:45	104	276	312	1510	90	280	337	1228	649	2738
7:00	133	233			118	274				
7:15	195	199			145	232				
7:30	247	179			202	253				
7:45	290	149	865	760	218	274	683	1033	1548	1793
8:00	319	141			243	199				
8:15	362	128			240	195				
8:30	337	116			271	157				
8:45	265	119	1283	504	202	161	956	712	2239	1216
9:00	252	91			205	166				
9:15	221	69			173	152				
9:30	177	73			176	121				
9:45	179	51	829	284	189	140	743	579	1572	863
10:00	168	68			168	103				
10:15	175	46			149	85				
10:30	171	47			155	66				
10:45	210	32	724	193	186	54	658	308	1382	501
11:00	181	31			177	37				
11:15	187	23			161	42				
11:30	200	27			217	34				
11:45	168	14	736	95	206	18	761	131	1497	226
Totals	5046	11806			4553	10260				
Combined Totals		16852				14813				
ADT										31665
AM Peak Hour	745	AM			745	AM				
Volume	1308				972					
P.H.F.	0.903				0.897					
PM Peak Hour		415	PM			500	PM			
Volume		2085				1378				
P.H.F.		0.953				0.965				
Percentage	29.9%	70.1%			30.7%	69.3%				

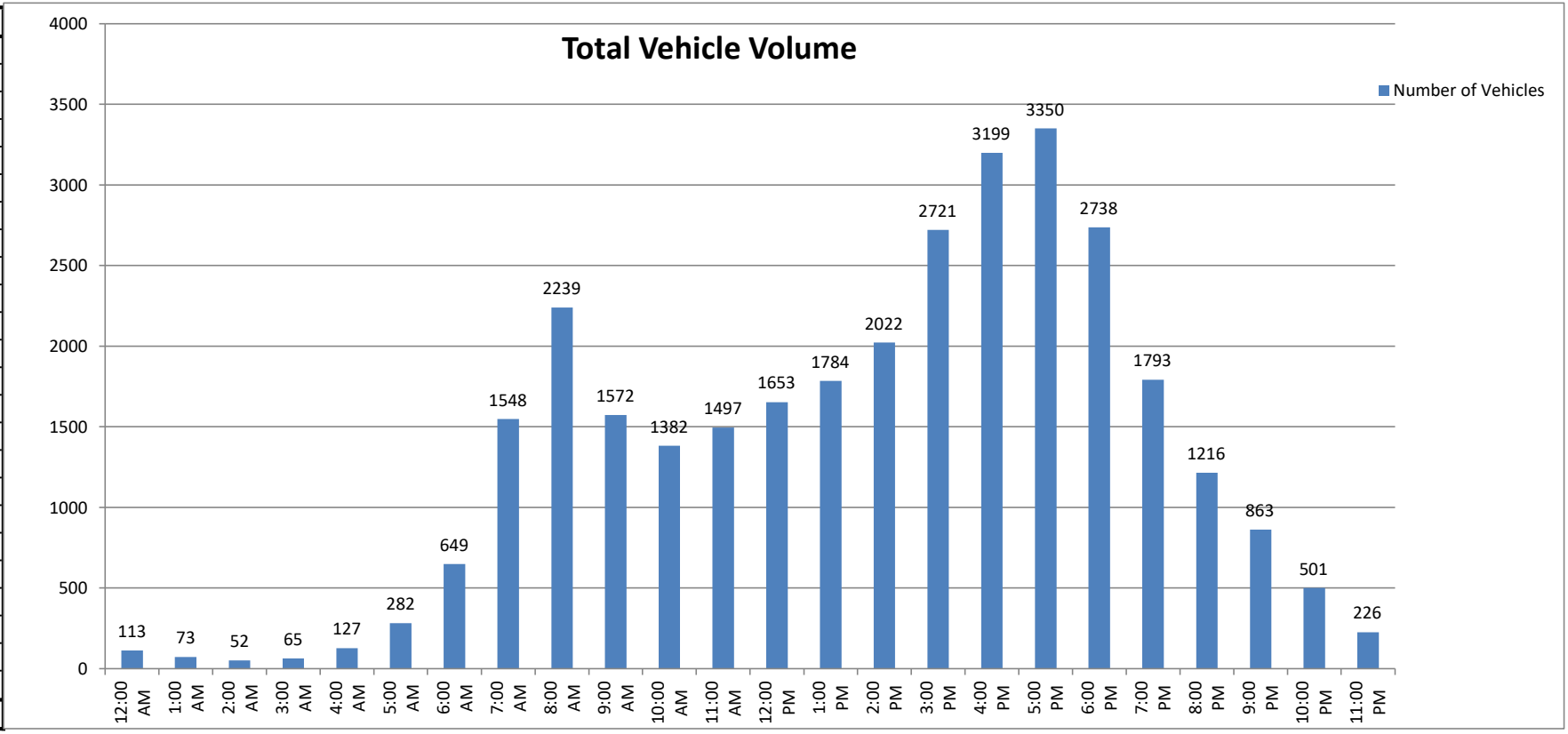
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Culver Drive - Palo Lado
5/2/2024

Start Time	5/2/2024
12:00 AM	113
1:00 AM	73
2:00 AM	52
3:00 AM	65
4:00 AM	127
5:00 AM	282
6:00 AM	649
7:00 AM	1548
8:00 AM	2239
9:00 AM	1572
10:00 AM	1382
11:00 AM	1497
12:00 PM	1653
1:00 PM	1784
2:00 PM	2022
3:00 PM	2721
4:00 PM	3199
5:00 PM	3350
6:00 PM	2738
7:00 PM	1793
8:00 PM	1216
9:00 PM	863
10:00 PM	501
11:00 PM	226
Total	31665



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Culver Drive - Palo Lado

File Name 200
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	192			18	225				
12:15	11	184			15	216				
12:30	14	214			19	206				
12:45	9	191	47	780	15	220	66	866	113	1646
1:00	9	180			13	221				
1:15	5	224			12	231				
1:30	6	212			8	256				
1:45	6	254	26	870	9	230	42	938	68	1808
2:00	3	217			8	215				
2:15	7	246			9	217				
2:30	5	280			7	254				
2:45	6	313	20	1055	4	263	28	948	48	2003
3:00	7	377			5	231				
3:15	5	401			4	234				
3:30	9	402			12	267				
3:45	8	504	29	1684	9	269	29	1000	58	2683
4:00	14	464			8	264				
4:15	13	528			11	289				
4:30	10	483			22	292				
4:45	15	509	52	1983	29	300	70	1144	121	3127
5:00	16	502			20	342				
5:15	31	478			29	360				
5:30	31	466			59	329				
5:45	46	434	123	1880	67	333	173	1363	296	3243
6:00	51	404			72	334				
6:15	62	399			77	285				
6:30	79	284			102	312				
6:45	117	264	309	1350	101	296	352	1227	660	2577
7:00	132	223			124	270				
7:15	186	188			141	250				
7:30	270	195			200	244				
7:45	321	138	908	742	234	257	698	1019	1606	1761
8:00	329	151			243	202				
8:15	346	125			232	190				
8:30	328	127			264	176				
8:45	311	119	1313	521	197	168	935	735	2248	1256
9:00	253	93			185	161				
9:15	231	71			167	149				
9:30	196	69			182	135				
9:45	183	53	862	285	193	122	726	566	1587	850
10:00	178	60			164	83				
10:15	185	48			160	79				
10:30	172	42			170	70				
10:45	186	34	719	183	180	51	673	283	1392	466
11:00	184	26			172	48				
11:15	197	24			173	41				
11:30	205	25			200	34				
11:45	196	16	781	89	207	28	751	150	1532	239
Totals	5187	11420			4541	10236				
Combined Totals		16606				14777				
ADT										31383
AM Peak Hour	745 AM				745 AM					
Volume	1323				972					
P.H.F.	0.957				0.922					
PM Peak Hour		415 PM				500 PM				
Volume		2021				1363				
P.H.F.		0.958				0.948				
Percentage	31.2%	68.8%			30.7%	69.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
E/ Chinon
24 Hour Directional Volume Count

IRV054
Site Code: 051-24139

Start Time	5/14/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	168			18	157				
12:15		11	157			11	189				
12:30		11	200			12	166				
12:45		16	182	46	707	12	160	53	672	99	1379
01:00		9	183			7	177				
01:15		11	156			12	152				
01:30		3	165			8	194				
01:45		6	197	29	701	5	186	32	709	61	1410
02:00		6	216			10	214				
02:15		3	212			4	327				
02:30		7	244			4	340				
02:45		13	217	29	889	3	295	21	1176	50	2065
03:00		10	**222**			2	295				
03:15		8	**228**			4	305				
03:30		16	**256**			7	348				
03:45		19	**234**	53	940	3	389	16	1337	69	2277
04:00		16	193			9	366				
04:15		21	179			4	367				
04:30		40	216			11	**432**				
04:45		47	193	124	781	12	**405**	36	1570	160	2351
05:00		28	249			13	**399**				
05:15		39	238			16	**393**				
05:30		81	209			29	423				
05:45		131	212	279	908	27	354	85	1569	364	2477
06:00		108	237			52	296				
06:15		135	241			52	260				
06:30		135	190			69	281				
06:45		194	180	572	848	95	209	268	1046	840	1894
07:00		176	167			103	191				
07:15		230	169			153	157				
07:30		291	149			**198**	190				
07:45		**371**	159	1068	644	**189**	168	643	706	1711	1350
08:00		**323**	137			**207**	174				
08:15		**423**	118			**163**	130				
08:30		**458**	116			164	132				
08:45		307	91	1511	462	200	128	734	564	2245	1026
09:00		282	95			134	101				
09:15		246	84			139	125				
09:30		250	70			141	109				
09:45		247	81	1025	330	146	91	560	426	1585	756
10:00		199	63			157	76				
10:15		179	45			134	60				
10:30		200	50			138	55				
10:45		162	34	740	192	147	31	576	222	1316	414
11:00		166	29			149	38				
11:15		174	23			157	32				
11:30		175	22			178	31				
11:45		176	15	691	89	193	13	677	114	1368	203
Total		6167	7491	6167	7491	3701	10111	3701	10111	9868	17602
Combined Total		13658		13658		13812		13812		27470	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1575	-	-	-	757	-	-	-	-	-
P.H.F.		0.860				0.914					
PM Peak	-	-	03:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	940	-	-	-	1629	-	-	-	-
P.H.F.			0.918				0.943				
Percentage		45.2%	54.8%			26.8%	73.2%				
ADT/AADT		ADT 27,470		AADT 27,470							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
E/ Merit
24 Hour Directional Volume Count

IRV055
Site Code: 051-24139

Start Time	5/14/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	187			21	167				
12:15		11	204			10	173				
12:30		10	176			15	211				
12:45		13	168	45	735	11	180	57	731	102	1466
01:00		9	186			10	169				
01:15		9	168			14	149				
01:30		4	179			8	205				
01:45		10	186	32	719	5	197	37	720	69	1439
02:00		7	200			10	221				
02:15		3	235			5	228				
02:30		8	**250**			5	292				
02:45		13	**235**	31	920	3	331	23	1072	54	1992
03:00		9	**232**			1	299				
03:15		7	**237**			4	337				
03:30		16	204			7	356				
03:45		18	235	50	908	4	334	16	1326	66	2234
04:00		16	204			8	379				
04:15		22	209			6	344				
04:30		41	213			9	**476**				
04:45		48	215	127	841	11	**426**	34	1625	161	2466
05:00		35	254			15	**396**				
05:15		42	243			16	**429**				
05:30		80	213			35	453				
05:45		135	209	292	919	28	375	94	1653	386	2572
06:00		116	257			58	304				
06:15		126	231			57	281				
06:30		138	204			74	298				
06:45		202	190	582	882	107	216	296	1099	878	1981
07:00		176	174			105	207				
07:15		210	156			174	178				
07:30		288	174			**208**	198				
07:45		**396**	154	1070	658	**221**	179	708	762	1778	1420
08:00		**340**	146			**219**	202				
08:15		**317**	129			**177**	138				
08:30		**380**	126			178	147				
08:45		315	85	1352	486	186	134	760	621	2112	1107
09:00		307	100			140	106				
09:15		259	71			131	127				
09:30		248	78			150	109				
09:45		230	80	1044	329	128	83	549	425	1593	754
10:00		176	62			150	92				
10:15		191	48			113	69				
10:30		182	44			133	59				
10:45		153	34	702	188	145	36	541	256	1243	444
11:00		171	29			159	43				
11:15		170	21			165	31				
11:30		172	28			171	35				
11:45		166	15	679	93	185	14	680	123	1359	216
Total		6006	7678	6006	7678	3795	10413	3795	10413	9801	18091
Combined Total		13684		13684		14208		14208		27892	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1433	-	-	-	825	-	-	-	-	-
P.H.F.		0.905				0.933					
PM Peak	-	-	02:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	954	-	-	-	1727	-	-	-	-
P.H.F.			0.954				0.907				
Percentage		43.9%	56.1%			26.7%	73.3%				
ADT/AADT		ADT 27,892		AADT 27,892							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
E/ Pusan Way
24 Hour Directional Volume Count

IRV053
Site Code: 051-24139

Start	5/14/2024	Lane 1		Hour Totals		Lane 2		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	206			19	150				
12:15		11	187			13	217				
12:30		8	206			12	155				
12:45		16	234	43	833	9	165	53	687	96	1520
01:00		8	217			7	166				
01:15		7	184			8	153				
01:30		4	194			9	190				
01:45		6	227	25	822	3	183	27	692	52	1514
02:00		4	260			9	210				
02:15		2	234			6	425				
02:30		9	251			5	337				
02:45		17	235	32	980	3	301	23	1273	55	2253
03:00		5	**266**			2	313				
03:15		9	**265**			4	300				
03:30		14	**317**			7	344				
03:45		21	**301**	49	1149	3	**470**	16	1427	65	2576
04:00		17	249			9	**381**				
04:15		20	198			4	**362**				
04:30		42	249			11	**409**				
04:45		53	210	132	906	9	382	33	1534	165	2440
05:00		31	270			16	389				
05:15		46	263			14	356				
05:30		85	238			28	413				
05:45		143	241	305	1012	26	322	84	1480	389	2492
06:00		124	255			44	305				
06:15		153	271			53	245				
06:30		143	214			66	273				
06:45		232	182	652	922	90	199	253	1022	905	1944
07:00		196	155			111	163				
07:15		263	176			161	164				
07:30		301	143			213	184				
07:45		**430**	161	1190	635	205	160	690	671	1880	1306
08:00		**390**	136			**240**	160				
08:15		**504**	122			**247**	136				
08:30		**536**	110			**234**	133				
08:45		350	98	1780	466	**256**	126	977	555	2757	1021
09:00		284	94			140	95				
09:15		267	78			135	124				
09:30		282	72			142	106				
09:45		296	80	1129	324	168	95	585	420	1714	744
10:00		237	59			164	69				
10:15		216	46			148	62				
10:30		235	54			130	49				
10:45		205	33	893	192	149	31	591	211	1484	403
11:00		184	27			158	42				
11:15		205	19			160	31				
11:30		201	22			165	31				
11:45		228	13	818	81	193	11	676	115	1494	196
Total		7048	8322	7048	8322	4008	10087	4008	10087	11056	18409
Combined Total		15370		15370		14095		14095		29465	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	1860	-	-	-	977	-	-	-	-	-
P.H.F.		0.868				0.954					
PM Peak	-	-	03:00	-	-	-	03:45	-	-	-	-
Vol.	-	-	1149	-	-	-	1622	-	-	-	-
P.H.F.			0.906				0.863				
Percentage		45.9%	54.1%			28.4%	71.6%				
ADT/AADT		ADT 29,465		AADT 29,465							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
E/ Sand Canyon Avenue
24 Hour Directional Volume Count

IRV051
Site Code: 051-24139

Start Time	2/8/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		30	231			23	247				
12:15		17	274			14	303				
12:30		19	276			16	243				
12:45		18	293	84	1074	13	259	66	1052	150	2126
01:00		14	257			18	236				
01:15		9	281			9	290				
01:30		7	277			14	250				
01:45		14	312	44	1127	5	283	46	1059	90	2186
02:00		13	344			10	287				
02:15		15	318			6	357				
02:30		9	271			12	498				
02:45		16	381	53	1314	12	427	40	1569	93	2883
03:00		6	413			7	399				
03:15		5	403			3	429				
03:30		10	360			7	429				
03:45		12	363	33	1539	12	471	29	1728	62	3267
04:00		11	359			8	432				
04:15		20	414			18	483				
04:30		39	395			14	421				
04:45		31	**388**	101	1556	27	**462**	67	1798	168	3354
05:00		24	**409**			32	**459**				
05:15		33	**429**			44	**505**				
05:30		72	**454**			59	**524**				
05:45		81	381	210	1673	65	395	200	1883	410	3556
06:00		95	399			90	339				
06:15		124	363			93	409				
06:30		132	324			119	317				
06:45		187	304	538	1390	166	320	468	1385	1006	2775
07:00		202	272			236	255				
07:15		233	282			317	208				
07:30		382	232			388	240				
07:45		**397**	186	1214	972	**406**	167	1347	870	2561	1842
08:00		**503**	203			**403**	135				
08:15		**347**	194			**388**	152				
08:30		**386**	205			**468**	155				
08:45		331	184	1567	786	309	132	1568	574	3135	1360
09:00		284	176			300	115				
09:15		261	166			263	126				
09:30		249	154			259	105				
09:45		247	105	1041	601	268	90	1090	436	2131	1037
10:00		237	119			262	76				
10:15		212	92			260	59				
10:30		229	71			248	47				
10:45		246	67	924	349	256	36	1026	218	1950	567
11:00		233	55			256	32				
11:15		242	51			230	42				
11:30		251	48			253	28				
11:45		264	31	990	185	260	17	999	119	1989	304
Total		6799	12566	6799	12566	6946	12691	6946	12691	13745	25257
Combined Total		19365		19365		19637		19637		39002	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1633	-	-	-	1665	-	-	-	-	-
P.H.F.		0.812				0.889					
PM Peak	-	-	04:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	1680	-	-	-	1950	-	-	-	-
P.H.F.			0.925				0.930				
Percentage		35.1%	64.9%			35.4%	64.6%				
ADT/AADT		ADT 39,002		AADT 39,002							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Jamboree Road - Old Myford Road

File Name 194
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	212			8	175				
12:15	19	197			7	147				
12:30	13	210			9	190				
12:45	5	211	55	830	8	188	32	700	87	1530
1:00	14	181			9	191				
1:15	10	244			2	198				
1:30	11	217			6	236				
1:45	5	217	40	859	4	256	21	881	61	1740
2:00	5	185			8	223				
2:15	3	227			11	261				
2:30	6	210			2	225				
2:45	2	183	16	805	3	329	24	1038	40	1843
3:00	2	233			5	355				
3:15	6	224			4	436				
3:30	15	246			6	324				
3:45	4	190	27	893	6	445	21	1560	48	2453
4:00	5	214			8	398				
4:15	13	237			3	464				
4:30	22	221			14	423				
4:45	22	239	62	911	17	407	42	1692	104	2603
5:00	16	234			14	378				
5:15	30	294			30	420				
5:30	54	261			41	392				
5:45	65	290	165	1079	64	366	149	1556	314	2635
6:00	84	253			45	323				
6:15	77	242			60	332				
6:30	81	234			71	214				
6:45	78	281	320	1010	112	225	288	1094	608	2104
7:00	137	211			125	163				
7:15	163	214			180	199				
7:30	174	174			205	152				
7:45	238	178	712	777	303	139	813	653	1525	1430
8:00	258	145			339	123				
8:15	293	194			330	136				
8:30	174	144			298	131				
8:45	157	129	882	612	294	87	1261	477	2143	1089
9:00	145	120			167	86				
9:15	139	105			165	75				
9:30	130	100			158	65				
9:45	111	71	525	396	156	55	646	281	1171	677
10:00	135	61			139	52				
10:15	122	73			165	45				
10:30	143	54			137	45				
10:45	155	54	555	242	148	37	589	179	1144	421
11:00	152	47			149	29				
11:15	141	36			177	31				
11:30	160	31			192	20				
11:45	173	22	626	136	202	17	720	97	1346	233
Totals	3985	8550			4606	10208				
Combined Totals		12535				14814				
ADT										27349
AM Peak Hour	730	AM			745	AM				
Volume	963				1270					
P.H.F.	0.822				0.937					
PM Peak Hour		515	PM			345	PM			
Volume		1098				1730				
P.H.F.		0.934				0.932				
Percentage	31.8%	68.2%			31.1%	68.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

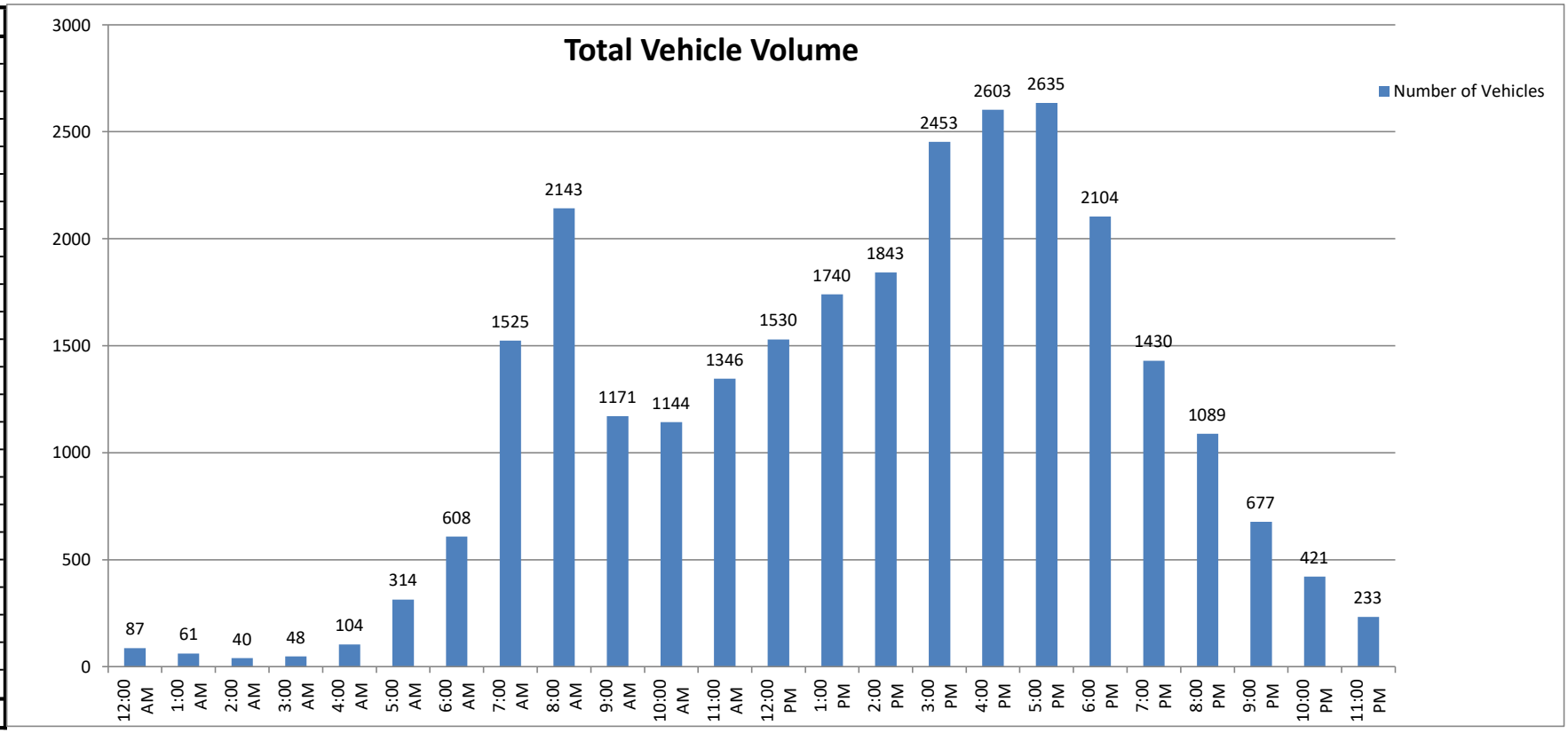
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Jamboree Road - Old Myford Road

5/1/2024

Start Time	5/1/2024
12:00 AM	87
1:00 AM	61
2:00 AM	40
3:00 AM	48
4:00 AM	104
5:00 AM	314
6:00 AM	608
7:00 AM	1525
8:00 AM	2143
9:00 AM	1171
10:00 AM	1144
11:00 AM	1346
12:00 PM	1530
1:00 PM	1740
2:00 PM	1843
3:00 PM	2453
4:00 PM	2603
5:00 PM	2635
6:00 PM	2104
7:00 PM	1430
8:00 PM	1089
9:00 PM	677
10:00 PM	421
11:00 PM	233
Total	27349



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Irvine Boulevard
B/ Jamboree Road - Old Myford Road

File Name 194
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	200			13	147				
12:15	19	167			17	212				
12:30	20	167			8	179				
12:45	10	196	74	730	4	197	42	735	116	1465
1:00	11	204			5	190				
1:15	10	220			4	194				
1:30	7	210			6	193				
1:45	8	232	36	866	4	206	19	783	55	1649
2:00	9	194			1	181				
2:15	7	177			8	210				
2:30	8	194			5	239				
2:45	3	231	27	796	5	315	19	945	46	1741
3:00	5	237			5	334				
3:15	6	220			8	443				
3:30	12	225			9	373				
3:45	13	260	36	942	7	482	29	1632	65	2574
4:00	10	231			8	465				
4:15	13	237			4	438				
4:30	24	229			14	479				
4:45	23	219	70	916	15	462	41	1844	111	2760
5:00	23	242			13	444				
5:15	29	265			31	463				
5:30	47	227			37	440				
5:45	62	296	161	1030	49	437	130	1784	291	2814
6:00	64	234			33	363				
6:15	71	257			65	459				
6:30	91	228			83	332				
6:45	71	215	297	934	97	276	278	1430	575	2364
7:00	133	223			93	229				
7:15	169	204			214	187				
7:30	150	188			221	180				
7:45	219	217	671	832	294	164	822	760	1493	1592
8:00	237	165			330	118				
8:15	284	174			297	89				
8:30	208	130			333	101				
8:45	164	134	893	603	284	101	1244	409	2137	1012
9:00	120	121			201	85				
9:15	106	121			206	71				
9:30	113	113			185	69				
9:45	137	88	476	443	191	47	783	272	1259	715
10:00	126	81			175	54				
10:15	93	61			175	44				
10:30	128	44			151	39				
10:45	122	62	469	248	161	25	662	162	1131	410
11:00	127	46			177	31				
11:15	160	36			195	26				
11:30	176	24			157	23				
11:45	183	27	646	133	184	19	713	99	1359	232
Totals	3856	8473			4782	10855				
Combined Totals		12329				15637				
ADT										27966
AM Peak Hour	745	AM			745	AM				
Volume	948				1254					
P.H.F.	0.835				0.941					
PM Peak Hour		500	PM			345	PM			
Volume		1030				1864				
P.H.F.		0.870				0.967				
Percentage	31.3%	68.7%			30.6%	69.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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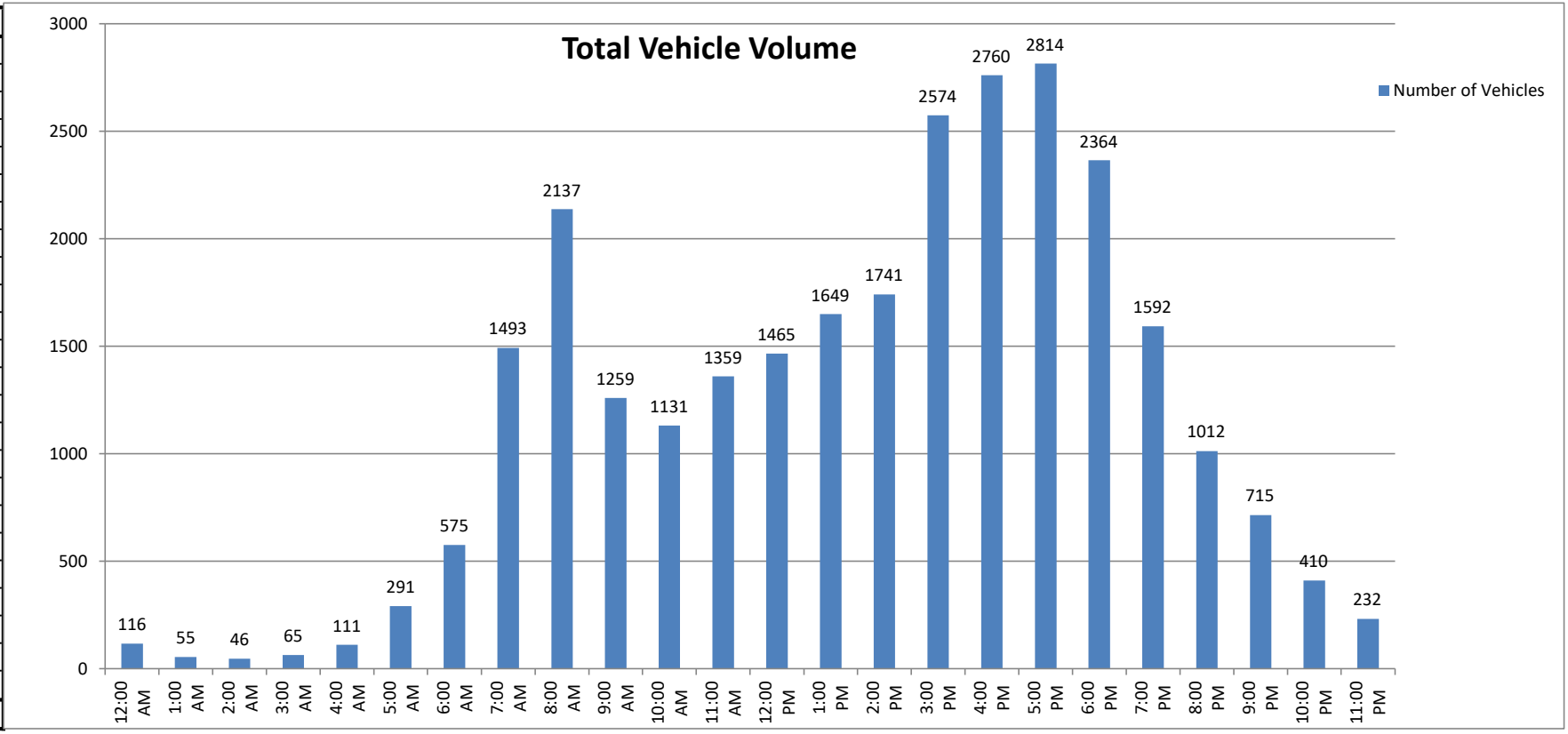
24 Hour Volume Plot

Irvine Boulevard
B/ Jamboree Road - Old Myford Road
5/2/2024

Start Time	5/2/2024
12:00 AM	116
1:00 AM	55
2:00 AM	46
3:00 AM	65
4:00 AM	111
5:00 AM	291
6:00 AM	575
7:00 AM	1493
8:00 AM	2137
9:00 AM	1259
10:00 AM	1131
11:00 AM	1359
12:00 PM	1465
1:00 PM	1649
2:00 PM	1741
3:00 PM	2574
4:00 PM	2760
5:00 PM	2814
6:00 PM	2364
7:00 PM	1592
8:00 PM	1012
9:00 PM	715
10:00 PM	410
11:00 PM	232
Total	27966



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Jamboree Road - Old Myford Road

File Name 194
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	206			11	161				
12:15	19	182			12	180				
12:30	17	189			9	185				
12:45	8	204	65	780	6	193	37	718	102	1498
1:00	13	193			7	191				
1:15	10	232			3	196				
1:30	9	214			6	215				
1:45	7	225	38	863	4	231	20	832	58	1695
2:00	7	190			5	202				
2:15	5	202			10	236				
2:30	7	202			4	232				
2:45	3	207	22	801	4	322	22	992	43	1792
3:00	4	235			5	345				
3:15	6	222			6	440				
3:30	14	236			8	349				
3:45	9	225	32	918	7	464	25	1596	57	2514
4:00	8	223			8	432				
4:15	13	237			4	451				
4:30	23	225			14	451				
4:45	23	229	66	914	16	435	42	1768	108	2682
5:00	20	238			14	411				
5:15	30	280			31	442				
5:30	51	244			39	416				
5:45	64	293	163	1055	57	402	140	1670	303	2725
6:00	74	244			39	343				
6:15	74	250			63	396				
6:30	86	231			77	273				
6:45	75	248	309	972	105	251	283	1262	592	2234
7:00	135	217			109	196				
7:15	166	209			197	193				
7:30	162	181			213	166				
7:45	229	198	692	805	299	152	818	707	1509	1511
8:00	248	155			335	121				
8:15	289	184			314	113				
8:30	191	137			316	116				
8:45	161	132	888	608	289	94	1253	443	2140	1051
9:00	133	121			184	86				
9:15	123	113			186	73				
9:30	122	107			172	67				
9:45	124	80	501	420	174	51	715	277	1215	696
10:00	131	71			157	53				
10:15	108	67			170	45				
10:30	136	49			144	42				
10:45	139	58	512	245	155	31	626	171	1138	416
11:00	140	47			163	30				
11:15	151	36			186	29				
11:30	168	28			175	22				
11:45	178	25	636	135	193	18	717	98	1353	233
Totals	3921	8512			4694	10532				
Combined Totals		12432				15226				
ADT										27658
AM Peak Hour	745	AM			745	AM				
Volume	956				1262					
P.H.F.	0.828				0.943					
PM Peak Hour		515	PM			345	PM			
Volume		1060				1797				
P.H.F.		0.904				0.969				
Percentage	31.5%	68.5%			30.8%	69.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ Jeffrey Road - Sand Canyon Avenue

File Name 205
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	227			16	191				
12:15	23	216			20	229				
12:30	21	237			12	205				
12:45	11	222	87	902	7	236	55	861	142	1763
1:00	5	197			8	234				
1:15	11	224			10	225				
1:30	3	277			9	254				
1:45	6	242	25	940	9	283	36	996	61	1936
2:00	11	245			3	226				
2:15	9	195			9	267				
2:30	9	210			7	283				
2:45	8	266	37	916	5	309	24	1085	61	2001
3:00	9	279			2	314				
3:15	2	277			7	386				
3:30	10	304			3	360				
3:45	14	253	35	1113	5	431	17	1491	52	2604
4:00	10	315			6	435				
4:15	17	289			7	436				
4:30	30	305			10	428				
4:45	42	326	99	1235	19	381	42	1680	141	2915
5:00	24	363			20	388				
5:15	31	354			22	412				
5:30	42	420			44	411				
5:45	70	350	167	1487	39	361	125	1572	292	3059
6:00	63	355			53	295				
6:15	84	340			49	281				
6:30	100	334			73	300				
6:45	103	328	350	1357	102	275	277	1151	627	2508
7:00	118	298			124	213				
7:15	149	241			190	188				
7:30	194	200			339	171				
7:45	233	198	694	937	399	173	1052	745	1746	1682
8:00	231	203			341	174				
8:15	251	222			304	136				
8:30	244	184			336	135				
8:45	212	195	938	804	315	108	1296	553	2234	1357
9:00	216	160			231	98				
9:15	186	133			206	109				
9:30	180	130			223	96				
9:45	173	104	755	527	201	80	861	383	1616	910
10:00	134	106			186	71				
10:15	164	91			184	64				
10:30	168	67			203	45				
10:45	142	60	608	324	195	37	768	217	1376	541
11:00	183	36			183	47				
11:15	198	48			207	37				
11:30	191	21			188	28				
11:45	198	23	770	128	195	15	773	127	1543	255
Totals	4565	10670			5326	10861				
Combined Totals		15235				16187				
ADT										31422
AM Peak Hour	745	AM			730	AM				
Volume	959				1383					
P.H.F.	0.955				0.867					
PM Peak Hour		500	PM			345	PM			
Volume		1487				1730				
P.H.F.		0.885				0.992				
Percentage	30.0%	70.0%			32.9%	67.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

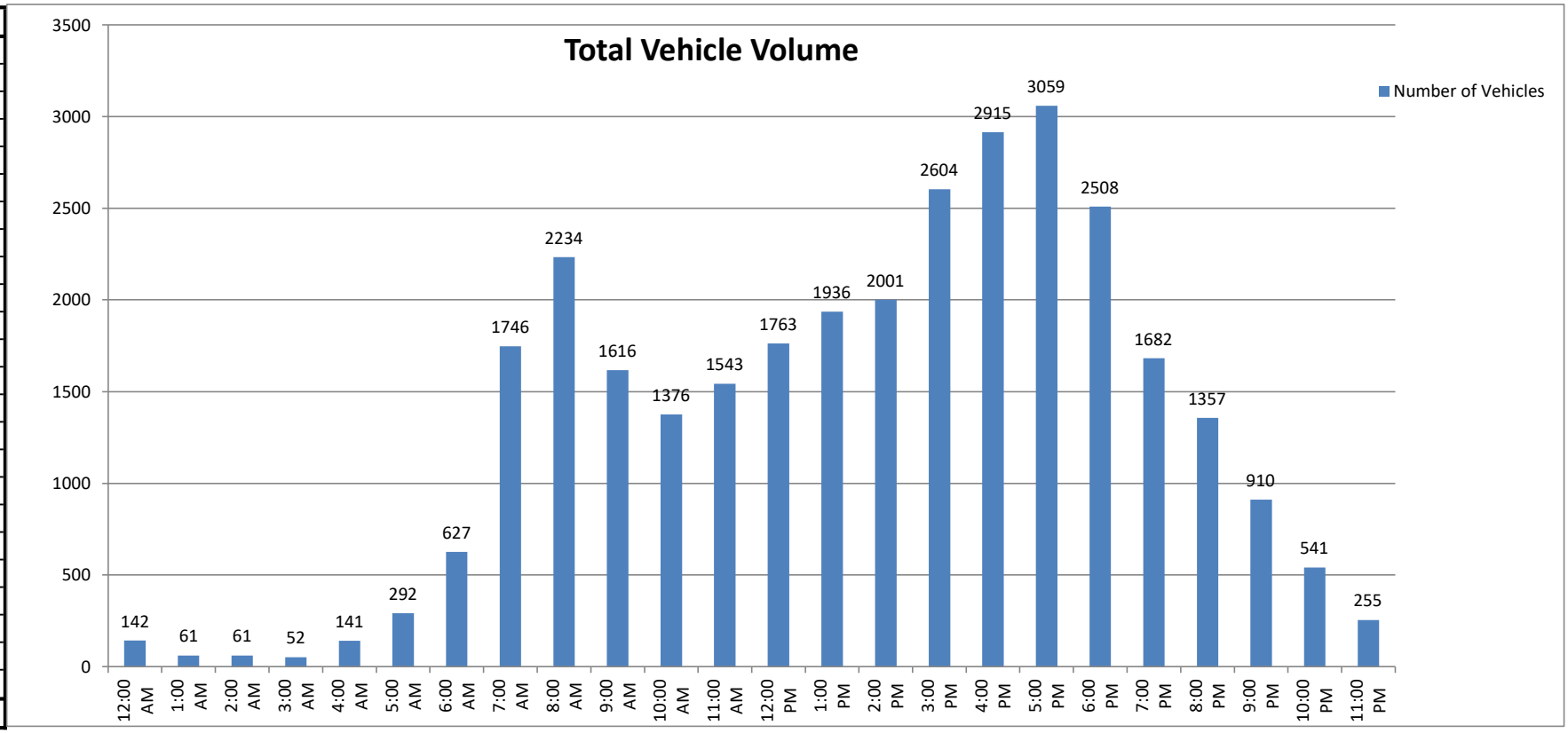
24 Hour Volume Plot

Irvine Boulevard

B/ Jeffrey Road - Sand Canyon Avenue

3/13/2024

Start Time	3/13/2024
12:00 AM	142
1:00 AM	61
2:00 AM	61
3:00 AM	52
4:00 AM	141
5:00 AM	292
6:00 AM	627
7:00 AM	1746
8:00 AM	2234
9:00 AM	1616
10:00 AM	1376
11:00 AM	1543
12:00 PM	1763
1:00 PM	1936
2:00 PM	2001
3:00 PM	2604
4:00 PM	2915
5:00 PM	3059
6:00 PM	2508
7:00 PM	1682
8:00 PM	1357
9:00 PM	910
10:00 PM	541
11:00 PM	255
Total	31422



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ Jeffrey Road - Sand Canyon Avenue

File Name 205
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	186			22	197				
12:15	35	196			21	180				
12:30	32	190			21	191				
12:45	28	194	118	766	11	200	75	768	193	1534
1:00	23	200			13	194				
1:15	21	228			6	218				
1:30	20	207			8	219				
1:45	11	207	75	842	5	267	32	898	107	1740
2:00	10	237			4	229				
2:15	15	212			5	248				
2:30	7	249			9	333				
2:45	10	315	42	1013	2	365	20	1175	62	2188
3:00	3	318			4	366				
3:15	10	281			9	333				
3:30	15	279			4	411				
3:45	26	290	54	1168	8	384	25	1494	79	2662
4:00	10	265			8	360				
4:15	18	309			7	417				
4:30	31	311			6	385				
4:45	94	308	153	1193	16	356	37	1518	190	2711
5:00	104	287			15	408				
5:15	100	351			28	389				
5:30	74	365			27	418				
5:45	67	369	345	1372	35	382	105	1597	450	2969
6:00	66	348			50	289				
6:15	100	330			44	286				
6:30	88	349			74	277				
6:45	117	318	371	1345	101	259	269	1111	640	2456
7:00	105	295			143	187				
7:15	144	265			201	184				
7:30	182	248			296	194				
7:45	205	222	636	1030	362	173	1002	738	1638	1768
8:00	204	212			436	150				
8:15	275	169			341	144				
8:30	319	156			350	131				
8:45	218	182	1016	719	261	112	1388	537	2404	1256
9:00	234	158			231	103				
9:15	161	152			209	97				
9:30	170	125			205	87				
9:45	179	102	744	537	195	68	840	355	1584	892
10:00	205	124			191	79				
10:15	140	92			186	79				
10:30	160	87			206	60				
10:45	172	64	677	367	177	52	760	270	1437	637
11:00	180	50			181	57				
11:15	168	66			208	50				
11:30	161	35			178	48				
11:45	199	19	708	170	174	50	741	205	1449	375
Totals	4939	10522			5294	10666				
Combined Totals		15461				15960				
ADT										31421
AM Peak Hour	815	AM			745	AM				
Volume	1046				1489					
P.H.F.	0.820				0.854					
PM Peak Hour		515	PM			500	PM			
Volume		1433				1597				
P.H.F.		0.971				0.955				
Percentage	31.9%	68.1%			33.2%	66.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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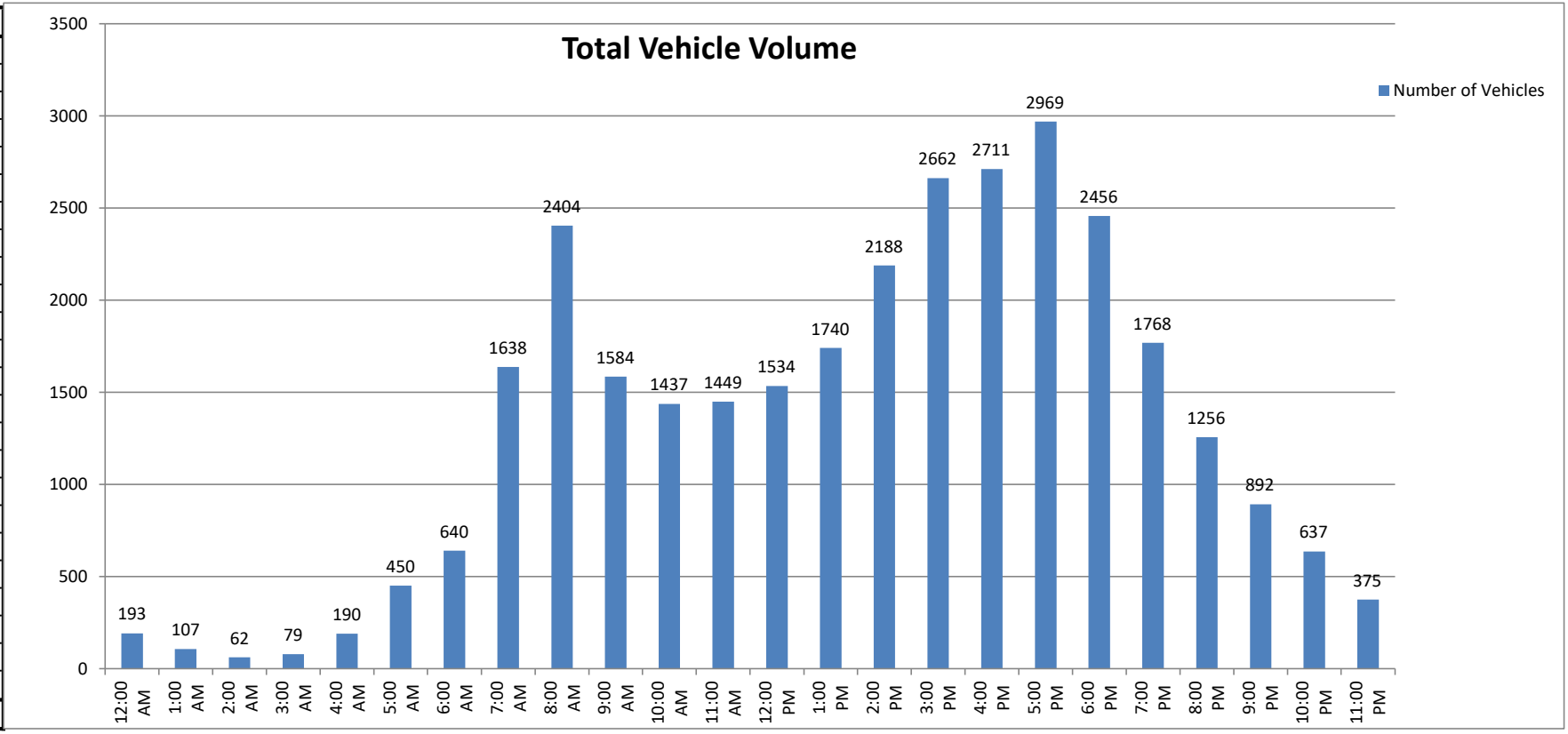
24 Hour Volume Plot

Irvine Boulevard

B/ Jeffrey Road - Sand Canyon Avenue

3/14/2024

Start Time	3/14/2024
12:00 AM	193
1:00 AM	107
2:00 AM	62
3:00 AM	79
4:00 AM	190
5:00 AM	450
6:00 AM	640
7:00 AM	1638
8:00 AM	2404
9:00 AM	1584
10:00 AM	1437
11:00 AM	1449
12:00 PM	1534
1:00 PM	1740
2:00 PM	2188
3:00 PM	2662
4:00 PM	2711
5:00 PM	2969
6:00 PM	2456
7:00 PM	1768
8:00 PM	1256
9:00 PM	892
10:00 PM	637
11:00 PM	375
Total	31421



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Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ Jeffrey Road - Sand Canyon Avenue

File Name 205
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	207			19	194				
12:15	29	206			21	205				
12:30	27	214			17	198				
12:45	20	208	103	834	9	218	65	815	168	1649
1:00	14	199			11	214				
1:15	16	226			8	222				
1:30	12	242			9	237				
1:45	9	225	50	891	7	275	34	947	84	1838
2:00	11	241			4	228				
2:15	12	204			7	258				
2:30	8	230			8	308				
2:45	9	291	40	965	4	337	22	1130	62	2095
3:00	6	299			3	340				
3:15	6	279			8	360				
3:30	13	292			4	386				
3:45	20	272	45	1141	7	408	21	1493	66	2633
4:00	10	290			7	398				
4:15	18	299			7	427				
4:30	31	308			8	407				
4:45	68	317	126	1214	18	369	40	1599	166	2813
5:00	64	325			18	398				
5:15	66	353			25	401				
5:30	58	393			36	415				
5:45	69	360	256	1430	37	372	115	1585	371	3014
6:00	65	352			52	292				
6:15	92	335			47	284				
6:30	94	342			74	289				
6:45	110	323	361	1351	102	267	273	1131	634	2482
7:00	112	297			134	200				
7:15	147	253			196	186				
7:30	188	224			318	183				
7:45	219	210	665	984	381	173	1027	742	1692	1725
8:00	218	208			389	162				
8:15	263	196			323	140				
8:30	282	170			343	133				
8:45	215	189	977	762	288	110	1342	545	2319	1307
9:00	225	159			231	101				
9:15	174	143			208	103				
9:30	175	128			214	92				
9:45	176	103	750	532	198	74	851	369	1600	901
10:00	170	115			189	75				
10:15	152	92			185	72				
10:30	164	77			205	53				
10:45	157	62	643	346	186	45	764	244	1407	589
11:00	182	43			182	52				
11:15	183	57			208	44				
11:30	176	28			183	38				
11:45	199	21	739	149	185	33	757	166	1496	315
Totals	4752	10596			5310	10764				
Combined Totals		15348				16074				
ADT										31422
AM Peak Hour	815	AM			745	AM				
Volume	985				1435					
P.H.F.	0.874				0.923					
PM Peak Hour		515	PM			345	PM			
Volume		1456				1638				
P.H.F.		0.927				0.960				
Percentage	31.0%	69.0%			33.0%	67.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Marketplace - State Route 261 Southbound

File Name 196
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	208			28	219				
12:15	6	176			19	243				
12:30	9	230			11	216				
12:45	15	199	39	813	4	223	62	901	101	1714
1:00	10	202			14	186				
1:15	4	219			7	231				
1:30	7	273			14	193				
1:45	5	273	26	967	5	210	40	820	66	1787
2:00	8	292			8	189				
2:15	4	250			5	231				
2:30	2	233			6	200				
2:45	3	382	17	1157	2	178	21	798	38	1955
3:00	4	374			3	244				
3:15	3	418			5	243				
3:30	5	360			16	260				
3:45	7	513	19	1665	5	215	29	962	48	2627
4:00	9	420			6	244				
4:15	4	531			13	233				
4:30	10	445			20	245				
4:45	11	463	34	1859	20	277	59	999	93	2858
5:00	14	452			14	260				
5:15	31	479			18	294				
5:30	33	440			51	284				
5:45	59	433	137	1804	61	280	144	1118	281	2922
6:00	30	379			86	279				
6:15	55	352			87	257				
6:30	68	260			86	254				
6:45	107	240	260	1231	114	269	373	1059	633	2290
7:00	123	205			137	248				
7:15	165	187			167	219				
7:30	224	168			197	192				
7:45	313	156	825	716	249	197	750	856	1575	1572
8:00	366	145			239	173				
8:15	406	129			274	180				
8:30	314	123			242	184				
8:45	323	75	1409	472	202	146	957	683	2366	1155
9:00	206	145			124	139				
9:15	186	130			149	109				
9:30	204	123			120	123				
9:45	180	86	776	484	113	82	506	453	1282	937
10:00	168	102			137	68				
10:15	193	74			129	79				
10:30	167	46			128	56				
10:45	159	30	687	252	167	53	561	256	1248	508
11:00	193	23			147	48				
11:15	196	36			163	39				
11:30	246	30			159	29				
11:45	228	16	863	105	203	25	672	141	1535	246
Totals	5092	11525			4174	9046				
Combined Totals		16617				13220				
ADT										29837
AM Peak Hour	800	AM			745	AM				
Volume	1409				1004					
P.H.F.	0.868				0.916					
PM Peak Hour		345	PM			515	PM			
Volume		1909				1137				
P.H.F.		0.899				0.967				
Percentage	30.6%	69.4%			31.6%	68.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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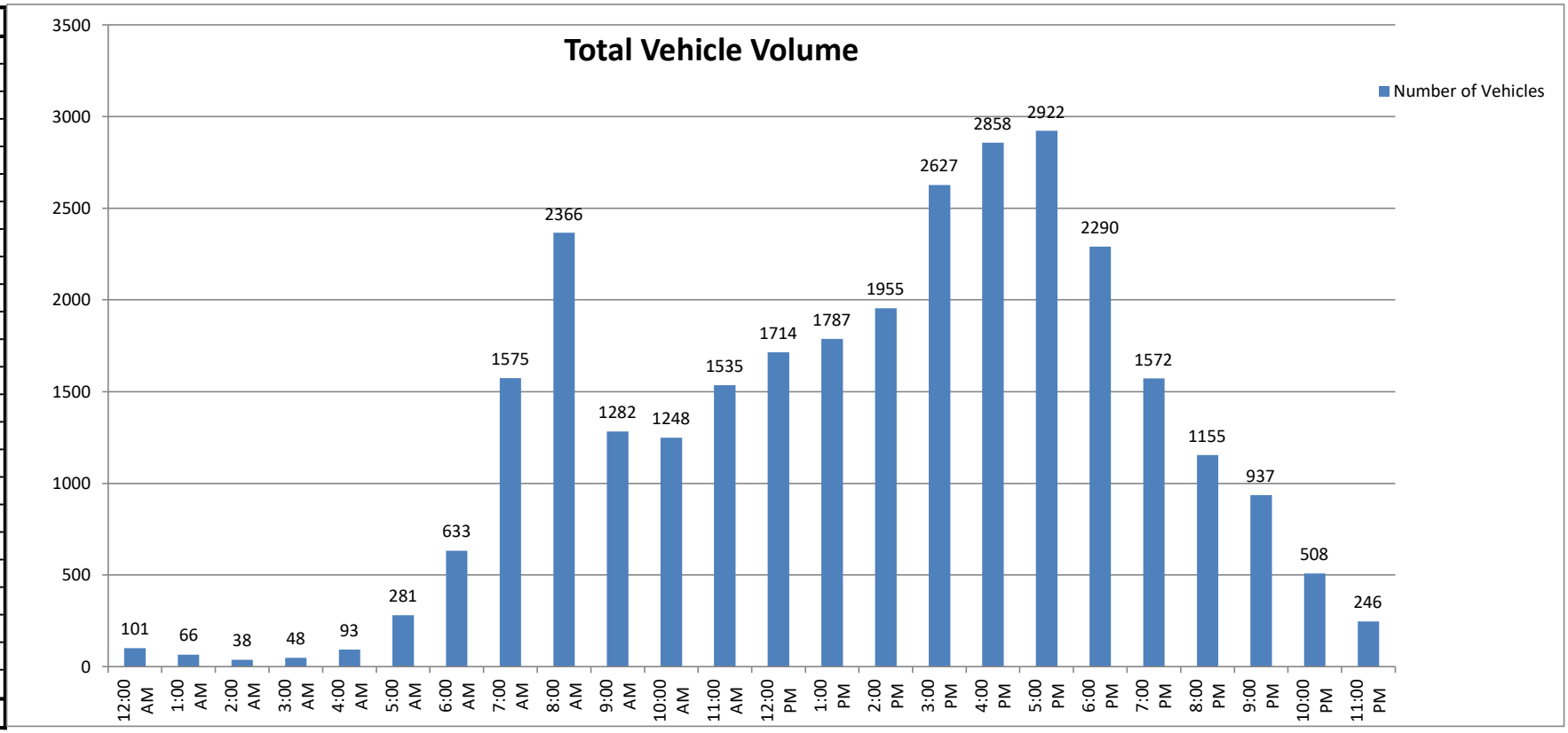
24 Hour Volume Plot

Irvine Boulevard

B/ Marketplace - State Route 261 Southbound

5/1/2024

Start Time	5/1/2024
12:00 AM	101
1:00 AM	66
2:00 AM	38
3:00 AM	48
4:00 AM	93
5:00 AM	281
6:00 AM	633
7:00 AM	1575
8:00 AM	2366
9:00 AM	1282
10:00 AM	1248
11:00 AM	1535
12:00 PM	1714
1:00 PM	1787
2:00 PM	1955
3:00 PM	2627
4:00 PM	2858
5:00 PM	2922
6:00 PM	2290
7:00 PM	1572
8:00 PM	1155
9:00 PM	937
10:00 PM	508
11:00 PM	246
Total	29837



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ Marketplace - State Route 261 Southbound

File Name 196
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	222			14	175				
12:15	14	173			16	203				
12:30	23	182			8	231				
12:45	12	192	73	769	4	197	42	806	115	1575
1:00	8	193			7	185				
1:15	10	249			6	203				
1:30	12	231			7	209				
1:45	7	245	37	918	3	222	23	819	60	1737
2:00	11	197			2	213				
2:15	7	199			5	202				
2:30	7	211			8	259				
2:45	4	225	29	832	4	269	19	943	48	1775
3:00	6	213			4	401				
3:15	6	244			7	417				
3:30	9	236			8	444				
3:45	13	264	34	957	5	515	24	1777	58	2734
4:00	23	280			11	475				
4:15	13	252			5	499				
4:30	25	233			10	487				
4:45	24	200	85	965	15	507	41	1968	126	2933
5:00	18	285			14	487				
5:15	27	274			29	465				
5:30	46	263			40	456				
5:45	48	298	139	1120	48	431	131	1839	270	2959
6:00	59	271			35	406				
6:15	75	276			76	499				
6:30	92	237			75	367				
6:45	79	247	305	1031	94	290	280	1562	585	2593
7:00	94	254			123	226				
7:15	142	229			204	211				
7:30	161	202			235	184				
7:45	228	238	625	923	297	174	859	795	1484	1718
8:00	201	194			323	126				
8:15	248	194			319	109				
8:30	246	158			307	102				
8:45	198	158	893	704	309	103	1258	440	2151	1144
9:00	138	145			235	93				
9:15	137	130			199	73				
9:30	109	132			193	98				
9:45	144	102	528	509	210	81	837	345	1365	854
10:00	136	88			187	58				
10:15	102	74			190	51				
10:30	129	54			154	33				
10:45	144	64	511	280	172	27	703	169	1214	449
11:00	140	44			196	28				
11:15	171	37			212	27				
11:30	178	29			187	19				
11:45	191	25	680	135	204	15	799	89	1479	224
Totals	3939	9143			5016	11552				
Combined Totals		13082				16568				
ADT										29650
AM Peak Hour	745	AM			800	AM				
Volume	923				1258					
P.H.F.	0.930				0.974					
PM Peak Hour		500	PM			415	PM			
Volume		1120				1980				
P.H.F.		0.940				0.976				
Percentage	30.1%	69.9%			30.3%	69.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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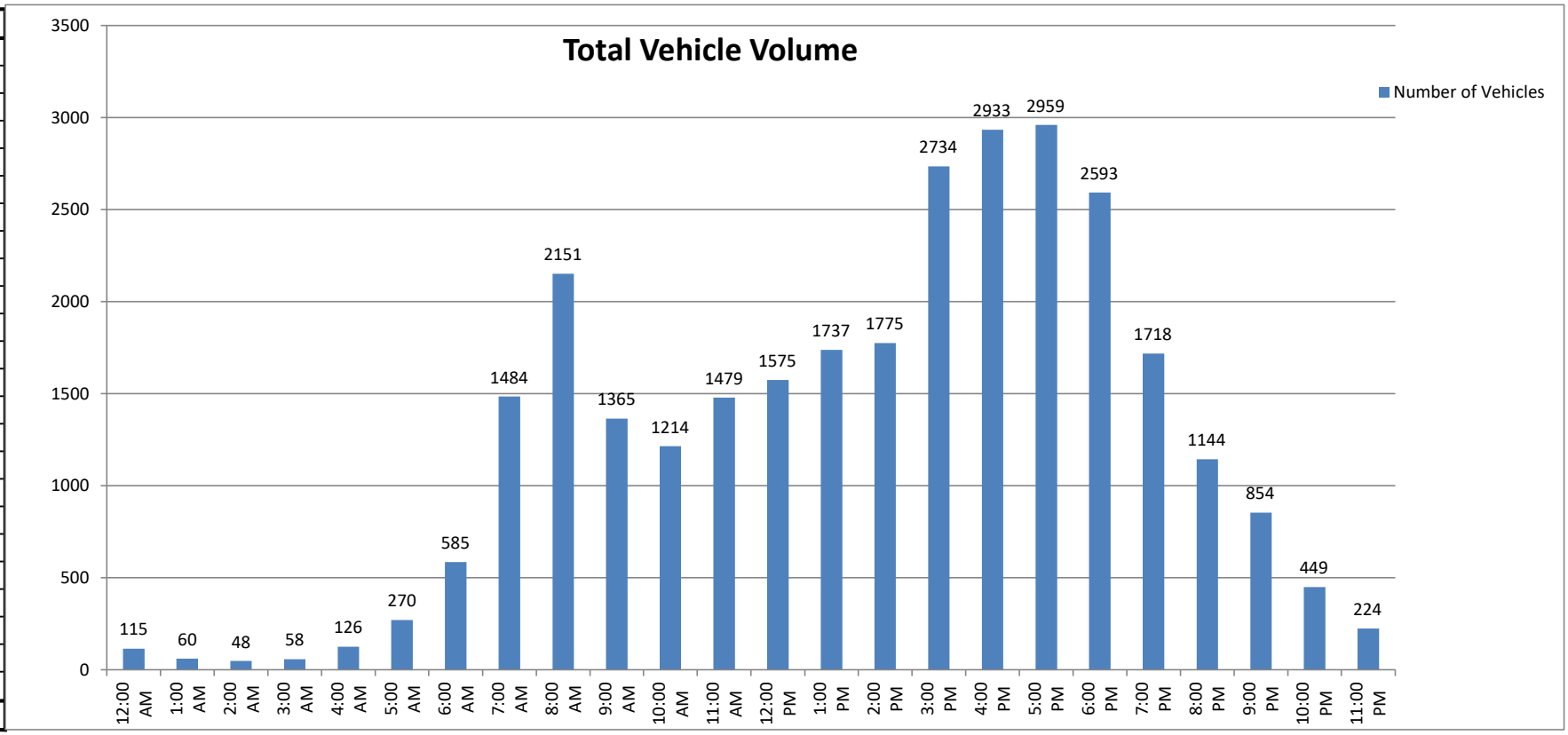
24 Hour Volume Plot

Irvine Boulevard

B/ Marketplace - State Route 261 Southbound

5/2/2024

Start Time	5/2/2024
12:00 AM	115
1:00 AM	60
2:00 AM	48
3:00 AM	58
4:00 AM	126
5:00 AM	270
6:00 AM	585
7:00 AM	1484
8:00 AM	2151
9:00 AM	1365
10:00 AM	1214
11:00 AM	1479
12:00 PM	1575
1:00 PM	1737
2:00 PM	1775
3:00 PM	2734
4:00 PM	2933
5:00 PM	2959
6:00 PM	2593
7:00 PM	1718
8:00 PM	1144
9:00 PM	854
10:00 PM	449
11:00 PM	224
Total	29650



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Irvine Boulevard
B/ Marketplace - State Route 261 Southbound

File Name 196
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	215			21	197				
12:15	10	175			18	223				
12:30	16	206			10	224				
12:45	14	196	56	791	4	210	52	854	108	1645
1:00	9	198			11	186				
1:15	7	234			7	217				
1:30	10	252			11	201				
1:45	6	259	32	943	4	216	32	820	63	1762
2:00	10	245			5	201				
2:15	6	225			5	217				
2:30	5	222			7	230				
2:45	4	304	23	995	3	224	20	871	43	1865
3:00	5	294			4	323				
3:15	5	331			6	330				
3:30	7	298			12	352				
3:45	10	389	27	1311	5	365	27	1370	53	2681
4:00	16	350			9	360				
4:15	9	392			9	366				
4:30	18	339			15	366				
4:45	18	332	60	1412	18	392	50	1484	110	2896
5:00	16	369			14	374				
5:15	29	377			24	380				
5:30	40	352			46	370				
5:45	54	366	138	1462	55	356	138	1479	276	2941
6:00	45	325			61	343				
6:15	65	314			82	378				
6:30	80	249			81	311				
6:45	93	244	283	1131	104	280	327	1311	609	2442
7:00	109	230			130	237				
7:15	154	208			186	215				
7:30	193	185			216	188				
7:45	271	197	725	820	273	186	805	826	1530	1645
8:00	284	170			281	150				
8:15	327	162			297	145				
8:30	280	141			275	143				
8:45	261	117	1151	588	256	125	1108	562	2259	1150
9:00	172	145			180	116				
9:15	162	130			174	91				
9:30	157	128			157	111				
9:45	162	94	652	497	162	82	672	399	1324	896
10:00	152	95			162	63				
10:15	148	74			160	65				
10:30	148	50			141	45				
10:45	152	47	599	266	170	40	632	213	1231	479
11:00	167	34			172	38				
11:15	184	37			188	33				
11:30	212	30			173	24				
11:45	210	21	772	120	204	20	736	115	1507	235
Totals	4516	10334			4595	10299				
Combined Totals		14850				14894				
ADT										29744
AM Peak Hour	745	AM			745	AM				
Volume	1161				1125					
P.H.F.	0.888				0.949					
PM Peak Hour		345	PM			445	PM			
Volume		1469				1515				
P.H.F.		0.938				0.966				
Percentage	30.4%	69.6%			30.9%	69.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ Modjeska - Pusan Way

File Name 209
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	182			26	169				
12:15	14	169			20	223				
12:30	15	189			19	218				
12:45	16	197	69	737	12	189	77	799	146	1536
1:00	5	204			12	172				
1:15	5	158			12	227				
1:30	7	226			4	193				
1:45	8	282	25	870	6	189	34	781	59	1651
2:00	5	275			5	211				
2:15	8	276			10	409				
2:30	9	225			1	439				
2:45	9	227	31	1003	4	288	20	1347	51	2350
3:00	6	212			2	336				
3:15	10	218			10	296				
3:30	18	250			5	407				
3:45	9	240	43	920	4	421	21	1460	64	2380
4:00	11	243			4	370				
4:15	29	272			5	378				
4:30	38	229			11	378				
4:45	44	239	122	983	10	373	30	1499	152	2482
5:00	34	228			16	354				
5:15	59	274			20	422				
5:30	79	265			21	347				
5:45	111	236	283	1003	35	321	92	1444	375	2447
6:00	102	235			51	318				
6:15	126	247			28	288				
6:30	125	203			67	264				
6:45	178	207	531	892	84	239	230	1109	761	2001
7:00	158	171			118	202				
7:15	220	171			177	204				
7:30	255	171			231	188				
7:45	357	182	990	695	222	160	748	754	1738	1449
8:00	372	122			228	184				
8:15	525	147			280	145				
8:30	528	128			314	132				
8:45	290	145	1715	542	273	133	1095	594	2810	1136
9:00	244	136			176	119				
9:15	245	128			169	149				
9:30	209	86			180	128				
9:45	217	71	915	421	148	108	673	504	1588	925
10:00	179	72			135	98				
10:15	172	61			139	63				
10:30	154	37			144	45				
10:45	174	43	679	213	143	49	561	255	1240	468
11:00	142	27			165	47				
11:15	171	26			117	30				
11:30	152	37			144	27				
11:45	177	30	642	120	132	18	558	122	1200	242
Totals	6045	8399			4139	10668				
Combined Totals		14444				14807				
ADT										29251
AM Peak Hour	745	AM			800	AM				
Volume	1782				1095					
P.H.F.	0.844				0.872					
PM Peak Hour		130	PM			330	PM			
Volume		1059				1576				
P.H.F.		0.939				0.936				
Percentage	41.9%	58.1%			28.0%	72.0%				

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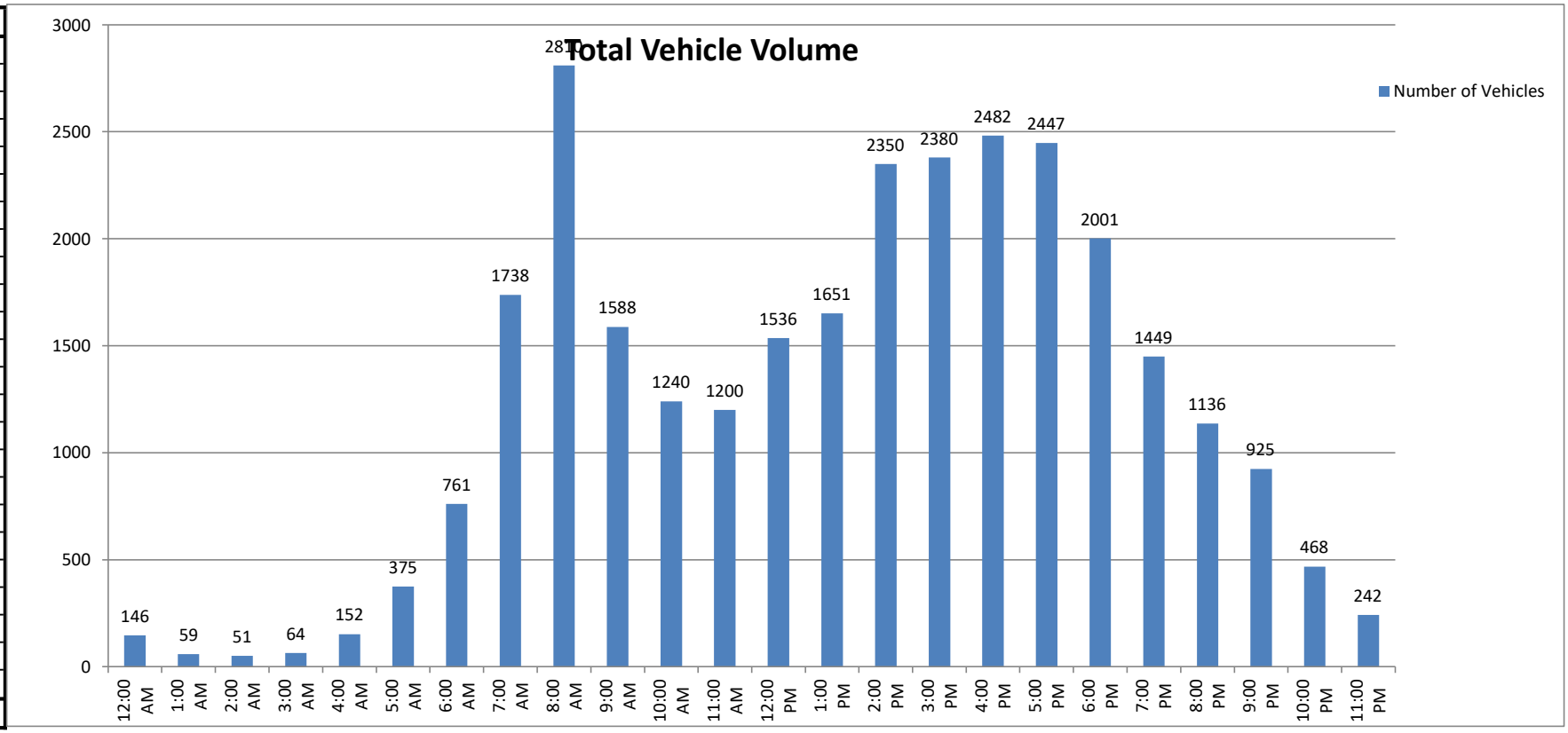
24 Hour Volume Plot

Irvine Boulevard
B/ Modjeska - Pusan Way

3/13/2024

Start Time	3/13/2024
12:00 AM	146
1:00 AM	59
2:00 AM	51
3:00 AM	64
4:00 AM	152
5:00 AM	375
6:00 AM	761
7:00 AM	1738
8:00 AM	2810
9:00 AM	1588
10:00 AM	1240
11:00 AM	1200
12:00 PM	1536
1:00 PM	1651
2:00 PM	2350
3:00 PM	2380
4:00 PM	2482
5:00 PM	2447
6:00 PM	2001
7:00 PM	1449
8:00 PM	1136
9:00 PM	925
10:00 PM	468
11:00 PM	242
Total	29251



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Modjeska - Pusan Way

File Name 209
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	152			25	171				
12:15	27	166			17	193				
12:30	22	177			14	183				
12:45	23	170	89	665	13	171	69	718	158	1383
1:00	11	160			18	191				
1:15	17	189			10	187				
1:30	17	171			3	177				
1:45	9	200	54	720	6	212	37	767	91	1487
2:00	9	225			6	224				
2:15	9	208			3	409				
2:30	8	228			0	341				
2:45	8	238	34	899	4	304	13	1278	47	2177
3:00	8	229			6	273				
3:15	9	271			8	319				
3:30	20	294			4	397				
3:45	30	293	67	1087	5	465	23	1454	90	2541
4:00	18	215			4	394				
4:15	24	203			6	394				
4:30	43	256			3	350				
4:45	82	240	167	914	13	332	26	1470	193	2384
5:00	98	263			19	411				
5:15	97	249			20	410				
5:30	117	247			22	359				
5:45	103	261	415	1020	53	311	114	1491	529	2511
6:00	108	246			35	282				
6:15	121	239			35	321				
6:30	115	218			69	249				
6:45	191	217	535	920	98	236	237	1088	772	2008
7:00	173	172			130	205				
7:15	186	219			193	184				
7:30	225	166			227	176				
7:45	336	168	920	725	205	187	755	752	1675	1477
8:00	489	147			290	144				
8:15	586	137			327	145				
8:30	306	135			313	130				
8:45	318	132	1699	551	204	117	1134	536	2833	1087
9:00	245	128			171	117				
9:15	250	91			149	128				
9:30	209	114			145	116				
9:45	259	105	963	438	181	106	646	467	1609	905
10:00	174	87			151	124				
10:15	185	55			133	126				
10:30	191	61			164	81				
10:45	197	55	747	258	138	68	586	399	1333	657
11:00	145	33			128	51				
11:15	144	54			130	53				
11:30	138	39			146	41				
11:45	179	20	606	146	169	40	573	185	1179	331
Totals	6296	8343			4213	10605				
Combined Totals		14639				14818				
ADT										29457
AM Peak Hour	745	AM			745	AM				
Volume	1717				1135					
P.H.F.	0.733				0.868					
PM Peak Hour		300	PM			330	PM			
Volume		1087				1650				
P.H.F.		0.924				0.887				
Percentage	43.0%	57.0%			28.4%	71.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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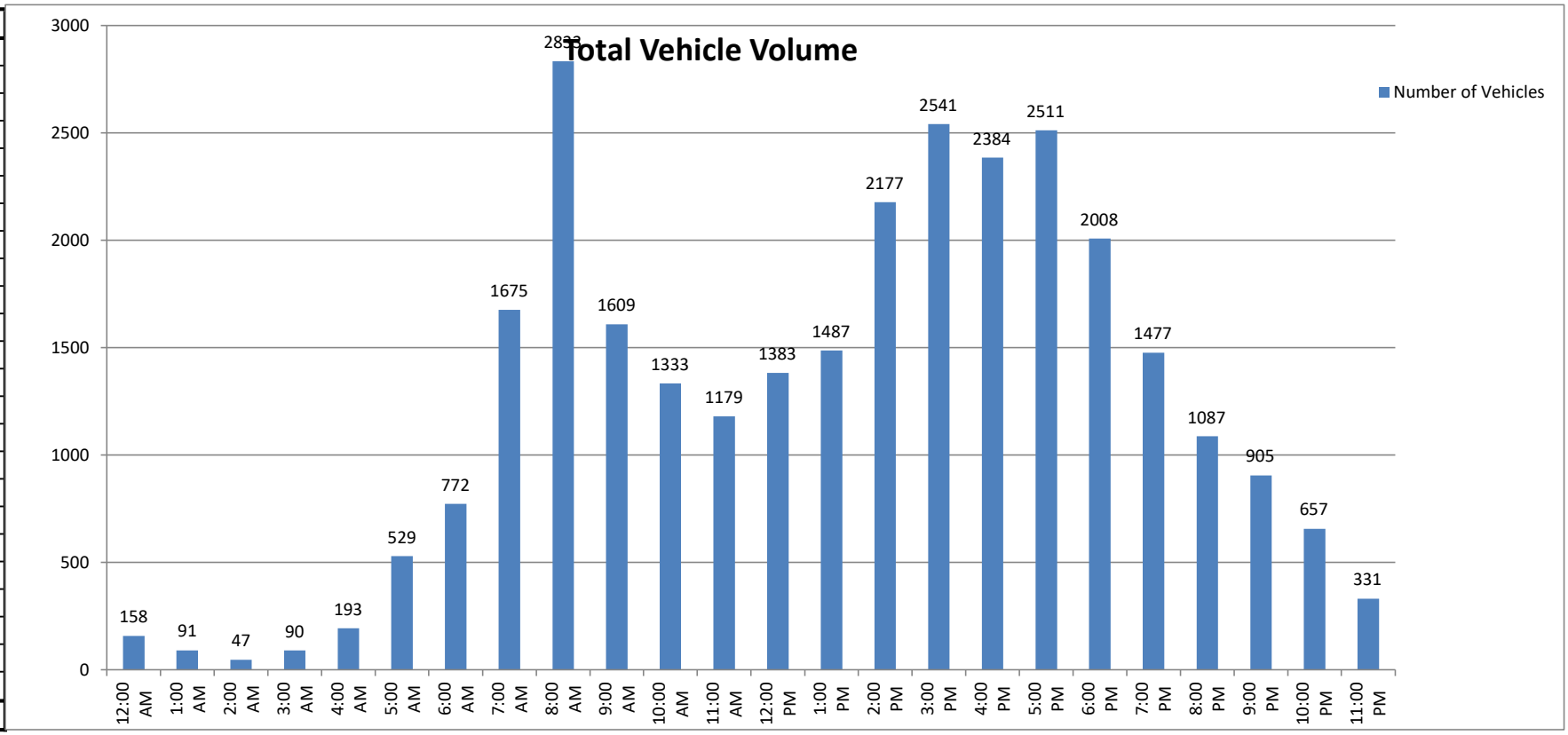
24 Hour Volume Plot

Irvine Boulevard
B/ Modjeska - Pusan Way

3/14/2024

Start Time	3/14/2024
12:00 AM	158
1:00 AM	91
2:00 AM	47
3:00 AM	90
4:00 AM	193
5:00 AM	529
6:00 AM	772
7:00 AM	1675
8:00 AM	2833
9:00 AM	1609
10:00 AM	1333
11:00 AM	1179
12:00 PM	1383
1:00 PM	1487
2:00 PM	2177
3:00 PM	2541
4:00 PM	2384
5:00 PM	2511
6:00 PM	2008
7:00 PM	1477
8:00 PM	1087
9:00 PM	905
10:00 PM	657
11:00 PM	331
Total	29457



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Modjeska - Pusan Way

File Name 209
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	167			26	170				
12:15	21	168			19	208				
12:30	19	183			17	201				
12:45	20	184	79	701	13	180	73	759	152	1460
1:00	8	182			15	182				
1:15	11	174			11	207				
1:30	12	199			4	185				
1:45	9	241	40	795	6	201	36	774	75	1569
2:00	7	250			6	218				
2:15	9	242			7	409				
2:30	9	227			1	390				
2:45	9	233	33	951	4	296	17	1313	49	2264
3:00	7	221			4	305				
3:15	10	245			9	308				
3:30	19	272			5	402				
3:45	20	267	55	1004	5	443	22	1457	77	2461
4:00	15	229			4	382				
4:15	27	238			6	386				
4:30	41	243			7	364				
4:45	63	240	145	949	12	353	28	1485	173	2433
5:00	66	246			18	383				
5:15	78	262			20	416				
5:30	98	256			22	353				
5:45	107	249	349	1012	44	316	103	1468	452	2479
6:00	105	241			43	300				
6:15	124	243			32	305				
6:30	120	211			68	257				
6:45	185	212	533	906	91	238	234	1099	767	2005
7:00	166	172			124	204				
7:15	203	195			185	194				
7:30	240	169			229	182				
7:45	347	175	955	710	214	174	752	753	1707	1463
8:00	431	135			259	164				
8:15	556	142			304	145				
8:30	417	132			314	131				
8:45	304	139	1707	547	239	125	1115	565	2822	1112
9:00	245	132			174	118				
9:15	248	110			159	139				
9:30	209	100			163	122				
9:45	238	88	939	430	165	107	660	486	1599	915
10:00	177	80			143	111				
10:15	179	58			136	95				
10:30	173	49			154	63				
10:45	186	49	713	236	141	59	574	327	1287	563
11:00	144	30			147	49				
11:15	158	40			124	42				
11:30	145	38			145	34				
11:45	178	25	624	133	151	29	566	154	1190	287
Totals	6171	8371			4176	10637				
Combined Totals		14542				14813				
ADT										29354
AM Peak Hour	745	AM			800	AM				
Volume	1750				1115					
P.H.F.	0.787				0.889					
PM Peak Hour		315	PM			330	PM			
Volume		1012				1613				
P.H.F.		0.930				0.910				
Percentage	42.4%	57.6%			28.2%	71.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Old Myford Road - Marketplace

File Name 195
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	240			9	201				
12:15	16	243			14	176				
12:30	10	232			10	212				
12:45	4	225	38	940	12	220	45	809	83	1749
1:00	13	206			10	222				
1:15	10	256			2	225				
1:30	10	252			9	279				
1:45	5	232	38	946	6	284	27	1010	65	1956
2:00	5	198			10	261				
2:15	3	234			11	289				
2:30	6	222			2	249				
2:45	2	205	16	859	3	338	26	1137	42	1996
3:00	2	253			5	391				
3:15	6	241			3	456				
3:30	14	267			6	349				
3:45	7	216	29	977	6	473	20	1669	49	2646
4:00	7	222			8	426				
4:15	14	276			3	497				
4:30	23	261			15	445				
4:45	22	253	66	1012	17	435	43	1803	109	2815
5:00	18	276			14	410				
5:15	33	320			31	449				
5:30	59	280			42	422				
5:45	67	294	177	1170	65	370	152	1651	329	2821
6:00	93	286			43	349				
6:15	84	257			60	351				
6:30	88	255			69	255				
6:45	89	303	354	1101	111	254	283	1209	637	2310
7:00	145	222			127	208				
7:15	171	232			177	229				
7:30	183	193			196	189				
7:45	248	182	747	829	300	172	800	798	1547	1627
8:00	279	165			335	163				
8:15	322	183			329	189				
8:30	191	140			312	152				
8:45	177	131	969	619	291	127	1267	631	2236	1250
9:00	179	135			179	109				
9:15	159	114			178	104				
9:30	151	106			176	86				
9:45	139	70	628	425	175	79	708	378	1336	803
10:00	173	59			156	67				
10:15	146	72			172	63				
10:30	167	55			156	56				
10:45	184	52	670	238	158	54	642	240	1312	478
11:00	169	44			168	35				
11:15	188	34			212	33				
11:30	204	26			212	24				
11:45	214	21	775	125	220	23	812	115	1587	240
Totals	4507	9241			4825	11450				
Combined Totals		13748				16275				
ADT										30023
AM Peak Hour	745	AM			745	AM				
Volume	1040				1276					
P.H.F.	0.807				0.952					
PM Peak Hour		515	PM			345	PM			
Volume		1180				1841				
P.H.F.		0.922				0.926				
Percentage	32.8%	67.2%			29.6%	70.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

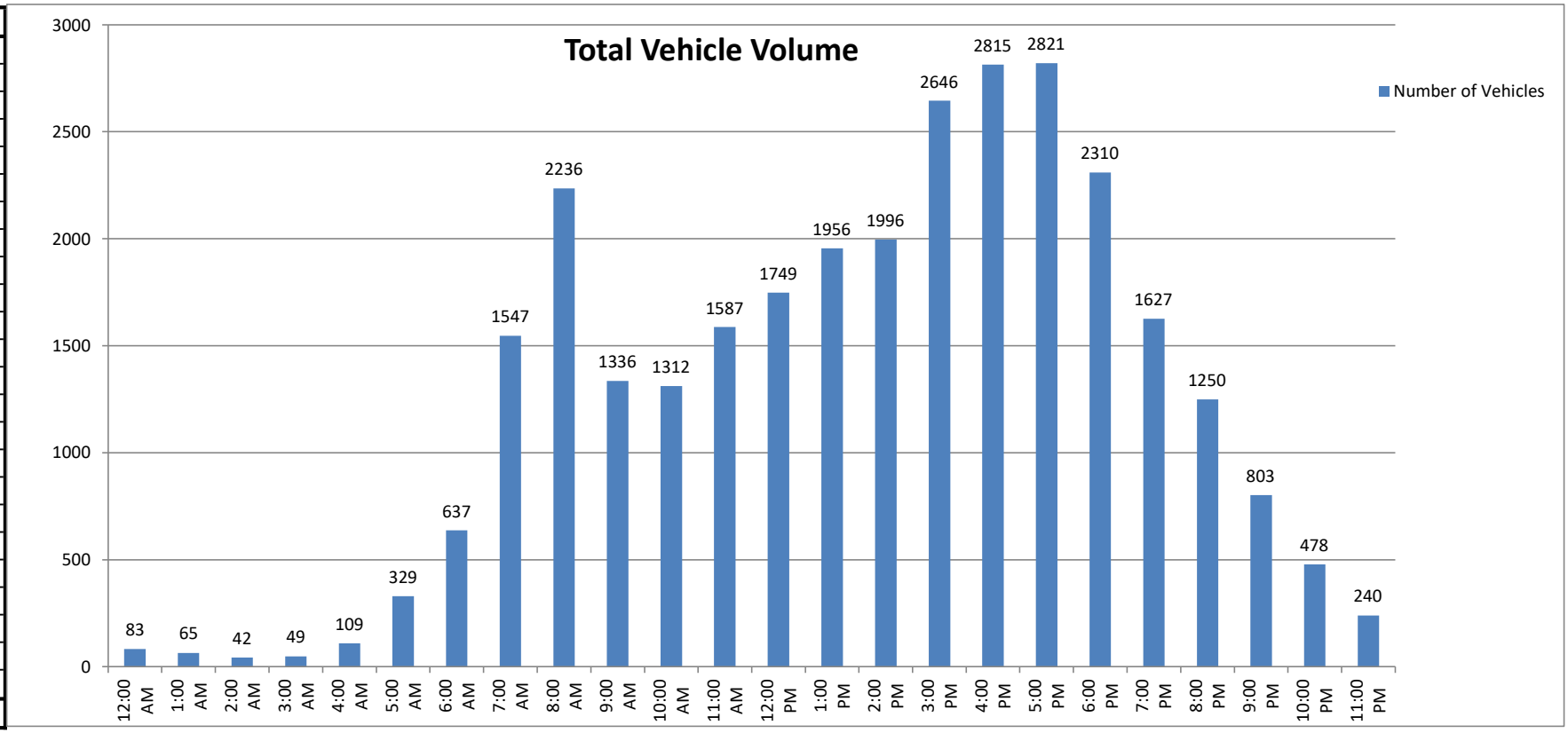
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Old Myford Road - Marketplace

5/1/2024

Start Time	5/1/2024
12:00 AM	83
1:00 AM	65
2:00 AM	42
3:00 AM	49
4:00 AM	109
5:00 AM	329
6:00 AM	637
7:00 AM	1547
8:00 AM	2236
9:00 AM	1336
10:00 AM	1312
11:00 AM	1587
12:00 PM	1749
1:00 PM	1956
2:00 PM	1996
3:00 PM	2646
4:00 PM	2815
5:00 PM	2821
6:00 PM	2310
7:00 PM	1627
8:00 PM	1250
9:00 PM	803
10:00 PM	478
11:00 PM	240
Total	30023



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Old Myford Road - Marketplace

File Name 195
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	226			19	168				
12:15	17	189			20	223				
12:30	19	205			14	199				
12:45	7	215	65	835	10	238	63	828	128	1663
1:00	11	238			12	216				
1:15	9	237			6	209				
1:30	6	225			6	234				
1:45	5	255	31	955	5	220	29	879	60	1834
2:00	9	204			1	210				
2:15	6	191			8	244				
2:30	8	208			5	276				
2:45	3	262	26	865	6	341	20	1071	46	1936
3:00	4	268			4	363				
3:15	5	237			8	458				
3:30	10	251			9	409				
3:45	12	297	31	1053	7	523	28	1753	59	2806
4:00	14	254			8	487				
4:15	13	257			4	490				
4:30	25	262			19	508				
4:45	21	236	73	1009	15	483	46	1968	119	2977
5:00	25	258			13	484				
5:15	32	305			30	483				
5:30	53	250			37	466				
5:45	66	305	176	1118	47	451	127	1884	303	3002
6:00	68	278			33	385				
6:15	78	264			65	478				
6:30	96	256			83	346				
6:45	75	237	317	1035	94	300	275	1509	592	2544
7:00	143	249			96	263				
7:15	182	215			207	209				
7:30	157	197			222	214				
7:45	228	216	710	877	294	206	819	892	1529	1769
8:00	260	174			326	164				
8:15	328	162			298	142				
8:30	217	133			343	126				
8:45	180	140	985	609	288	126	1255	558	2240	1167
9:00	138	114			215	127				
9:15	129	118			216	115				
9:30	130	112			193	93				
9:45	152	83	549	427	191	64	815	399	1364	826
10:00	147	84			185	87				
10:15	92	64			180	64				
10:30	148	45			170	51				
10:45	148	66	535	259	175	32	710	234	1245	493
11:00	161	45			199	38				
11:15	185	36			206	34				
11:30	204	19			166	25				
11:45	203	27	753	127	207	33	778	130	1531	257
Totals	4251	9169			4965	12105				
Combined Totals		13420				17070				
ADT										30490
AM Peak Hour	745	AM			745	AM				
Volume	1033				1261					
P.H.F.	0.787				0.919					
PM Peak Hour		515	PM			345	PM			
Volume		1138				2008				
P.H.F.		0.933				0.960				
Percentage	31.7%	68.3%			29.1%	70.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

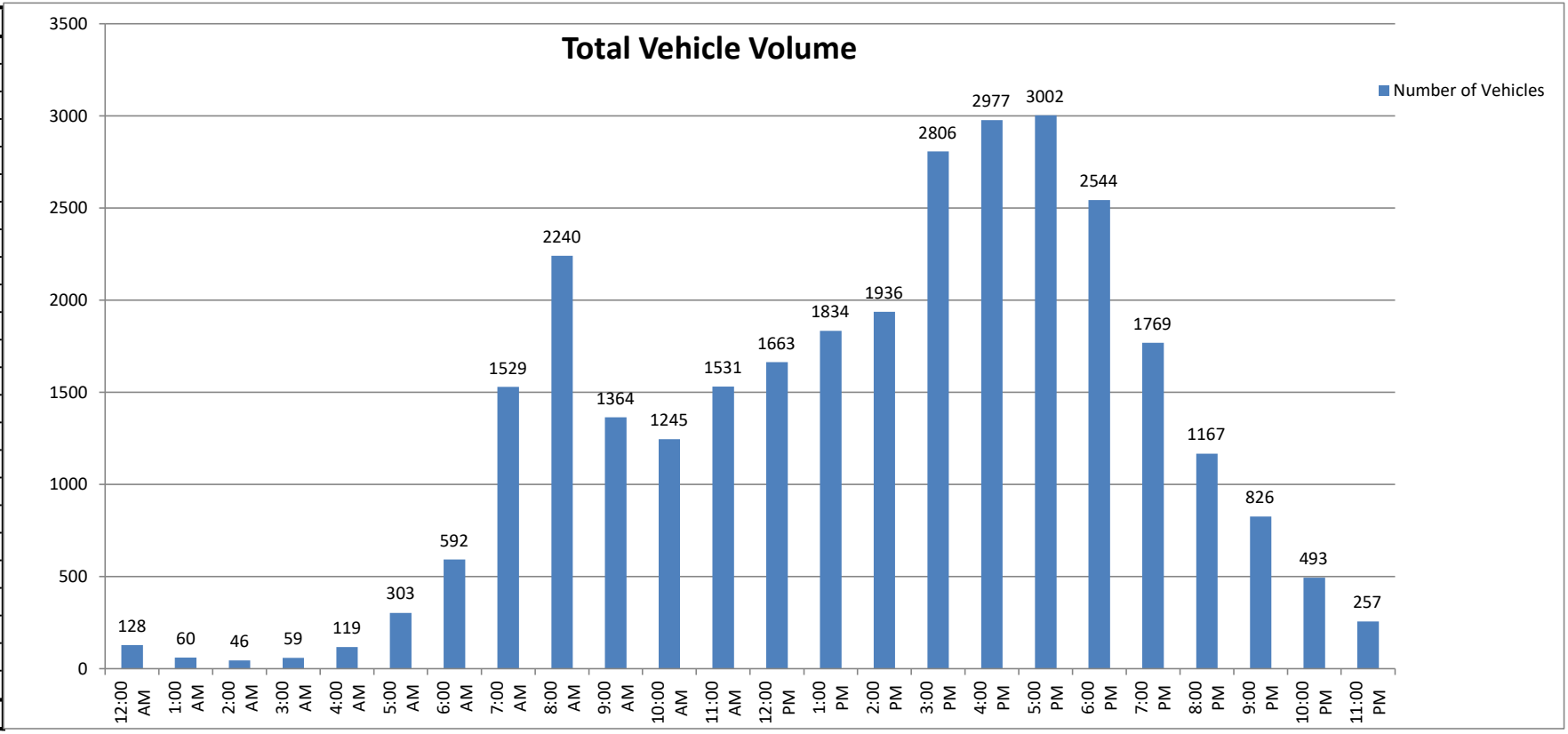
24 Hour Volume Plot

Irvine Boulevard

B/ Old Myford Road - Marketplace

5/2/2024

Start Time	5/2/2024
12:00 AM	128
1:00 AM	60
2:00 AM	46
3:00 AM	59
4:00 AM	119
5:00 AM	303
6:00 AM	592
7:00 AM	1529
8:00 AM	2240
9:00 AM	1364
10:00 AM	1245
11:00 AM	1531
12:00 PM	1663
1:00 PM	1834
2:00 PM	1936
3:00 PM	2806
4:00 PM	2977
5:00 PM	3002
6:00 PM	2544
7:00 PM	1769
8:00 PM	1167
9:00 PM	826
10:00 PM	493
11:00 PM	257
Total	30490



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Old Myford Road - Marketplace

File Name 195
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	233			14	185				
12:15	17	216			17	200				
12:30	15	219			12	206				
12:45	6	220	52	888	11	229	54	819	106	1706
1:00	12	222			11	219				
1:15	10	247			4	217				
1:30	8	239			8	257				
1:45	5	244	35	951	6	252	28	945	63	1895
2:00	7	201			6	236				
2:15	5	213			10	267				
2:30	7	215			4	263				
2:45	3	234	21	862	5	340	23	1104	44	1966
3:00	3	261			5	377				
3:15	6	239			6	457				
3:30	12	259			8	379				
3:45	10	257	30	1015	7	498	24	1711	54	2726
4:00	11	238			8	457				
4:15	14	267			4	494				
4:30	24	262			17	477				
4:45	22	245	70	1011	16	459	45	1886	114	2896
5:00	22	267			14	447				
5:15	33	313			31	466				
5:30	56	265			40	444				
5:45	67	300	177	1144	56	411	140	1768	316	2912
6:00	81	282			38	367				
6:15	81	261			63	415				
6:30	92	256			76	301				
6:45	82	270	336	1068	103	277	279	1359	615	2427
7:00	144	236			112	236				
7:15	177	224			192	219				
7:30	170	195			209	202				
7:45	238	199	729	853	297	189	810	845	1538	1698
8:00	270	170			331	164				
8:15	325	173			314	166				
8:30	204	137			328	139				
8:45	179	136	977	614	290	127	1261	595	2238	1209
9:00	159	125			197	118				
9:15	144	116			197	110				
9:30	141	109			185	90				
9:45	146	77	589	426	183	72	762	389	1350	815
10:00	160	72			171	77				
10:15	119	68			176	64				
10:30	158	50			163	54				
10:45	166	59	603	249	167	43	676	237	1279	486
11:00	165	45			184	37				
11:15	187	35			209	34				
11:30	204	23			189	25				
11:45	209	24	764	126	214	28	795	123	1559	249
Totals	4379	9205			4895	11778				
Combined Totals		13584				16673				
ADT										30257
AM Peak Hour	745	AM			745	AM				
Volume	1037				1269					
P.H.F.	0.797				0.960					
PM Peak Hour		515	PM			345	PM			
Volume		1159				1925				
P.H.F.		0.927				0.966				
Percentage	32.2%	67.8%			29.4%	70.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Palo Lado - Yale Avenue

File Name 201
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	181			19	189				
12:15	22	192			16	204				
12:30	20	208			15	180				
12:45	10	201	84	782	5	189	55	762	139	1544
1:00	16	218			13	182				
1:15	8	217			10	197				
1:30	10	214			5	227				
1:45	6	216	40	865	7	249	35	855	75	1720
2:00	4	208			2	228				
2:15	8	196			5	247				
2:30	11	198			9	232				
2:45	3	220	26	822	1	301	17	1008	43	1830
3:00	9	230			2	331				
3:15	4	247			10	354				
3:30	8	264			8	378				
3:45	11	243	32	984	7	425	27	1488	59	2472
4:00	6	270			7	485				
4:15	14	266			15	456				
4:30	28	267			12	444				
4:45	24	294	72	1097	17	381	51	1766	123	2863
5:00	19	326			27	421				
5:15	34	352			27	368				
5:30	38	336			45	482				
5:45	60	328	151	1342	53	353	152	1624	303	2966
6:00	53	333			51	363				
6:15	89	268			61	289				
6:30	78	281			86	323				
6:45	106	269	326	1151	125	278	323	1253	649	2404
7:00	91	262			117	203				
7:15	101	211			169	201				
7:30	157	211			253	146				
7:45	182	202	531	886	366	165	905	715	1436	1601
8:00	163	220			317	128				
8:15	196	176			298	138				
8:30	167	171			296	115				
8:45	179	188	705	755	342	98	1253	479	1958	1234
9:00	179	156			253	94				
9:15	158	134			212	88				
9:30	176	122			208	84				
9:45	153	98	666	510	186	66	859	332	1525	842
10:00	120	100			199	56				
10:15	132	69			171	51				
10:30	142	79			181	39				
10:45	154	59	548	307	186	40	737	186	1285	493
11:00	147	39			188	34				
11:15	164	31			179	31				
11:30	159	23			196	16				
11:45	147	32	617	125	185	10	748	91	1365	216
Totals	3798	9626			5162	10559				
Combined Totals		13424				15721				
ADT										29145
AM Peak Hour	815	AM			745	AM				
Volume	721				1277					
P.H.F.	0.920				0.872					
PM Peak Hour		515	PM			345	PM			
Volume		1349				1810				
P.H.F.		0.958				0.933				
Percentage	28.3%	71.7%			32.8%	67.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

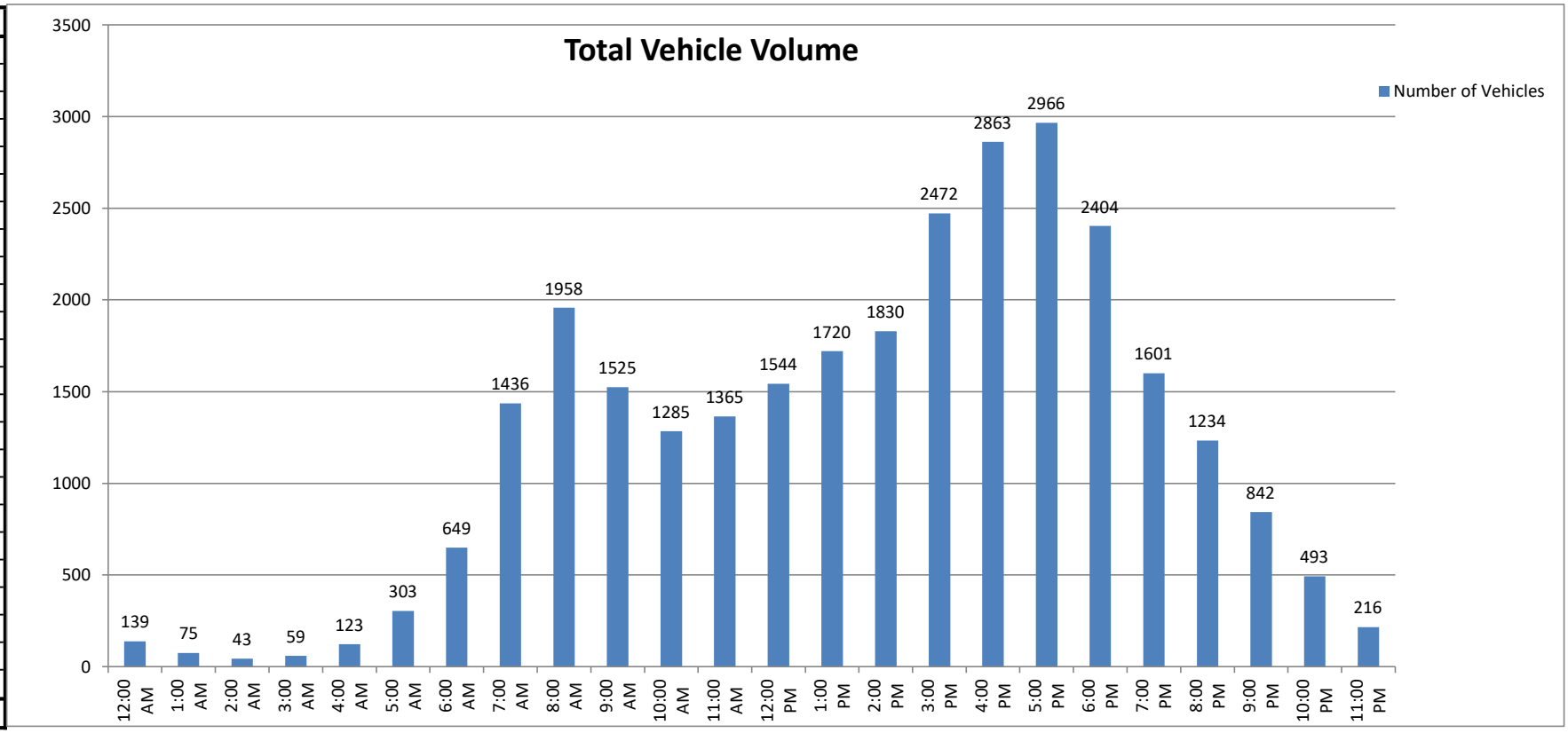
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Palo Lado - Yale Avenue

3/13/2024

Start Time	3/13/2024
12:00 AM	139
1:00 AM	75
2:00 AM	43
3:00 AM	59
4:00 AM	123
5:00 AM	303
6:00 AM	649
7:00 AM	1436
8:00 AM	1958
9:00 AM	1525
10:00 AM	1285
11:00 AM	1365
12:00 PM	1544
1:00 PM	1720
2:00 PM	1830
3:00 PM	2472
4:00 PM	2863
5:00 PM	2966
6:00 PM	2404
7:00 PM	1601
8:00 PM	1234
9:00 PM	842
10:00 PM	493
11:00 PM	216
Total	29145



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Palo Lado - Yale Avenue

File Name 201
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	181			18	172				
12:15	37	172			16	205				
12:30	26	183			18	175				
12:45	25	181	114	717	11	222	63	774	177	1491
1:00	22	171			13	171				
1:15	21	197			4	194				
1:30	19	193			5	194				
1:45	11	207	73	768	6	212	28	771	101	1539
2:00	12	208			5	238				
2:15	14	236			6	257				
2:30	5	209			7	216				
2:45	8	262	39	915	3	329	21	1040	60	1955
3:00	8	233			5	383				
3:15	8	216			11	371				
3:30	12	256			6	430				
3:45	23	231	51	936	11	410	33	1594	84	2530
4:00	10	273			10	410				
4:15	19	300			10	432				
4:30	27	274			8	469				
4:45	104	287	160	1134	17	384	45	1695	205	2829
5:00	89	279			22	425				
5:15	83	334			25	368				
5:30	61	313			31	499				
5:45	46	295	279	1221	41	331	119	1623	398	2844
6:00	55	291			40	361				
6:15	85	289			53	293				
6:30	83	273			81	288				
6:45	84	283	307	1136	119	255	293	1197	600	2333
7:00	87	253			149	194				
7:15	108	223			162	209				
7:30	146	197			270	168				
7:45	132	177	473	850	316	167	897	738	1370	1588
8:00	181	187			367	130				
8:15	235	180			357	121				
8:30	239	165			303	125				
8:45	170	168	825	700	266	97	1293	473	2118	1173
9:00	157	169			244	84				
9:15	152	163			216	88				
9:30	141	141			207	59				
9:45	173	99	623	572	162	58	829	289	1452	861
10:00	136	110			166	66				
10:15	127	91			179	54				
10:30	142	86			190	49				
10:45	153	59	558	346	177	33	712	202	1270	548
11:00	136	72			192	34				
11:15	153	66			172	40				
11:30	157	50			175	45				
11:45	171	22	617	210	198	37	737	156	1354	366
Totals	4119	9505			5070	10552				
Combined Totals		13624				15622				
ADT										29246
AM Peak Hour	800	AM			745	AM				
Volume	825				1343					
P.H.F.	0.863				0.915					
PM Peak Hour		515	PM			345	PM			
Volume		1233				1721				
P.H.F.		0.923				0.917				
Percentage	30.2%	69.8%			32.5%	67.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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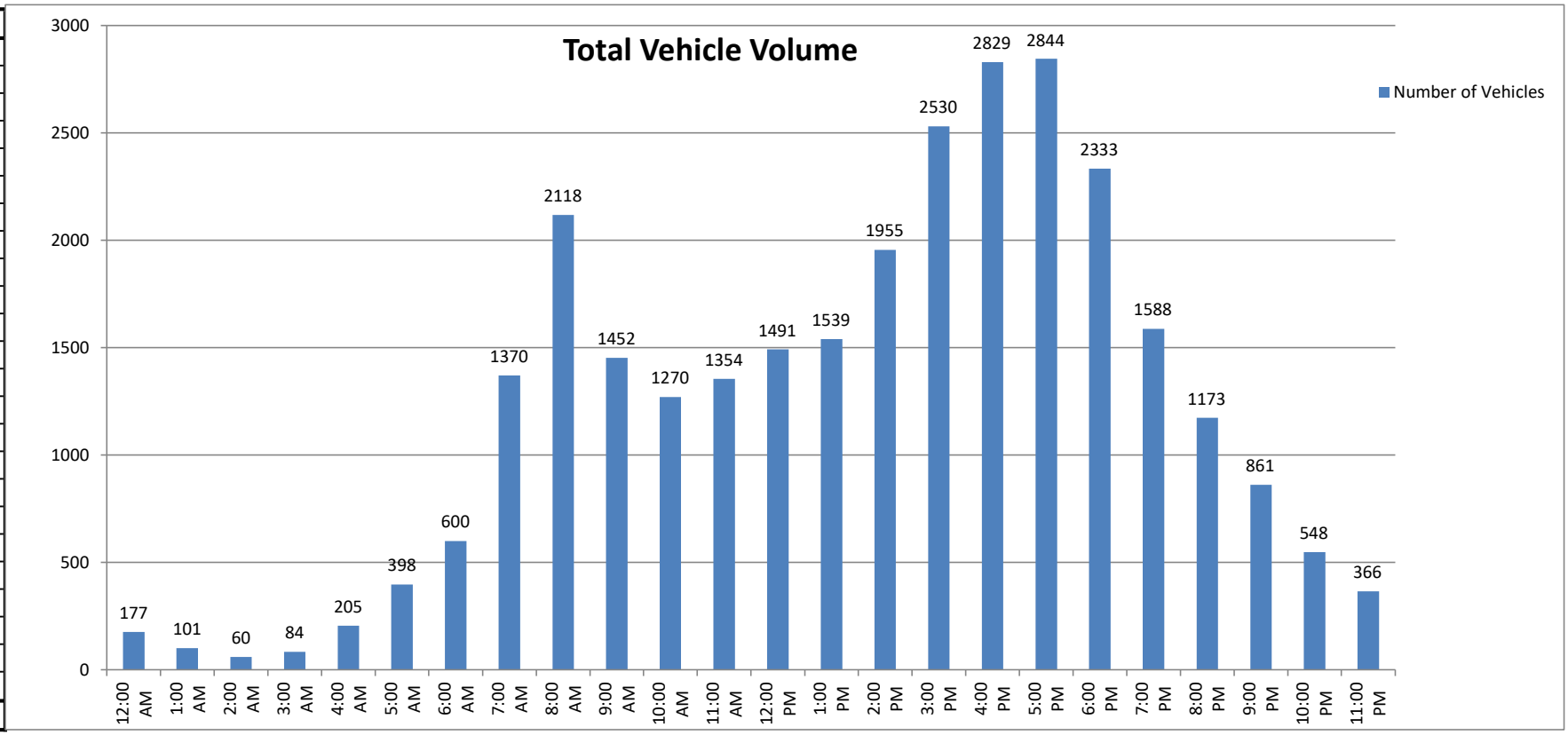
24 Hour Volume Plot

Irvine Boulevard
B/ Palo Lado - Yale Avenue

3/14/2024

Start Time	3/14/2024
12:00 AM	177
1:00 AM	101
2:00 AM	60
3:00 AM	84
4:00 AM	205
5:00 AM	398
6:00 AM	600
7:00 AM	1370
8:00 AM	2118
9:00 AM	1452
10:00 AM	1270
11:00 AM	1354
12:00 PM	1491
1:00 PM	1539
2:00 PM	1955
3:00 PM	2530
4:00 PM	2829
5:00 PM	2844
6:00 PM	2333
7:00 PM	1588
8:00 PM	1173
9:00 PM	861
10:00 PM	548
11:00 PM	366
Total	29246



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Palo Lado - Yale Avenue

File Name 201
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	181			19	181				
12:15	30	182			16	205				
12:30	23	196			17	178				
12:45	18	191	99	750	8	206	59	768	158	1518
1:00	19	195			13	177				
1:15	15	207			7	196				
1:30	15	204			5	211				
1:45	9	212	57	817	7	231	32	813	88	1630
2:00	8	208			4	233				
2:15	11	216			6	252				
2:30	8	204			8	224				
2:45	6	241	33	869	2	315	19	1024	52	1893
3:00	9	232			4	357				
3:15	6	232			11	363				
3:30	10	260			7	404				
3:45	17	237	42	960	9	418	30	1541	72	2501
4:00	8	272			9	448				
4:15	17	283			13	444				
4:30	28	271			10	457				
4:45	64	291	116	1116	17	383	48	1731	164	2846
5:00	54	303			25	423				
5:15	59	343			26	368				
5:30	50	325			38	491				
5:45	53	312	215	1282	47	342	136	1624	351	2905
6:00	54	312			46	362				
6:15	87	279			57	291				
6:30	81	277			84	306				
6:45	95	276	317	1144	122	267	308	1225	625	2369
7:00	89	258			133	199				
7:15	105	217			166	205				
7:30	152	204			262	157				
7:45	157	190	502	868	341	166	901	727	1403	1595
8:00	172	204			342	129				
8:15	216	178			328	130				
8:30	203	168			300	120				
8:45	175	178	765	728	304	98	1273	476	2038	1204
9:00	168	163			249	89				
9:15	155	149			214	88				
9:30	159	132			208	72				
9:45	163	99	645	541	174	62	844	311	1489	852
10:00	128	105			183	61				
10:15	130	80			175	53				
10:30	142	83			186	44				
10:45	154	59	553	327	182	37	725	194	1278	521
11:00	142	56			190	34				
11:15	159	49			176	36				
11:30	158	37			186	31				
11:45	159	27	617	168	192	24	743	124	1360	291
Totals	3959	9566			5116	10556				
Combined Totals		13524				15672				
ADT										29196
AM Peak Hour	800	AM			745	AM				
Volume	765				1310					
P.H.F.	0.887				0.958					
PM Peak Hour		515	PM			345	PM			
Volume		1291				1766				
P.H.F.		0.941				0.967				
Percentage	29.3%	70.7%			32.6%	67.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Pueblo Norte - The Groves

File Name 203
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	184			18	194				
12:15	21	195			16	214				
12:30	19	196			12	187				
12:45	14	234	84	809	6	223	52	818	136	1627
1:00	10	219			12	213				
1:15	7	219			9	250				
1:30	9	235			6	266				
1:45	4	272	30	945	6	305	33	1034	63	1979
2:00	7	237			1	250				
2:15	7	170			6	291				
2:30	10	235			8	323				
2:45	5	318	29	960	4	326	19	1190	48	2150
3:00	8	261			3	346				
3:15	3	256			9	433				
3:30	9	263			7	386				
3:45	13	270	33	1050	6	529	25	1694	58	2744
4:00	9	273			6	478				
4:15	12	304			9	553				
4:30	28	317			7	469				
4:45	26	338	75	1232	15	455	37	1955	112	3187
5:00	18	280			16	429				
5:15	30	364			22	461				
5:30	40	363			27	484				
5:45	65	355	153	1362	38	414	103	1788	256	3150
6:00	52	334			33	330				
6:15	82	291			40	340				
6:30	89	289			64	300				
6:45	101	292	324	1206	101	325	238	1295	562	2501
7:00	91	255			92	203				
7:15	141	219			156	187				
7:30	161	216			354	164				
7:45	271	197	664	887	445	170	1047	724	1711	1611
8:00	312	195			349	155				
8:15	218	198			282	128				
8:30	202	180			319	117				
8:45	211	187	943	760	322	105	1272	505	2215	1265
9:00	183	154			240	98				
9:15	193	126			193	105				
9:30	173	116			213	89				
9:45	152	91	701	487	212	63	858	355	1559	842
10:00	161	88			190	57				
10:15	164	64			177	58				
10:30	158	67			196	46				
10:45	138	50	621	269	184	45	747	206	1368	475
11:00	163	34			188	42				
11:15	185	32			197	34				
11:30	194	27			225	21				
11:45	188	31	730	124	186	15	796	112	1526	236
Totals	4387	10091			5227	11676				
Combined Totals		14478				16903				
ADT										31381
AM Peak Hour	745	AM			730	AM				
Volume	1003				1430					
P.H.F.	0.804				0.803					
PM Peak Hour		515	PM			345	PM			
Volume		1416				2029				
P.H.F.		0.973				0.917				
Percentage	30.3%	69.7%			30.9%	69.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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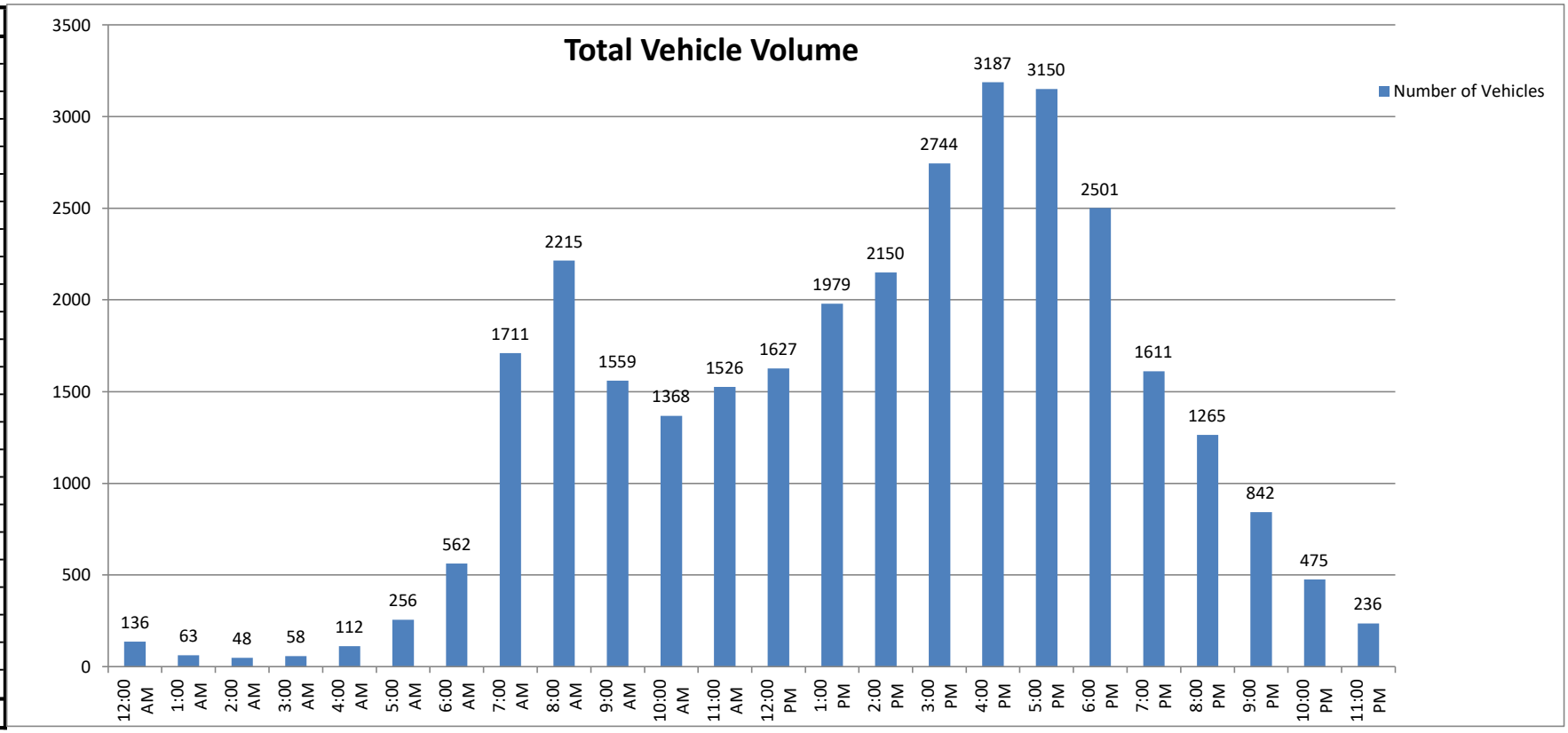
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Pueblo Norte - The Groves
3/13/2024

Start Time	3/13/2024
12:00 AM	136
1:00 AM	63
2:00 AM	48
3:00 AM	58
4:00 AM	112
5:00 AM	256
6:00 AM	562
7:00 AM	1711
8:00 AM	2215
9:00 AM	1559
10:00 AM	1368
11:00 AM	1526
12:00 PM	1627
1:00 PM	1979
2:00 PM	2150
3:00 PM	2744
4:00 PM	3187
5:00 PM	3150
6:00 PM	2501
7:00 PM	1611
8:00 PM	1265
9:00 PM	842
10:00 PM	475
11:00 PM	236
Total	31381



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Pueblo Norte - The Groves

File Name 203
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	205			19	226				
12:15	32	201			18	177				
12:30	26	202			17	174				
12:45	23	190	108	798	8	218	62	795	170	1593
1:00	27	186			11	200				
1:15	19	209			9	232				
1:30	18	200			6	199				
1:45	10	208	74	803	7	295	33	926	107	1729
2:00	11	215			4	279				
2:15	12	232			6	292				
2:30	7	250			8	376				
2:45	9	365	39	1062	3	360	21	1307	60	2369
3:00	6	292			5	389				
3:15	8	260			11	399				
3:30	13	265			4	417				
3:45	24	265	51	1082	9	480	29	1685	80	2767
4:00	7	243			11	438				
4:15	22	288			6	518				
4:30	26	293			4	445				
4:45	98	325	153	1149	14	470	35	1871	188	3020
5:00	99	292			15	403				
5:15	90	334			15	466				
5:30	69	339			19	481				
5:45	45	327	303	1292	31	402	80	1752	383	3044
6:00	61	309			27	341				
6:15	89	304			39	332				
6:30	72	294			51	264				
6:45	100	289	322	1196	81	268	198	1205	520	2401
7:00	88	259			115	207				
7:15	124	237			166	208				
7:30	153	220			278	183				
7:45	179	189	544	905	340	180	899	778	1443	1683
8:00	195	189			465	144				
8:15	301	189			399	125				
8:30	320	166			304	119				
8:45	224	169	1040	713	276	105	1444	493	2484	1206
9:00	201	152			241	90				
9:15	186	149			238	82				
9:30	146	125			193	69				
9:45	183	109	716	535	173	69	845	310	1561	845
10:00	153	100			194	79				
10:15	139	69			164	75				
10:30	168	73			181	60				
10:45	147	59	607	301	187	50	726	264	1333	565
11:00	163	63			204	34				
11:15	153	68			192	49				
11:30	166	53			203	43				
11:45	174	17	656	201	187	41	786	167	1442	368
Totals	4613	10037			5158	11553				
Combined Totals		14650				16711				
ADT										31361
AM Peak Hour	815	AM			745	AM				
Volume	1046				1508					
P.H.F.	0.817				0.811					
PM Peak Hour		515	PM			345	PM			
Volume		1309				1881				
P.H.F.		0.965				0.908				
Percentage	31.5%	68.5%			30.9%	69.1%				

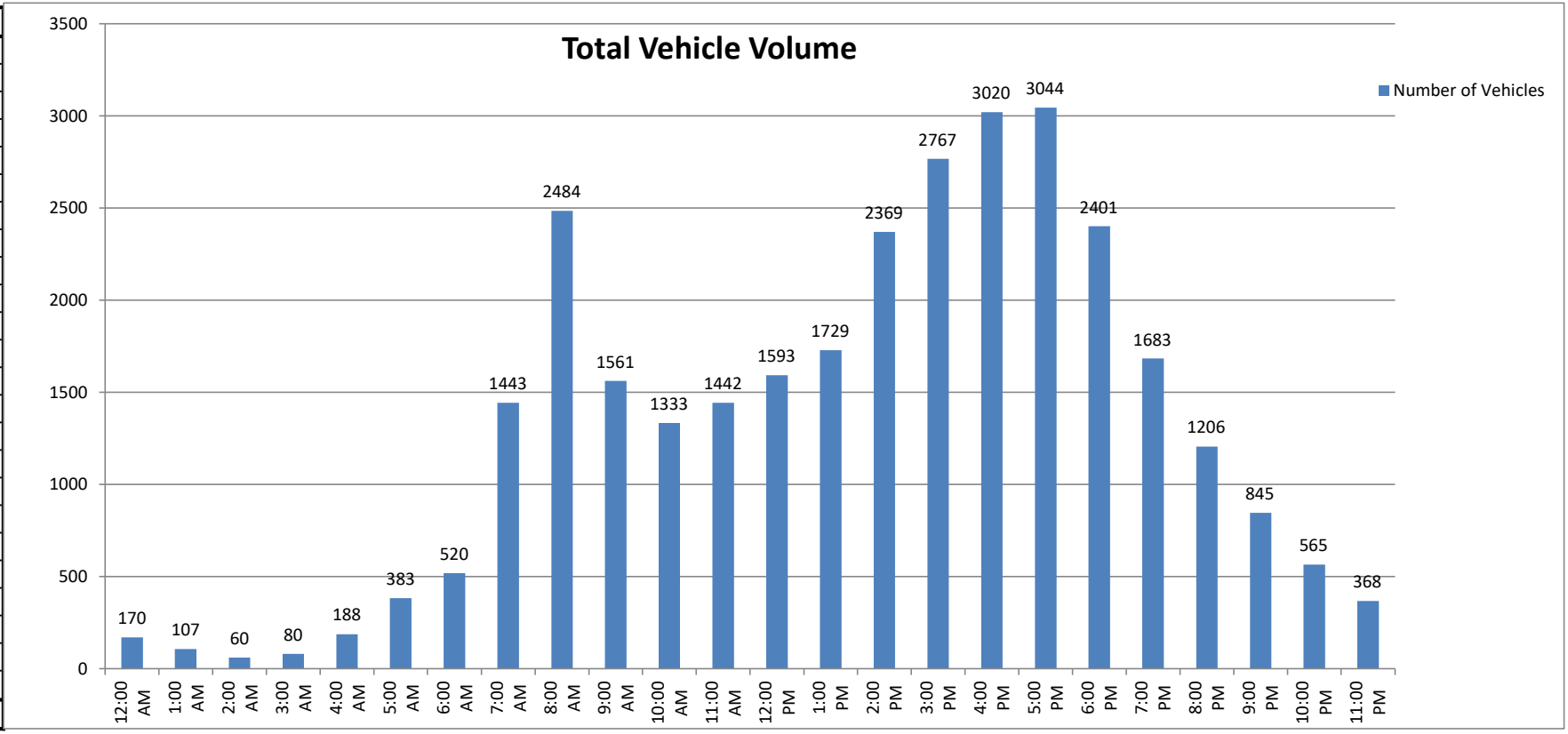
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Pueblo Norte - The Groves
3/14/2024

Start Time	3/14/2024
12:00 AM	170
1:00 AM	107
2:00 AM	60
3:00 AM	80
4:00 AM	188
5:00 AM	383
6:00 AM	520
7:00 AM	1443
8:00 AM	2484
9:00 AM	1561
10:00 AM	1333
11:00 AM	1442
12:00 PM	1593
1:00 PM	1729
2:00 PM	2369
3:00 PM	2767
4:00 PM	3020
5:00 PM	3044
6:00 PM	2401
7:00 PM	1683
8:00 PM	1206
9:00 PM	845
10:00 PM	565
11:00 PM	368
Total	31361



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Pueblo Norte - The Groves

File Name 203
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	195			19	210				
12:15	27	198			17	196				
12:30	23	199			15	181				
12:45	19	212	96	804	7	221	57	807	153	1610
1:00	19	203			12	207				
1:15	13	214			9	241				
1:30	14	218			6	233				
1:45	7	240	52	874	7	300	33	980	85	1854
2:00	9	226			3	265				
2:15	10	201			6	292				
2:30	9	243			8	350				
2:45	7	342	34	1011	4	343	20	1249	54	2260
3:00	7	277			4	368				
3:15	6	258			10	416				
3:30	11	264			6	402				
3:45	19	268	42	1066	8	505	27	1690	69	2756
4:00	8	258			9	458				
4:15	17	296			8	536				
4:30	27	305			6	457				
4:45	62	332	114	1191	15	463	36	1913	150	3104
5:00	59	286			16	416				
5:15	60	349			19	464				
5:30	55	351			23	483				
5:45	55	341	228	1327	35	408	92	1770	320	3097
6:00	57	322			30	336				
6:15	86	298			40	336				
6:30	81	292			58	282				
6:45	101	291	323	1201	91	297	218	1250	541	2451
7:00	90	257			104	205				
7:15	133	228			161	198				
7:30	157	218			316	174				
7:45	225	193	604	896	393	175	973	751	1577	1647
8:00	254	192			407	150				
8:15	260	194			341	127				
8:30	261	173			312	118				
8:45	218	178	992	737	299	105	1358	499	2350	1236
9:00	192	153			241	94				
9:15	190	138			216	94				
9:30	160	121			203	79				
9:45	168	100	709	511	193	66	852	333	1560	844
10:00	157	94			192	68				
10:15	152	67			171	67				
10:30	163	70			189	53				
10:45	143	55	614	285	186	48	737	235	1351	520
11:00	163	49			196	38				
11:15	169	50			195	42				
11:30	180	40			214	32				
11:45	181	24	693	163	187	28	791	140	1484	302
Totals	4500	10064			5193	11615				
Combined Totals		14564				16807				
ADT										31371
AM Peak Hour	745	AM			730	AM				
Volume	999				1456					
P.H.F.	0.957				0.894					
PM Peak Hour		515	PM			345	PM			
Volume		1363				1955				
P.H.F.		0.970				0.913				
Percentage	30.9%	69.1%			30.9%	69.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Ridge Valley - Bosque

File Name 207
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	190			19	183				
12:15	15	185			24	202				
12:30	21	228			17	224				
12:45	16	217	85	820	11	220	71	829	156	1649
1:00	6	204			8	186				
1:15	12	181			12	199				
1:30	7	262			5	238				
1:45	12	237	37	884	5	215	30	838	67	1722
2:00	9	262			6	217				
2:15	14	230			9	349				
2:30	9	199			2	379				
2:45	11	225	43	916	2	344	19	1289	62	2205
3:00	8	228			3	349				
3:15	12	263			9	280				
3:30	15	294			6	367				
3:45	11	264	46	1049	7	412	25	1408	71	2457
4:00	11	276			6	363				
4:15	24	292			8	328				
4:30	35	278			15	366				
4:45	35	261	105	1107	24	318	53	1375	158	2482
5:00	36	290			26	341				
5:15	52	322			30	349				
5:30	81	332			49	308				
5:45	110	317	279	1261	55	266	160	1264	439	2525
6:00	105	255			70	301				
6:15	127	299			54	262				
6:30	125	279			91	272				
6:45	190	274	547	1107	115	210	330	1045	877	2152
7:00	154	213			147	155				
7:15	210	228			245	191				
7:30	245	195			299	168				
7:45	307	194	916	830	325	133	1016	647	1932	1477
8:00	289	162			296	151				
8:15	444	176			323	131				
8:30	318	150			351	114				
8:45	236	176	1287	664	282	114	1252	510	2539	1174
9:00	214	168			223	93				
9:15	217	137			208	118				
9:30	172	110			206	110				
9:45	168	101	771	516	184	97	821	418	1592	934
10:00	158	115			186	96				
10:15	139	86			183	47				
10:30	159	71			169	48				
10:45	151	56	607	328	181	44	719	235	1326	563
11:00	140	36			180	40				
11:15	161	40			142	36				
11:30	159	46			176	31				
11:45	174	28	634	150	158	19	656	126	1290	276
Totals	5357	9632			5152	9984				
Combined Totals		14989				15136				
ADT										30125
AM Peak Hour	745	AM			745	AM				
Volume	1358				1295					
P.H.F.	0.765				0.922					
PM Peak Hour		500	PM			330	PM			
Volume		1261				1470				
P.H.F.		0.950				0.892				
Percentage	35.7%	64.3%			34.0%	66.0%				

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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

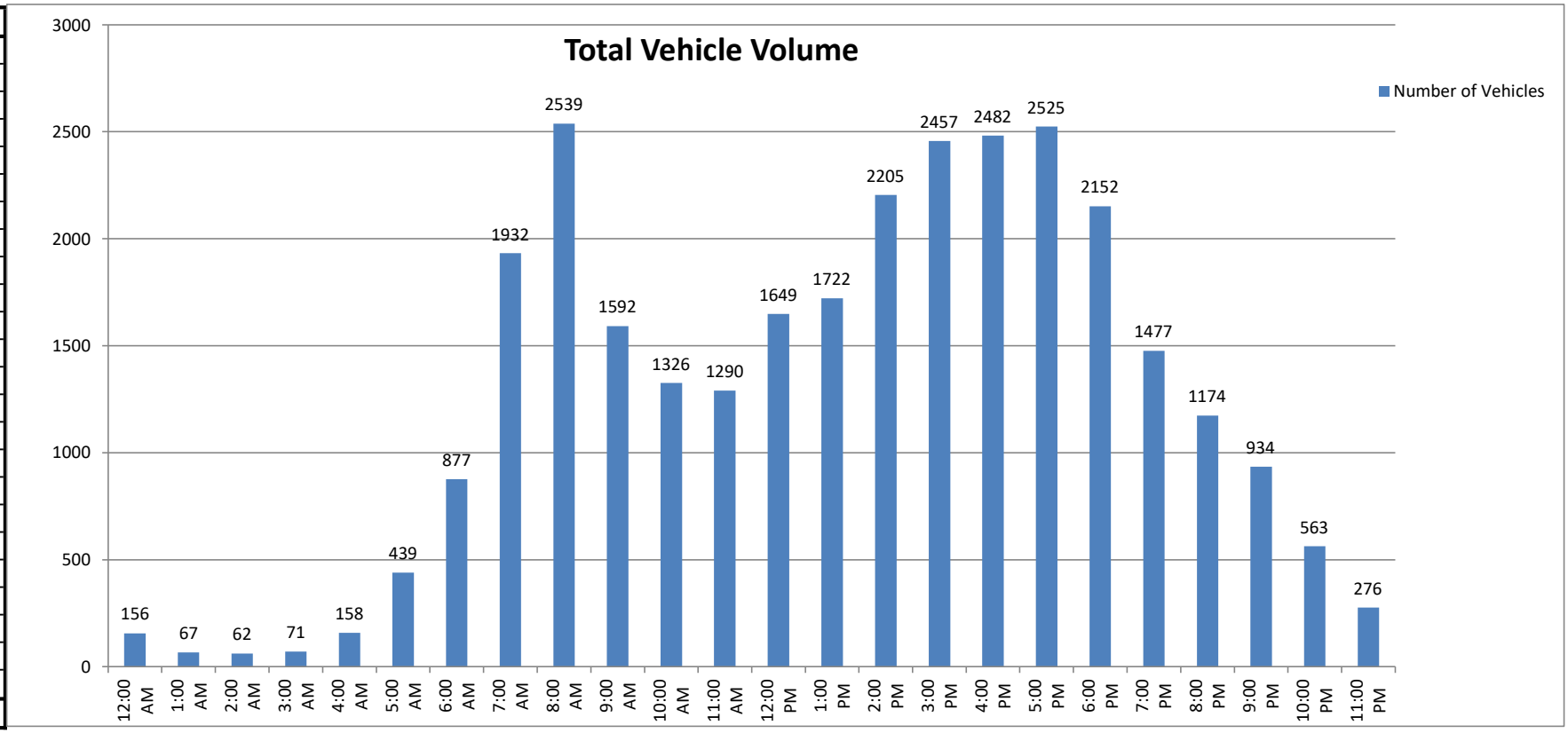
24 Hour Volume Plot

Irvine Boulevard

B/ Ridge Valley - Bosque

3/13/2024

Start Time	3/13/2024
12:00 AM	156
1:00 AM	67
2:00 AM	62
3:00 AM	71
4:00 AM	158
5:00 AM	439
6:00 AM	877
7:00 AM	1932
8:00 AM	2539
9:00 AM	1592
10:00 AM	1326
11:00 AM	1290
12:00 PM	1649
1:00 PM	1722
2:00 PM	2205
3:00 PM	2457
4:00 PM	2482
5:00 PM	2525
6:00 PM	2152
7:00 PM	1477
8:00 PM	1174
9:00 PM	934
10:00 PM	563
11:00 PM	276
Total	30125



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Ridge Valley - Bosque

File Name 207
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	157			25	187				
12:15	43	168			17	196				
12:30	33	186			16	194				
12:45	26	188	125	699	16	176	74	753	199	1452
1:00	16	177			14	178				
1:15	16	177			13	191				
1:30	20	189			5	204				
1:45	21	215	73	758	7	236	39	809	112	1567
2:00	10	229			5	206				
2:15	15	216			7	358				
2:30	5	193			1	377				
2:45	8	243	38	881	4	316	17	1257	55	2138
3:00	10	214			4	300				
3:15	8	305			9	315				
3:30	17	297			4	330				
3:45	32	282	67	1098	12	418	29	1363	96	2461
4:00	16	226			7	372				
4:15	25	238			8	357				
4:30	40	277			11	324				
4:45	76	260	157	1001	22	324	48	1377	205	2378
5:00	97	302			28	341				
5:15	91	284			29	360				
5:30	114	315			39	350				
5:45	101	327	403	1228	72	284	168	1335	571	2563
6:00	107	291			53	240				
6:15	130	285			49	292				
6:30	132	286			99	240				
6:45	189	264	558	1126	129	231	330	1003	888	2129
7:00	161	226			172	199				
7:15	194	242			236	165				
7:30	208	228			333	162				
7:45	316	215	879	911	294	159	1035	685	1914	1596
8:00	407	184			302	153				
8:15	377	199			315	142				
8:30	298	149			342	116				
8:45	243	181	1325	713	271	115	1230	526	2555	1239
9:00	239	164			219	115				
9:15	197	137			196	107				
9:30	186	130			212	99				
9:45	195	136	817	567	211	75	838	396	1655	963
10:00	169	93			186	100				
10:15	166	93			176	89				
10:30	157	72			195	71				
10:45	161	83	653	341	166	61	723	321	1376	662
11:00	146	49			174	63				
11:15	159	61			168	44				
11:30	159	46			185	44				
11:45	181	30	645	186	173	38	700	189	1345	375
Totals	5740	9509			5231	10014				
Combined Totals		15249				15245				
ADT										30494
AM Peak Hour	745	AM			745	AM				
Volume	1398				1253					
P.H.F.	0.859				0.916					
PM Peak Hour		500	PM			330	PM			
Volume		1228				1477				
P.H.F.		0.939				0.883				
Percentage	37.6%	62.4%			34.3%	65.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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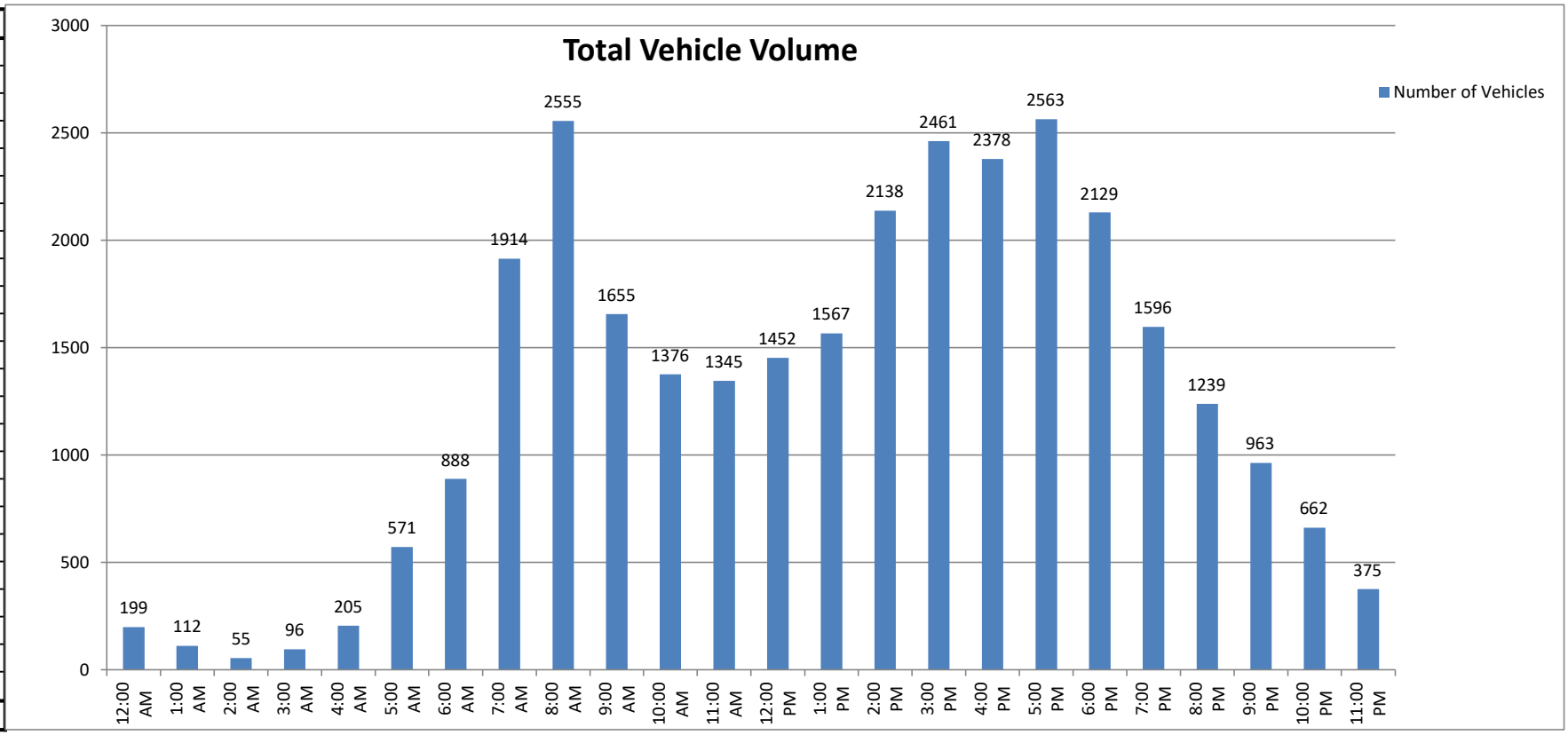
24 Hour Volume Plot

Irvine Boulevard

B/ Ridge Valley - Bosque

3/14/2024

Start Time	3/14/2024
12:00 AM	199
1:00 AM	112
2:00 AM	55
3:00 AM	96
4:00 AM	205
5:00 AM	571
6:00 AM	888
7:00 AM	1914
8:00 AM	2555
9:00 AM	1655
10:00 AM	1376
11:00 AM	1345
12:00 PM	1452
1:00 PM	1567
2:00 PM	2138
3:00 PM	2461
4:00 PM	2378
5:00 PM	2563
6:00 PM	2129
7:00 PM	1596
8:00 PM	1239
9:00 PM	963
10:00 PM	662
11:00 PM	375
Total	30494



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Ridge Valley - Bosque

File Name 207
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	174			22	185				
12:15	29	177			21	199				
12:30	27	207			17	209				
12:45	21	203	105	760	14	198	73	791	178	1551
1:00	11	191			11	182				
1:15	14	179			13	195				
1:30	14	226			5	221				
1:45	17	226	55	821	6	226	35	824	90	1645
2:00	10	246			6	212				
2:15	15	223			8	354				
2:30	7	196			2	378				
2:45	10	234	41	899	3	330	18	1273	59	2172
3:00	9	221			4	325				
3:15	10	284			9	298				
3:30	16	296			5	349				
3:45	22	273	57	1074	10	415	27	1386	84	2459
4:00	14	251			7	368				
4:15	25	265			8	343				
4:30	38	278			13	345				
4:45	56	261	131	1054	23	321	51	1376	182	2430
5:00	67	296			27	341				
5:15	72	303			30	355				
5:30	98	324			44	329				
5:45	106	322	341	1245	64	275	164	1300	505	2544
6:00	106	273			62	271				
6:15	129	292			52	277				
6:30	129	283			95	256				
6:45	190	269	553	1117	122	221	330	1024	883	2141
7:00	158	220			160	177				
7:15	202	235			241	178				
7:30	227	212			316	165				
7:45	312	205	898	871	310	146	1026	666	1923	1537
8:00	348	173			299	152				
8:15	411	188			319	137				
8:30	308	150			347	115				
8:45	240	179	1306	689	277	115	1241	518	2547	1207
9:00	227	166			221	104				
9:15	207	137			202	113				
9:30	179	120			209	105				
9:45	182	119	794	542	198	86	830	407	1624	949
10:00	164	104			186	98				
10:15	153	90			180	68				
10:30	158	72			182	60				
10:45	156	70	630	335	174	53	721	278	1351	613
11:00	143	43			177	52				
11:15	160	51			155	40				
11:30	159	46			181	38				
11:45	178	29	640	168	166	29	678	158	1318	326
Totals	5549	9571			5192	9999				
Combined Totals		15119				15191				
ADT										30310
AM Peak Hour	745	AM			745	AM				
Volume	1378				1274					
P.H.F.	0.839				0.919					
PM Peak Hour		500	PM			330	PM			
Volume		1245				1474				
P.H.F.		0.962				0.888				
Percentage	36.7%	63.3%			34.2%	65.8%				

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City of Irvine
Irvine Boulevard
B/ State Route 261 Northbound - Central Park Avenue

File Name 198
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	206			1	201				
12:15	19	251			8	182				
12:30	14	192			11	232				
12:45	3	232	42	881	14	209	34	824	76	1705
1:00	9	177			9	175				
1:15	6	219			3	239				
1:30	8	216			7	264				
1:45	4	192	27	804	4	298	23	976	50	1780
2:00	5	164			6	229				
2:15	3	223			4	259				
2:30	5	222			8	290				
2:45	3	176	16	785	2	346	20	1124	36	1909
3:00	2	211			3	389				
3:15	4	250			3	388				
3:30	11	280			4	428				
3:45	4	229	21	970	7	443	17	1648	38	2618
4:00	6	235			8	460				
4:15	12	260			4	485				
4:30	18	241			11	479				
4:45	21	294	57	1030	11	415	34	1839	91	2869
5:00	18	277			12	480				
5:15	23	304			29	433				
5:30	41	303			34	455				
5:45	50	285	132	1169	51	367	126	1735	258	2904
6:00	81	300			35	410				
6:15	78	255			56	305				
6:30	75	265			76	270				
6:45	81	246	315	1066	107	209	274	1194	589	2260
7:00	117	224			115	192				
7:15	147	205			156	175				
7:30	166	192			247	179				
7:45	198	196	628	817	282	157	800	703	1428	1520
8:00	223	139			380	138				
8:15	228	179			384	128				
8:30	206	78			327	121				
8:45	170	152	827	548	307	85	1398	472	2225	1020
9:00	125	118			187	90				
9:15	135	119			171	80				
9:30	133	110			229	70				
9:45	95	72	488	419	166	53	753	293	1241	712
10:00	134	54			164	53				
10:15	127	71			208	45				
10:30	128	55			160	47				
10:45	151	37	540	217	169	32	701	177	1241	394
11:00	158	42			182	24				
11:15	154	35			208	33				
11:30	165	30			229	19				
11:45	199	23	676	130	227	13	846	89	1522	219
Totals	3769	8836			5026	11074				
Combined Totals		12605				16100				
ADT										28705
AM Peak Hour	745	AM			800	AM				
Volume	855				1398					
P.H.F.	0.938				0.910					
PM Peak Hour		515	PM			345	PM			
Volume		1192				1867				
P.H.F.		0.980				0.962				
Percentage	29.9%	70.1%			31.2%	68.8%				

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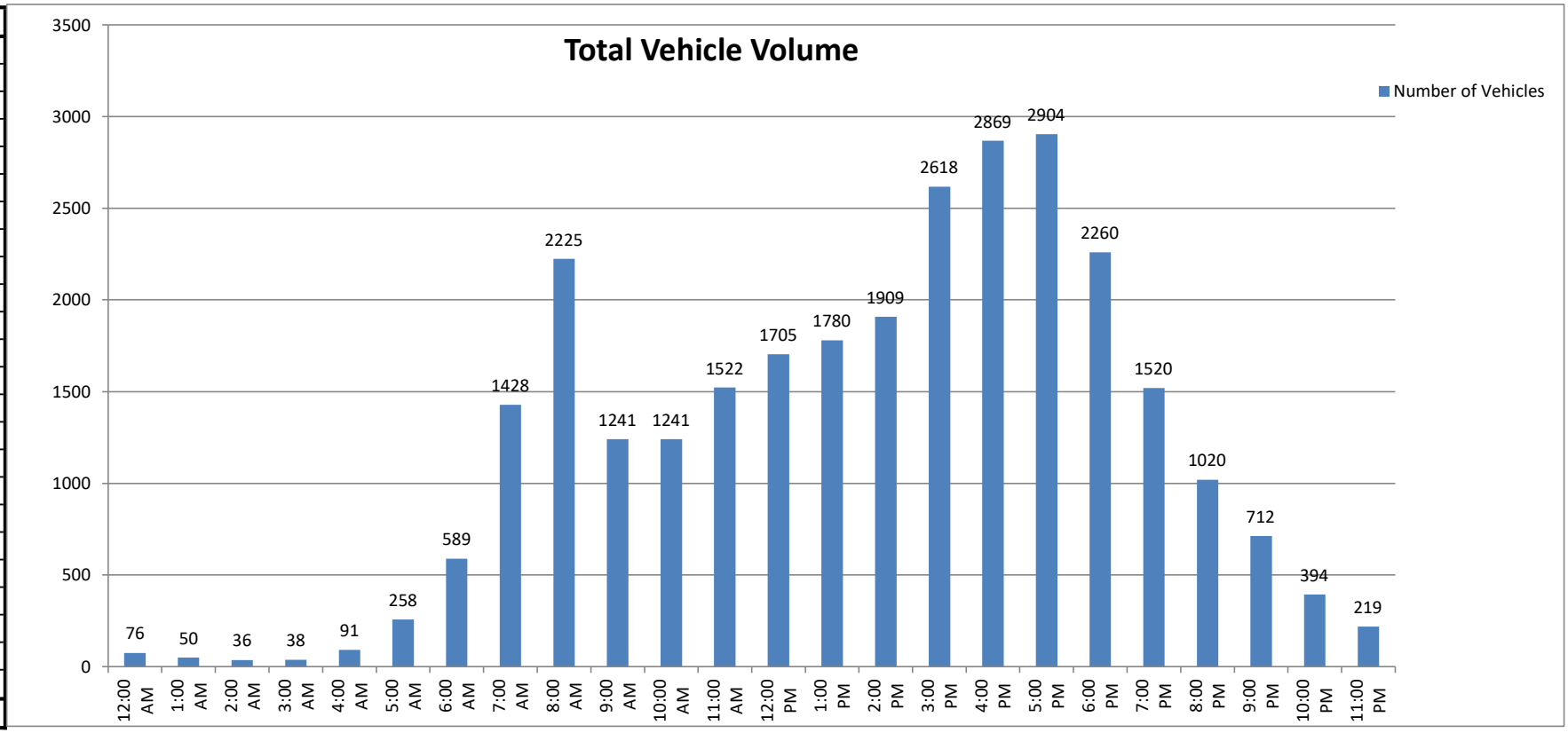
24 Hour Volume Plot

Irvine Boulevard

B/ State Route 261 Northbound - Central Park Avenue

5/1/2024

Start Time	5/1/2024
12:00 AM	76
1:00 AM	50
2:00 AM	36
3:00 AM	38
4:00 AM	91
5:00 AM	258
6:00 AM	589
7:00 AM	1428
8:00 AM	2225
9:00 AM	1241
10:00 AM	1241
11:00 AM	1522
12:00 PM	1705
1:00 PM	1780
2:00 PM	1909
3:00 PM	2618
4:00 PM	2869
5:00 PM	2904
6:00 PM	2260
7:00 PM	1520
8:00 PM	1020
9:00 PM	712
10:00 PM	394
11:00 PM	219
Total	28705



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ State Route 261 Northbound - Central Park Avenue

File Name 198
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	170			16	195				
12:15	14	169			12	166				
12:30	12	210			13	173				
12:45	5	193	44	742	12	177	53	711	97	1453
1:00	8	204			5	195				
1:15	7	190			4	197				
1:30	8	208			4	230				
1:45	4	225	27	827	7	213	20	835	47	1662
2:00	6	192			5	214				
2:15	7	204			7	187				
2:30	7	222			6	177				
2:45	6	301	26	919	5	190	23	768	49	1687
3:00	2	418			5	257				
3:15	5	374			6	250				
3:30	10	475			11	216				
3:45	5	456	22	1723	13	248	35	971	57	2694
4:00	13	554			8	287				
4:15	5	430			11	262				
4:30	7	538			27	256				
4:45	10	430	35	1952	25	232	71	1037	106	2989
5:00	14	550			23	291				
5:15	14	447			34	292				
5:30	23	513			43	287				
5:45	43	394	94	1904	58	299	158	1169	252	3073
6:00	31	435			65	263				
6:15	41	452			80	288				
6:30	52	372			93	229				
6:45	72	278	196	1537	93	234	331	1014	527	2551
7:00	79	200			123	244				
7:15	133	221			153	180				
7:30	170	168			193	204				
7:45	216	166	598	755	210	209	679	837	1277	1592
8:00	271	136			239	167				
8:15	265	106			266	134				
8:30	270	96			302	128				
8:45	193	121	999	459	187	129	994	558	1993	1017
9:00	190	94			163	112				
9:15	152	76			149	134				
9:30	146	99			151	121				
9:45	142	58	630	327	163	106	626	473	1256	800
10:00	149	58			139	57				
10:15	156	63			112	84				
10:30	127	43			128	57				
10:45	176	40	608	204	148	65	527	263	1135	467
11:00	144	33			149	33				
11:15	192	35			162	37				
11:30	159	24			185	30				
11:45	165	19	660	111	185	31	681	131	1341	242
Totals	3939	11460			4198	8767				
Combined Totals		15399				12965				
ADT										28364
AM Peak Hour	745	AM			745	AM				
Volume	1022				1017					
P.H.F.	0.943				0.842					
PM Peak Hour		345	PM			500	PM			
Volume		1978				1169				
P.H.F.		0.893				0.977				
Percentage	25.6%	74.4%			32.4%	67.6%				

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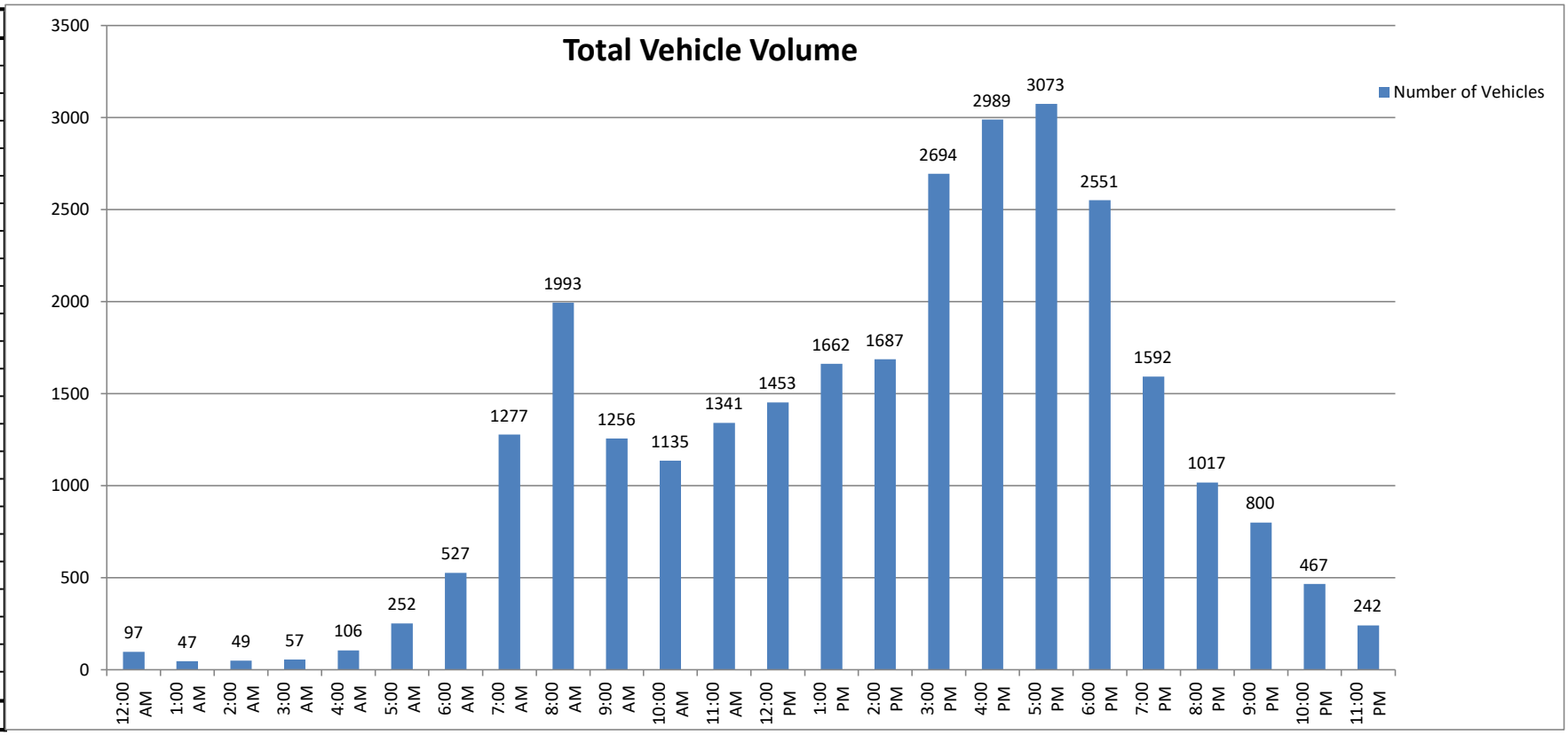
24 Hour Volume Plot

Irvine Boulevard

B/ State Route 261 Northbound - Central Park Avenue

5/2/2024

Start Time	5/2/2024
12:00 AM	97
1:00 AM	47
2:00 AM	49
3:00 AM	57
4:00 AM	106
5:00 AM	252
6:00 AM	527
7:00 AM	1277
8:00 AM	1993
9:00 AM	1256
10:00 AM	1135
11:00 AM	1341
12:00 PM	1453
1:00 PM	1662
2:00 PM	1687
3:00 PM	2694
4:00 PM	2989
5:00 PM	3073
6:00 PM	2551
7:00 PM	1592
8:00 PM	1017
9:00 PM	800
10:00 PM	467
11:00 PM	242
Total	28364



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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ State Route 261 Northbound - Central Park Avenue

File Name 198
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	188			9	198				
12:15	17	210			10	174				
12:30	13	201			12	203				
12:45	4	213	43	812	13	193	44	768	87	1579
1:00	9	191			7	185				
1:15	7	205			4	218				
1:30	8	212			6	247				
1:45	4	209	27	816	6	256	22	906	49	1721
2:00	6	178			6	222				
2:15	5	214			6	223				
2:30	6	222			7	234				
2:45	5	239	21	852	4	268	22	946	43	1798
3:00	2	315			4	323				
3:15	5	312			5	319				
3:30	11	378			8	322				
3:45	5	343	22	1347	10	346	26	1310	48	2656
4:00	10	395			8	374				
4:15	9	345			8	374				
4:30	13	390			19	368				
4:45	16	362	46	1491	18	324	53	1438	99	2929
5:00	16	414			18	386				
5:15	19	376			32	363				
5:30	32	408			39	371				
5:45	47	340	113	1537	55	333	142	1452	255	2989
6:00	56	368			50	337				
6:15	60	354			68	297				
6:30	64	319			85	250				
6:45	77	262	256	1302	100	222	303	1104	558	2406
7:00	98	212			119	218				
7:15	140	213			155	178				
7:30	168	180			220	192				
7:45	207	181	613	786	246	183	740	770	1353	1556
8:00	247	138			310	153				
8:15	247	143			325	131				
8:30	238	87			315	125				
8:45	182	137	913	504	247	107	1196	515	2109	1019
9:00	158	106			175	101				
9:15	144	98			160	107				
9:30	140	105			190	96				
9:45	119	65	559	373	165	80	690	383	1249	756
10:00	142	56			152	55				
10:15	142	67			160	65				
10:30	128	49			144	52				
10:45	164	39	574	211	159	49	614	220	1188	431
11:00	151	38			166	29				
11:15	173	35			185	35				
11:30	162	27			207	25				
11:45	182	21	668	121	206	22	764	110	1432	231
Totals	3854	10148			4612	9921				
Combined Totals		14002				14533				
ADT										28535
AM Peak Hour	745	AM			800	AM				
Volume	939				1196					
P.H.F.	0.950				0.920					
PM Peak Hour		445	PM			345	PM			
Volume		1559				1460				
P.H.F.		0.943				0.977				
Percentage	27.5%	72.5%			31.7%	68.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ SR-261 Southbound - SR-261 Northbound

File Name 197
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	191			30	220				
12:15	8	167			19	245				
12:30	9	210			11	225				
12:45	11	188	38	756	4	229	64	919	102	1675
1:00	10	186			15	192				
1:15	3	213			7	235				
1:30	6	260			14	193				
1:45	6	248	25	907	5	209	41	829	66	1736
2:00	8	278			6	187				
2:15	6	233			3	227				
2:30	2	216			6	194				
2:45	3	361	19	1088	2	179	17	787	36	1875
3:00	4	361			3	239				
3:15	3	404			7	236				
3:30	4	335			16	257				
3:45	7	482	18	1582	5	212	31	944	49	2526
4:00	9	405			6	235				
4:15	4	502			13	225				
4:30	10	416			20	236				
4:45	11	428	34	1751	20	280	59	976	93	2727
5:00	14	419			14	258				
5:15	31	453			18	290				
5:30	33	415			47	277				
5:45	62	399	140	1686	54	278	133	1103	273	2789
6:00	34	361			71	289				
6:15	53	339			76	250				
6:30	61	257			73	252				
6:45	95	236	243	1193	86	263	306	1054	549	2247
7:00	114	198			120	245				
7:15	141	184			146	219				
7:30	204	170			186	189				
7:45	269	158	728	710	207	194	659	847	1387	1557
8:00	317	148			218	172				
8:15	331	131			245	180				
8:30	255	123			226	183				
8:45	262	75	1165	477	187	144	876	679	2041	1156
9:00	169	146			126	136				
9:15	161	132			158	109				
9:30	177	123			124	122				
9:45	164	87	671	488	121	79	529	446	1200	934
10:00	144	106			138	64				
10:15	169	74			134	80				
10:30	155	46			134	56				
10:45	145	29	613	255	170	52	576	252	1189	507
11:00	180	23			152	48				
11:15	175	34			166	39				
11:30	228	30			165	29				
11:45	213	16	796	103	207	25	690	141	1486	244
Totals	4490	10996			3981	8977				
Combined Totals		15486				12958				
ADT										28444
AM Peak Hour	745	AM			745	AM				
Volume	1172				896					
P.H.F.	0.885				0.914					
PM Peak Hour		345	PM			515	PM			
Volume		1805				1134				
P.H.F.		0.899				0.978				
Percentage	29.0%	71.0%			30.7%	69.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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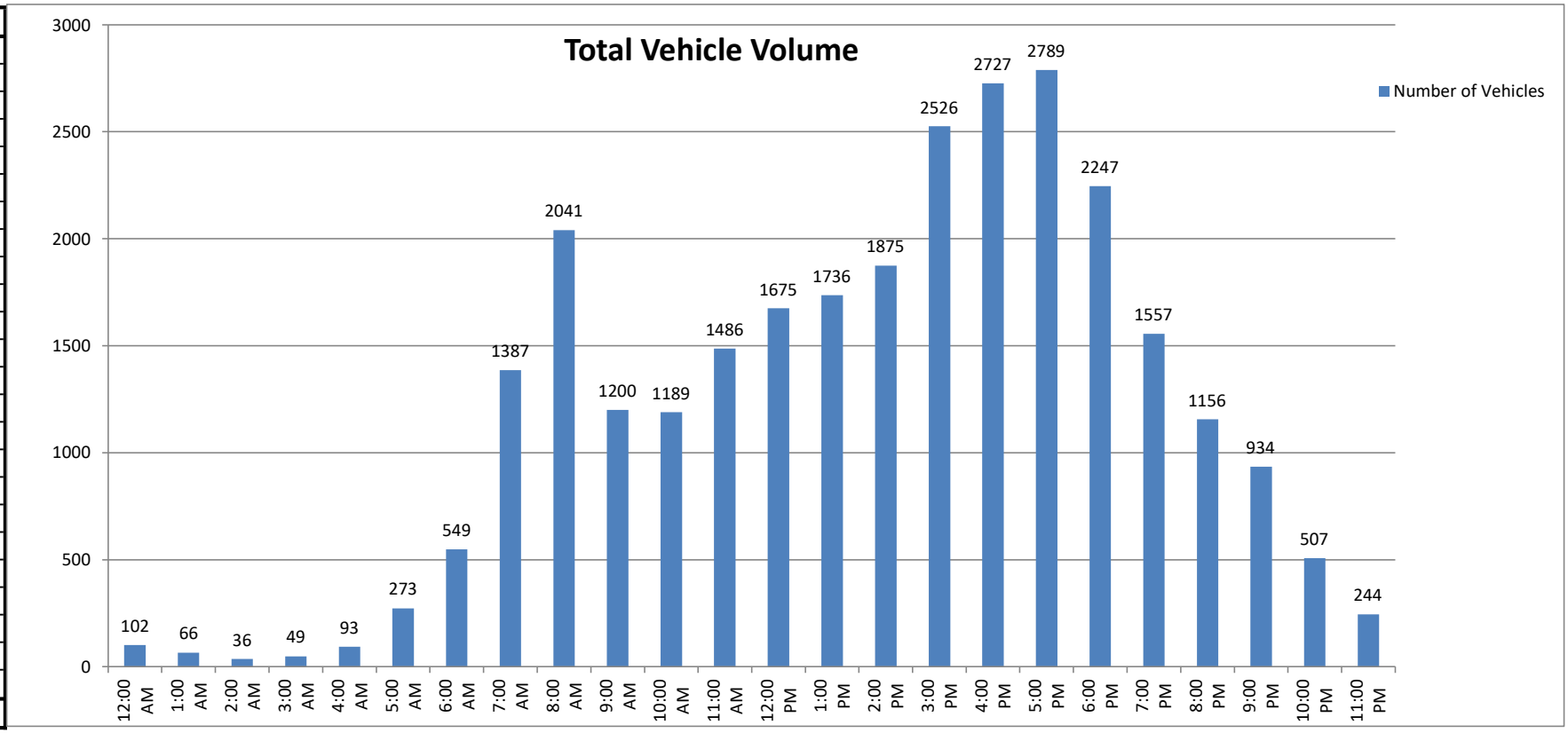
24 Hour Volume Plot

Irvine Boulevard

B/ SR-261 Southbound - SR-261 Northbound

5/1/2024

Start Time	5/1/2024
12:00 AM	102
1:00 AM	66
2:00 AM	36
3:00 AM	49
4:00 AM	93
5:00 AM	273
6:00 AM	549
7:00 AM	1387
8:00 AM	2041
9:00 AM	1200
10:00 AM	1189
11:00 AM	1486
12:00 PM	1675
1:00 PM	1736
2:00 PM	1875
3:00 PM	2526
4:00 PM	2727
5:00 PM	2789
6:00 PM	2247
7:00 PM	1557
8:00 PM	1156
9:00 PM	934
10:00 PM	507
11:00 PM	244
Total	28444



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ SR-261 Southbound - SR-261 Northbound

File Name 197
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	228			13	171				
12:15	10	179			16	191				
12:30	22	186			8	224				
12:45	12	196	68	789	4	191	41	777	109	1566
1:00	8	199			7	191				
1:15	7	251			6	199				
1:30	9	235			8	216				
1:45	8	247	32	932	4	222	25	828	57	1760
2:00	10	200			4	218				
2:15	7	201			5	208				
2:30	7	220			8	267				
2:45	4	223	28	844	4	279	21	972	49	1816
3:00	5	216			4	415				
3:15	6	248			7	419				
3:30	9	240			8	453				
3:45	13	267	33	971	5	530	24	1817	57	2788
4:00	23	281			10	497				
4:15	13	251			6	520				
4:30	25	243			11	517				
4:45	22	204	83	979	12	525	39	2059	122	3038
5:00	21	293			14	512				
5:15	28	275			26	493				
5:30	46	269			37	479				
5:45	51	301	146	1138	51	456	128	1940	274	3078
6:00	67	284			32	421				
6:15	78	278			71	515				
6:30	92	238			63	370				
6:45	82	253	319	1053	80	300	246	1606	565	2659
7:00	98	259			115	232				
7:15	138	226			179	215				
7:30	149	207			221	186				
7:45	223	245	608	937	298	169	813	802	1421	1739
8:00	189	199			336	132				
8:15	242	195			350	112				
8:30	225	164			323	105				
8:45	178	161	834	719	272	98	1281	447	2115	1166
9:00	148	140			213	95				
9:15	144	133			175	74				
9:30	123	151			169	98				
9:45	153	111	568	535	191	83	748	350	1316	885
10:00	147	90			177	54				
10:15	109	88			170	53				
10:30	136	72			144	34				
10:45	153	83	545	333	160	25	651	166	1196	499
11:00	151	50			181	28				
11:15	179	39			197	26				
11:30	184	42			180	18				
11:45	198	32	712	163	186	16	744	88	1456	251
Totals	3976	9393			4761	11852				
Combined Totals		13369				16613				
ADT										29982
AM Peak Hour	745	AM			745	AM				
Volume	879				1307					
P.H.F.	0.908				0.934					
PM Peak Hour		500	PM			415	PM			
Volume		1138				2074				
P.H.F.		0.945				0.988				
Percentage	29.7%	70.3%			28.7%	71.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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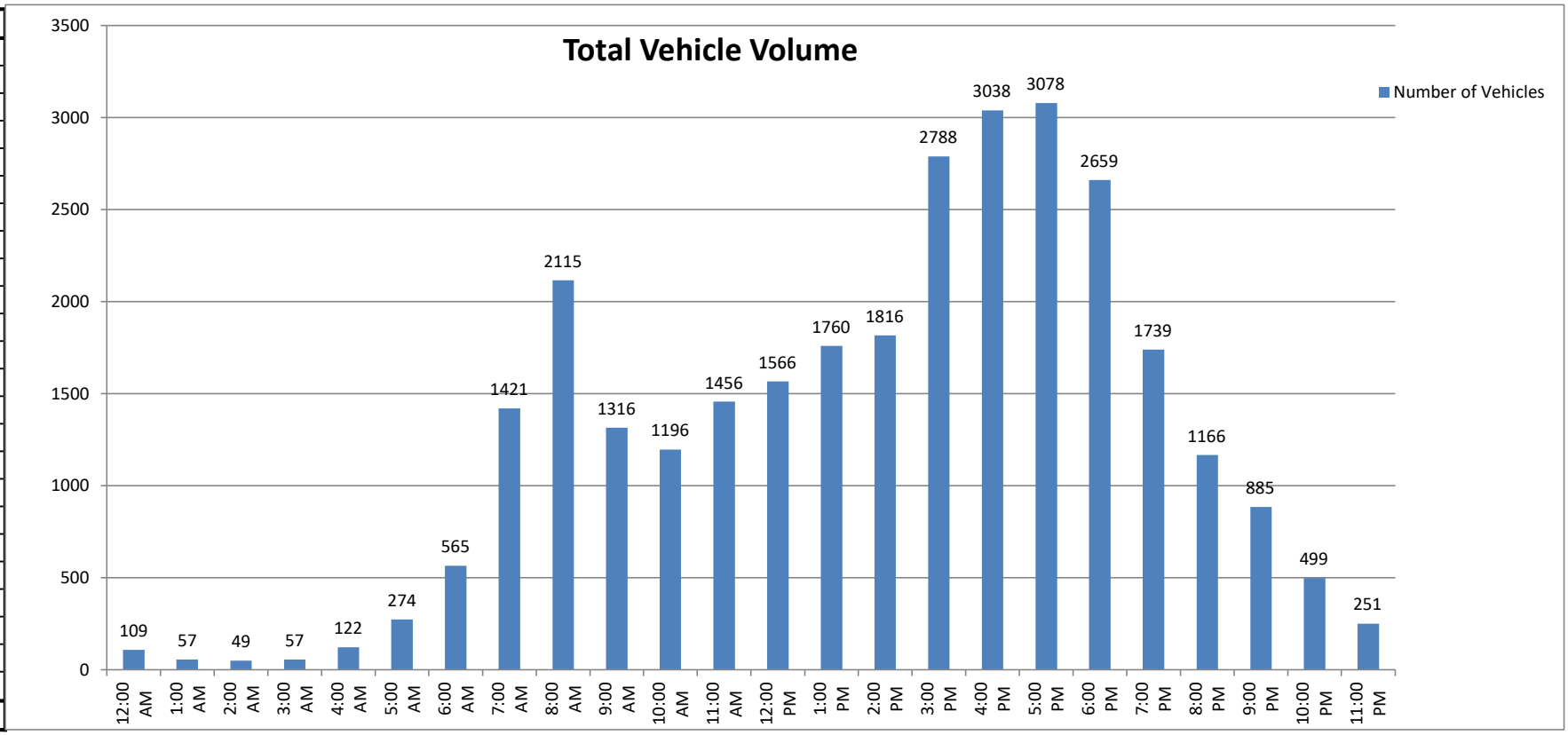
24 Hour Volume Plot

Irvine Boulevard

B/ SR-261 Southbound - SR-261 Northbound

5/2/2024

Start Time	5/2/2024
12:00 AM	109
1:00 AM	57
2:00 AM	49
3:00 AM	57
4:00 AM	122
5:00 AM	274
6:00 AM	565
7:00 AM	1421
8:00 AM	2115
9:00 AM	1316
10:00 AM	1196
11:00 AM	1456
12:00 PM	1566
1:00 PM	1760
2:00 PM	1816
3:00 PM	2788
4:00 PM	3038
5:00 PM	3078
6:00 PM	2659
7:00 PM	1739
8:00 PM	1166
9:00 PM	885
10:00 PM	499
11:00 PM	251
Total	29982



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ SR-261 Southbound - SR-261 Northbound

File Name 197
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	210			22	196				
12:15	9	173			18	218				
12:30	16	198			10	225				
12:45	12	192	53	773	4	210	53	848	106	1621
1:00	9	193			11	192				
1:15	5	232			7	217				
1:30	8	248			11	205				
1:45	7	248	29	920	5	216	33	829	62	1748
2:00	9	239			5	203				
2:15	7	217			4	218				
2:30	5	218			7	231				
2:45	4	292	24	966	3	229	19	880	43	1846
3:00	5	289			4	327				
3:15	5	326			7	328				
3:30	7	288			12	355				
3:45	10	375	26	1277	5	371	28	1381	53	2657
4:00	16	343			8	366				
4:15	9	377			10	373				
4:30	18	330			16	377				
4:45	17	316	59	1365	16	403	49	1518	108	2883
5:00	18	356			14	385				
5:15	30	364			22	392				
5:30	40	342			42	378				
5:45	57	350	143	1412	53	367	131	1522	274	2934
6:00	51	323			52	355				
6:15	66	309			74	383				
6:30	77	248			68	311				
6:45	89	245	281	1123	83	282	276	1330	557	2453
7:00	106	229			118	239				
7:15	140	205			163	217				
7:30	177	189			204	188				
7:45	246	202	668	824	253	182	736	825	1404	1648
8:00	253	174			277	152				
8:15	287	163			298	146				
8:30	240	144			275	144				
8:45	220	118	1000	598	230	121	1079	563	2078	1161
9:00	159	143			170	116				
9:15	153	133			167	92				
9:30	150	137			147	110				
9:45	159	99	620	512	156	81	639	398	1258	910
10:00	146	98			158	59				
10:15	139	81			152	67				
10:30	146	59			139	45				
10:45	149	56	579	294	165	39	614	209	1193	503
11:00	166	37			167	38				
11:15	177	37			182	33				
11:30	206	36			173	24				
11:45	206	24	754	133	197	21	717	115	1471	248
Totals	4233	10195			4371	10415				
Combined Totals		14428				14786				
ADT										29213
AM Peak Hour	745	AM			745	AM				
Volume	1026				1102					
P.H.F.	0.895				0.926					
PM Peak Hour		345	PM			445	PM			
Volume		1424				1557				
P.H.F.		0.945				0.967				
Percentage	29.3%	70.7%			29.6%	70.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ The Groves - Jeffrey Road

File Name 204
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	158			17	168				
12:15	16	157			12	198				
12:30	19	189			12	168				
12:45	7	192	66	696	7	194	48	728	114	1424
1:00	6	180			6	191				
1:15	6	168			10	202				
1:30	5	205			6	213				
1:45	4	220	21	773	6	290	28	896	49	1669
2:00	7	205			1	218				
2:15	6	154			5	258				
2:30	7	172			7	287				
2:45	5	252	25	783	6	287	19	1050	44	1833
3:00	4	220			3	286				
3:15	2	213			8	394				
3:30	9	226			5	334				
3:45	12	212	27	871	4	486	20	1500	47	2371
4:00	9	224			4	425				
4:15	13	239			3	531				
4:30	31	261			5	410				
4:45	26	277	79	1001	13	448	25	1814	104	2815
5:00	19	238			9	369				
5:15	26	279			17	456				
5:30	41	299			25	425				
5:45	64	269	150	1085	28	404	79	1654	229	2739
6:00	48	289			20	271				
6:15	79	241			32	317				
6:30	82	233			55	258				
6:45	100	255	309	1018	78	290	185	1136	494	2154
7:00	86	202			74	191				
7:15	131	176			125	164				
7:30	161	172			282	142				
7:45	212	156	590	706	340	161	821	658	1411	1364
8:00	246	150			264	141				
8:15	197	157			241	111				
8:30	193	137			257	107				
8:45	197	145	833	589	259	95	1021	454	1854	1043
9:00	180	120			198	86				
9:15	181	82			168	106				
9:30	161	93			174	79				
9:45	127	67	649	362	167	61	707	332	1356	694
10:00	143	63			151	59				
10:15	154	47			146	53				
10:30	149	48			182	47				
10:45	115	39	561	197	177	39	656	198	1217	395
11:00	153	26			173	38				
11:15	153	28			169	40				
11:30	151	18			192	21				
11:45	173	19	630	91	156	12	690	111	1320	202
Totals	3940	8172			4299	10531				
Combined Totals		12112				14830				
ADT										26942
AM Peak Hour	745	AM			730	AM				
Volume	848				1127					
P.H.F.	0.862				0.829					
PM Peak Hour		515	PM			345	PM			
Volume		1136				1852				
P.H.F.		0.950				0.872				
Percentage	32.5%	67.5%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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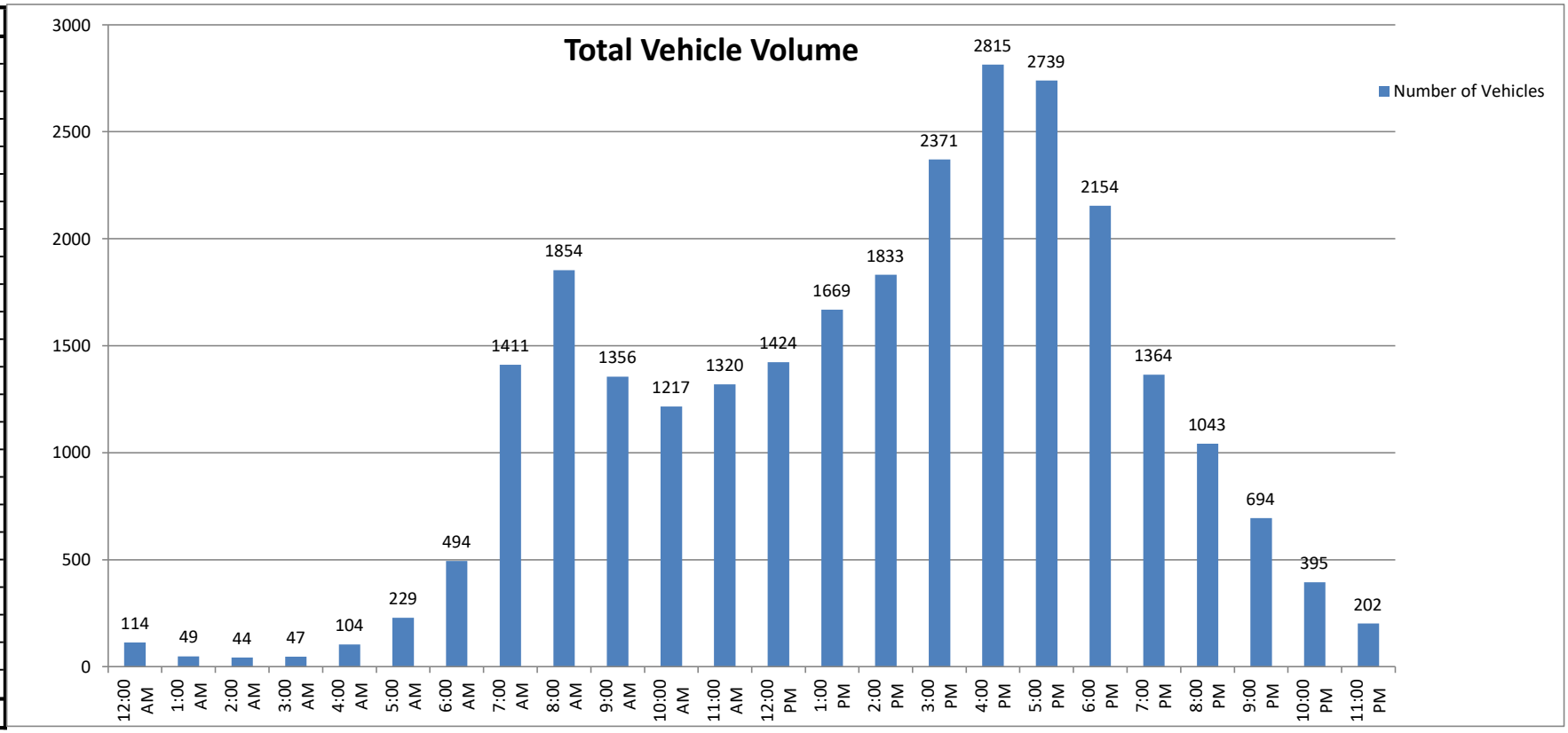
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ The Groves - Jeffrey Road

3/13/2024

Start Time	3/13/2024
12:00 AM	114
1:00 AM	49
2:00 AM	44
3:00 AM	47
4:00 AM	104
5:00 AM	229
6:00 AM	494
7:00 AM	1411
8:00 AM	1854
9:00 AM	1356
10:00 AM	1217
11:00 AM	1320
12:00 PM	1424
1:00 PM	1669
2:00 PM	1833
3:00 PM	2371
4:00 PM	2815
5:00 PM	2739
6:00 PM	2154
7:00 PM	1364
8:00 PM	1043
9:00 PM	694
10:00 PM	395
11:00 PM	202
Total	26942



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ The Groves - Jeffrey Road

File Name 204
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	174			16	192				
12:15	29	152			18	165				
12:30	22	176			14	170				
12:45	19	162	92	664	7	187	55	714	147	1378
1:00	23	163			10	172				
1:15	17	165			7	202				
1:30	14	195			7	173				
1:45	8	179	62	702	4	268	28	815	90	1517
2:00	7	191			4	227				
2:15	10	184			6	270				
2:30	6	203			6	286				
2:45	8	274	31	852	2	308	18	1091	49	1943
3:00	4	239			6	335				
3:15	5	223			10	370				
3:30	13	224			2	342				
3:45	26	223	48	909	5	443	23	1490	71	2399
4:00	6	199			7	380				
4:15	21	226			4	493				
4:30	23	248			2	397				
4:45	98	255	148	928	13	440	26	1710	174	2638
5:00	94	238			10	354				
5:15	93	274			17	452				
5:30	67	286			12	409				
5:45	52	259	306	1057	24	389	63	1604	369	2661
6:00	59	243			22	299				
6:15	89	258			27	301				
6:30	77	258			43	242				
6:45	99	227	324	986	73	261	165	1103	489	2089
7:00	90	193			95	172				
7:15	129	189			135	191				
7:30	143	178			224	165				
7:45	161	148	523	708	262	182	716	710	1239	1418
8:00	176	153			361	106				
8:15	248	139			312	130				
8:30	256	134			257	109				
8:45	206	137	886	563	234	101	1164	446	2050	1009
9:00	183	126			191	76				
9:15	173	108			198	88				
9:30	151	94			170	71				
9:45	152	83	659	411	159	64	718	299	1377	710
10:00	156	72			126	69				
10:15	139	55			160	75				
10:30	149	58			156	60				
10:45	121	45	565	230	180	42	622	246	1187	476
11:00	141	50			154	35				
11:15	134	56			169	49				
11:30	134	31			179	40				
11:45	140	17	549	154	164	36	666	160	1215	314
Totals	4193	8164			4264	10388				
Combined Totals		12357				14652				
ADT										27009
AM Peak Hour	815	AM			745	AM				
Volume	893				1192					
P.H.F.	0.872				0.825					
PM Peak Hour		515	PM			345	PM			
Volume		1062				1713				
P.H.F.		0.928				0.869				
Percentage	33.9%	66.1%			29.1%	70.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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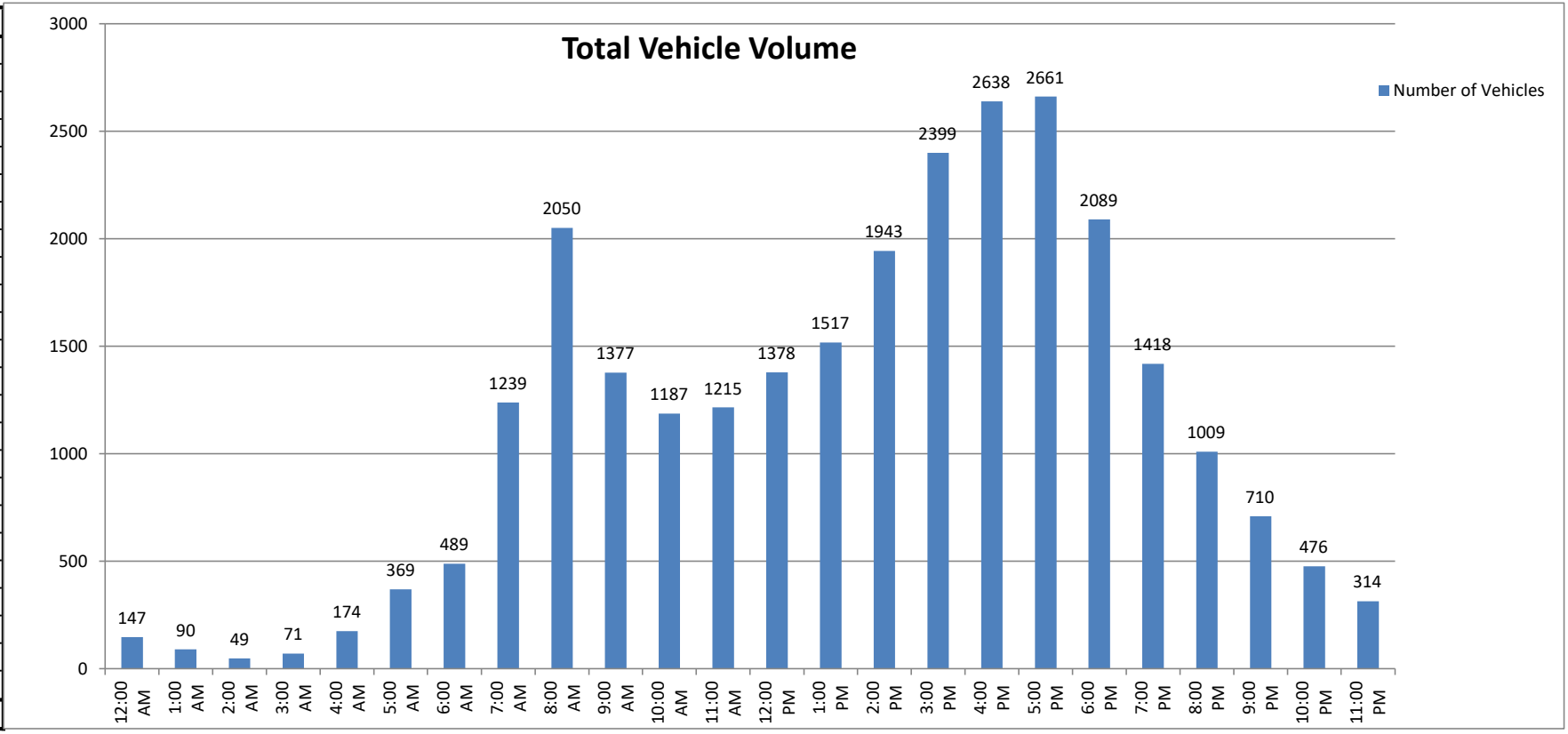
24 Hour Volume Plot

Irvine Boulevard
B/ The Groves - Jeffrey Road

3/14/2024

Start Time	3/14/2024
12:00 AM	147
1:00 AM	90
2:00 AM	49
3:00 AM	71
4:00 AM	174
5:00 AM	369
6:00 AM	489
7:00 AM	1239
8:00 AM	2050
9:00 AM	1377
10:00 AM	1187
11:00 AM	1215
12:00 PM	1378
1:00 PM	1517
2:00 PM	1943
3:00 PM	2399
4:00 PM	2638
5:00 PM	2661
6:00 PM	2089
7:00 PM	1418
8:00 PM	1009
9:00 PM	710
10:00 PM	476
11:00 PM	314
Total	27009



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Irvine Boulevard
B/ The Groves - Jeffrey Road

File Name 204
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	166			17	180				
12:15	23	155			15	182				
12:30	21	183			13	169				
12:45	13	177	79	680	7	191	52	721	131	1401
1:00	15	172			8	182				
1:15	12	167			9	202				
1:30	10	200			7	193				
1:45	6	200	42	738	5	279	28	856	70	1593
2:00	7	198			3	223				
2:15	8	169			6	264				
2:30	7	188			7	287				
2:45	7	263	28	818	4	298	19	1071	47	1888
3:00	4	230			5	311				
3:15	4	218			9	382				
3:30	11	225			4	338				
3:45	19	218	38	890	5	465	22	1495	59	2385
4:00	8	212			6	403				
4:15	17	233			4	512				
4:30	27	255			4	404				
4:45	62	266	114	965	13	444	26	1762	139	2727
5:00	57	238			10	362				
5:15	60	277			17	454				
5:30	54	293			19	417				
5:45	58	264	228	1071	26	397	71	1629	299	2700
6:00	54	266			21	285				
6:15	84	250			30	309				
6:30	80	246			49	250				
6:45	100	241	317	1002	76	276	175	1120	492	2122
7:00	88	198			85	182				
7:15	130	183			130	178				
7:30	152	175			253	154				
7:45	187	152	557	707	301	172	769	684	1325	1391
8:00	211	152			313	124				
8:15	223	148			277	121				
8:30	225	136			257	108				
8:45	202	141	860	576	247	98	1093	450	1952	1026
9:00	182	123			195	81				
9:15	177	95			183	97				
9:30	156	94			172	75				
9:45	140	75	654	387	163	63	713	316	1367	702
10:00	150	68			139	64				
10:15	147	51			153	64				
10:30	149	53			169	54				
10:45	118	42	563	214	179	41	639	222	1202	436
11:00	147	38			164	37				
11:15	144	42			169	45				
11:30	143	25			186	31				
11:45	157	18	590	123	160	24	678	136	1268	258
Totals	4067	8168			4282	10460				
Combined Totals		12235				14741				
ADT										26976
AM Peak Hour	800	AM			745	AM				
Volume	860				1147					
P.H.F.	0.957				0.918					
PM Peak Hour		515	PM			345	PM			
Volume		1099				1783				
P.H.F.		0.939				0.870				
Percentage	33.2%	66.8%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
W/ Alton Parkway
24 Hour Directional Volume Count

IRV056
Site Code: 051-24139

Start Time	5/8/2024 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		24	201			34	209				
12:15		18	273			16	182				
12:30		22	177			34	248				
12:45		12	216	76	867	18	211	102	850	178	1717
01:00		6	248			14	217				
01:15		8	229			10	194				
01:30		10	251			9	203				
01:45		12	235	36	963	13	228	46	842	82	1805
02:00		10	238			10	246				
02:15		1	258			12	262				
02:30		8	**350**			8	334				
02:45		9	**326**	28	1172	10	258	40	1100	68	2272
03:00		10	**295**			5	350				
03:15		8	**267**			9	324				
03:30		24	288			16	400				
03:45		28	278	70	1128	15	389	45	1463	115	2591
04:00		22	200			12	426				
04:15		28	263			12	358				
04:30		41	232			8	405				
04:45		64	272	155	967	24	408	56	1597	211	2564
05:00		29	277			22	**474**				
05:15		44	220			26	**468**				
05:30		92	278			71	**433**				
05:45		134	240	299	1015	104	**414**	223	1789	522	2804
06:00		116	278			88	361				
06:15		199	308			143	333				
06:30		169	288			120	295				
06:45		241	244	725	1118	130	233	481	1222	1206	2340
07:00		222	162			106	282				
07:15		303	270			166	264				
07:30		330	230			**229**	202				
07:45		**420**	221	1275	883	**211**	224	712	972	1987	1855
08:00		**380**	169			**184**	196				
08:15		**364**	189			**183**	168				
08:30		**405**	147			196	182				
08:45		381	138	1530	643	202	146	765	692	2295	1335
09:00		309	123			170	148				
09:15		286	114			157	131				
09:30		266	108			141	138				
09:45		258	82	1119	427	159	104	627	521	1746	948
10:00		258	66			128	122				
10:15		186	78			138	96				
10:30		212	50			159	65				
10:45		194	56	850	250	154	62	579	345	1429	595
11:00		196	34			172	60				
11:15		184	34			154	55				
11:30		208	21			178	36				
11:45		195	24	783	113	196	26	700	177	1483	290
Total		6946	9546	6946	9546	4376	11570	4376	11570	11322	21116
Combined Total		16492		16492		15946		15946		32438	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1569	-	-	-	807	-	-	-	-	-
P.H.F.		0.934				0.881					
PM Peak	-	-	02:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	1238	-	-	-	1789	-	-	-	-
P.H.F.			0.884				0.944				
Percentage		42.1%	57.9%			27.4%	72.6%				
ADT/AADT		ADT 32,438		AADT 32,438							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Irvine Boulevard
W/ Jamboree Road
24 Hour Directional Volume Count

TUS047
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	199			17	196				
12:15		13	196			7	162				
12:30		9	193			14	185				
12:45		3	215	45	803	3	178	41	721	86	1524
01:00		5	216			5	178				
01:15		4	208			3	191				
01:30		1	218			4	243				
01:45		2	184	12	826	7	266	19	878	31	1704
02:00		2	191			4	259				
02:15		7	209			2	274				
02:30		3	195			3	274				
02:45		5	217	17	812	3	314	12	1121	29	1933
03:00		5	220			5	420				
03:15		5	224			2	387				
03:30		6	247			4	414				
03:45		5	265	21	956	7	**450**	18	1671	39	2627
04:00		5	225			5	**413**				
04:15		19	256			2	**394**				
04:30		20	**294**			15	**469**				
04:45		27	**288**	71	1063	11	408	33	1684	104	2747
05:00		16	**266**			11	395				
05:15		35	**279**			9	449				
05:30		40	266			20	389				
05:45		59	294	150	1105	29	389	69	1622	219	2727
06:00		58	267			24	364				
06:15		74	274			40	266				
06:30		89	234			51	250				
06:45		89	260	310	1035	67	247	182	1127	492	2162
07:00		132	184			83	179				
07:15		173	175			155	199				
07:30		162	167			168	147				
07:45		**246**	178	713	704	243	174	649	699	1362	1403
08:00		**273**	163			**308**	134				
08:15		**247**	129			**240**	90				
08:30		**223**	142			**266**	123				
08:45		173	93	916	527	**265**	111	1079	458	1995	985
09:00		125	104			158	95				
09:15		140	88			138	86				
09:30		137	67			125	62				
09:45		118	68	520	327	135	71	556	314	1076	641
10:00		133	50			117	61				
10:15		133	44			119	62				
10:30		133	40			151	55				
10:45		126	44	525	178	157	66	544	244	1069	422
11:00		146	34			123	25				
11:15		159	33			150	21				
11:30		185	11			153	17				
11:45		197	10	687	88	156	19	582	82	1269	170
Total		3987	8424	3987	8424	3784	10621	3784	10621	7771	19045
Combined Total		12411		12411		14405		14405		26816	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	989	-	-	-	1079	-	-	-	-	-
P.H.F.		0.906				0.876					
PM Peak	-	-	04:30	-	-	-	03:45	-	-	-	-
Vol.	-	-	1127	-	-	-	1726	-	-	-	-
P.H.F.			0.958				0.920				
Percentage		32.1%	67.9%			26.3%	73.7%				
ADT/AADT		ADT 26,816		AADT 26,816							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
W/ Ridge Valley
24 Hour Directional Volume Count

IRV052
Site Code: 051-24139

Start Time	5/14/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		37	346			36	284				
12:15		33	317			11	312				
12:30		39	362			18	332				
12:45		32	352	141	1377	9	321	74	1249	215	2626
01:00		13	346			3	263				
01:15		17	287			11	288				
01:30		16	308			5	331				
01:45		17	355	63	1296	8	344	27	1226	90	2522
02:00		11	428			8	328				
02:15		11	426			7	442				
02:30		15	388			3	549				
02:45		20	450	57	1692	7	513	25	1832	82	3524
03:00		7	515			10	464				
03:15		9	522			4	545				
03:30		15	498			8	**507**				
03:45		25	453	56	1988	7	**537**	29	2053	85	4041
04:00		15	504			16	**549**				
04:15		26	510			13	**552**				
04:30		46	540			21	476				
04:45		46	594	133	2148	31	486	81	2063	214	4211
05:00		33	**592**			51	526				
05:15		53	**572**			33	529				
05:30		114	**600**			89	484				
05:45		148	**629**	348	2393	84	521	257	2060	605	4453
06:00		166	582			96	433				
06:15		171	570			127	442				
06:30		165	490			167	358				
06:45		272	450	774	2092	201	319	591	1552	1365	3644
07:00		223	416			262	305				
07:15		278	444			400	285				
07:30		339	335			**525**	251				
07:45		**390**	383	1230	1578	**551**	269	1738	1110	2968	2688
08:00		**374**	363			**531**	227				
08:15		**473**	309			**532**	213				
08:30		**430**	294			445	194				
08:45		373	245	1650	1211	474	174	1982	808	3632	2019
09:00		329	247			325	169				
09:15		298	219			355	113				
09:30		330	225			318	120				
09:45		276	191	1233	882	340	114	1338	516	2571	1398
10:00		269	181			282	94				
10:15		256	156			326	83				
10:30		276	106			299	70				
10:45		254	115	1055	558	289	42	1196	289	2251	847
11:00		258	78			310	52				
11:15		269	73			292	41				
11:30		253	57			341	40				
11:45		305	40	1085	248	288	16	1231	149	2316	397
Total		7825	17463	7825	17463	8569	14907	8569	14907	16394	32370
Combined Total		25288		25288		23476		23476		48764	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1667	-	-	-	2139	-	-	-	-	-
P.H.F.		0.881				0.971					
PM Peak	-	-	05:00	-	-	-	03:30	-	-	-	-
Vol.	-	-	2393	-	-	-	2145	-	-	-	-
P.H.F.			0.951				0.971				
Percentage		30.9%	69.1%			36.5%	63.5%				
ADT/AADT		ADT 48,764		AADT 48,764							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Irvine Boulevard
W/ Tustin Ranch Road
24 Hour Directional Volume Count

IRV050
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		13	234			11	241				
12:15		15	203			10	229				
12:30		5	195			12	213				
12:45		7	223	40	855	9	264	42	947	82	1802
01:00		3	225			6	242				
01:15		7	231			6	230				
01:30		6	227			4	272				
01:45		7	213	23	896	2	350	18	1094	41	1990
02:00		5	207			5	357				
02:15		9	230			2	400				
02:30		4	219			2	357				
02:45		5	304	23	960	3	444	12	1558	35	2518
03:00		3	262			6	570				
03:15		4	263			4	523				
03:30		9	250			4	527				
03:45		9	275	25	1050	6	**562**	20	2182	45	3232
04:00		7	251			7	**544**				
04:15		16	280			2	**584**				
04:30		27	310			12	**585**				
04:45		31	**307**	81	1148	15	489	36	2202	117	3350
05:00		20	**359**			13	556				
05:15		49	**286**			17	561				
05:30		57	**342**			26	553				
05:45		74	292	200	1279	30	518	86	2188	286	3467
06:00		75	296			54	534				
06:15		93	253			55	407				
06:30		132	234			70	350				
06:45		158	222	458	1005	104	342	283	1633	741	2638
07:00		157	198			135	241				
07:15		196	195			203	232				
07:30		**284**	206			283	204				
07:45		**338**	179	975	778	**415**	173	1036	850	2011	1628
08:00		**398**	153			**485**	153				
08:15		**320**	133			**415**	135				
08:30		274	107			**332**	139				
08:45		171	99	1163	492	299	133	1531	560	2694	1052
09:00		181	96			221	96				
09:15		187	90			196	78				
09:30		164	78			178	73				
09:45		181	69	713	333	203	69	798	316	1511	649
10:00		160	49			164	58				
10:15		156	44			179	44				
10:30		192	33			187	61				
10:45		157	28	665	154	208	95	738	258	1403	412
11:00		213	29			190	32				
11:15		177	46			188	30				
11:30		200	15			215	21				
11:45		226	11	816	101	203	24	796	107	1612	208
Total		5182	9051	5182	9051	5396	13895	5396	13895	10578	22946
Combined Total		14233		14233		19291		19291		33524	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1340	-	-	-	1647	-	-	-	-	-
P.H.F.		0.842				0.849					
PM Peak	-	-	04:45	-	-	-	03:45	-	-	-	-
Vol.	-	-	1294	-	-	-	2275	-	-	-	-
P.H.F.			0.901				0.972				
Percentage		36.4%	63.6%			28.0%	72.0%				
ADT/AADT		ADT 33,524		AADT 33,524							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Yale Avenue - Pueblo Norte

File Name 202
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	191			19	168				
12:15	18	191			16	177				
12:30	21	213			14	172				
12:45	13	219	77	814	6	192	55	709	132	1523
1:00	10	207			11	183				
1:15	5	210			9	225				
1:30	9	233			5	239				
1:45	4	264	28	914	6	278	31	925	59	1839
2:00	8	230			1	218				
2:15	6	202			6	256				
2:30	10	221			8	290				
2:45	5	317	29	970	3	278	18	1042	47	2012
3:00	8	230			3	348				
3:15	4	255			9	380				
3:30	8	253			7	355				
3:45	14	258	34	996	5	473	24	1556	58	2552
4:00	8	246			6	464				
4:15	13	306			9	484				
4:30	29	285			7	437				
4:45	25	316	75	1153	14	434	36	1819	111	2972
5:00	19	277			16	400				
5:15	29	377			19	403				
5:30	39	331			27	462				
5:45	66	320	153	1305	37	384	99	1649	252	2954
6:00	52	322			30	321				
6:15	81	284			37	303				
6:30	88	263			63	284				
6:45	106	270	327	1139	93	293	223	1201	550	2340
7:00	91	250			91	202				
7:15	145	221			144	186				
7:30	180	196			302	160				
7:45	239	188	655	855	388	165	925	713	1580	1568
8:00	291	204			330	148				
8:15	225	188			255	121				
8:30	195	170			277	98				
8:45	217	187	928	749	317	106	1179	473	2107	1222
9:00	180	155			227	97				
9:15	187	120			180	96				
9:30	166	114			189	89				
9:45	164	86	697	475	180	65	776	347	1473	822
10:00	148	80			169	57				
10:15	167	60			149	57				
10:30	159	63			169	44				
10:45	150	51	624	254	161	42	648	200	1272	454
11:00	159	31			158	39				
11:15	189	31			175	35				
11:30	197	24			191	21				
11:45	180	32	725	118	165	12	689	107	1414	225
Totals	4352	9742			4703	10741				
Combined Totals		14094				15444				
ADT										29538
AM Peak Hour	745	AM			730	AM				
Volume	950				1275					
P.H.F.	0.816				0.822					
PM Peak Hour		515	PM			345	PM			
Volume		1350				1858				
P.H.F.		0.895				0.960				
Percentage	30.9%	69.1%			30.5%	69.5%				

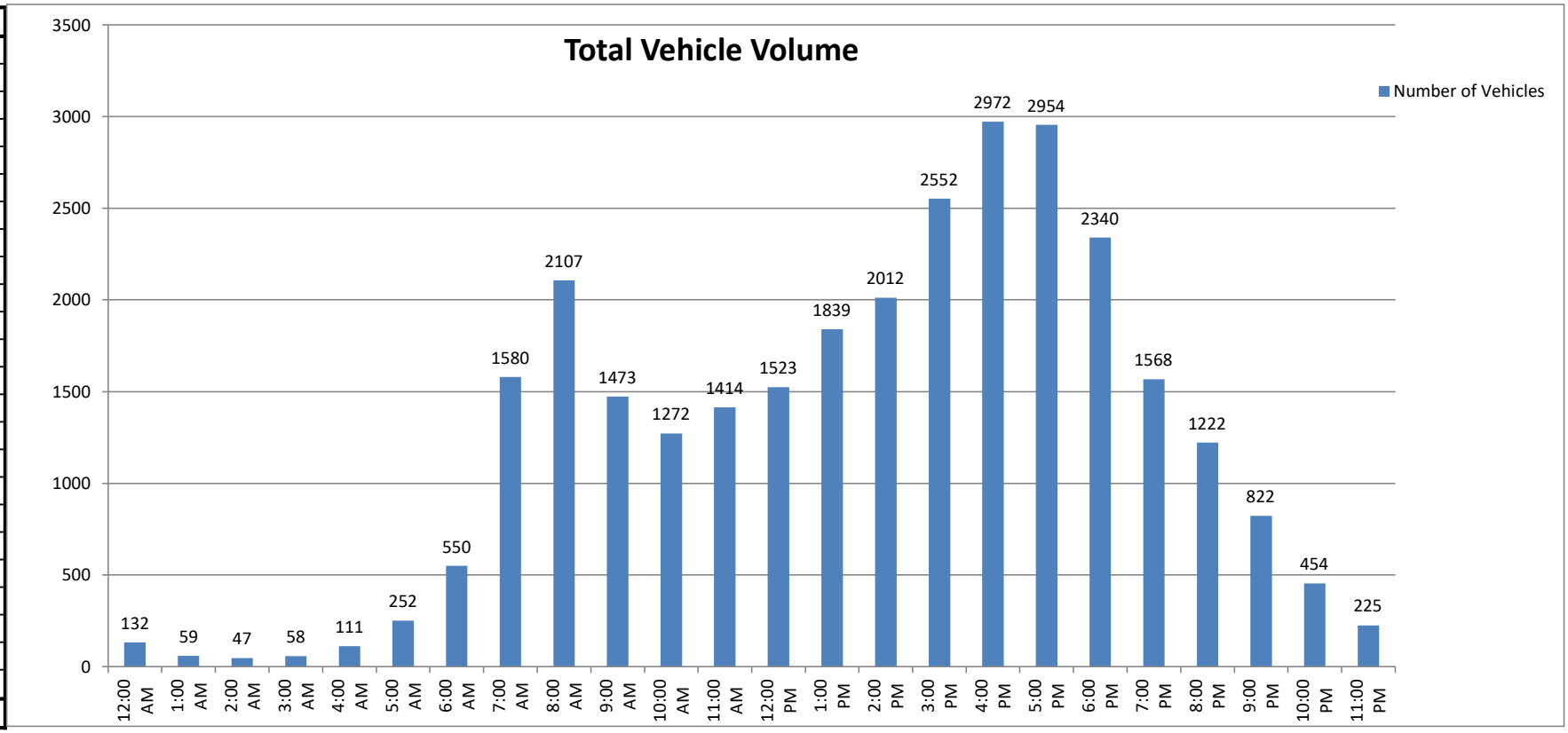
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Irvine Boulevard
B/ Yale Avenue - Pueblo Norte
3/13/2024

Start Time	3/13/2024
12:00 AM	132
1:00 AM	59
2:00 AM	47
3:00 AM	58
4:00 AM	111
5:00 AM	252
6:00 AM	550
7:00 AM	1580
8:00 AM	2107
9:00 AM	1473
10:00 AM	1272
11:00 AM	1414
12:00 PM	1523
1:00 PM	1839
2:00 PM	2012
3:00 PM	2552
4:00 PM	2972
5:00 PM	2954
6:00 PM	2340
7:00 PM	1568
8:00 PM	1222
9:00 PM	822
10:00 PM	454
11:00 PM	225
Total	29538



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Yale Avenue - Pueblo Norte

File Name 202
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	30	196			19	186				
12:15	30	190			15	176				
12:30	22	201			16	160				
12:45	25	181	107	768	9	209	59	731	166	1499
1:00	25	182			13	179				
1:15	19	189			7	201				
1:30	18	207			5	185				
1:45	11	210	73	788	7	255	32	820	105	1608
2:00	12	206			5	263				
2:15	13	218			6	263				
2:30	6	247			8	322				
2:45	9	382	40	1053	3	285	22	1133	62	2186
3:00	8	266			5	393				
3:15	8	235			12	353				
3:30	13	261			4	396				
3:45	23	249	52	1011	9	433	30	1575	82	2586
4:00	8	234			10	406				
4:15	21	292			6	473				
4:30	26	255			4	434				
4:45	105	313	160	1094	15	416	35	1729	195	2823
5:00	94	280			14	382				
5:15	86	331			16	409				
5:30	69	306			19	442				
5:45	46	323	295	1240	31	351	80	1584	375	2824
6:00	59	287			24	342				
6:15	88	272			34	302				
6:30	73	270			50	244				
6:45	106	252	326	1081	77	253	185	1141	511	2222
7:00	92	258			110	194				
7:15	115	224			158	186				
7:30	165	208			263	171				
7:45	172	171	544	861	330	156	861	707	1405	1568
8:00	188	186			426	139				
8:15	318	172			329	118				
8:30	273	147			288	116				
8:45	234	169	1013	674	249	96	1292	469	2305	1143
9:00	179	138			216	86				
9:15	187	142			211	90				
9:30	152	126			179	72				
9:45	179	103	697	509	150	57	756	305	1453	814
10:00	146	94			166	78				
10:15	155	74			132	69				
10:30	161	68			170	52				
10:45	137	59	599	295	168	45	636	244	1235	539
11:00	162	62			180	36				
11:15	157	62			164	49				
11:30	167	53			179	44				
11:45	160	18	646	195	158	39	681	168	1327	363
Totals	4552	9569			4669	10606				
Combined Totals		14121				15275				
ADT										29396
AM Peak Hour	800	AM			745	AM				
Volume	1013				1373					
P.H.F.	0.796				0.806					
PM Peak Hour		515	PM			345	PM			
Volume		1247				1746				
P.H.F.		0.942				0.923				
Percentage	32.2%	67.8%			30.6%	69.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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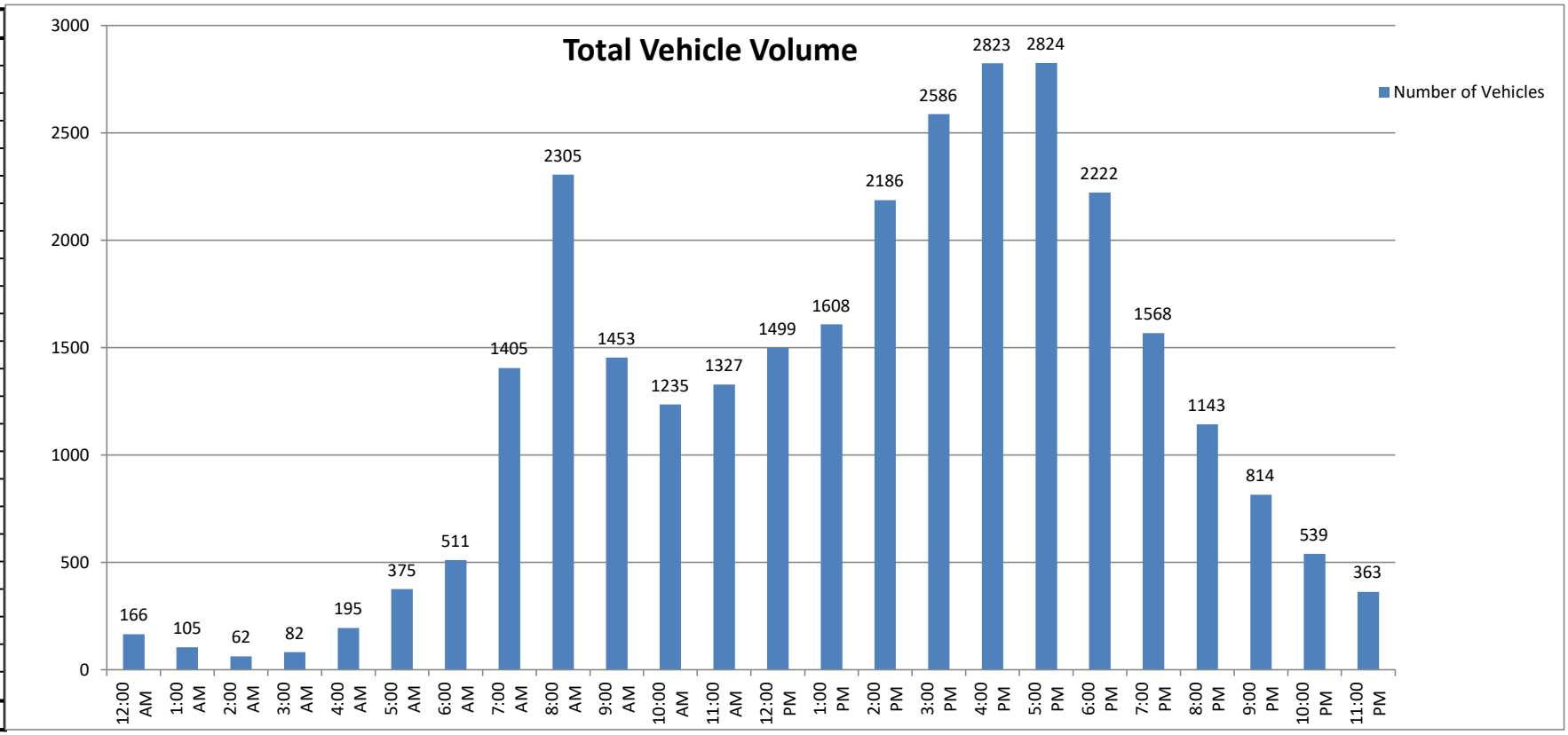
24 Hour Volume Plot

Irvine Boulevard
B/ Yale Avenue - Pueblo Norte
3/14/2024

Start Time	3/14/2024
12:00 AM	166
1:00 AM	105
2:00 AM	62
3:00 AM	82
4:00 AM	195
5:00 AM	375
6:00 AM	511
7:00 AM	1405
8:00 AM	2305
9:00 AM	1453
10:00 AM	1235
11:00 AM	1327
12:00 PM	1499
1:00 PM	1608
2:00 PM	2186
3:00 PM	2586
4:00 PM	2823
5:00 PM	2824
6:00 PM	2222
7:00 PM	1568
8:00 PM	1143
9:00 PM	814
10:00 PM	539
11:00 PM	363
Total	29396



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Irvine Boulevard
B/ Yale Avenue - Pueblo Norte

File Name 202
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	194			19	177				
12:15	24	191			16	177				
12:30	22	207			15	166				
12:45	19	200	92	791	8	201	57	720	149	1511
1:00	18	195			12	181				
1:15	12	200			8	213				
1:30	14	220			5	212				
1:45	8	237	51	851	7	267	32	873	82	1724
2:00	10	218			3	241				
2:15	10	210			6	260				
2:30	8	234			8	306				
2:45	7	350	35	1012	3	282	20	1088	55	2099
3:00	8	248			4	371				
3:15	6	245			11	367				
3:30	11	257			6	376				
3:45	19	254	43	1004	7	453	27	1566	70	2569
4:00	8	240			8	435				
4:15	17	299			8	479				
4:30	28	270			6	436				
4:45	65	315	118	1124	15	425	36	1774	153	2898
5:00	57	279			15	391				
5:15	58	354			18	406				
5:30	54	319			23	452				
5:45	56	322	224	1273	34	368	90	1617	314	2889
6:00	56	305			27	332				
6:15	85	278			36	303				
6:30	81	267			57	264				
6:45	106	261	327	1110	85	273	204	1171	531	2281
7:00	92	254			101	198				
7:15	130	223			151	186				
7:30	173	202			283	166				
7:45	206	180	600	858	359	161	893	710	1493	1568
8:00	240	195			378	144				
8:15	272	180			292	120				
8:30	234	159			283	107				
8:45	226	178	971	712	283	101	1236	471	2206	1183
9:00	180	147			222	92				
9:15	187	131			196	93				
9:30	159	120			184	81				
9:45	172	95	697	492	165	61	766	326	1463	818
10:00	147	87			168	68				
10:15	161	67			141	63				
10:30	160	66			170	48				
10:45	144	55	612	275	165	44	642	222	1254	497
11:00	161	47			169	38				
11:15	173	47			170	42				
11:30	182	39			185	33				
11:45	170	25	686	157	162	26	685	138	1371	294
Totals	4452	9656			4686	10674				
Combined Totals		14108				15360				
ADT										29467
AM Peak Hour	800	AM			745	AM				
Volume	971				1312					
P.H.F.	0.894				0.867					
PM Peak Hour		515	PM			345	PM			
Volume		1299				1802				
P.H.F.		0.917				0.941				
Percentage	31.6%	68.4%			30.5%	69.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Bryan Avenue - Irvine Boulevard

File Name 233
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/26/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	34	309			56	305				
12:15	34	331			50	298				
12:30	38	340			25	317				
12:45	26	358	132	1338	20	319	151	1239	283	2577
1:00	17	349			18	333				
1:15	14	368			14	300				
1:30	18	325			8	382				
1:45	16	315	65	1357	14	353	54	1368	119	2725
2:00	12	344			8	358				
2:15	5	408			5	298				
2:30	7	380			4	313				
2:45	8	386	32	1518	6	308	23	1277	55	2795
3:00	5	400			8	357				
3:15	5	446			10	312				
3:30	12	439			12	280				
3:45	22	443	44	1728	11	294	41	1243	85	2971
4:00	13	488			20	302				
4:15	11	484			21	292				
4:30	7	533			34	304				
4:45	17	521	48	2026	39	271	114	1169	162	3195
5:00	19	542			59	288				
5:15	23	534			79	302				
5:30	39	541			94	337				
5:45	51	526	132	2143	124	293	356	1220	488	3363
6:00	71	572			115	293				
6:15	55	500			145	292				
6:30	85	499			210	294				
6:45	93	475	304	2046	298	280	768	1159	1072	3205
7:00	111	420			340	271				
7:15	113	369			395	264				
7:30	126	349			508	279				
7:45	213	330	563	1468	549	261	1792	1075	2355	2543
8:00	168	321			544	232				
8:15	181	313			579	239				
8:30	241	302			577	232				
8:45	219	247	809	1183	486	182	2186	885	2995	2068
9:00	198	234			464	156				
9:15	268	198			415	170				
9:30	198	205			337	135				
9:45	212	167	876	804	344	143	1560	604	2436	1408
10:00	174	170			324	113				
10:15	201	122			290	100				
10:30	219	109			264	87				
10:45	235	83	829	484	285	72	1163	372	1992	856
11:00	248	78			299	57				
11:15	249	61			291	62				
11:30	313	58			307	44				
11:45	310	53	1120	250	307	30	1204	193	2324	443
Totals	4954	16345			9412	11804				
Combined Totals		21299				21216				
ADT										42515
AM Peak Hour	1100	AM			745	AM				
Volume	1120				2249					
P.H.F.	0.895				0.971					
PM Peak Hour		515	PM			115	PM			
Volume		2173				1393				
P.H.F.		0.950				0.912				
Percentage	23.3%	76.7%			44.4%	55.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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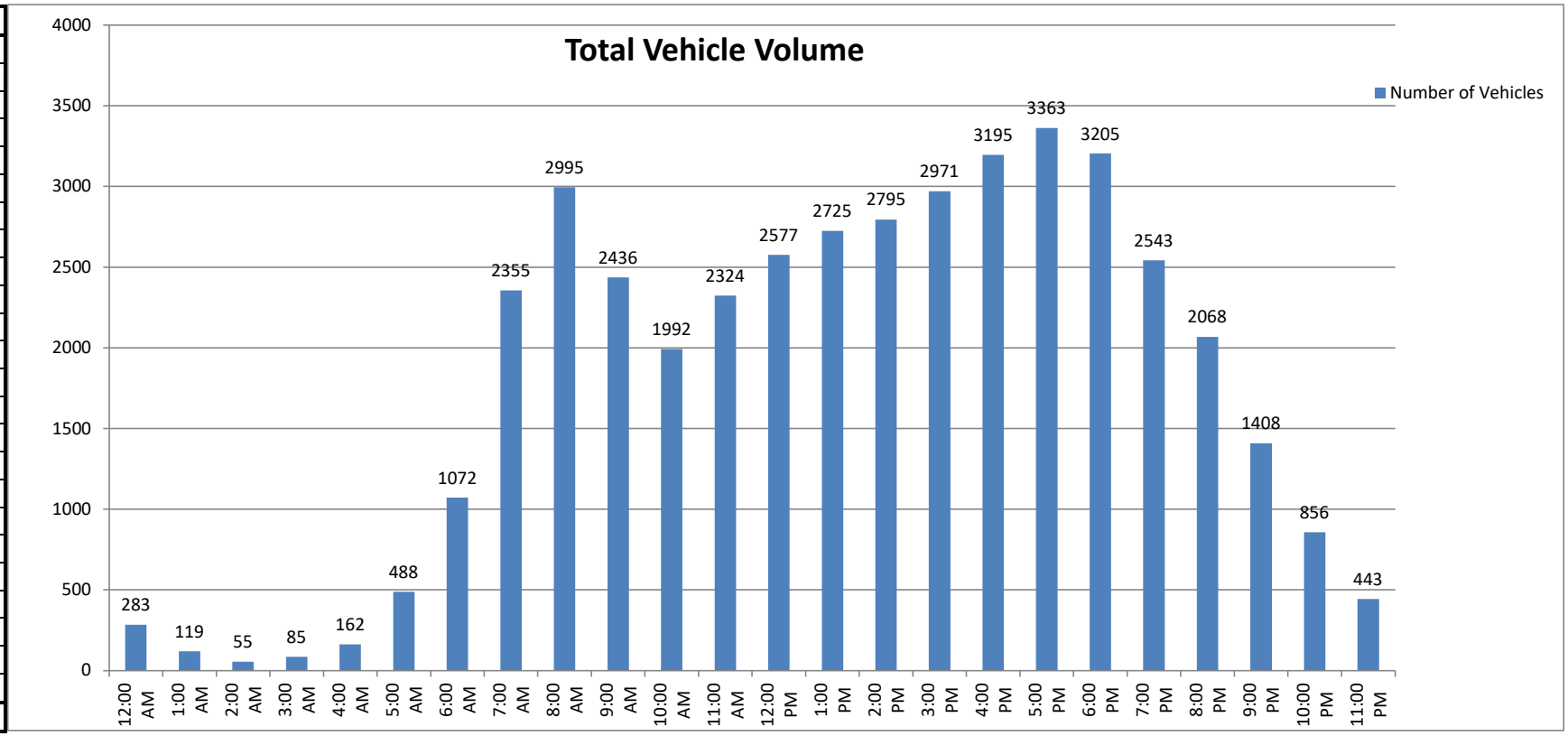
24 Hour Volume Plot

Jamboree Road

B/ Bryan Avenue - Irvine Boulevard

4/26/2023

Start Time	4/26/2023
12:00 AM	283
1:00 AM	119
2:00 AM	55
3:00 AM	85
4:00 AM	162
5:00 AM	488
6:00 AM	1072
7:00 AM	2355
8:00 AM	2995
9:00 AM	2436
10:00 AM	1992
11:00 AM	2324
12:00 PM	2577
1:00 PM	2725
2:00 PM	2795
3:00 PM	2971
4:00 PM	3195
5:00 PM	3363
6:00 PM	3205
7:00 PM	2543
8:00 PM	2068
9:00 PM	1408
10:00 PM	856
11:00 PM	443
Total	42515



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Bryan Avenue - Irvine Boulevard

File Name 233
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/27/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	53	340			52	295				
12:15	38	338			35	306				
12:30	28	297			44	335				
12:45	18	388	137	1363	23	316	154	1252	291	2615
1:00	14	360			17	326				
1:15	11	357			9	324				
1:30	11	354			14	326				
1:45	22	361	58	1432	6	280	46	1256	104	2688
2:00	10	338			12	336				
2:15	12	447			5	298				
2:30	7	453			9	303				
2:45	8	350	37	1588	7	367	33	1304	70	2892
3:00	10	412			7	381				
3:15	7	454			8	365				
3:30	11	488			9	306				
3:45	21	464	49	1818	13	271	37	1323	86	3141
4:00	12	469			17	332				
4:15	8	528			20	306				
4:30	8	500			33	335				
4:45	19	509	47	2006	45	290	115	1263	162	3269
5:00	19	545			53	325				
5:15	33	522			92	354				
5:30	30	558			97	307				
5:45	63	537	145	2162	125	312	367	1298	512	3460
6:00	41	529			132	278				
6:15	71	554			149	280				
6:30	73	528			220	305				
6:45	107	472	292	2083	301	304	802	1167	1094	3250
7:00	123	393			436	298				
7:15	192	428			490	296				
7:30	171	374			518	300				
7:45	188	327	674	1522	541	272	1985	1166	2659	2688
8:00	220	305			603	245				
8:15	229	311			632	238				
8:30	182	329			493	246				
8:45	184	253	815	1198	450	209	2178	938	2993	2136
9:00	163	230			391	201				
9:15	181	244			336	167				
9:30	160	175			366	149				
9:45	198	174	702	823	292	121	1385	638	2087	1461
10:00	180	175			302	146				
10:15	231	147			307	118				
10:30	209	124			278	85				
10:45	277	99	897	545	297	82	1184	431	2081	976
11:00	245	80			294	65				
11:15	288	67			291	72				
11:30	309	55			292	57				
11:45	308	56	1150	258	332	54	1209	248	2359	506
Totals	5003	16798			9495	12284				
Combined Totals		21801				21779				
ADT										43580
AM Peak Hour	1100	AM			730	AM				
Volume	1150				2294					
P.H.F.	0.930				0.907					
PM Peak Hour		530	PM			245	PM			
Volume		2178				1419				
P.H.F.		0.976				0.931				
Percentage	22.9%	77.1%			43.6%	56.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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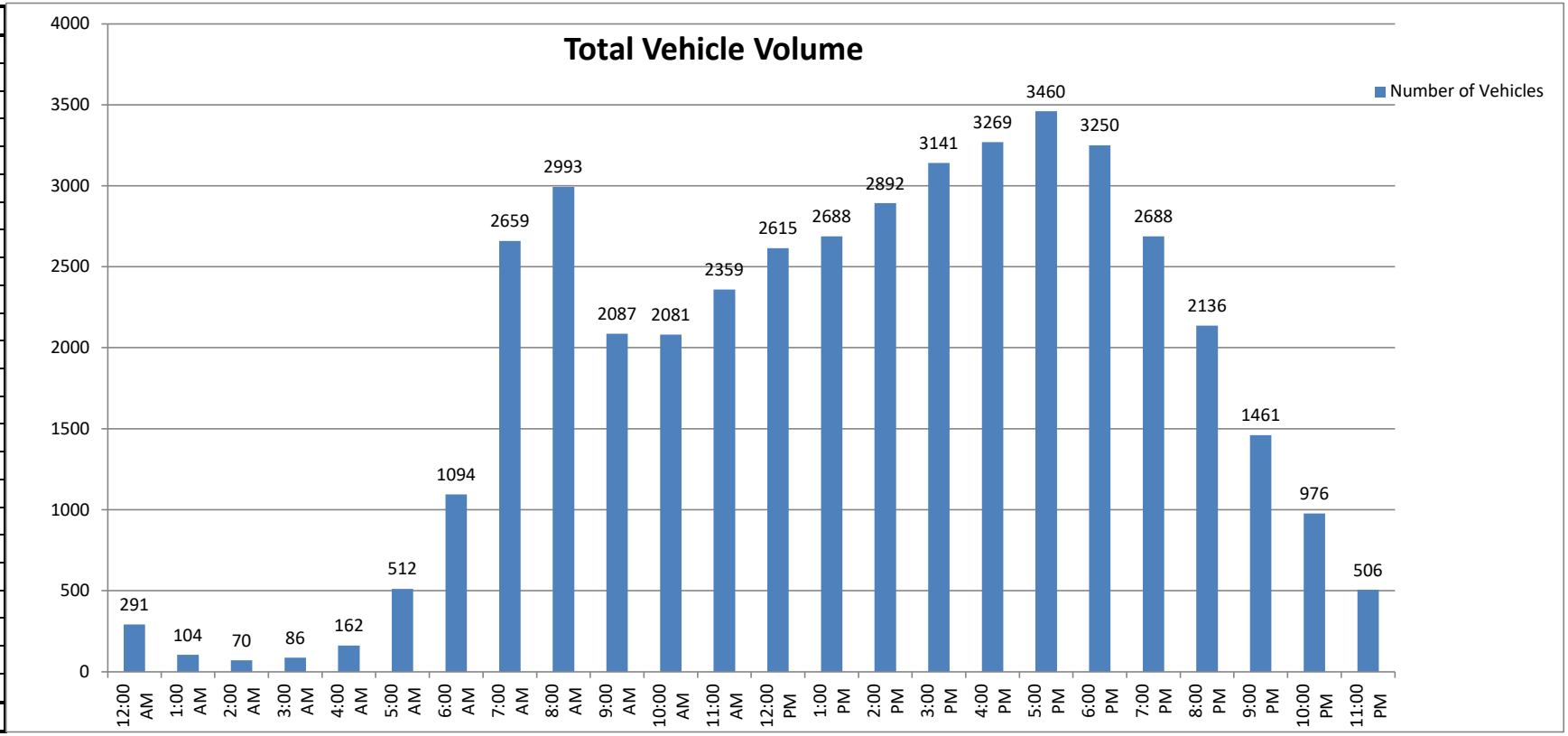
24 Hour Volume Plot

Jamboree Road

B/ Bryan Avenue - Irvine Boulevard

4/27/2023

Start Time	4/27/2023
12:00 AM	291
1:00 AM	104
2:00 AM	70
3:00 AM	86
4:00 AM	162
5:00 AM	512
6:00 AM	1094
7:00 AM	2659
8:00 AM	2993
9:00 AM	2087
10:00 AM	2081
11:00 AM	2359
12:00 PM	2615
1:00 PM	2688
2:00 PM	2892
3:00 PM	3141
4:00 PM	3269
5:00 PM	3460
6:00 PM	3250
7:00 PM	2688
8:00 PM	2136
9:00 PM	1461
10:00 PM	976
11:00 PM	506
Total	43580



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Jamboree Road
B/ Bryan Avenue - Irvine Boulevard

File Name 233
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	44	325			54	300				
12:15	36	335			43	302				
12:30	33	319			35	326				
12:45	22	373	135	1351	22	318	153	1246	287	2596
1:00	16	355			18	330				
1:15	13	363			12	312				
1:30	15	340			11	354				
1:45	19	338	62	1395	10	317	50	1312	112	2707
2:00	11	341			10	347				
2:15	9	428			5	298				
2:30	7	417			7	308				
2:45	8	368	35	1553	7	338	28	1291	63	2844
3:00	8	406			8	369				
3:15	6	450			9	339				
3:30	12	464			11	293				
3:45	22	454	47	1773	12	283	39	1283	86	3056
4:00	13	479			19	317				
4:15	10	506			21	299				
4:30	8	517			34	320				
4:45	18	515	48	2016	42	281	115	1216	162	3232
5:00	19	544			56	307				
5:15	28	528			86	328				
5:30	35	550			96	322				
5:45	57	532	139	2153	125	303	362	1259	500	3412
6:00	56	551			124	286				
6:15	63	527			147	286				
6:30	79	514			215	300				
6:45	100	474	298	2065	300	292	785	1163	1083	3228
7:00	117	407			388	285				
7:15	153	399			443	280				
7:30	149	362			513	290				
7:45	201	329	619	1495	545	267	1889	1121	2507	2616
8:00	194	313			574	239				
8:15	205	312			606	239				
8:30	212	316			535	239				
8:45	202	250	812	1191	468	196	2182	912	2994	2102
9:00	181	232			428	179				
9:15	225	221			376	169				
9:30	179	190			352	142				
9:45	205	171	789	814	318	132	1473	621	2262	1435
10:00	177	173			313	130				
10:15	216	135			299	109				
10:30	214	117			271	86				
10:45	256	91	863	515	291	77	1174	402	2037	916
11:00	247	79			297	61				
11:15	269	64			291	67				
11:30	311	57			300	51				
11:45	309	55	1135	254	320	42	1207	221	2342	475
Totals	4979	16572			9454	12044				
Combined Totals		21550				21498				
ADT										43048
AM Peak Hour	1100	AM			745	AM				
Volume	1135				2259					
P.H.F.	0.912				0.933					
PM Peak Hour		515	PM			230	PM			
Volume		2160				1353				
P.H.F.		0.981				0.917				
Percentage	23.1%	76.9%			44.0%	56.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Jamboree Road
B/ Irvine Boulevard - Portola Parkway

File Name 234
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/26/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	145			13	167				
12:15	16	158			6	149				
12:30	20	161			6	163				
12:45	12	161	63	625	4	147	29	626	92	1251
1:00	8	201			5	147				
1:15	5	186			5	161				
1:30	4	172			4	166				
1:45	3	180	20	739	3	163	17	637	37	1376
2:00	3	203			4	180				
2:15	2	236			8	144				
2:30	1	261			2	166				
2:45	2	238	8	938	2	230	16	720	24	1658
3:00	1	252			2	193				
3:15	1	262			3	149				
3:30	1	285			6	159				
3:45	3	264	6	1063	6	175	17	676	23	1739
4:00	4	294			5	153				
4:15	2	298			13	144				
4:30	1	322			19	163				
4:45	2	335	9	1249	24	136	61	596	70	1845
5:00	7	340			26	167				
5:15	12	307			25	186				
5:30	19	381			47	157				
5:45	23	304	61	1332	67	159	165	669	226	2001
6:00	33	335			52	151				
6:15	25	260			107	122				
6:30	54	285			139	152				
6:45	54	225	166	1105	158	129	456	554	622	1659
7:00	71	238			230	108				
7:15	69	191			315	128				
7:30	102	200			382	104				
7:45	110	156	352	785	389	101	1316	441	1668	1226
8:00	126	194			363	96				
8:15	140	182			374	102				
8:30	180	157			357	69				
8:45	162	132	608	665	311	66	1405	333	2013	998
9:00	135	115			325	57				
9:15	123	112			234	64				
9:30	119	110			184	51				
9:45	129	83	506	420	173	41	916	213	1422	633
10:00	112	71			152	33				
10:15	97	75			136	25				
10:30	120	42			132	19				
10:45	104	40	433	228	160	22	580	99	1013	327
11:00	127	33			152	17				
11:15	102	32			156	16				
11:30	136	22			147	4				
11:45	132	19	497	106	152	13	607	50	1104	156
Totals	2729	9255			5585	5614				
Combined Totals		11984				11199				
ADT										23183
AM Peak Hour	815	AM			730	AM				
Volume	617				1508					
P.H.F.	0.857				0.969					
PM Peak Hour		445	PM			230	PM			
Volume		1363				738				
P.H.F.		0.894				0.802				
Percentage	22.8%	77.2%			49.9%	50.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

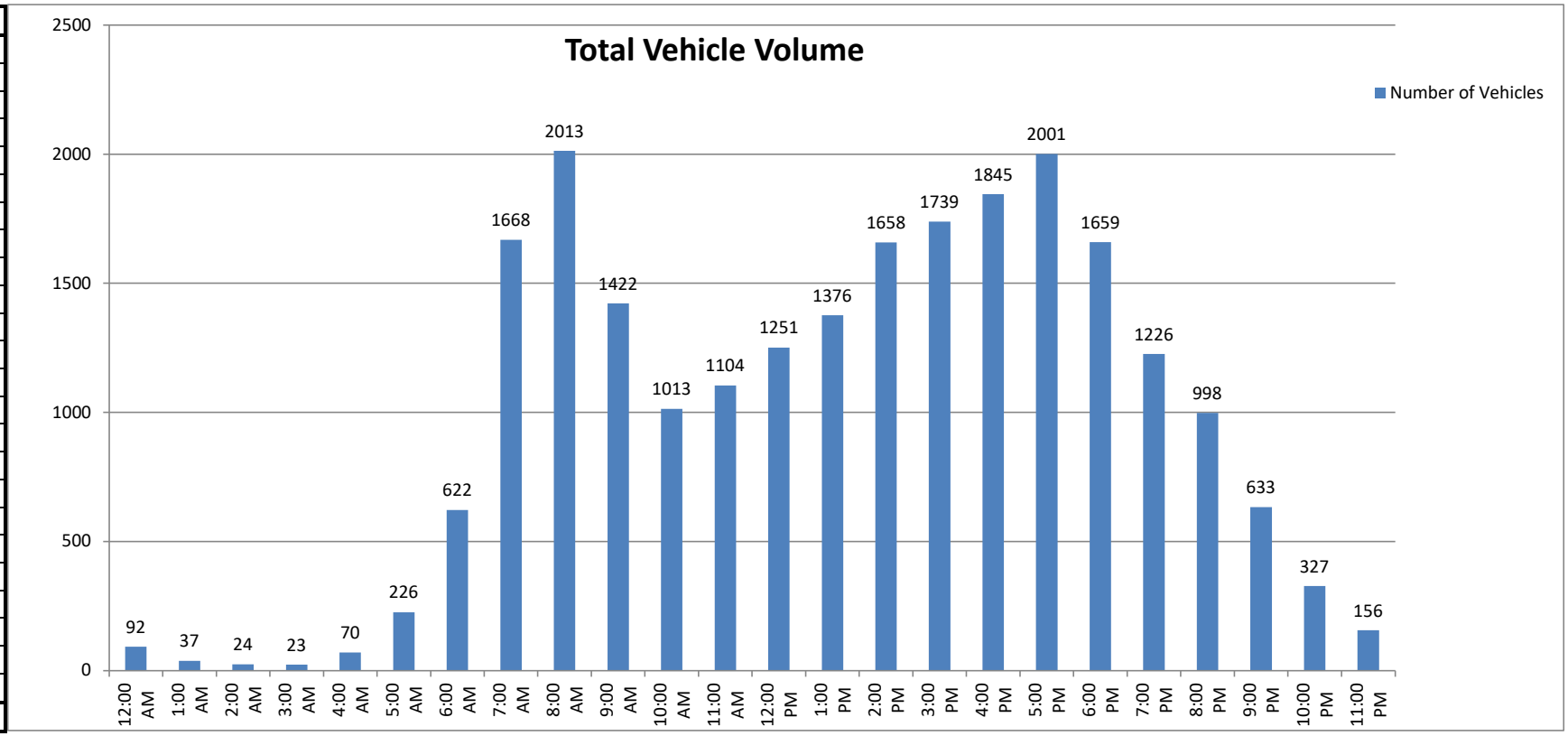
24 Hour Volume Plot

Jamboree Road

B/ Irvine Boulevard - Portola Parkway

4/26/2023

Start Time	4/26/2023
12:00 AM	92
1:00 AM	37
2:00 AM	24
3:00 AM	23
4:00 AM	70
5:00 AM	226
6:00 AM	622
7:00 AM	1668
8:00 AM	2013
9:00 AM	1422
10:00 AM	1013
11:00 AM	1104
12:00 PM	1251
1:00 PM	1376
2:00 PM	1658
3:00 PM	1739
4:00 PM	1845
5:00 PM	2001
6:00 PM	1659
7:00 PM	1226
8:00 PM	998
9:00 PM	633
10:00 PM	327
11:00 PM	156
Total	23183



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Irvine Boulevard - Portola Parkway

File Name 234
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/27/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	157			9	151				
12:15	20	191			7	151				
12:30	10	126			8	152				
12:45	12	185	70	659	8	147	32	601	102	1260
1:00	5	186			2	148				
1:15	13	219			4	136				
1:30	2	172			5	145				
1:45	6	194	26	771	3	134	14	563	40	1334
2:00	5	171			2	127				
2:15	4	237			4	135				
2:30	0	273			3	146				
2:45	3	276	12	957	1	252	10	660	22	1617
3:00	4	251			4	245				
3:15	4	268			4	179				
3:30	5	291			5	135				
3:45	3	280	16	1090	7	152	20	711	36	1801
4:00	1	294			4	151				
4:15	2	333			9	172				
4:30	7	300			13	158				
4:45	3	319	13	1246	20	169	46	650	59	1896
5:00	10	315			25	189				
5:15	15	297			34	177				
5:30	17	336			50	175				
5:45	22	367	64	1315	62	146	171	687	235	2002
6:00	16	321			66	156				
6:15	40	279			104	118				
6:30	31	309			137	135				
6:45	60	274	147	1183	200	139	507	548	654	1731
7:00	64	201			318	138				
7:15	137	210			344	126				
7:30	172	207			372	127				
7:45	160	199	533	817	468	123	1502	514	2035	1331
8:00	140	193			434	102				
8:15	144	153			352	85				
8:30	126	147			326	74				
8:45	96	145	506	638	263	68	1375	329	1881	967
9:00	89	117			220	71				
9:15	103	117			190	55				
9:30	91	96			194	45				
9:45	90	69	373	399	181	48	785	219	1158	618
10:00	107	64			146	46				
10:15	112	66			151	28				
10:30	114	53			157	25				
10:45	153	42	486	225	145	31	599	130	1085	355
11:00	101	44			171	24				
11:15	117	31			161	11				
11:30	137	29			176	13				
11:45	150	22	505	126	184	6	692	54	1197	180
Totals	2751	9426			5753	5666				
Combined Totals		12177				11419				
ADT										23596
AM Peak Hour	730	AM			730	AM				
Volume	616				1626					
P.H.F.	0.895				0.869					
PM Peak Hour		515	PM			230	PM			
Volume		1321				822				
P.H.F.		0.900				0.815				
Percentage	22.6%	77.4%			50.4%	49.6%				

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

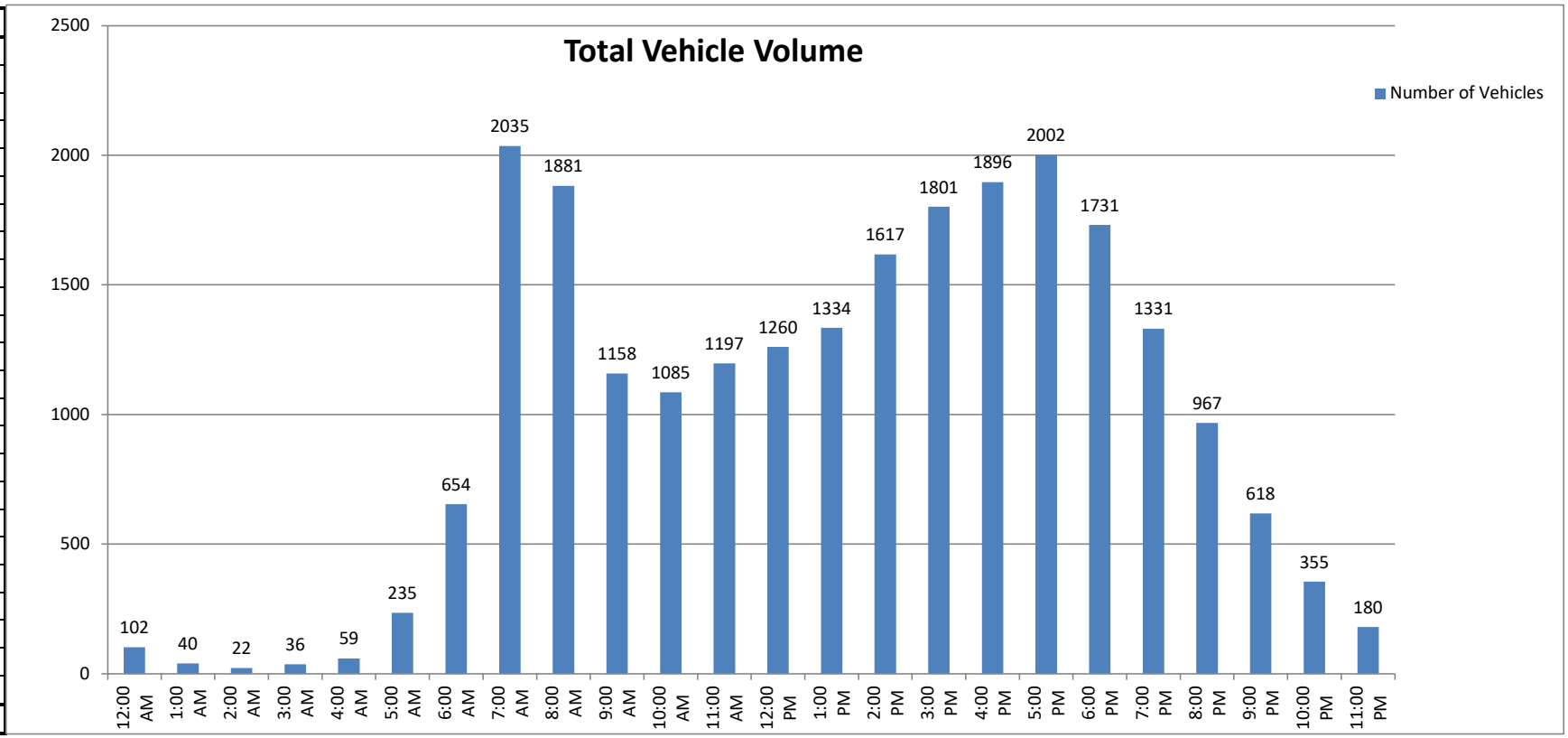
24 Hour Volume Plot

Jamboree Road

B/ Irvine Boulevard - Portola Parkway

4/27/2023

Start Time	4/27/2023
12:00 AM	102
1:00 AM	40
2:00 AM	22
3:00 AM	36
4:00 AM	59
5:00 AM	235
6:00 AM	654
7:00 AM	2035
8:00 AM	1881
9:00 AM	1158
10:00 AM	1085
11:00 AM	1197
12:00 PM	1260
1:00 PM	1334
2:00 PM	1617
3:00 PM	1801
4:00 PM	1896
5:00 PM	2002
6:00 PM	1731
7:00 PM	1331
8:00 PM	967
9:00 PM	618
10:00 PM	355
11:00 PM	180
Total	23596



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Irvine Boulevard - Portola Parkway

File Name 234
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	151			11	159				
12:15	18	175			7	150				
12:30	15	144			7	158				
12:45	12	173	67	642	6	147	31	614	97	1256
1:00	7	194			4	148				
1:15	9	203			5	149				
1:30	3	172			5	156				
1:45	5	187	23	755	3	149	16	600	39	1355
2:00	4	187			3	154				
2:15	3	237			6	140				
2:30	1	267			3	156				
2:45	3	257	10	948	2	241	13	690	23	1638
3:00	3	252			3	219				
3:15	3	265			4	164				
3:30	3	288			6	147				
3:45	3	272	11	1077	7	164	19	694	30	1770
4:00	3	294			5	152				
4:15	2	316			11	158				
4:30	4	311			16	161				
4:45	3	327	11	1248	22	153	54	623	65	1871
5:00	9	328			26	178				
5:15	14	302			30	182				
5:30	18	359			49	166				
5:45	23	336	63	1324	65	153	168	678	231	2002
6:00	25	328			59	154				
6:15	33	270			106	120				
6:30	43	297			138	144				
6:45	57	250	157	1144	179	134	482	551	638	1695
7:00	68	220			274	123				
7:15	103	201			330	127				
7:30	137	204			377	116				
7:45	135	178	443	801	429	112	1409	478	1852	1279
8:00	133	194			399	99				
8:15	142	168			363	94				
8:30	153	152			342	72				
8:45	129	139	557	652	287	67	1390	331	1947	983
9:00	112	116			273	64				
9:15	113	115			212	60				
9:30	105	103			189	48				
9:45	110	76	440	410	177	45	851	216	1290	626
10:00	110	68			149	40				
10:15	105	71			144	27				
10:30	117	48			145	22				
10:45	129	41	460	227	153	27	590	115	1049	341
11:00	114	39			162	21				
11:15	110	32			159	14				
11:30	137	26			162	9				
11:45	141	21	501	116	168	10	650	52	1151	168
Totals	2740	9341			5669	5640				
Combined Totals		12081				11309				
ADT										23390
AM Peak Hour	745	AM			730	AM				
Volume	563				1567					
P.H.F.	0.920				0.914					
PM Peak Hour		515	PM			230	PM			
Volume		1324				780				
P.H.F.		0.923				0.809				
Percentage	22.7%	77.3%			50.1%	49.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Jamboree Road
N/ Chapman Avenue
24 Hour Directional Volume Count

ORN063
Site Code: 051-24139

Start	2/8/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	64			5	53				
12:15		3	81			2	72				
12:30		5	79			4	72				
12:45		4	86	19	310	2	79	13	276	32	586
01:00		3	78			2	71				
01:15		4	86			3	74				
01:30		1	110			1	87				
01:45		2	100	10	374	3	50	9	282	19	656
02:00		1	132			2	87				
02:15		0	157			1	66				
02:30		1	145			4	96				
02:45		2	222	4	656	3	88	10	337	14	993
03:00		0	239			3	82				
03:15		1	310			4	130				
03:30		2	307			3	113				
03:45		0	323	3	1179	6	107	16	432	19	1611
04:00		0	358			3	90				
04:15		6	325			11	117				
04:30		4	**484**			11	**149**				
04:45		7	**453**	17	1620	13	**143**	38	499	55	2119
05:00		5	**445**			15	**133**				
05:15		16	**449**			33	**179**				
05:30		5	472			43	146				
05:45		12	403	38	1769	41	135	132	593	170	2362
06:00		23	308			56	117				
06:15		31	311			83	82				
06:30		39	246			170	86				
06:45		49	188	142	1053	184	82	493	367	635	1420
07:00		60	142			246	51				
07:15		69	80			**336**	26				
07:30		**107**	76			**354**	46				
07:45		**101**	47	337	345	**388**	43	1324	166	1661	511
08:00		**111**	40			**303**	32				
08:15		**125**	45			329	34				
08:30		94	30			322	20				
08:45		103	38	433	153	268	26	1222	112	1655	265
09:00		84	28			170	22				
09:15		60	39			149	33				
09:30		84	24			125	19				
09:45		49	35	277	126	80	20	524	94	801	220
10:00		58	19			73	17				
10:15		74	12			84	20				
10:30		79	21			86	10				
10:45		65	15	276	67	76	7	319	54	595	121
11:00		71	10			75	5				
11:15		76	4			93	6				
11:30		54	4			69	8				
11:45		77	9	278	27	96	5	333	24	611	51
Total		1834	7679	1834	7679	4433	3236	4433	3236	6267	10915
Combined Total		9513		9513		7669		7669		17182	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	444	-	-	-	1381	-	-	-	-	-
P.H.F.		0.888				0.890					
PM Peak	-	-	04:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	1831	-	-	-	604	-	-	-	-
P.H.F.			0.946				0.844				
Percentage		19.3%	80.7%			57.8%	42.2%				
ADT/AADT		ADT 17,182		AADT 17,182							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Jamboree Road
N/ Tustin Ranch Road
24 Hour Directional Volume Count

TUS059
Site Code: 051-24139

Start Time	2/27/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	87			6	94				
12:15		12	115			3	110				
12:30		1	114			2	112				
12:45		5	117	27	433	1	133	12	449	39	882
01:00		2	141			4	99				
01:15		1	139			3	121				
01:30		2	111			2	83				
01:45		4	155	9	546	1	114	10	417	19	963
02:00		1	158			1	67				
02:15		0	150			1	100				
02:30		1	171			2	126				
02:45		2	192	4	671	2	112	6	405	10	1076
03:00		0	249			3	105				
03:15		1	281			5	108				
03:30		4	242			4	169				
03:45		1	333	6	1105	4	146	16	528	22	1633
04:00		5	320			8	96				
04:15		4	386			10	112				
04:30		5	430			22	129				
04:45		1	**419**	15	1555	26	128	66	465	81	2020
05:00		13	**427**			34	128				
05:15		11	**457**			31	108				
05:30		12	**433**			49	**140**				
05:45		17	350	53	1667	71	**124**	185	500	238	2167
06:00		18	317			95	**132**				
06:15		19	313			106	**155**				
06:30		29	255			162	109				
06:45		34	190	100	1075	212	82	575	478	675	1553
07:00		53	156			318	68				
07:15		69	109			412	52				
07:30		93	111			**498**	47				
07:45		**121**	96	336	472	**394**	40	1622	207	1958	679
08:00		**124**	79			**368**	52				
08:15		**125**	75			**420**	47				
08:30		**108**	61			360	29				
08:45		91	67	448	282	279	40	1427	168	1875	450
09:00		90	69			171	33				
09:15		66	51			178	32				
09:30		86	57			151	25				
09:45		87	32	329	209	137	25	637	115	966	324
10:00		86	42			103	22				
10:15		66	27			113	13				
10:30		64	19			90	11				
10:45		74	22	290	110	90	9	396	55	686	165
11:00		85	14			96	14				
11:15		98	13			76	7				
11:30		92	9			111	7				
11:45		96	11	371	47	115	3	398	31	769	78
Total		1988	8172	1988	8172	5350	3818	5350	3818	7338	11990
Combined Total		10160		10160		9168		9168		19328	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	478	-	-	-	1680	-	-	-	-	-
P.H.F.		0.956				0.843					
PM Peak	-	-	04:45	-	-	-	05:30	-	-	-	-
Vol.	-	-	1736	-	-	-	551	-	-	-	-
P.H.F.			0.950				0.815				
Percentage		19.6%	80.4%			58.4%	41.6%				
ADT/AADT		ADT 19,328		AADT 19,328							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Northbound Interstate 5 - Southbound Interstate 5

File Name 231
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/26/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	69	368			43	350				
12:15	52	441			28	338				
12:30	57	389			20	388				
12:45	41	388	219	1586	18	401	109	1477	328	3063
1:00	30	424			15	384				
1:15	26	391			11	361				
1:30	17	394			12	418				
1:45	43	420	116	1629	9	397	47	1560	163	3189
2:00	17	381			13	365				
2:15	20	389			11	324				
2:30	28	430			9	329				
2:45	16	460	81	1660	4	345	37	1363	118	3023
3:00	12	446			10	361				
3:15	17	485			8	324				
3:30	31	557			13	352				
3:45	43	508	103	1996	17	386	48	1423	151	3419
4:00	40	536			25	340				
4:15	49	562			23	349				
4:30	56	662			35	359				
4:45	62	570	207	2330	56	368	139	1416	346	3746
5:00	77	553			58	402				
5:15	74	663			91	406				
5:30	120	644			95	404				
5:45	134	643	405	2503	141	424	385	1636	790	4139
6:00	162	551			119	337				
6:15	169	490			141	379				
6:30	214	435			212	352				
6:45	246	482	791	1958	299	323	771	1391	1562	3349
7:00	238	405			345	302				
7:15	248	372			395	325				
7:30	291	340			585	308				
7:45	327	354	1104	1471	736	266	2061	1201	3165	2672
8:00	327	349			638	272				
8:15	362	392			722	309				
8:30	327	329			651	292				
8:45	328	258	1344	1328	627	210	2638	1083	3982	2411
9:00	346	277			496	206				
9:15	380	239			458	180				
9:30	328	259			452	148				
9:45	324	228	1378	1003	382	132	1788	666	3166	1669
10:00	290	214			313	112				
10:15	301	190			343	90				
10:30	315	165			299	68				
10:45	327	123	1233	692	329	62	1284	332	2517	1024
11:00	328	120			330	58				
11:15	355	100			351	42				
11:30	361	77			349	45				
11:45	378	63	1422	360	353	26	1383	171	2805	531
Totals	8403	18516			10690	13719				
Combined Totals		26919				24409				
ADT										51328
AM Peak Hour	1100	AM			745	AM				
Volume	1422				2747					
P.H.F.	0.940				0.933					
PM Peak Hour		500	PM			500	PM			
Volume		2503				1636				
P.H.F.		0.944				0.965				
Percentage	31.2%	68.8%			43.8%	56.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

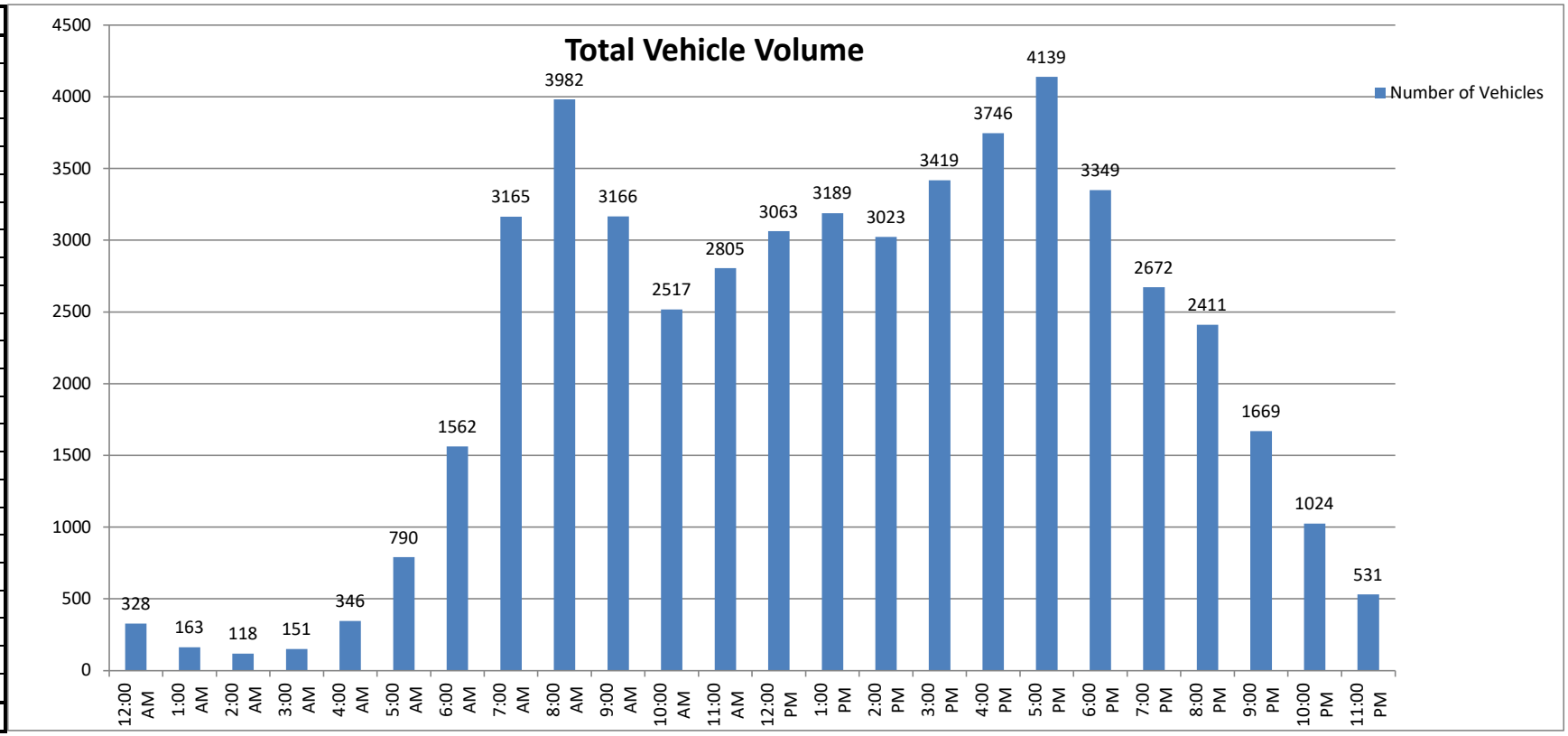
24 Hour Volume Plot

Jamboree Road

B/ Northbound Interstate 5 - Southbound Interstate 5

4/26/2023

Start Time	4/26/2023
12:00 AM	328
1:00 AM	163
2:00 AM	118
3:00 AM	151
4:00 AM	346
5:00 AM	790
6:00 AM	1562
7:00 AM	3165
8:00 AM	3982
9:00 AM	3166
10:00 AM	2517
11:00 AM	2805
12:00 PM	3063
1:00 PM	3189
2:00 PM	3023
3:00 PM	3419
4:00 PM	3746
5:00 PM	4139
6:00 PM	3349
7:00 PM	2672
8:00 PM	2411
9:00 PM	1669
10:00 PM	1024
11:00 PM	531
Total	51328



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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Corona, CA 92878

City of Irvine
Jamboree Road
B/ Northbound Interstate 5 - Southbound Interstate 5

File Name 231
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/27/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	59	431			39	334				
12:15	54	408			29	341				
12:30	44	370			41	406				
12:45	39	409	196	1618	22	399	131	1480	327	3098
1:00	34	368			25	397				
1:15	24	404			11	395				
1:30	19	379			16	410				
1:45	25	392	102	1543	10	398	62	1600	164	3143
2:00	24	394			10	335				
2:15	24	433			11	357				
2:30	35	425			11	368				
2:45	25	443	108	1695	8	383	40	1443	148	3138
3:00	25	500			10	352				
3:15	14	530			7	371				
3:30	26	501			9	361				
3:45	48	530	113	2061	19	328	45	1412	158	3473
4:00	39	514			27	340				
4:15	41	593			32	389				
4:30	61	543			25	410				
4:45	57	632	198	2282	51	371	135	1510	333	3792
5:00	69	587			53	381				
5:15	89	633			93	474				
5:30	106	582			93	421				
5:45	162	685	426	2487	132	393	371	1669	797	4156
6:00	143	645			120	396				
6:15	170	502			142	442				
6:30	197	525			185	379				
6:45	260	497	770	2169	312	381	759	1598	1529	3767
7:00	260	404			335	378				
7:15	309	414			463	329				
7:30	277	409			668	294				
7:45	323	363	1169	1590	648	333	2114	1334	3283	2924
8:00	328	373			674	270				
8:15	394	341			754	284				
8:30	298	371			743	279				
8:45	331	294	1351	1379	685	247	2856	1080	4207	2459
9:00	297	268			486	223				
9:15	313	311			421	206				
9:30	296	270			426	158				
9:45	336	232	1242	1081	333	138	1666	725	2908	1806
10:00	291	252			343	127				
10:15	315	204			346	106				
10:30	314	162			308	70				
10:45	358	171	1278	789	301	72	1298	375	2576	1164
11:00	322	131			319	47				
11:15	343	79			358	68				
11:30	368	61			299	46				
11:45	408	71	1441	342	365	31	1341	192	2782	534
Totals	8394	19036			10818	14418				
Combined Totals		27430				25236				
ADT										52666
AM Peak Hour	1100	AM			800	AM				
Volume	1441				2856					
P.H.F.	0.883				0.947					
PM Peak Hour		515	PM			515	PM			
Volume		2545				1684				
P.H.F.		0.929				0.888				
Percentage	30.6%	69.4%			42.9%	57.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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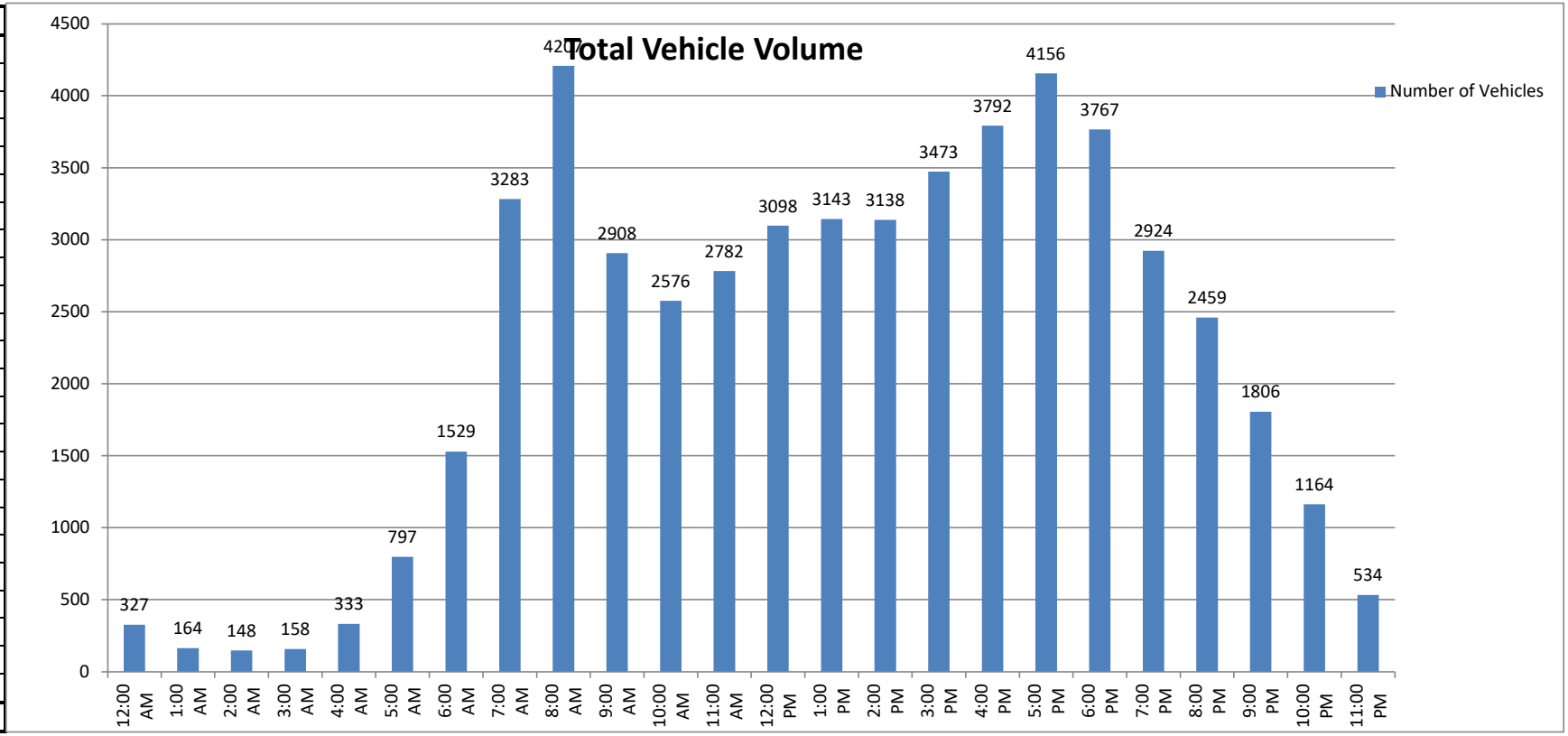
24 Hour Volume Plot

Jamboree Road

B/ Northbound Interstate 5 - Southbound Interstate 5

4/27/2023

Start Time	4/27/2023
12:00 AM	327
1:00 AM	164
2:00 AM	148
3:00 AM	158
4:00 AM	333
5:00 AM	797
6:00 AM	1529
7:00 AM	3283
8:00 AM	4207
9:00 AM	2908
10:00 AM	2576
11:00 AM	2782
12:00 PM	3098
1:00 PM	3143
2:00 PM	3138
3:00 PM	3473
4:00 PM	3792
5:00 PM	4156
6:00 PM	3767
7:00 PM	2924
8:00 PM	2459
9:00 PM	1806
10:00 PM	1164
11:00 PM	534
Total	52666



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Northbound Interstate 5 - Southbound Interstate 5

File Name 231
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	64	400			41	342				
12:15	53	425			29	340				
12:30	51	380			31	397				
12:45	40	399	208	1602	20	400	120	1479	328	3081
1:00	32	396			20	391				
1:15	25	398			11	378				
1:30	18	387			14	414				
1:45	34	406	109	1586	10	398	55	1580	164	3166
2:00	21	388			12	350				
2:15	22	411			11	341				
2:30	32	428			10	349				
2:45	21	452	95	1678	6	364	39	1403	133	3081
3:00	19	473			10	357				
3:15	16	508			8	348				
3:30	29	529			11	357				
3:45	46	519	108	2029	18	357	47	1418	155	3446
4:00	40	525			26	340				
4:15	45	578			28	369				
4:30	59	603			30	385				
4:45	60	601	203	2306	54	370	137	1463	340	3769
5:00	73	570			56	392				
5:15	82	648			92	440				
5:30	113	613			94	413				
5:45	148	664	416	2495	137	409	378	1653	794	4148
6:00	153	598			120	367				
6:15	170	496			142	411				
6:30	206	480			199	366				
6:45	253	490	781	2064	306	352	765	1495	1546	3558
7:00	249	405			340	340				
7:15	279	393			429	327				
7:30	284	375			627	301				
7:45	325	359	1137	1531	692	300	2088	1268	3224	2798
8:00	328	361			656	271				
8:15	378	367			738	297				
8:30	313	350			697	286				
8:45	330	276	1348	1354	656	229	2747	1082	4095	2435
9:00	322	273			491	215				
9:15	347	275			440	193				
9:30	312	265			439	153				
9:45	330	230	1310	1042	358	135	1727	696	3037	1738
10:00	291	233			328	120				
10:15	308	197			345	98				
10:30	315	164			304	69				
10:45	343	147	1256	741	315	67	1291	354	2547	1094
11:00	325	126			325	53				
11:15	349	90			355	55				
11:30	365	69			324	46				
11:45	393	67	1432	351	359	29	1362	182	2794	533
Totals	8399	18776			10754	14069				
Combined Totals		27175				24823				
ADT										51997
AM Peak Hour	1100	AM			745	AM				
Volume	1432				2783					
P.H.F.	0.911				0.943					
PM Peak Hour		515	PM			500	PM			
Volume		2523				1653				
P.H.F.		0.950				0.939				
Percentage	30.9%	69.1%			43.3%	56.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Jamboree Road
S/ Canyon View Avenue
24 Hour Directional Volume Count

ORN061
Site Code: 051-24139

Start Time	2/8/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	79			9	90				
12:15		5	122			3	80				
12:30		6	106			5	107				
12:45		2	102	23	409	3	106	20	383	43	792
01:00		3	118			2	100				
01:15		4	134			2	92				
01:30		1	124			5	91				
01:45		2	136	10	512	4	94	13	377	23	889
02:00		0	138			2	95				
02:15		0	168			1	93				
02:30		0	170			2	121				
02:45		1	187	1	663	3	120	8	429	9	1092
03:00		0	259			1	106				
03:15		0	277			3	108				
03:30		1	291			3	118				
03:45		1	324	2	1151	8	120	15	452	17	1603
04:00		4	341			9	104				
04:15		2	336			5	120				
04:30		2	**434**			14	114				
04:45		6	**394**	14	1505	16	**132**	44	470	58	1975
05:00		6	**441**			27	**132**				
05:15		17	**407**			30	**150**				
05:30		12	433			67	**140**				
05:45		6	346	41	1627	61	131	185	553	226	2180
06:00		22	341			71	124				
06:15		16	300			104	89				
06:30		29	288			178	120				
06:45		37	217	104	1146	186	77	539	410	643	1556
07:00		51	163			299	65				
07:15		73	140			**366**	60				
07:30		**88**	104			**402**	51				
07:45		**108**	81	320	488	**389**	58	1456	234	1776	722
08:00		**111**	71			**365**	50				
08:15		**139**	69			345	44				
08:30		83	63			317	36				
08:45		84	77	417	280	241	33	1268	163	1685	443
09:00		78	57			207	35				
09:15		62	44			150	41				
09:30		63	43			146	28				
09:45		55	44	258	188	107	24	610	128	868	316
10:00		71	29			93	30				
10:15		57	33			99	28				
10:30		75	25			85	15				
10:45		81	29	284	116	90	14	367	87	651	203
11:00		80	11			99	11				
11:15		96	8			76	5				
11:30		89	10			92	6				
11:45		96	14	361	43	93	8	360	30	721	73
Total		1835	8128	1835	8128	4885	3716	4885	3716	6720	11844
Combined Total		9963		9963		8601		8601		18564	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	446	-	-	-	1522	-	-	-	-	-
P.H.F.		0.802				0.947					
PM Peak	-	-	04:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	1676	-	-	-	554	-	-	-	-
P.H.F.			0.950				0.923				
Percentage		18.4%	81.6%			56.8%	43.2%				
ADT/AADT		ADT 18,564		AADT 18,564							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Jamboree Road
S/ Chapman Avenue
24 Hour Directional Volume Count

ORN062
Site Code: 051-24139

Start Time	2/8/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	74			7	77				
12:15		3	89			1	78				
12:30		5	90			9	87				
12:45		2	105	18	358	1	86	18	328	36	686
01:00		4	88			2	88				
01:15		3	110			2	71				
01:30		1	99			5	86				
01:45		1	107	9	404	2	90	11	335	20	739
02:00		0	127			3	94				
02:15		0	130			0	85				
02:30		0	143			3	127				
02:45		1	161	1	561	3	115	9	421	10	982
03:00		0	184			1	100				
03:15		0	222			3	142				
03:30		1	238			2	123				
03:45		1	249	2	893	8	139	14	504	16	1397
04:00		4	290			6	125				
04:15		4	259			3	140				
04:30		4	**357**			7	144				
04:45		7	**312**	19	1218	11	137	27	546	46	1764
05:00		6	**344**			17	**139**				
05:15		17	**337**			22	**150**				
05:30		14	332			56	**156**				
05:45		13	315	50	1328	52	**156**	147	601	197	1929
06:00		23	246			68	95				
06:15		17	247			75	86				
06:30		37	211			134	89				
06:45		44	179	121	883	165	86	442	356	563	1239
07:00		60	155			**240**	65				
07:15		87	104			**282**	52				
07:30		100	88			**288**	42				
07:45		**125**	66	372	413	**278**	54	1088	213	1460	626
08:00		**124**	49			237	57				
08:15		**112**	45			237	35				
08:30		**112**	46			241	38				
08:45		100	50	448	190	216	31	931	161	1379	351
09:00		77	35			120	42				
09:15		66	32			135	42				
09:30		72	23			123	27				
09:45		64	36	279	126	74	22	452	133	731	259
10:00		63	17			85	24				
10:15		77	22			82	23				
10:30		79	22			82	11				
10:45		62	22	281	83	85	6	334	64	615	147
11:00		86	8			86	6				
11:15		68	5			67	4				
11:30		77	5			89	7				
11:45		85	11	316	29	96	6	338	23	654	52
Total		1916	6486	1916	6486	3811	3685	3811	3685	5727	10171
Combined Total		8402		8402		7496		7496		15898	
AM Peak	-	07:45	-	-	-	07:00	-	-	-	-	-
Vol.	-	473	-	-	-	1088	-	-	-	-	-
P.H.F.		0.946				0.944					
PM Peak	-	-	04:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	1350	-	-	-	601	-	-	-	-
P.H.F.			0.945				0.963				
Percentage		22.8%	77.2%			50.8%	49.2%				
ADT/AADT		ADT 15,898		AADT 15,898							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Jamboree Road
S/ Tustin Ranch Road
24 Hour Directional Volume Count

TUS060
Site Code: 051-24139

Start Time	4/18/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		12	129			0	124				
12:15		3	95			5	102				
12:30		2	112			5	99				
12:45		3	124	20	460	1	96	11	421	31	881
01:00		4	123			5	87				
01:15		2	141			5	121				
01:30		3	108			3	103				
01:45		1	111	10	483	5	98	18	409	28	892
02:00		4	152			3	96				
02:15		0	120			1	87				
02:30		4	201			1	96				
02:45		4	191	12	664	4	107	9	386	21	1050
03:00		0	215			3	128				
03:15		2	206			3	111				
03:30		1	195			6	110				
03:45		1	226	4	842	5	112	17	461	21	1303
04:00		1	**270**			7	120				
04:15		4	**232**			10	127				
04:30		5	**248**			9	109				
04:45		8	**257**	18	1007	25	118	51	474	69	1481
05:00		5	254			17	128				
05:15		10	209			33	121				
05:30		22	223			56	**145**				
05:45		64	258	101	944	72	**121**	178	515	279	1459
06:00		30	214			77	**138**				
06:15		27	210			89	**129**				
06:30		52	230			151	101				
06:45		45	190	154	844	171	72	488	440	642	1284
07:00		64	149			256	96				
07:15		82	150			294	61				
07:30		96	120			**332**	63				
07:45		**155**	124	397	543	**312**	64	1194	284	1591	827
08:00		**163**	59			**293**	59				
08:15		**116**	106			**305**	48				
08:30		**129**	80			255	39				
08:45		70	69	478	314	249	30	1102	176	1580	490
09:00		89	78			173	44				
09:15		86	60			157	39				
09:30		98	56			126	47				
09:45		88	55	361	249	135	18	591	148	952	397
10:00		76	39			102	31				
10:15		80	38			109	36				
10:30		96	26			88	22				
10:45		95	29	347	132	79	11	378	100	725	232
11:00		91	20			91	15				
11:15		94	13			71	11				
11:30		86	18			115	0				
11:45		120	12	391	63	94	6	371	32	762	95
Total		2293	6545	2293	6545	4408	3846	4408	3846	6701	10391
Combined Total		8838		8838		8254		8254		17092	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	563	-	-	-	1242	-	-	-	-	-
P.H.F.		0.863				0.935					
PM Peak	-	-	04:00	-	-	-	05:30	-	-	-	-
Vol.	-	-	1007	-	-	-	533	-	-	-	-
P.H.F.			0.932				0.919				
Percentage		25.9%	74.1%			53.4%	46.6%				
ADT/AADT		ADT 17,092		AADT 17,092							

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PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Southbound Interstate 5 - Bryan Avenue

File Name 232
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/26/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	47	363			44	318				
12:15	37	370			52	358				
12:30	37	367			23	355				
12:45	33	382	154	1482	18	351	137	1382	291	2864
1:00	28	359			20	339				
1:15	15	417			12	358				
1:30	17	315			9	378				
1:45	11	347	71	1438	13	448	54	1523	125	2961
2:00	15	369			9	337				
2:15	13	404			8	335				
2:30	7	382			5	270				
2:45	5	400	40	1555	4	377	26	1319	66	2874
3:00	7	450			5	306				
3:15	5	482			13	375				
3:30	18	451			10	286				
3:45	14	514	44	1897	13	347	41	1314	85	3211
4:00	21	499			20	300				
4:15	14	578			17	332				
4:30	8	620			31	306				
4:45	19	613	62	2310	61	329	129	1267	191	3577
5:00	20	624			63	280				
5:15	31	675			93	349				
5:30	46	626			97	344				
5:45	51	632	148	2557	140	317	393	1290	541	3847
6:00	75	650			132	277				
6:15	65	606			149	331				
6:30	91	585			217	309				
6:45	92	534	323	2375	293	298	791	1215	1114	3590
7:00	119	458			339	278				
7:15	107	441			415	297				
7:30	157	405			529	285				
7:45	196	400	579	1704	584	281	1867	1141	2446	2845
8:00	175	371			524	252				
8:15	174	406			584	273				
8:30	213	327			560	278				
8:45	214	313	776	1417	570	195	2238	998	3014	2415
9:00	214	287			419	163				
9:15	245	253			465	175				
9:30	206	249			369	125				
9:45	226	189	891	978	372	152	1625	615	2516	1593
10:00	209	198			316	121				
10:15	212	156			340	100				
10:30	218	135			298	81				
10:45	266	104	905	593	349	60	1303	362	2208	955
11:00	269	94			305	55				
11:15	293	73			349	61				
11:30	321	59			324	49				
11:45	332	61	1215	287	361	41	1339	206	2554	493
Totals	5208	18593			9943	12632				
Combined Totals		23801				22575				
ADT										46376
AM Peak Hour	1100	AM			745	AM				
Volume	1215				2252					
P.H.F.	0.915				0.964					
PM Peak Hour		515	PM			100	PM			
Volume		2583				1523				
P.H.F.		0.957				0.850				
Percentage	21.9%	78.1%			44.0%	56.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

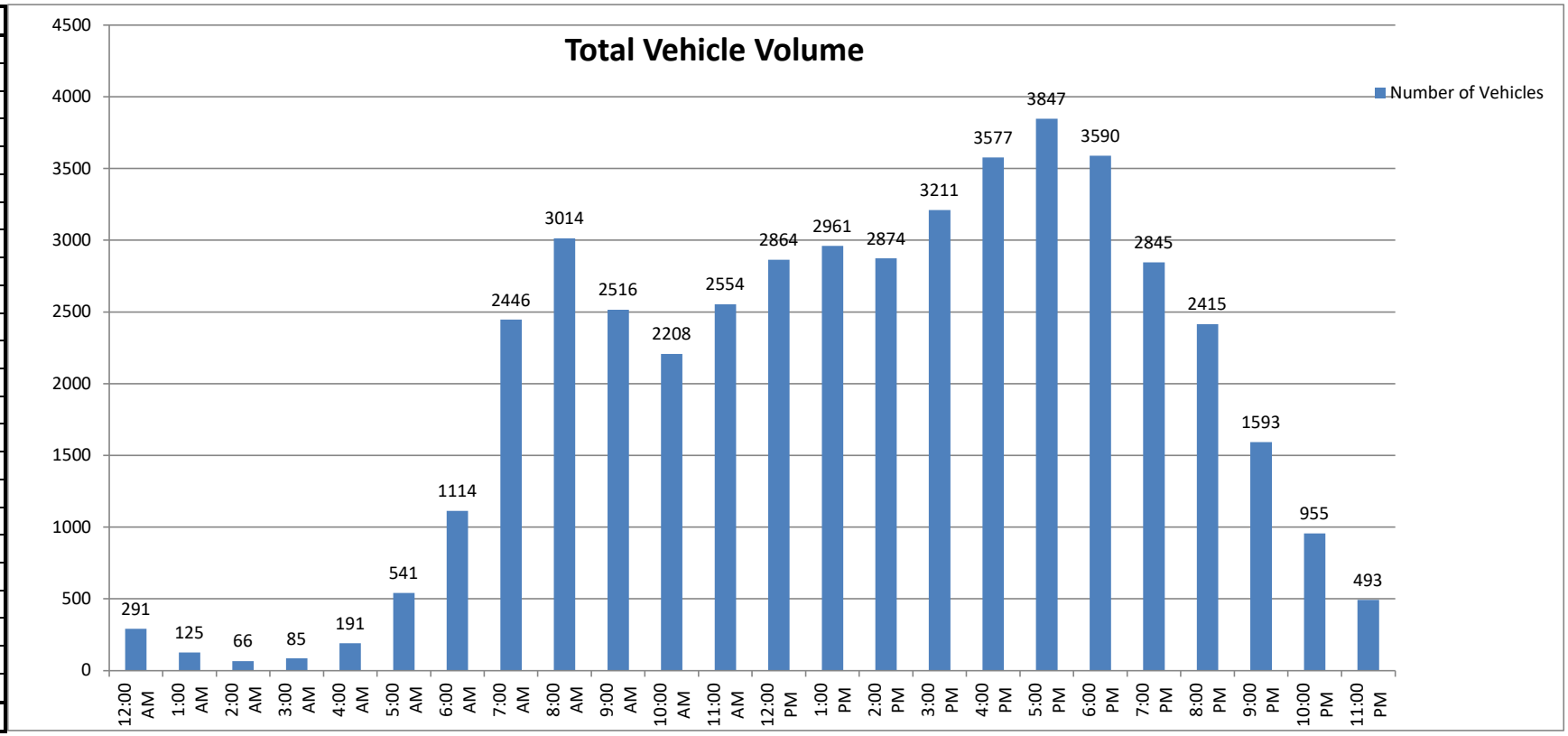
24 Hour Volume Plot

Jamboree Road

B/ Southbound Interstate 5 - Bryan Avenue

4/26/2023

Start Time	4/26/2023
12:00 AM	291
1:00 AM	125
2:00 AM	66
3:00 AM	85
4:00 AM	191
5:00 AM	541
6:00 AM	1114
7:00 AM	2446
8:00 AM	3014
9:00 AM	2516
10:00 AM	2208
11:00 AM	2554
12:00 PM	2864
1:00 PM	2961
2:00 PM	2874
3:00 PM	3211
4:00 PM	3577
5:00 PM	3847
6:00 PM	3590
7:00 PM	2845
8:00 PM	2415
9:00 PM	1593
10:00 PM	955
11:00 PM	493
Total	46376



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Southbound Interstate 5 - Bryan Avenue

File Name 232
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/27/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	53	384			47	307				
12:15	41	378			31	355				
12:30	33	361			39	349				
12:45	19	403	146	1526	17	352	134	1363	280	2889
1:00	21	363			19	352				
1:15	14	372			5	371				
1:30	14	395			14	345				
1:45	22	418	71	1548	5	354	43	1422	114	2970
2:00	13	389			11	297				
2:15	16	450			6	362				
2:30	13	485			12	296				
2:45	13	388	55	1712	4	383	33	1338	88	3050
3:00	11	453			8	360				
3:15	8	470			8	397				
3:30	12	494			9	297				
3:45	19	526	50	1943	12	320	37	1374	87	3317
4:00	13	515			22	319				
4:15	13	631			20	335				
4:30	10	592			24	312				
4:45	16	630	52	2368	54	299	120	1265	172	3633
5:00	18	659			60	312				
5:15	28	631			93	389				
5:30	36	646			105	316				
5:45	65	682	147	2618	118	331	376	1348	523	3966
6:00	48	644			149	275				
6:15	67	664			165	333				
6:30	79	635			207	296				
6:45	95	581	289	2524	325	309	846	1213	1135	3737
7:00	117	443			325	322				
7:15	150	512			462	326				
7:30	166	432			502	301				
7:45	189	400	622	1787	542	312	1831	1261	2453	3048
8:00	201	362			492	266				
8:15	226	375			644	278				
8:30	184	398			533	233				
8:45	181	285	792	1420	475	232	2144	1009	2936	2429
9:00	204	296			379	206				
9:15	175	317			404	178				
9:30	169	239			388	162				
9:45	190	211	738	1063	362	132	1533	678	2271	1741
10:00	184	203			314	135				
10:15	236	184			350	130				
10:30	222	123			308	86				
10:45	274	127	916	637	315	82	1287	433	2203	1070
11:00	279	105			301	68				
11:15	292	69			349	70				
11:30	335	63			289	58				
11:45	324	60	1230	297	417	48	1356	244	2586	541
Totals	5108	19443			9740	12948				
Combined Totals		24551				22688				
ADT										47239
AM Peak Hour	1100	AM			745	AM				
Volume	1230				2211					
P.H.F.	0.918				0.858					
PM Peak Hour		530	PM			245	PM			
Volume		2636				1437				
P.H.F.		0.966				0.905				
Percentage	20.8%	79.2%			42.9%	57.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

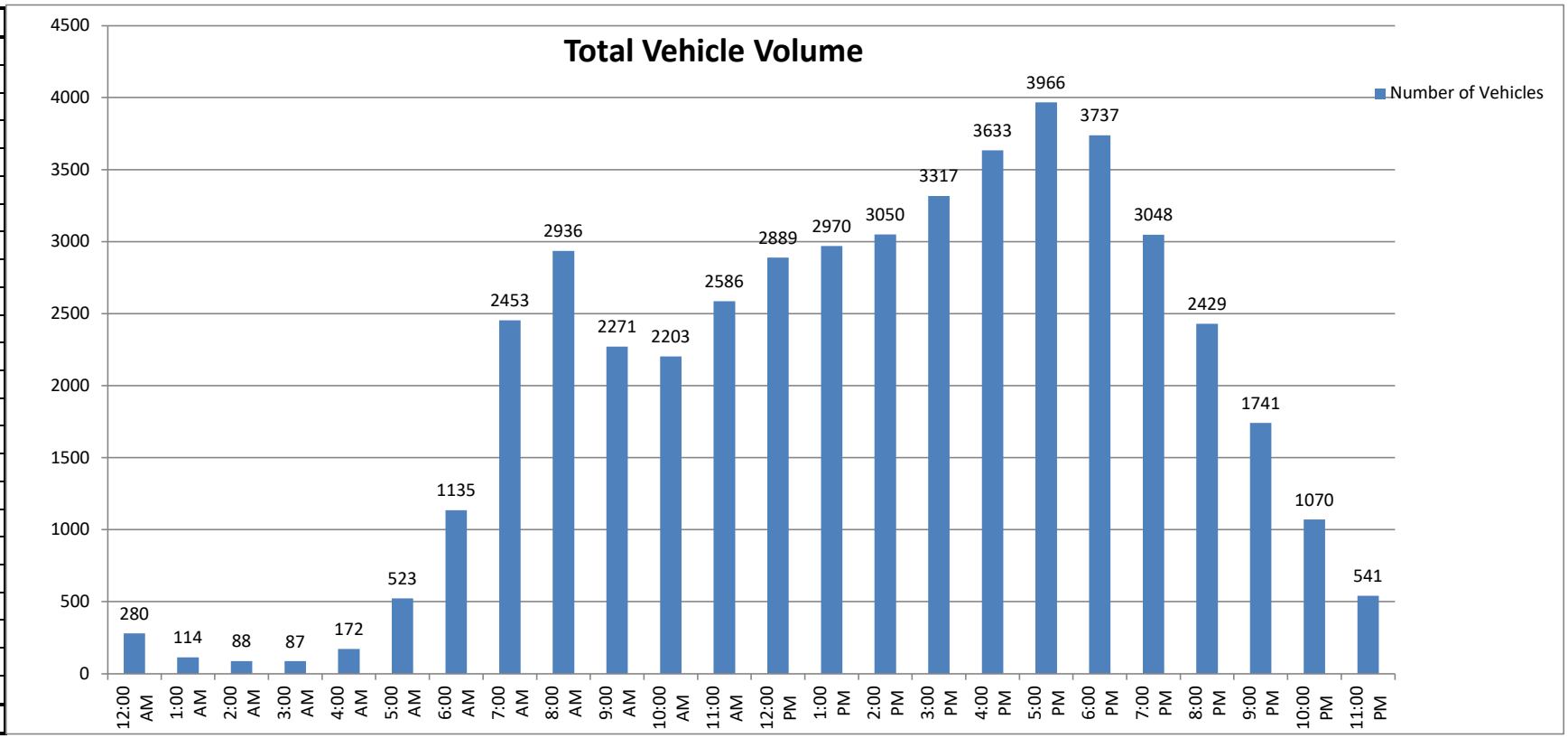
24 Hour Volume Plot

Jamboree Road

B/ Southbound Interstate 5 - Bryan Avenue

4/27/2023

Start Time	4/27/2023
12:00 AM	280
1:00 AM	114
2:00 AM	88
3:00 AM	87
4:00 AM	172
5:00 AM	523
6:00 AM	1135
7:00 AM	2453
8:00 AM	2936
9:00 AM	2271
10:00 AM	2203
11:00 AM	2586
12:00 PM	2889
1:00 PM	2970
2:00 PM	3050
3:00 PM	3317
4:00 PM	3633
5:00 PM	3966
6:00 PM	3737
7:00 PM	3048
8:00 PM	2429
9:00 PM	1741
10:00 PM	1070
11:00 PM	541
Total	47239



Volumes represent the combined totals for both directions

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City of Irvine
Jamboree Road
B/ Southbound Interstate 5 - Bryan Avenue

File Name 232
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	50	374			46	313				
12:15	39	374			42	357				
12:30	35	364			31	352				
12:45	26	393	150	1504	18	352	136	1373	286	2877
1:00	25	361			20	346				
1:15	15	395			9	365				
1:30	16	355			12	362				
1:45	17	383	71	1493	9	401	49	1473	120	2966
2:00	14	379			10	317				
2:15	15	427			7	349				
2:30	10	434			9	283				
2:45	9	394	48	1634	4	380	30	1329	77	2962
3:00	9	452			7	333				
3:15	7	476			11	386				
3:30	15	473			10	292				
3:45	17	520	47	1920	13	334	39	1344	86	3264
4:00	17	507			21	310				
4:15	14	605			19	334				
4:30	9	606			28	309				
4:45	18	622	57	2339	58	314	125	1266	182	3605
5:00	19	642			62	296				
5:15	30	653			93	369				
5:30	41	636			101	330				
5:45	58	657	148	2588	129	324	385	1319	532	3907
6:00	62	647			141	276				
6:15	66	635			157	332				
6:30	85	610			212	303				
6:45	94	558	306	2450	309	304	819	1214	1125	3664
7:00	118	451			332	300				
7:15	129	477			439	312				
7:30	162	419			516	293				
7:45	193	400	601	1746	563	297	1849	1201	2450	2947
8:00	188	367			508	259				
8:15	200	391			614	276				
8:30	199	363			547	256				
8:45	198	299	784	1419	523	214	2191	1004	2975	2422
9:00	209	292			399	185				
9:15	210	285			435	177				
9:30	188	244			379	144				
9:45	208	200	815	1021	367	142	1579	647	2394	1667
10:00	197	201			315	128				
10:15	224	170			345	115				
10:30	220	129			303	84				
10:45	270	116	911	615	332	71	1295	398	2206	1013
11:00	274	100			303	62				
11:15	293	71			349	66				
11:30	328	61			307	54				
11:45	328	61	1223	292	389	45	1348	225	2570	517
Totals	5158	19018			9842	12790				
Combined Totals		24176				22632				
ADT										46808
AM Peak Hour	1100	AM			745	AM				
Volume	1223				2232					
P.H.F.	0.932				0.909					
PM Peak Hour		515	PM			100	PM			
Volume		2593				1473				
P.H.F.		0.987				0.918				
Percentage	21.3%	78.7%			43.5%	56.5%				

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City of Irvine
Jamboree Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 230
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/26/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	44	442			23	229				
12:15	52	471			22	230				
12:30	40	476			10	257				
12:45	31	448	167	1837	18	214	73	930	240	2767
1:00	28	537			12	246				
1:15	19	466			11	211				
1:30	22	512			12	261				
1:45	21	476	90	1991	14	256	49	974	139	2965
2:00	17	506			11	243				
2:15	17	511			12	229				
2:30	12	605			10	231				
2:45	5	550	51	2172	8	224	41	927	92	3099
3:00	11	598			17	263				
3:15	14	621			21	195				
3:30	18	694			30	276				
3:45	25	648	68	2561	32	223	100	957	168	3518
4:00	27	728			44	252				
4:15	36	754			37	249				
4:30	38	759			46	271				
4:45	45	717	146	2958	86	247	213	1019	359	3977
5:00	54	768			78	329				
5:15	53	762			121	289				
5:30	94	775			117	315				
5:45	111	797	312	3102	163	277	479	1210	791	4312
6:00	132	693			126	283				
6:15	168	604			132	243				
6:30	201	541			152	259				
6:45	237	500	738	2338	231	211	641	996	1379	3334
7:00	298	459			265	198				
7:15	259	410			290	214				
7:30	304	372			404	174				
7:45	305	374	1166	1615	518	178	1477	764	2643	2379
8:00	349	383			471	152				
8:15	373	351			505	176				
8:30	339	294			452	135				
8:45	319	244	1380	1272	455	121	1883	584	3263	1856
9:00	325	256			358	121				
9:15	412	235			348	97				
9:30	394	235			356	103				
9:45	356	184	1487	910	346	87	1408	408	2895	1318
10:00	323	191			278	76				
10:15	353	163			259	58				
10:30	348	119			264	47				
10:45	363	91	1387	564	251	41	1052	222	2439	786
11:00	367	98			244	32				
11:15	397	86			240	41				
11:30	409	57			279	27				
11:45	439	51	1612	292	235	32	998	132	2610	424
Totals	8604	21612			8414	9123				
Combined Totals		30216				17537				
ADT										47753
AM Peak Hour	1100	AM			745	AM				
Volume	1612				1946					
P.H.F.	0.918				0.939					
PM Peak Hour		500	PM			500	PM			
Volume		3102				1210				
P.H.F.		0.973				0.919				
Percentage	28.5%	71.5%			48.0%	52.0%				

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Corona, CA 92878

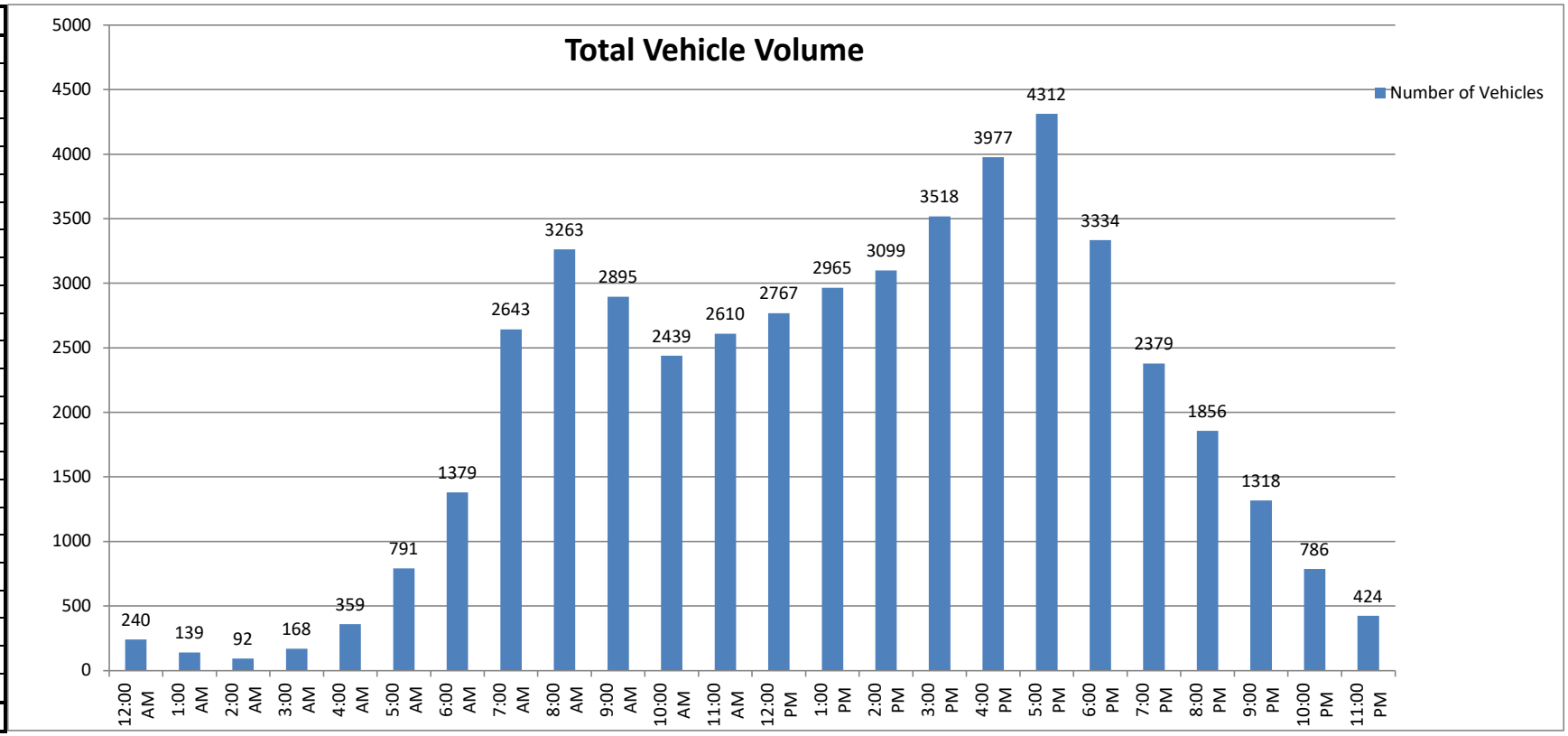
24 Hour Volume Plot

Jamboree Road

B/ Walnut Avenue - Northbound Interstate 5

4/26/2023

Start Time	4/26/2023
12:00 AM	240
1:00 AM	139
2:00 AM	92
3:00 AM	168
4:00 AM	359
5:00 AM	791
6:00 AM	1379
7:00 AM	2643
8:00 AM	3263
9:00 AM	2895
10:00 AM	2439
11:00 AM	2610
12:00 PM	2767
1:00 PM	2965
2:00 PM	3099
3:00 PM	3518
4:00 PM	3977
5:00 PM	4312
6:00 PM	3334
7:00 PM	2379
8:00 PM	1856
9:00 PM	1318
10:00 PM	786
11:00 PM	424
Total	47753



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jamboree Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 230
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
4/27/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	60	490			26	254				
12:15	45	448			19	243				
12:30	41	436			21	268				
12:45	35	437	181	1811	16	283	82	1048	263	2859
1:00	30	482			11	255				
1:15	16	493			12	235				
1:30	25	496			17	271				
1:45	21	502	92	1973	17	239	57	1000	149	2973
2:00	23	503			10	249				
2:15	16	508			16	245				
2:30	20	621			11	234				
2:45	24	551	83	2183	15	248	52	976	135	3159
3:00	17	673			18	275				
3:15	18	625			17	206				
3:30	16	665			29	269				
3:45	33	680	84	2643	34	229	98	979	182	3622
4:00	22	716			23	269				
4:15	29	678			58	285				
4:30	45	729			47	307				
4:45	34	729	130	2852	88	295	216	1156	346	4008
5:00	67	783			75	317				
5:15	72	749			92	313				
5:30	82	670			119	334				
5:45	116	683	337	2885	172	271	458	1235	795	4120
6:00	142	644			148	321				
6:15	169	617			141	276				
6:30	228	610			168	296				
6:45	287	553	826	2424	234	233	691	1126	1517	3550
7:00	276	501			225	236				
7:15	304	426			312	222				
7:30	302	465			471	188				
7:45	303	402	1185	1794	505	198	1513	844	2698	2638
8:00	387	371			508	160				
8:15	388	342			509	154				
8:30	307	370			511	157				
8:45	344	302	1426	1385	481	144	2009	615	3435	2000
9:00	323	278			405	139				
9:15	342	266			332	130				
9:30	335	248			345	100				
9:45	347	234	1347	1026	264	68	1346	437	2693	1463
10:00	329	234			271	94				
10:15	361	153			271	77				
10:30	375	132			236	52				
10:45	390	133	1455	652	265	60	1043	283	2498	935
11:00	397	95			248	39				
11:15	401	69			274	36				
11:30	445	62			251	30				
11:45	460	75	1703	301	246	30	1019	135	2722	436
Totals	8849	21929			8584	9834				
Combined Totals		30778				18418				
ADT										49196
AM Peak Hour	1100	AM			745	AM				
Volume	1703				2033					
P.H.F.	0.926				0.995					
PM Peak Hour		430	PM			445	PM			
Volume		2990				1259				
P.H.F.		0.955				0.942				
Percentage	28.8%	71.2%			46.6%	53.4%				

Counts Unlimited, Inc.
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Corona, CA 92878

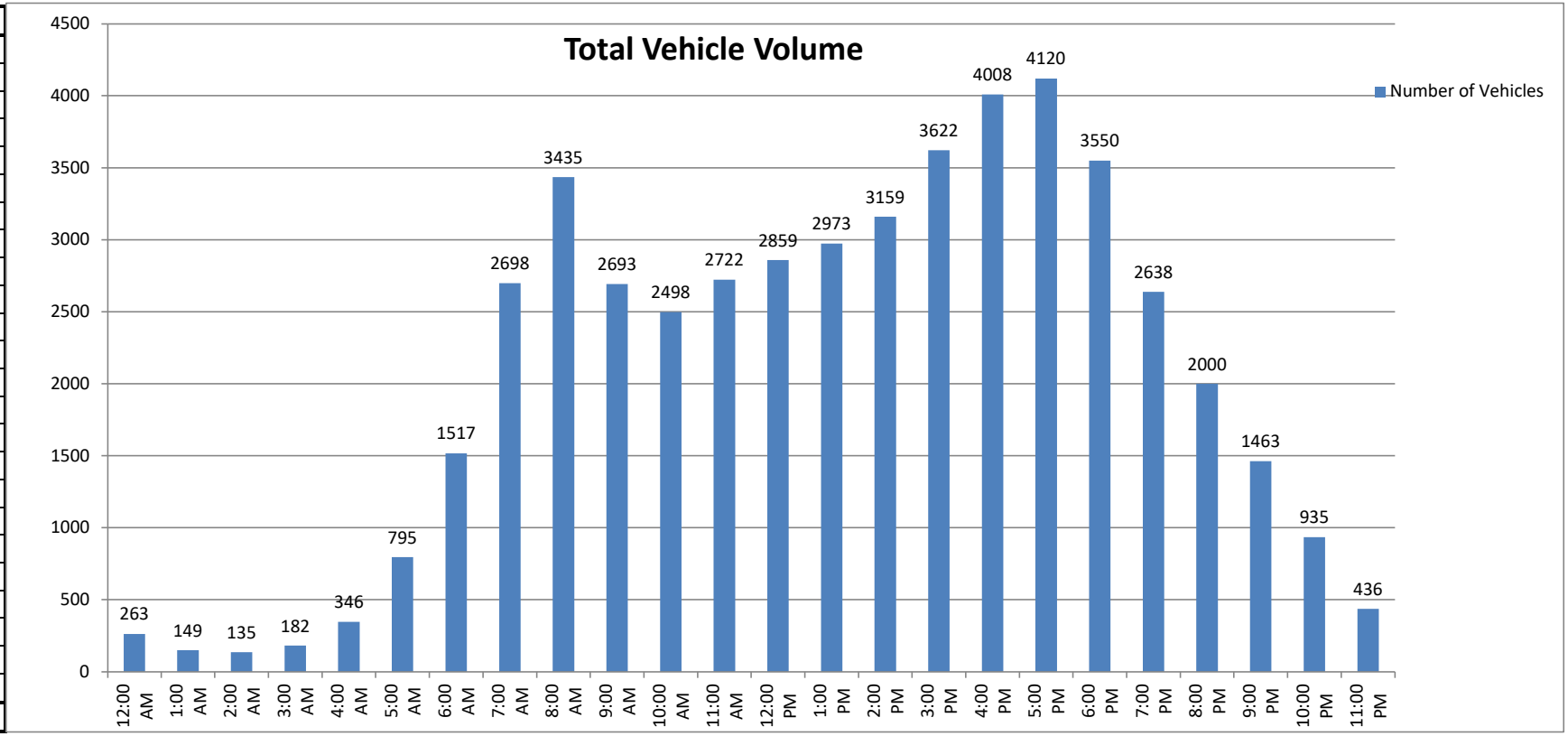
24 Hour Volume Plot

Jamboree Road

B/ Walnut Avenue - Northbound Interstate 5

4/27/2023

Start Time	4/27/2023
12:00 AM	263
1:00 AM	149
2:00 AM	135
3:00 AM	182
4:00 AM	346
5:00 AM	795
6:00 AM	1517
7:00 AM	2698
8:00 AM	3435
9:00 AM	2693
10:00 AM	2498
11:00 AM	2722
12:00 PM	2859
1:00 PM	2973
2:00 PM	3159
3:00 PM	3622
4:00 PM	4008
5:00 PM	4120
6:00 PM	3550
7:00 PM	2638
8:00 PM	2000
9:00 PM	1463
10:00 PM	935
11:00 PM	436
Total	49196



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Jamboree Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 230
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	52	466			25	242				
12:15	49	460			21	237				
12:30	41	456			16	263				
12:45	33	443	174	1824	17	249	78	989	252	2813
1:00	29	510			12	251				
1:15	18	480			12	223				
1:30	24	504			15	266				
1:45	21	489	91	1982	16	248	53	987	144	2969
2:00	20	505			11	246				
2:15	17	510			14	237				
2:30	16	613			11	233				
2:45	15	551	67	2178	12	236	47	952	114	3129
3:00	14	636			18	269				
3:15	16	623			19	201				
3:30	17	680			30	273				
3:45	29	664	76	2602	33	226	99	968	175	3570
4:00	25	722			34	261				
4:15	33	716			48	267				
4:30	42	744			47	289				
4:45	40	723	138	2905	87	271	215	1088	353	3993
5:00	61	776			77	323				
5:15	63	756			107	301				
5:30	88	723			118	325				
5:45	114	740	325	2994	168	274	469	1223	793	4216
6:00	137	669			137	302				
6:15	169	611			137	260				
6:30	215	576			160	278				
6:45	262	527	782	2381	233	222	666	1061	1448	3442
7:00	287	480			245	217				
7:15	282	418			301	218				
7:30	303	419			438	181				
7:45	304	388	1176	1705	512	188	1495	804	2671	2509
8:00	368	377			490	156				
8:15	381	347			507	165				
8:30	323	332			482	146				
8:45	332	273	1403	1329	468	133	1946	600	3349	1928
9:00	324	267			382	130				
9:15	377	251			340	114				
9:30	365	242			351	102				
9:45	352	209	1417	968	305	78	1377	423	2794	1391
10:00	326	213			275	85				
10:15	357	158			265	68				
10:30	362	126			250	50				
10:45	377	112	1421	608	258	51	1048	253	2469	861
11:00	382	97			246	36				
11:15	399	78			257	39				
11:30	427	60			265	29				
11:45	450	63	1658	297	241	31	1009	134	2666	430
Totals	8727	21771			8499	9479				
Combined Totals		30497				17978				
ADT										48475
AM Peak Hour	1100	AM			745	AM				
Volume	1658				1990					
P.H.F.	0.922				0.972					
PM Peak Hour		430	PM			500	PM			
Volume		2998				1223				
P.H.F.		0.966				0.942				
Percentage	28.6%	71.4%			47.3%	52.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Alton Parkway - Barranca Parkway

File Name 236
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	34	245			24	318				
12:15	34	306			24	307				
12:30	32	272			18	312				
12:45	21	328	121	1151	13	302	79	1239	200	2390
1:00	19	318			24	343				
1:15	11	334			5	304				
1:30	9	314			11	318				
1:45	9	326	48	1292	10	328	50	1293	98	2585
2:00	7	292			8	282				
2:15	8	292			9	323				
2:30	6	338			4	310				
2:45	5	297	26	1219	6	356	27	1271	53	2490
3:00	7	299			8	330				
3:15	5	362			6	358				
3:30	2	286			10	314				
3:45	9	352	23	1299	12	332	36	1334	59	2633
4:00	8	315			12	336				
4:15	10	288			13	324				
4:30	12	333			22	356				
4:45	16	303	46	1239	42	409	89	1425	135	2664
5:00	37	375			64	398				
5:15	32	340			54	362				
5:30	34	391			70	364				
5:45	56	300	159	1406	102	382	290	1506	449	2912
6:00	40	341			74	354				
6:15	56	284			110	286				
6:30	81	398			158	283				
6:45	88	302	265	1325	151	260	493	1183	758	2508
7:00	147	272			160	236				
7:15	142	258			234	236				
7:30	199	260			367	171				
7:45	272	173	760	963	370	185	1131	828	1891	1791
8:00	234	212			370	170				
8:15	248	186			373	166				
8:30	274	150			405	150				
8:45	296	172	1052	720	359	124	1507	610	2559	1330
9:00	296	156			320	130				
9:15	268	128			266	164				
9:30	214	121			262	108				
9:45	204	97	982	502	242	100	1090	502	2072	1004
10:00	189	114			243	84				
10:15	219	87			268	74				
10:30	236	80			262	46				
10:45	330	75	974	356	295	54	1068	258	2042	614
11:00	262	64			295	48				
11:15	236	52			297	50				
11:30	234	57			246	39				
11:45	254	44	986	217	282	34	1120	171	2106	388
Totals	5442	11689			6980	11620				
Combined Totals		17131				18600				
ADT										35731
AM Peak Hour	830	AM			745	AM				
Volume	1134				1518					
P.H.F.	0.958				0.937					
PM Peak Hour		445	PM			445	PM			
Volume		1409				1533				
P.H.F.		0.901				0.937				
Percentage	31.8%	68.2%			37.5%	62.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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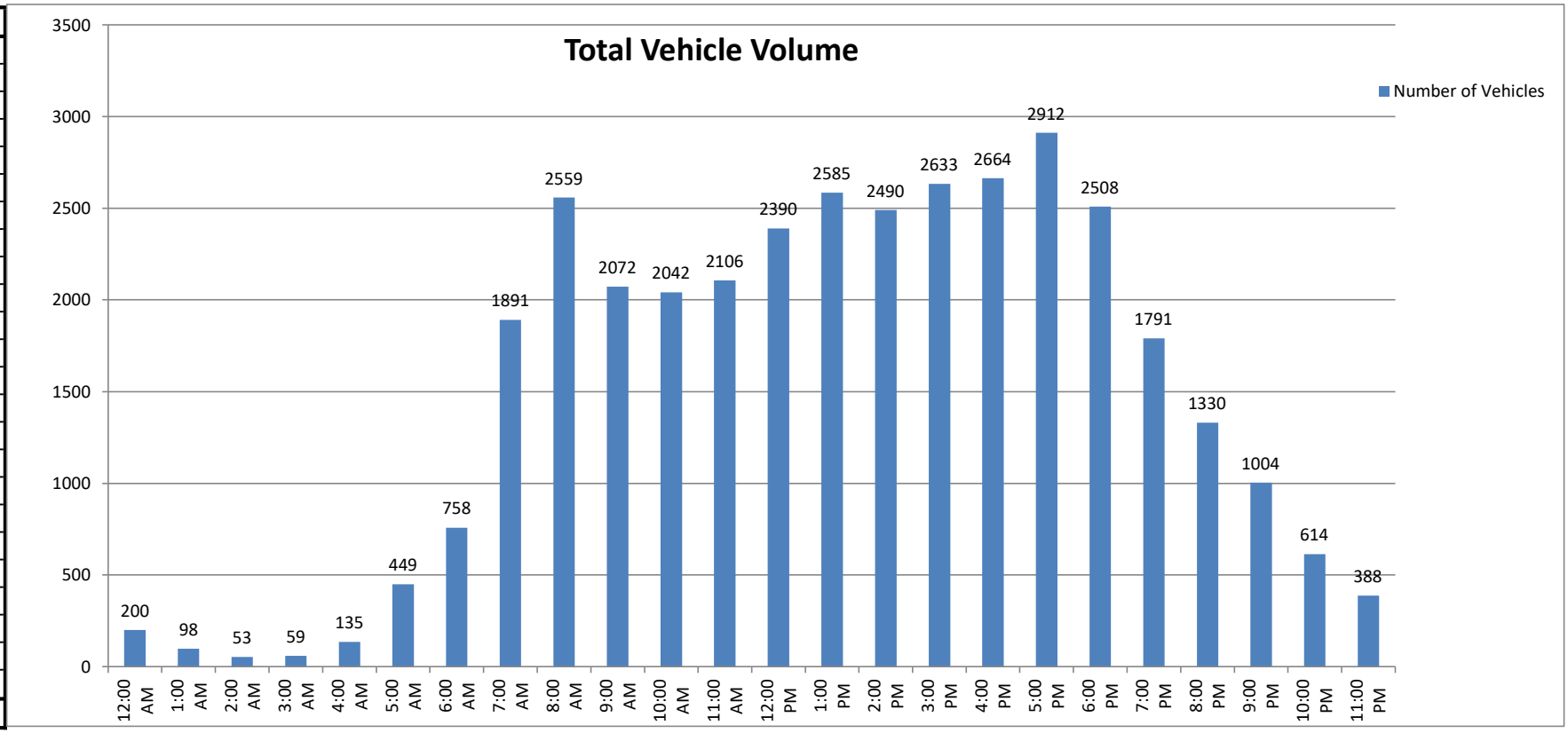
24 Hour Volume Plot

Jeffrey Road

B/ Alton Parkway - Barranca Parkway

5/1/2024

Start Time	5/1/2024
12:00 AM	200
1:00 AM	98
2:00 AM	53
3:00 AM	59
4:00 AM	135
5:00 AM	449
6:00 AM	758
7:00 AM	1891
8:00 AM	2559
9:00 AM	2072
10:00 AM	2042
11:00 AM	2106
12:00 PM	2390
1:00 PM	2585
2:00 PM	2490
3:00 PM	2633
4:00 PM	2664
5:00 PM	2912
6:00 PM	2508
7:00 PM	1791
8:00 PM	1330
9:00 PM	1004
10:00 PM	614
11:00 PM	388
Total	35731



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Alton Parkway - Barranca Parkway

File Name 236
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	236			15	320				
12:15	30	260			23	312				
12:30	29	294			20	308				
12:45	26	293	114	1083	20	285	78	1225	192	2308
1:00	9	230			14	283				
1:15	23	248			8	278				
1:30	21	325			9	289				
1:45	11	299	64	1102	10	276	41	1126	105	2228
2:00	12	326			10	301				
2:15	9	318			10	282				
2:30	7	354			6	271				
2:45	5	316	33	1314	5	306	31	1160	64	2474
3:00	5	286			10	292				
3:15	7	348			10	349				
3:30	1	300			9	320				
3:45	9	400	22	1334	14	279	43	1240	65	2574
4:00	8	289			10	320				
4:15	8	338			16	306				
4:30	14	328			24	346				
4:45	17	294	47	1249	50	294	100	1266	147	2515
5:00	16	372			36	338				
5:15	26	350			50	334				
5:30	32	418			75	296				
5:45	36	304	110	1444	106	361	267	1329	377	2773
6:00	36	316			66	292				
6:15	61	310			84	327				
6:30	92	350			146	302				
6:45	114	284	303	1260	160	250	456	1171	759	2431
7:00	128	285			181	233				
7:15	181	246			236	228				
7:30	192	266			309	207				
7:45	275	185	776	982	348	160	1074	828	1850	1810
8:00	260	224			368	164				
8:15	294	174			368	160				
8:30	226	210			418	156				
8:45	237	194	1017	802	380	132	1534	612	2551	1414
9:00	202	152			288	140				
9:15	248	164			272	154				
9:30	239	140			310	118				
9:45	222	134	911	590	235	124	1105	536	2016	1126
10:00	194	142			232	86				
10:15	204	112			267	80				
10:30	264	82			256	66				
10:45	274	90	936	426	290	57	1045	289	1981	715
11:00	238	58			258	30				
11:15	250	80			284	40				
11:30	194	39			221	37				
11:45	254	48	936	225	281	36	1044	143	1980	368
Totals	5269	11811			6818	10925				
Combined Totals		17080				17743				
ADT										34823
AM Peak Hour	745	AM			800	AM				
Volume	1055				1534					
P.H.F.	0.897				0.917					
PM Peak Hour		500	PM			500	PM			
Volume		1444				1329				
P.H.F.		0.864				0.920				
Percentage	30.8%	69.2%			38.4%	61.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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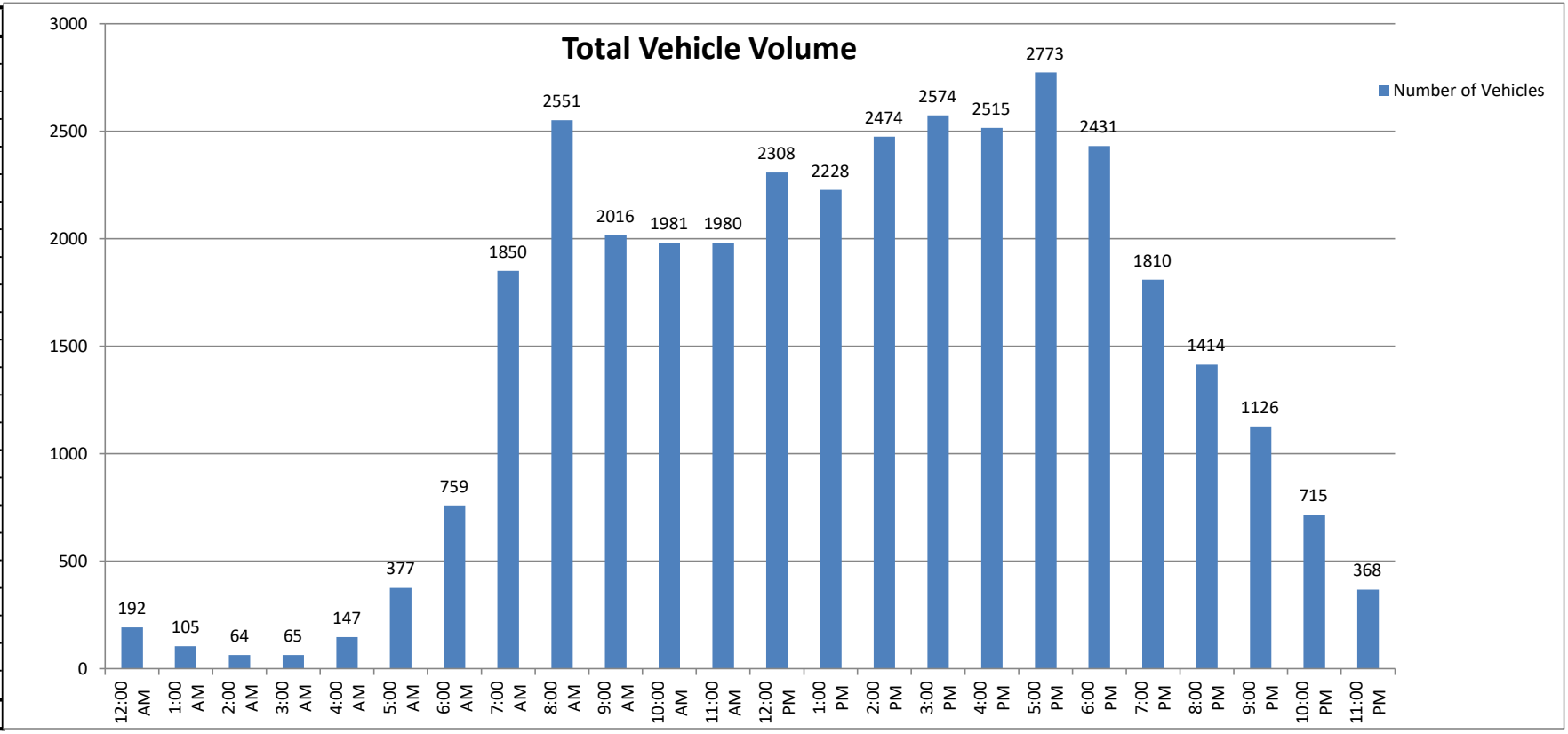
24 Hour Volume Plot

Jeffrey Road

B/ Alton Parkway - Barranca Parkway

5/2/2024

Start Time	5/2/2024
12:00 AM	192
1:00 AM	105
2:00 AM	64
3:00 AM	65
4:00 AM	147
5:00 AM	377
6:00 AM	759
7:00 AM	1850
8:00 AM	2551
9:00 AM	2016
10:00 AM	1981
11:00 AM	1980
12:00 PM	2308
1:00 PM	2228
2:00 PM	2474
3:00 PM	2574
4:00 PM	2515
5:00 PM	2773
6:00 PM	2431
7:00 PM	1810
8:00 PM	1414
9:00 PM	1126
10:00 PM	715
11:00 PM	368
Total	34823



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Alton Parkway - Barranca Parkway

File Name 236
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	241			20	319				
12:15	32	283			24	310				
12:30	31	283			19	310				
12:45	24	311	118	1117	17	294	79	1232	196	2349
1:00	14	274			19	313				
1:15	17	291			7	291				
1:30	15	320			10	304				
1:45	10	313	56	1197	10	302	46	1210	102	2407
2:00	10	309			9	292				
2:15	9	305			10	303				
2:30	7	346			5	291				
2:45	5	307	30	1267	6	331	29	1216	59	2482
3:00	6	293			9	311				
3:15	6	355			8	354				
3:30	2	293			10	317				
3:45	9	376	23	1317	13	306	40	1287	62	2604
4:00	8	302			11	328				
4:15	9	313			15	315				
4:30	13	331			23	351				
4:45	17	299	47	1244	46	352	95	1346	141	2590
5:00	27	374			50	368				
5:15	29	345			52	348				
5:30	33	405			73	330				
5:45	46	302	135	1425	104	372	279	1418	413	2843
6:00	38	329			70	323				
6:15	59	297			97	307				
6:30	87	374			152	293				
6:45	101	293	284	1293	156	255	475	1177	759	2470
7:00	138	279			171	235				
7:15	162	252			235	232				
7:30	196	263			338	189				
7:45	274	179	768	973	359	173	1103	828	1871	1801
8:00	247	218			369	167				
8:15	271	180			371	163				
8:30	250	180			412	153				
8:45	267	183	1035	761	370	128	1521	611	2555	1372
9:00	249	154			304	135				
9:15	258	146			269	159				
9:30	227	131			286	113				
9:45	213	116	947	546	239	112	1098	519	2044	1065
10:00	192	128			238	85				
10:15	212	100			268	77				
10:30	250	81			259	56				
10:45	302	83	955	391	293	56	1057	274	2012	665
11:00	250	61			277	39				
11:15	243	66			291	45				
11:30	214	48			234	38				
11:45	254	46	961	221	282	35	1082	157	2043	378
Totals	5356	11750			6899	11273				
Combined Totals		17106				18172				
ADT										35277
AM Peak Hour	1030	AM			800	AM				
Volume	1045				1521					
P.H.F.	0.865				0.924					
PM Peak Hour		500	PM			430	PM			
Volume		1425				1419				
P.H.F.		0.881				0.964				
Percentage	31.3%	68.7%			38.0%	62.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Jeffrey Road
B/ Barranca Parkway - Irvine Valley College

File Name 237
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	40	321			19	268				
12:15	33	300			18	291				
12:30	30	275			27	273				
12:45	22	287	125	1183	21	297	85	1129	210	2312
1:00	13	319			18	302				
1:15	18	285			15	302				
1:30	15	312			16	315				
1:45	9	333	55	1249	4	377	53	1296	108	2545
2:00	18	250			9	302				
2:15	7	344			13	286				
2:30	10	313			9	268				
2:45	8	304	43	1211	13	327	44	1183	87	2394
3:00	7	296			6	346				
3:15	6	370			10	370				
3:30	6	361			6	294				
3:45	17	309	36	1336	13	287	35	1297	71	2633
4:00	8	343			6	354				
4:15	10	361			10	287				
4:30	15	338			25	327				
4:45	12	409	45	1451	41	327	82	1295	127	2746
5:00	15	381			49	394				
5:15	30	440			49	332				
5:30	41	344			71	340				
5:45	46	424	132	1589	89	315	258	1381	390	2970
6:00	52	375			66	338				
6:15	56	458			81	273				
6:30	79	323			140	285				
6:45	102	339	289	1495	150	239	437	1135	726	2630
7:00	126	286			200	242				
7:15	166	270			263	198				
7:30	177	253			320	189				
7:45	231	244	700	1053	400	194	1183	823	1883	1876
8:00	233	260			482	181				
8:15	256	203			457	151				
8:30	268	188			433	135				
8:45	331	193	1088	844	394	137	1766	604	2854	1448
9:00	306	158			331	134				
9:15	255	165			304	174				
9:30	252	137			302	105				
9:45	248	124	1061	584	269	110	1206	523	2267	1107
10:00	210	120			241	141				
10:15	229	92			224	82				
10:30	257	69			229	62				
10:45	290	46	986	327	310	45	1004	330	1990	657
11:00	241	61			268	49				
11:15	244	45			258	43				
11:30	232	32			257	34				
11:45	283	38	1000	176	259	36	1042	162	2042	338
Totals	5560	12498			7195	11158				
Combined Totals		18058				18353				
ADT										36411
AM Peak Hour	815	AM			745	AM				
Volume	1161				1772					
P.H.F.	0.877				0.919					
PM Peak Hour		530	PM			445	PM			
Volume		1601				1393				
P.H.F.		0.874				0.884				
Percentage	30.8%	69.2%			39.2%	60.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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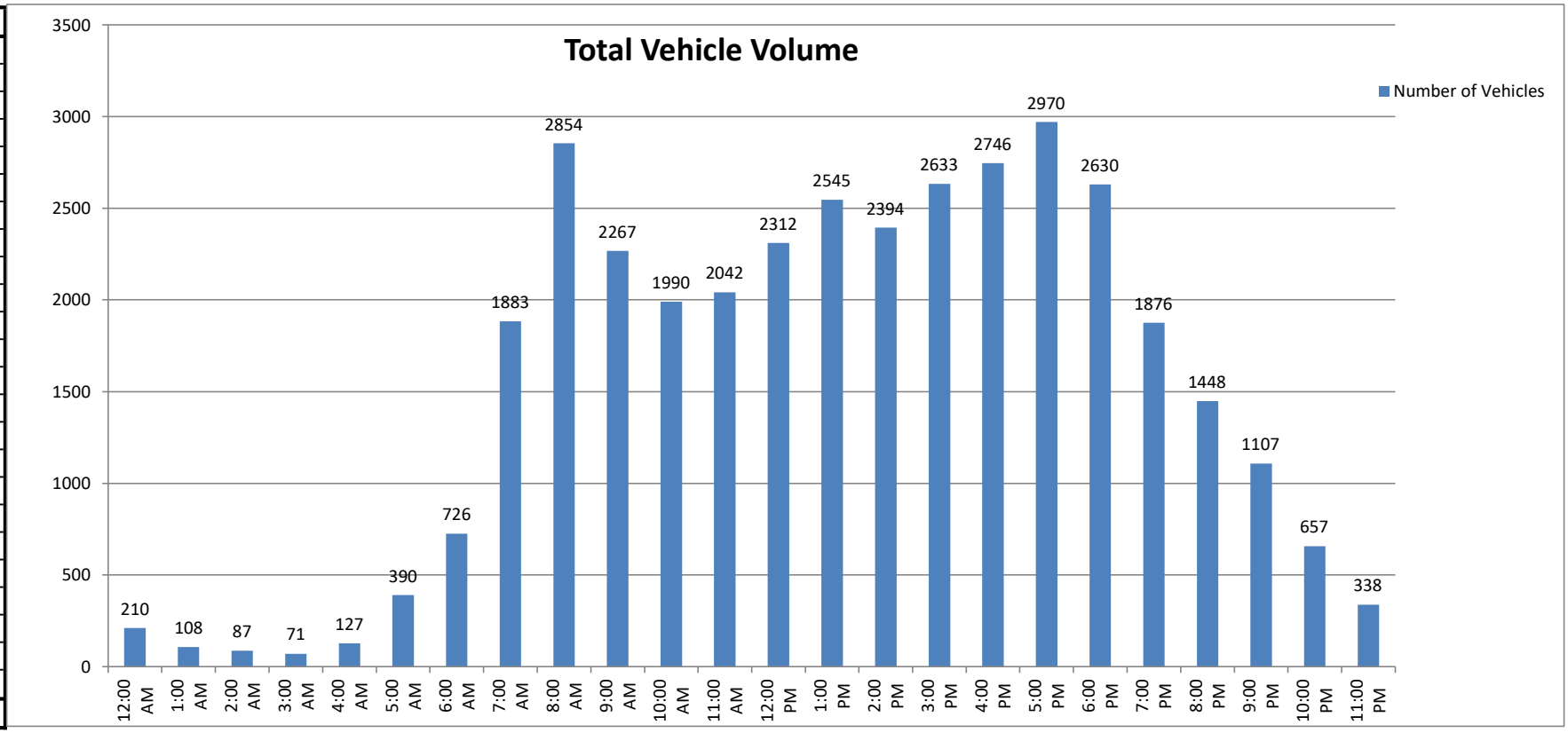
24 Hour Volume Plot

Jeffrey Road

B/ Barranca Parkway - Irvine Valley College

3/13/2024

Start Time	3/13/2024
12:00 AM	210
1:00 AM	108
2:00 AM	87
3:00 AM	71
4:00 AM	127
5:00 AM	390
6:00 AM	726
7:00 AM	1883
8:00 AM	2854
9:00 AM	2267
10:00 AM	1990
11:00 AM	2042
12:00 PM	2312
1:00 PM	2545
2:00 PM	2394
3:00 PM	2633
4:00 PM	2746
5:00 PM	2970
6:00 PM	2630
7:00 PM	1876
8:00 PM	1448
9:00 PM	1107
10:00 PM	657
11:00 PM	338
Total	36411



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Barranca Parkway - Irvine Valley College

File Name 237
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	265			26	257				
12:15	32	270			25	282				
12:30	27	288			16	277				
12:45	20	314	121	1137	29	258	96	1074	217	2211
1:00	22	272			19	279				
1:15	22	247			14	257				
1:30	18	273			5	296				
1:45	17	323	79	1115	11	292	49	1124	128	2239
2:00	12	272			9	260				
2:15	16	313			9	320				
2:30	18	328			7	262				
2:45	8	347	54	1260	3	403	28	1245	82	2505
3:00	6	312			8	329				
3:15	5	330			7	353				
3:30	10	373			12	340				
3:45	4	345	25	1360	9	278	36	1300	61	2660
4:00	10	329			16	332				
4:15	9	309			11	310				
4:30	9	291			27	329				
4:45	23	395	51	1324	45	298	99	1269	150	2593
5:00	8	368			29	346				
5:15	27	443			35	322				
5:30	43	415			76	354				
5:45	37	379	115	1605	76	344	216	1366	331	2971
6:00	55	322			59	329				
6:15	44	371			69	282				
6:30	67	378			138	269				
6:45	104	361	270	1432	133	221	399	1101	669	2533
7:00	104	268			180	295				
7:15	131	266			260	205				
7:30	184	277			336	176				
7:45	223	254	642	1065	364	192	1140	868	1782	1933
8:00	252	268			416	182				
8:15	232	206			386	159				
8:30	250	224			474	148				
8:45	246	195	980	893	402	132	1678	621	2658	1514
9:00	247	163			351	148				
9:15	252	176			309	135				
9:30	240	121			270	131				
9:45	192	143	931	603	253	104	1183	518	2114	1121
10:00	190	123			251	131				
10:15	230	90			244	115				
10:30	254	88			213	72				
10:45	304	75	978	376	312	58	1020	376	1998	752
11:00	223	65			245	39				
11:15	278	63			284	29				
11:30	249	55			238	28				
11:45	276	36	1026	219	257	26	1024	122	2050	341
Totals	5272	12389			6968	10984				
Combined Totals		17661				17952				
ADT										35613
AM Peak Hour	1030	AM			800	AM				
Volume	1059				1678					
P.H.F.	0.871				0.885					
PM Peak Hour		445	PM			245	PM			
Volume		1621				1425				
P.H.F.		0.915				0.884				
Percentage	29.9%	70.1%			38.8%	61.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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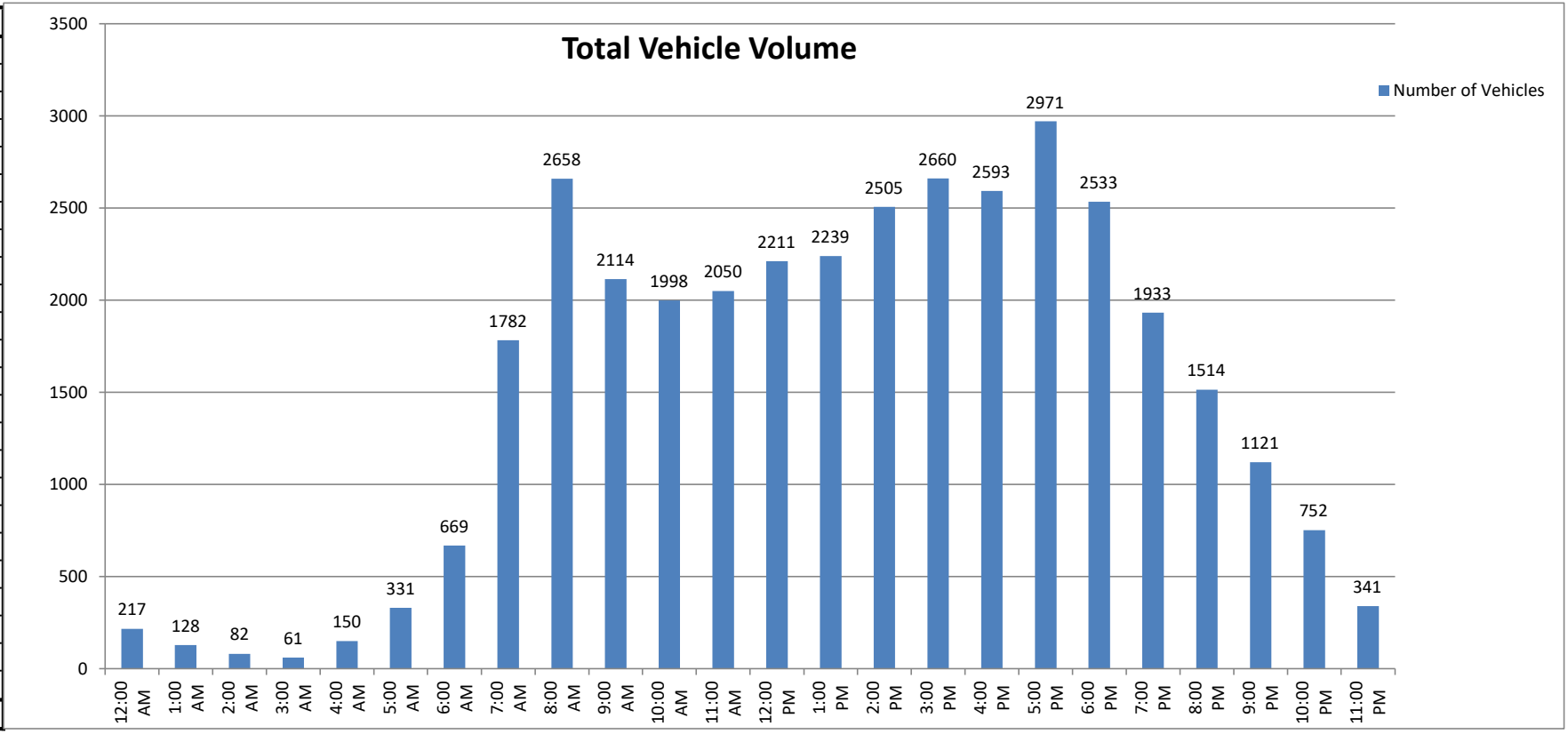
24 Hour Volume Plot

Jeffrey Road

B/ Barranca Parkway - Irvine Valley College

3/14/2024

Start Time	3/14/2024
12:00 AM	217
1:00 AM	128
2:00 AM	82
3:00 AM	61
4:00 AM	150
5:00 AM	331
6:00 AM	669
7:00 AM	1782
8:00 AM	2658
9:00 AM	2114
10:00 AM	1998
11:00 AM	2050
12:00 PM	2211
1:00 PM	2239
2:00 PM	2505
3:00 PM	2660
4:00 PM	2593
5:00 PM	2971
6:00 PM	2533
7:00 PM	1933
8:00 PM	1514
9:00 PM	1121
10:00 PM	752
11:00 PM	341
Total	35613



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Jeffrey Road
B/ Barranca Parkway - Irvine Valley College

File Name 237
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	41	293			23	263				
12:15	33	285			22	287				
12:30	29	282			22	275				
12:45	21	301	123	1160	25	278	91	1102	214	2262
1:00	18	296			19	291				
1:15	20	266			15	280				
1:30	17	293			11	306				
1:45	13	328	67	1182	8	335	51	1210	118	2392
2:00	15	261			9	281				
2:15	12	329			11	303				
2:30	14	321			8	265				
2:45	8	326	49	1236	8	365	36	1214	85	2450
3:00	7	304			7	338				
3:15	6	350			9	362				
3:30	8	367			9	317				
3:45	11	327	31	1348	11	283	36	1299	66	2647
4:00	9	336			11	343				
4:15	10	335			11	299				
4:30	12	315			26	328				
4:45	18	402	48	1388	43	313	91	1282	139	2670
5:00	12	375			39	370				
5:15	29	442			42	327				
5:30	42	380			74	347				
5:45	42	402	124	1597	83	330	237	1374	361	2971
6:00	54	349			63	334				
6:15	50	415			75	278				
6:30	73	351			139	277				
6:45	103	350	280	1464	142	230	418	1118	698	2582
7:00	115	277			190	269				
7:15	149	268			262	202				
7:30	181	265			328	183				
7:45	227	249	671	1059	382	193	1162	846	1833	1905
8:00	243	264			449	182				
8:15	244	205			422	155				
8:30	259	206			454	142				
8:45	289	194	1034	869	398	135	1722	613	2756	1481
9:00	277	161			341	141				
9:15	254	171			307	155				
9:30	246	129			286	118				
9:45	220	134	996	594	261	107	1195	521	2191	1114
10:00	200	122			246	136				
10:15	230	91			234	99				
10:30	256	79			221	67				
10:45	297	61	982	352	311	52	1012	353	1994	705
11:00	232	63			257	44				
11:15	261	54			271	36				
11:30	241	44			248	31				
11:45	280	37	1013	198	258	31	1033	142	2046	340
Totals	5416	12444			7082	11071				
Combined Totals		17860				18153				
ADT										36012
AM Peak Hour	830	AM			800	AM				
Volume	1078				1722					
P.H.F.	0.934				0.949					
PM Peak Hour		445	PM			245	PM			
Volume		1598				1381				
P.H.F.		0.905				0.946				
Percentage	30.3%	69.7%			39.0%	61.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Bryan Avenue - Irvine Boulevard

File Name 245
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	227			10	168				
12:15	16	232			15	176				
12:30	10	242			18	200				
12:45	14	202	58	903	5	210	48	754	106	1657
1:00	10	224			7	219				
1:15	9	275			2	207				
1:30	5	256			8	242				
1:45	3	265	27	1020	5	252	22	920	49	1940
2:00	10	210			3	232				
2:15	6	246			6	197				
2:30	6	237			1	240				
2:45	7	263	29	956	5	330	15	999	44	1955
3:00	9	327			2	262				
3:15	1	311			3	232				
3:30	4	293			1	213				
3:45	6	345	20	1276	3	221	9	928	29	2204
4:00	4	403			5	212				
4:15	11	352			11	239				
4:30	14	397			14	246				
4:45	18	359	47	1511	11	240	41	937	88	2448
5:00	14	445			29	218				
5:15	15	377			18	210				
5:30	25	457			45	208				
5:45	50	376	104	1655	50	205	142	841	246	2496
6:00	38	446			79	209				
6:15	55	356			54	194				
6:30	82	372			67	199				
6:45	77	293	252	1467	120	189	320	791	572	2258
7:00	66	268			123	154				
7:15	97	203			175	135				
7:30	153	188			245	152				
7:45	158	189	474	848	345	137	888	578	1362	1426
8:00	163	205			316	127				
8:15	163	198			301	147				
8:30	183	161			356	101				
8:45	198	156	707	720	330	89	1303	464	2010	1184
9:00	256	130			254	71				
9:15	135	151			276	66				
9:30	167	112			265	59				
9:45	147	117	705	510	233	50	1028	246	1733	756
10:00	118	126			180	62				
10:15	126	99			193	38				
10:30	170	52			181	20				
10:45	186	55	600	332	178	24	732	144	1332	476
11:00	169	35			177	30				
11:15	185	50			204	12				
11:30	182	23			176	16				
11:45	166	23	702	131	180	17	737	75	1439	206
Totals	3725	11329			5285	7677				
Combined Totals		15054				12962				
ADT										28016
AM Peak Hour	815	AM			745	AM				
Volume	800				1318					
P.H.F.	0.781				0.926					
PM Peak Hour		515	PM			230	PM			
Volume		1656				1064				
P.H.F.		0.906				0.806				
Percentage	24.7%	75.3%			40.8%	59.2%				

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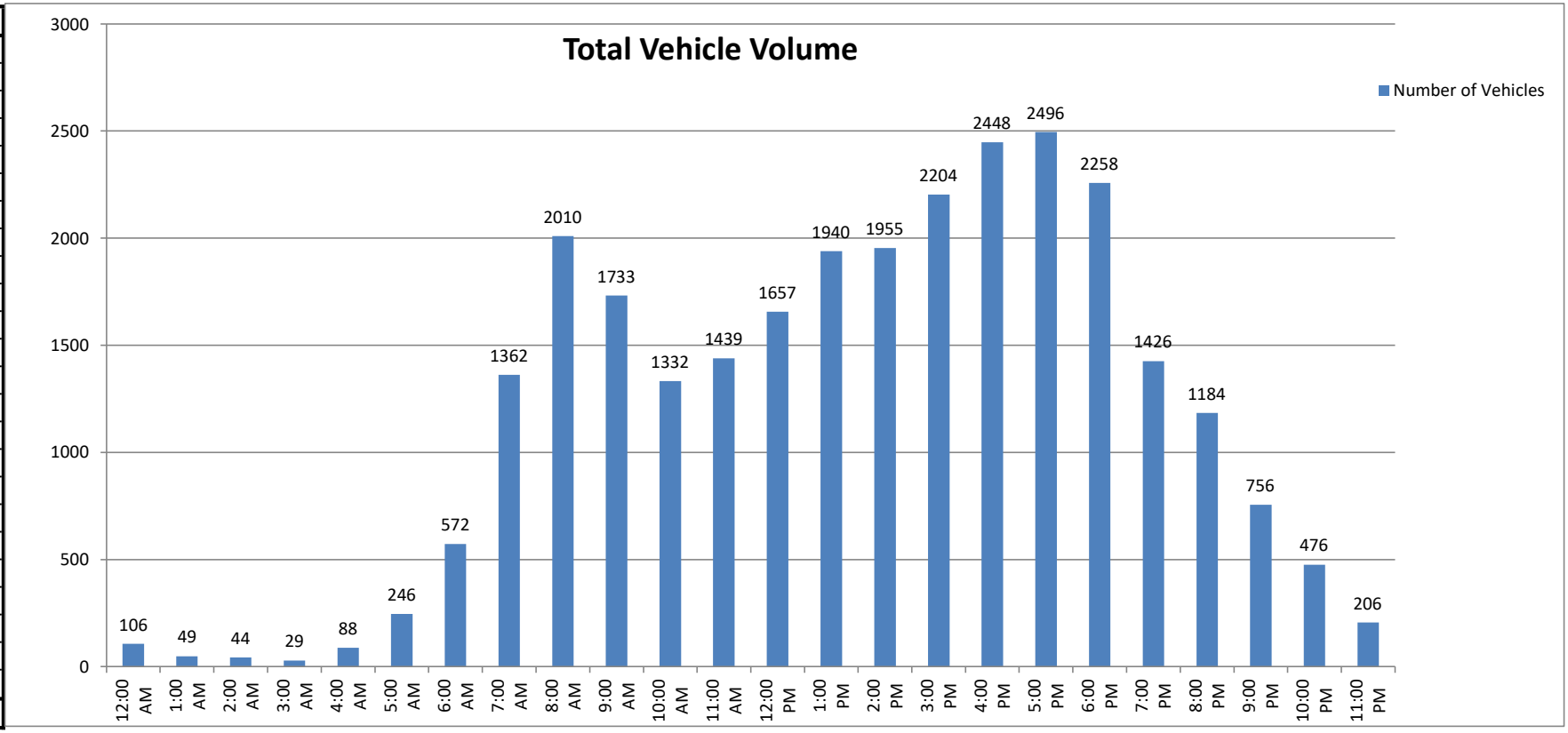
24 Hour Volume Plot

Jeffrey Road

B/ Bryan Avenue - Irvine Boulevard

3/13/2024

Start Time	3/13/2024
12:00 AM	106
1:00 AM	49
2:00 AM	44
3:00 AM	29
4:00 AM	88
5:00 AM	246
6:00 AM	572
7:00 AM	1362
8:00 AM	2010
9:00 AM	1733
10:00 AM	1332
11:00 AM	1439
12:00 PM	1657
1:00 PM	1940
2:00 PM	1955
3:00 PM	2204
4:00 PM	2448
5:00 PM	2496
6:00 PM	2258
7:00 PM	1426
8:00 PM	1184
9:00 PM	756
10:00 PM	476
11:00 PM	206
Total	28016



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Jeffrey Road
B/ Bryan Avenue - Irvine Boulevard

File Name 245
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	198			15	182				
12:15	17	202			9	163				
12:30	18	175			13	155				
12:45	22	209	80	784	17	153	54	653	134	1437
1:00	12	192			8	173				
1:15	12	208			6	139				
1:30	16	175			9	207				
1:45	2	240	42	815	1	167	24	686	66	1501
2:00	8	224			4	167				
2:15	8	269			2	182				
2:30	2	236			3	289				
2:45	9	278	27	1007	3	325	12	963	39	1970
3:00	2	338			2	286				
3:15	7	277			3	229				
3:30	5	336			5	229				
3:45	4	304	18	1255	8	234	18	978	36	2233
4:00	4	404			3	228				
4:15	8	331			7	211				
4:30	11	377			10	208				
4:45	12	362	35	1474	11	223	31	870	66	2344
5:00	14	395			21	203				
5:15	16	405			24	218				
5:30	30	446			38	244				
5:45	34	399	94	1645	38	212	121	877	215	2522
6:00	39	408			55	186				
6:15	51	305			61	202				
6:30	72	360			76	177				
6:45	76	270	238	1343	104	182	296	747	534	2090
7:00	76	272			142	157				
7:15	86	258			186	132				
7:30	157	231			256	142				
7:45	174	230	493	991	306	110	890	541	1383	1532
8:00	246	172			321	129				
8:15	181	169			336	131				
8:30	215	174			413	122				
8:45	166	155	808	670	277	86	1347	468	2155	1138
9:00	168	134			240	76				
9:15	135	141			198	61				
9:30	118	113			200	69				
9:45	161	108	582	496	186	59	824	265	1406	761
10:00	122	119			211	55				
10:15	122	108			218	48				
10:30	135	78			194	46				
10:45	176	66	555	371	202	34	825	183	1380	554
11:00	155	39			140	40				
11:15	194	37			186	29				
11:30	167	21			171	26				
11:45	172	23	688	120	142	27	639	122	1327	242
Totals	3660	10971			5081	7353				
Combined Totals		14631				12434				
ADT										27065
AM Peak Hour	745	AM			745	AM				
Volume	816				1376					
P.H.F.	0.829				0.833					
PM Peak Hour		515	PM			230	PM			
Volume		1658				1129				
P.H.F.		0.929				0.868				
Percentage	25.0%	75.0%			40.9%	59.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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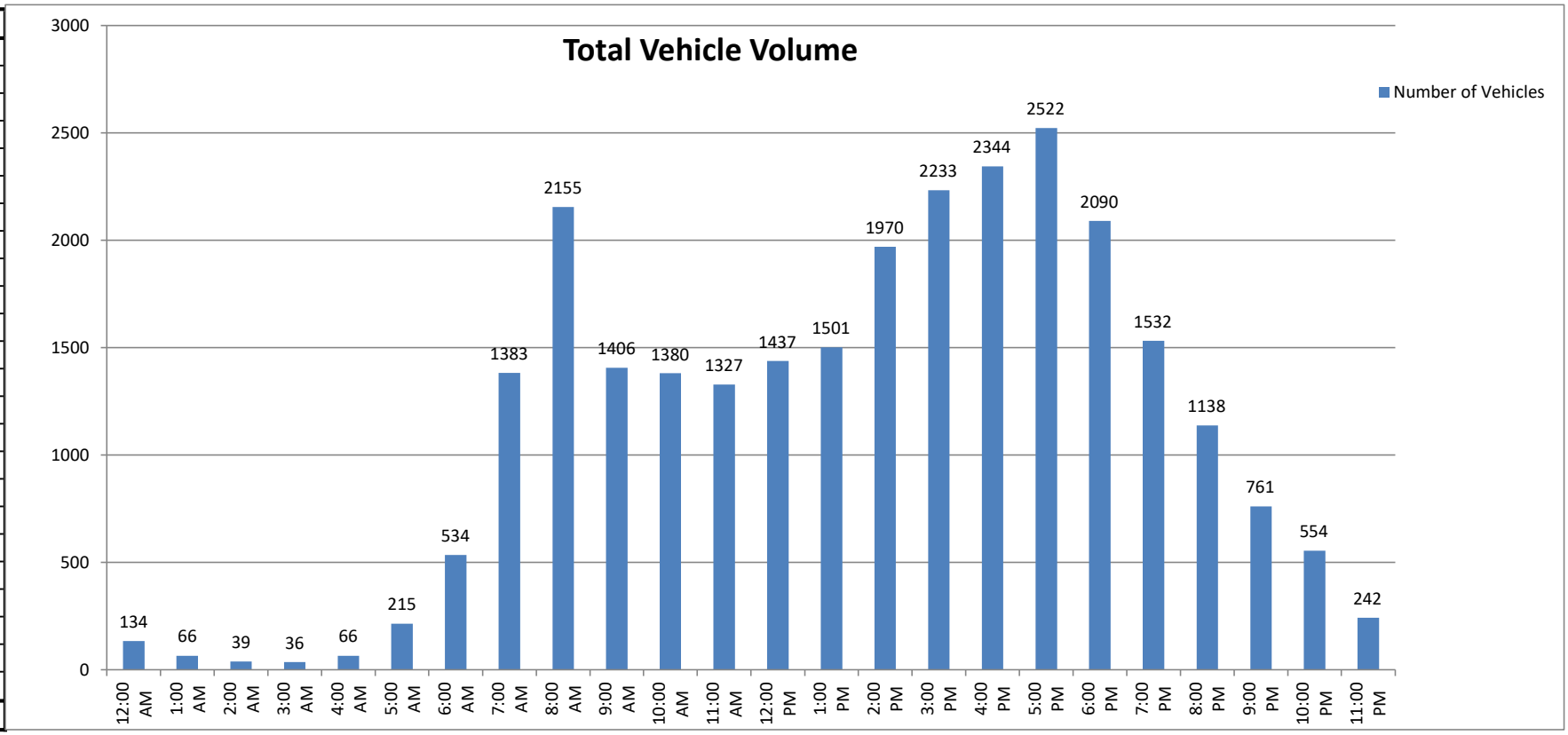
24 Hour Volume Plot

Jeffrey Road

B/ Bryan Avenue - Irvine Boulevard

3/14/2024

Start Time	3/14/2024
12:00 AM	134
1:00 AM	66
2:00 AM	39
3:00 AM	36
4:00 AM	66
5:00 AM	215
6:00 AM	534
7:00 AM	1383
8:00 AM	2155
9:00 AM	1406
10:00 AM	1380
11:00 AM	1327
12:00 PM	1437
1:00 PM	1501
2:00 PM	1970
3:00 PM	2233
4:00 PM	2344
5:00 PM	2522
6:00 PM	2090
7:00 PM	1532
8:00 PM	1138
9:00 PM	761
10:00 PM	554
11:00 PM	242
Total	27065



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Bryan Avenue - Irvine Boulevard

File Name 245
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	213			13	175				
12:15	17	217			12	170				
12:30	14	209			16	178				
12:45	18	206	69	844	11	182	51	704	120	1547
1:00	11	208			8	196				
1:15	11	242			4	173				
1:30	11	216			9	225				
1:45	3	253	35	918	3	210	23	803	58	1721
2:00	9	217			4	200				
2:15	7	258			4	190				
2:30	4	237			2	265				
2:45	8	271	28	982	4	328	14	981	42	1963
3:00	6	333			2	274				
3:15	4	294			3	231				
3:30	5	315			3	221				
3:45	5	325	19	1266	6	228	14	953	33	2219
4:00	4	404			4	220				
4:15	10	342			9	225				
4:30	13	387			12	227				
4:45	15	361	41	1493	11	232	36	904	77	2396
5:00	14	420			25	211				
5:15	16	391			21	214				
5:30	28	452			42	226				
5:45	42	388	99	1650	44	209	132	859	231	2509
6:00	39	427			67	198				
6:15	53	331			58	198				
6:30	77	366			72	188				
6:45	77	282	245	1405	112	186	308	769	553	2174
7:00	71	270			133	156				
7:15	92	231			181	134				
7:30	155	210			251	147				
7:45	166	210	484	920	326	124	889	560	1373	1479
8:00	205	189			319	128				
8:15	172	184			319	139				
8:30	199	168			385	112				
8:45	182	156	758	695	304	88	1325	466	2083	1161
9:00	212	132			247	74				
9:15	135	146			237	64				
9:30	143	113			233	64				
9:45	154	113	644	503	210	55	926	256	1570	759
10:00	120	123			196	59				
10:15	124	104			206	43				
10:30	153	65			188	33				
10:45	181	61	578	352	190	29	779	164	1356	515
11:00	162	37			159	35				
11:15	190	44			195	21				
11:30	175	22			174	21				
11:45	169	23	695	126	161	22	688	99	1383	224
Totals	3693	11150			5183	7515				
Combined Totals		14843				12698				
ADT										27541
AM Peak Hour	815	AM			745	AM				
Volume	765				1347					
P.H.F.	0.902				0.876					
PM Peak Hour		515	PM			230	PM			
Volume		1657				1097				
P.H.F.		0.917				0.837				
Percentage	24.9%	75.1%			40.8%	59.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Irvine Center Drive - Meadows

File Name 239
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	319			24	292				
12:15	43	421			15	273				
12:30	29	302			24	283				
12:45	25	330	146	1372	20	348	83	1196	229	2568
1:00	14	320			13	325				
1:15	16	333			15	292				
1:30	14	369			9	364				
1:45	7	342	51	1364	4	319	41	1300	92	2664
2:00	17	316			8	340				
2:15	5	301			11	312				
2:30	13	350			7	292				
2:45	9	303	44	1270	13	361	39	1305	83	2575
3:00	8	349			7	340				
3:15	7	409			10	374				
3:30	7	373			8	323				
3:45	14	336	36	1467	11	381	36	1418	72	2885
4:00	12	409			7	347				
4:15	7	407			7	350				
4:30	18	464			21	401				
4:45	12	466	49	1746	38	410	73	1508	122	3254
5:00	15	518			36	403				
5:15	29	522			54	398				
5:30	43	483			75	365				
5:45	51	435	138	1958	93	382	258	1548	396	3506
6:00	50	526			84	345				
6:15	58	468			88	310				
6:30	90	422			154	335				
6:45	123	357	321	1773	156	305	482	1295	803	3068
7:00	136	341			209	229				
7:15	172	312			252	219				
7:30	186	265			374	195				
7:45	229	287	723	1205	454	186	1289	829	2012	2034
8:00	241	298			512	174				
8:15	234	286			545	145				
8:30	243	233			491	130				
8:45	267	220	985	1037	508	149	2056	598	3041	1635
9:00	218	211			453	136				
9:15	193	232			349	163				
9:30	201	156			356	104				
9:45	257	155	869	754	319	114	1477	517	2346	1271
10:00	184	129			247	146				
10:15	211	101			262	83				
10:30	280	69			296	75				
10:45	310	51	985	350	335	47	1140	351	2125	701
11:00	282	53			298	56				
11:15	292	65			285	45				
11:30	286	30			269	37				
11:45	338	41	1198	189	311	31	1163	169	2361	358
Totals	5545	14485			8137	12034				
Combined Totals		20030				20171				
ADT										40201
AM Peak Hour	1100	AM			800	AM				
Volume	1198				2056					
P.H.F.	0.886				0.943					
PM Peak Hour		445	PM			430	PM			
Volume		1989				1612				
P.H.F.		0.953				0.983				
Percentage	27.7%	72.3%			40.3%	59.7%				

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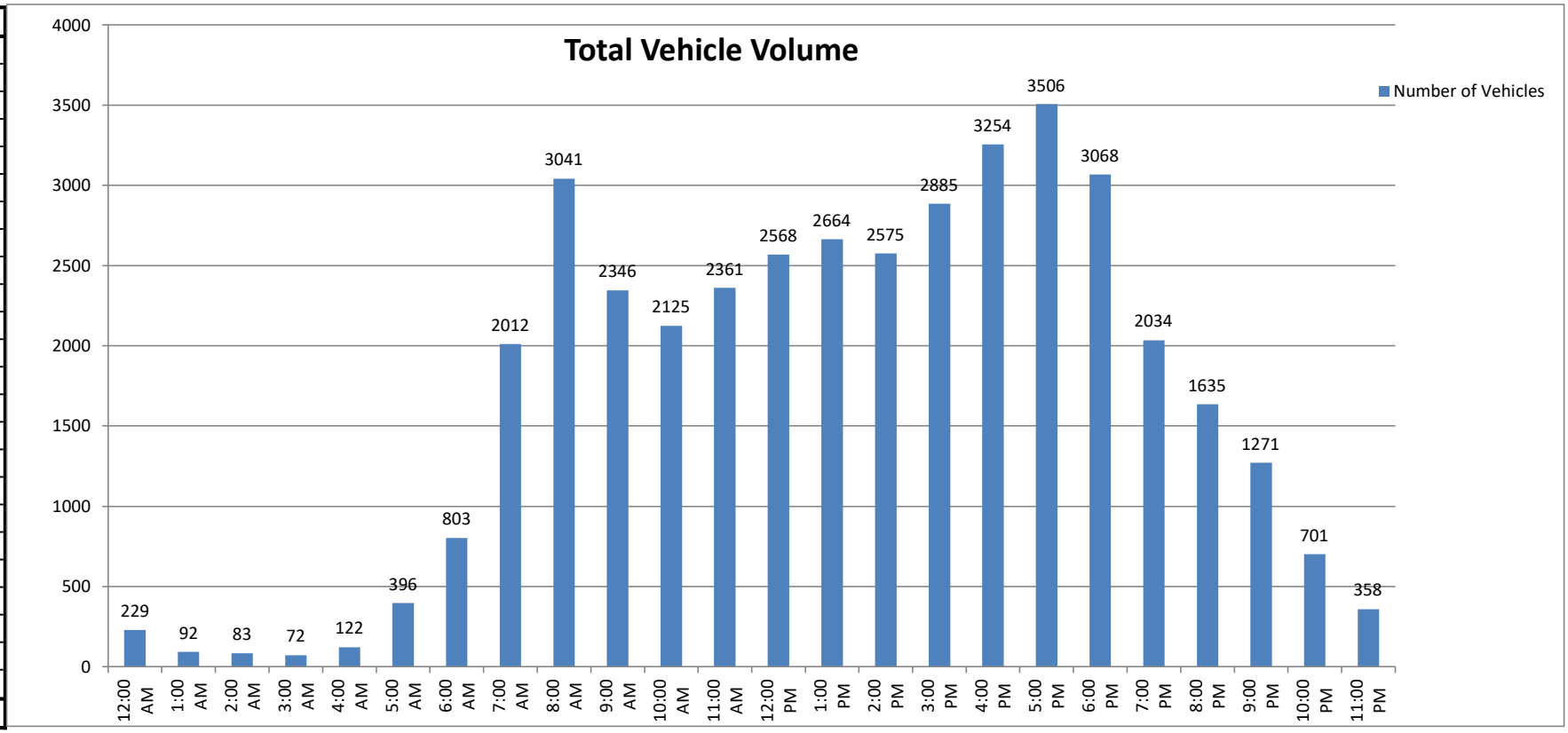
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Center Drive - Meadows

3/13/2024

Start Time	3/13/2024
12:00 AM	229
1:00 AM	92
2:00 AM	83
3:00 AM	72
4:00 AM	122
5:00 AM	396
6:00 AM	803
7:00 AM	2012
8:00 AM	3041
9:00 AM	2346
10:00 AM	2125
11:00 AM	2361
12:00 PM	2568
1:00 PM	2664
2:00 PM	2575
3:00 PM	2885
4:00 PM	3254
5:00 PM	3506
6:00 PM	3068
7:00 PM	2034
8:00 PM	1635
9:00 PM	1271
10:00 PM	701
11:00 PM	358
Total	40201



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City of Irvine
Jeffrey Road
B/ Irvine Center Drive - Meadows

File Name 239
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	255			14	274				
12:15	31	328			24	314				
12:30	30	290			17	242				
12:45	20	299	130	1172	18	280	73	1110	203	2282
1:00	18	270			20	254				
1:15	19	270			9	261				
1:30	20	284			10	328				
1:45	14	320	71	1144	7	294	46	1137	117	2281
2:00	12	347			7	266				
2:15	14	316			5	278				
2:30	18	398			3	282				
2:45	10	350	54	1411	2	408	17	1234	71	2645
3:00	6	350			7	318				
3:15	6	378			6	360				
3:30	10	408			9	316				
3:45	8	333	30	1469	10	341	32	1335	62	2804
4:00	11	415			13	331				
4:15	16	358			11	351				
4:30	12	365			25	374				
4:45	18	439	57	1577	33	375	82	1431	139	3008
5:00	17	500			28	409				
5:15	30	455			45	380				
5:30	43	474			63	426				
5:45	47	460	137	1889	77	381	213	1596	350	3485
6:00	53	435			80	354				
6:15	50	382			67	294				
6:30	75	444			126	298				
6:45	110	352	288	1613	153	283	426	1229	714	2842
7:00	122	384			201	273				
7:15	140	294			273	218				
7:30	198	306			384	189				
7:45	220	302	680	1286	401	171	1259	851	1939	2137
8:00	252	321			481	161				
8:15	235	242			521	164				
8:30	211	222			500	158				
8:45	230	253	928	1038	536	145	2038	628	2966	1666
9:00	178	191			413	122				
9:15	206	196			356	132				
9:30	179	173			313	141				
9:45	231	145	794	705	282	115	1364	510	2158	1215
10:00	176	132			248	125				
10:15	221	113			272	128				
10:30	272	88			273	68				
10:45	278	75	947	408	365	68	1158	389	2105	797
11:00	271	66			293	40				
11:15	322	65			261	36				
11:30	271	68			230	24				
11:45	290	44	1154	243	297	25	1081	125	2235	368
Totals	5270	13955			7789	11575				
Combined Totals		19225				19364				
ADT										38589
AM Peak Hour	1100	AM			800	AM				
Volume	1154				2038					
P.H.F.	0.896				0.951					
PM Peak Hour		500	PM			500	PM			
Volume		1889				1596				
P.H.F.		0.945				0.937				
Percentage	27.4%	72.6%			40.2%	59.8%				

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PO Box 1178
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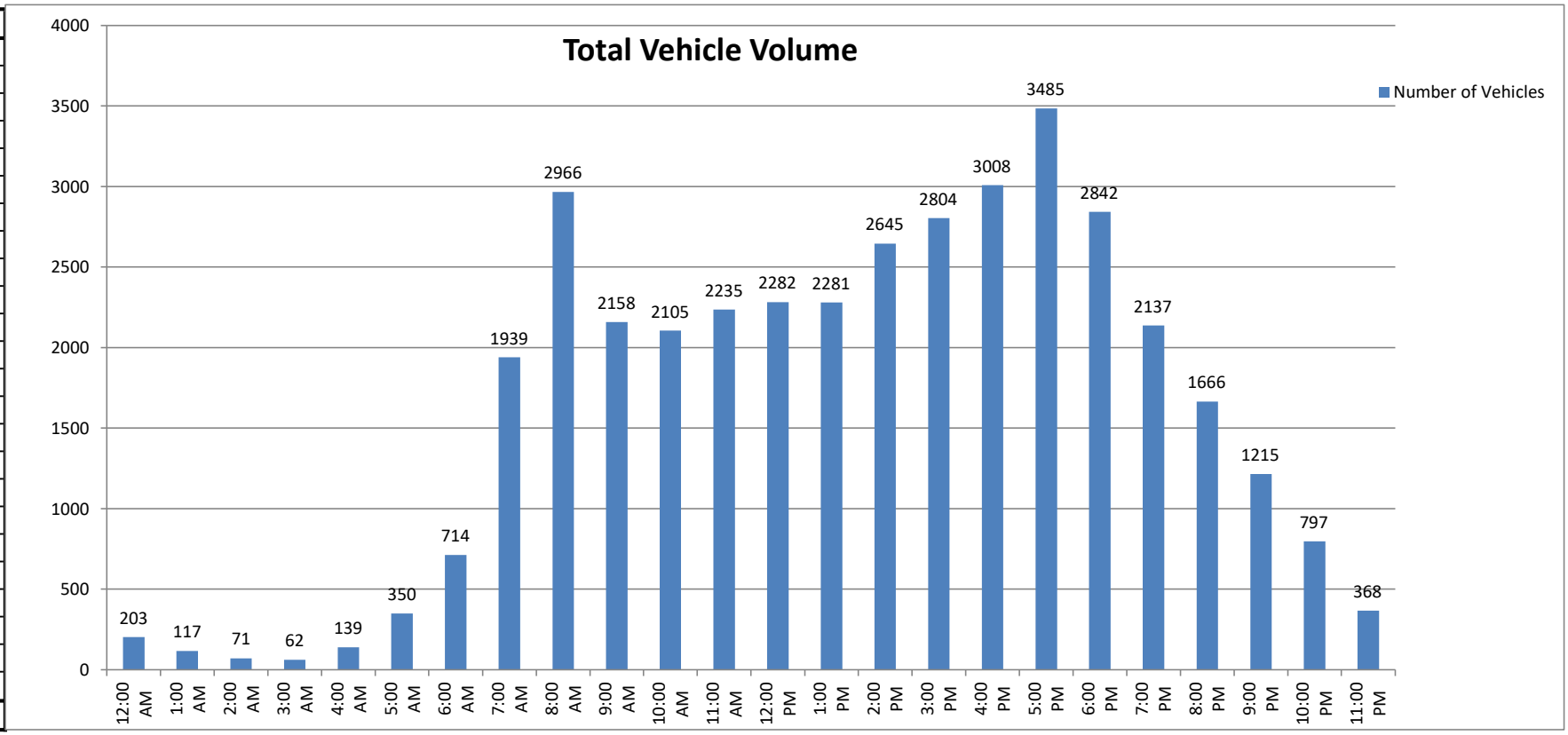
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Center Drive - Meadows

3/14/2024

Start Time	3/14/2024
12:00 AM	203
1:00 AM	117
2:00 AM	71
3:00 AM	62
4:00 AM	139
5:00 AM	350
6:00 AM	714
7:00 AM	1939
8:00 AM	2966
9:00 AM	2158
10:00 AM	2105
11:00 AM	2235
12:00 PM	2282
1:00 PM	2281
2:00 PM	2645
3:00 PM	2804
4:00 PM	3008
5:00 PM	3485
6:00 PM	2842
7:00 PM	2137
8:00 PM	1666
9:00 PM	1215
10:00 PM	797
11:00 PM	368
Total	38589



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Irvine Center Drive - Meadows

File Name 239
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	287			19	283				
12:15	37	375			20	294				
12:30	30	296			21	263				
12:45	23	315	138	1272	19	314	78	1153	216	2425
1:00	16	295			17	290				
1:15	18	302			12	277				
1:30	17	327			10	346				
1:45	11	331	61	1254	6	307	44	1219	105	2473
2:00	15	332			8	303				
2:15	10	309			8	295				
2:30	16	374			5	287				
2:45	10	327	49	1341	8	385	28	1270	77	2610
3:00	7	350			7	329				
3:15	7	394			8	367				
3:30	9	391			9	320				
3:45	11	335	33	1468	11	361	34	1377	67	2845
4:00	12	412			10	339				
4:15	12	383			9	351				
4:30	15	415			23	388				
4:45	15	453	53	1662	36	393	78	1470	131	3131
5:00	16	509			32	406				
5:15	30	489			50	389				
5:30	43	479			69	396				
5:45	49	448	138	1924	85	382	236	1572	373	3496
6:00	52	481			82	350				
6:15	54	425			78	302				
6:30	83	433			140	317				
6:45	117	355	305	1693	155	294	454	1262	759	2955
7:00	129	363			205	251				
7:15	156	303			263	219				
7:30	192	286			379	192				
7:45	225	295	702	1246	428	179	1274	840	1976	2086
8:00	247	310			497	168				
8:15	235	264			533	155				
8:30	227	228			496	144				
8:45	249	237	957	1038	522	147	2047	613	3004	1651
9:00	198	201			433	129				
9:15	200	214			353	148				
9:30	190	165			335	123				
9:45	244	150	832	730	301	115	1421	514	2252	1243
10:00	180	131			248	136				
10:15	216	107			267	106				
10:30	276	79			285	72				
10:45	294	63	966	379	350	58	1149	370	2115	749
11:00	277	60			296	48				
11:15	307	65			273	41				
11:30	279	49			250	31				
11:45	314	43	1176	216	304	28	1122	147	2298	363
Totals	5408	14220			7963	11805				
Combined Totals		19628				19768				
ADT										39395
AM Peak Hour	1100	AM			800	AM				
Volume	1176				2047					
P.H.F.	0.936				0.960					
PM Peak Hour		445	PM			445	PM			
Volume		1929				1583				
P.H.F.		0.947				0.975				
Percentage	27.6%	72.4%			40.3%	59.7%				

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City of Irvine
Jeffrey Road
B/ Irvine Valley College - Irvine Center Drive

File Name 238
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	319			24	292				
12:15	43	421			15	273				
12:30	29	302			24	283				
12:45	25	330	146	1372	20	348	83	1196	229	2568
1:00	14	320			13	325				
1:15	16	333			15	292				
1:30	14	369			9	364				
1:45	7	342	51	1364	4	319	41	1300	92	2664
2:00	17	316			8	340				
2:15	5	301			11	312				
2:30	13	350			7	292				
2:45	9	303	44	1270	13	361	39	1305	83	2575
3:00	8	349			7	340				
3:15	7	409			10	374				
3:30	7	373			8	323				
3:45	14	336	36	1467	11	381	36	1418	72	2885
4:00	12	409			7	347				
4:15	7	407			7	350				
4:30	18	464			21	401				
4:45	12	466	49	1746	38	410	73	1508	122	3254
5:00	15	518			36	403				
5:15	29	522			54	398				
5:30	43	483			75	365				
5:45	51	435	138	1958	93	382	258	1548	396	3506
6:00	50	526			84	345				
6:15	58	468			88	310				
6:30	90	422			154	335				
6:45	123	357	321	1773	156	305	482	1295	803	3068
7:00	136	341			209	229				
7:15	172	312			252	219				
7:30	186	265			374	195				
7:45	229	287	723	1205	454	186	1289	829	2012	2034
8:00	241	298			512	174				
8:15	234	286			545	145				
8:30	243	233			491	130				
8:45	267	220	985	1037	508	149	2056	598	3041	1635
9:00	218	211			453	136				
9:15	193	232			349	163				
9:30	201	156			356	104				
9:45	257	155	869	754	319	114	1477	517	2346	1271
10:00	184	129			247	146				
10:15	211	101			262	83				
10:30	280	69			296	75				
10:45	310	51	985	350	335	47	1140	351	2125	701
11:00	282	53			298	56				
11:15	292	65			285	45				
11:30	286	30			269	37				
11:45	338	41	1198	189	311	31	1163	169	2361	358
Totals	5545	14485			8137	12034				
Combined Totals		20030				20171				
ADT										40201
AM Peak Hour	1100	AM			800	AM				
Volume	1198				2056					
P.H.F.	0.886				0.943					
PM Peak Hour		445	PM			430	PM			
Volume		1989				1612				
P.H.F.		0.953				0.983				
Percentage	27.7%	72.3%			40.3%	59.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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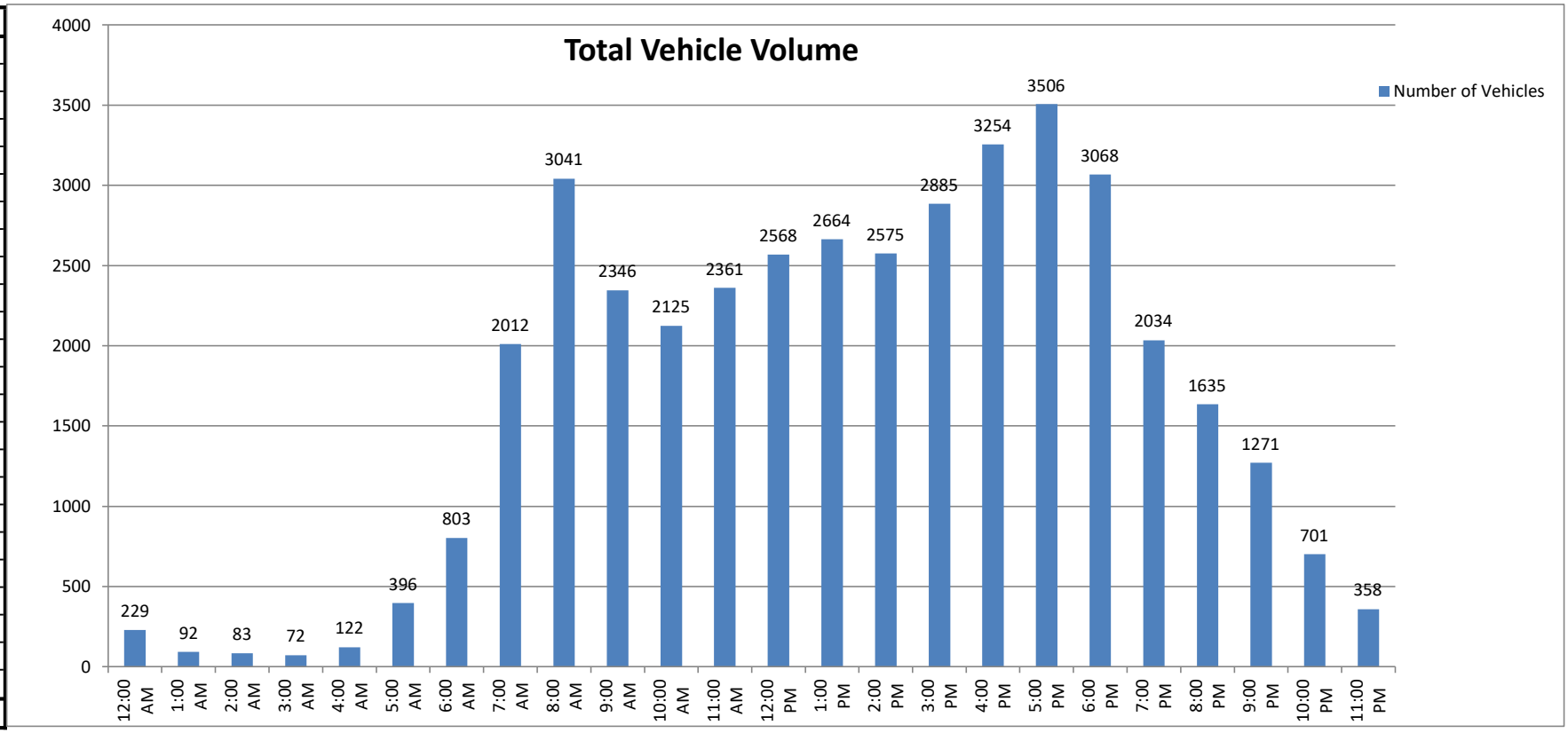
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Valley College - Irvine Center Drive

3/13/2024

Start Time	3/13/2024
12:00 AM	229
1:00 AM	92
2:00 AM	83
3:00 AM	72
4:00 AM	122
5:00 AM	396
6:00 AM	803
7:00 AM	2012
8:00 AM	3041
9:00 AM	2346
10:00 AM	2125
11:00 AM	2361
12:00 PM	2568
1:00 PM	2664
2:00 PM	2575
3:00 PM	2885
4:00 PM	3254
5:00 PM	3506
6:00 PM	3068
7:00 PM	2034
8:00 PM	1635
9:00 PM	1271
10:00 PM	701
11:00 PM	358
Total	40201



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Irvine Valley College - Irvine Center Drive

File Name 238
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	255			14	274				
12:15	31	328			24	314				
12:30	30	290			17	242				
12:45	20	299	130	1172	18	280	73	1110	203	2282
1:00	18	270			20	254				
1:15	19	270			9	261				
1:30	20	284			10	328				
1:45	14	320	71	1144	7	294	46	1137	117	2281
2:00	12	347			7	266				
2:15	14	316			5	278				
2:30	18	398			3	282				
2:45	10	350	54	1411	2	408	17	1234	71	2645
3:00	6	350			7	318				
3:15	6	378			6	360				
3:30	10	408			9	316				
3:45	8	333	30	1469	10	341	32	1335	62	2804
4:00	11	415			13	331				
4:15	16	358			11	351				
4:30	12	365			25	374				
4:45	18	439	57	1577	33	375	82	1431	139	3008
5:00	17	500			28	409				
5:15	30	455			45	380				
5:30	43	474			63	426				
5:45	47	460	137	1889	77	381	213	1596	350	3485
6:00	53	435			80	354				
6:15	50	382			67	294				
6:30	75	444			126	298				
6:45	110	352	288	1613	153	283	426	1229	714	2842
7:00	122	384			201	273				
7:15	140	294			273	218				
7:30	198	306			384	189				
7:45	220	302	680	1286	401	171	1259	851	1939	2137
8:00	252	321			481	161				
8:15	235	242			521	164				
8:30	211	222			500	158				
8:45	230	253	928	1038	536	145	2038	628	2966	1666
9:00	178	191			413	122				
9:15	206	196			356	132				
9:30	179	173			313	141				
9:45	231	145	794	705	282	115	1364	510	2158	1215
10:00	176	132			248	125				
10:15	221	113			272	128				
10:30	272	88			273	68				
10:45	278	75	947	408	365	68	1158	389	2105	797
11:00	271	66			293	40				
11:15	322	65			261	36				
11:30	271	68			230	24				
11:45	290	44	1154	243	297	25	1081	125	2235	368
Totals	5270	13955			7789	11575				
Combined Totals		19225				19364				
ADT										38589
AM Peak Hour	1100	AM			800	AM				
Volume	1154				2038					
P.H.F.	0.896				0.951					
PM Peak Hour		500	PM			500	PM			
Volume		1889				1596				
P.H.F.		0.945				0.937				
Percentage	27.4%	72.6%			40.2%	59.8%				

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Corona, CA 92878

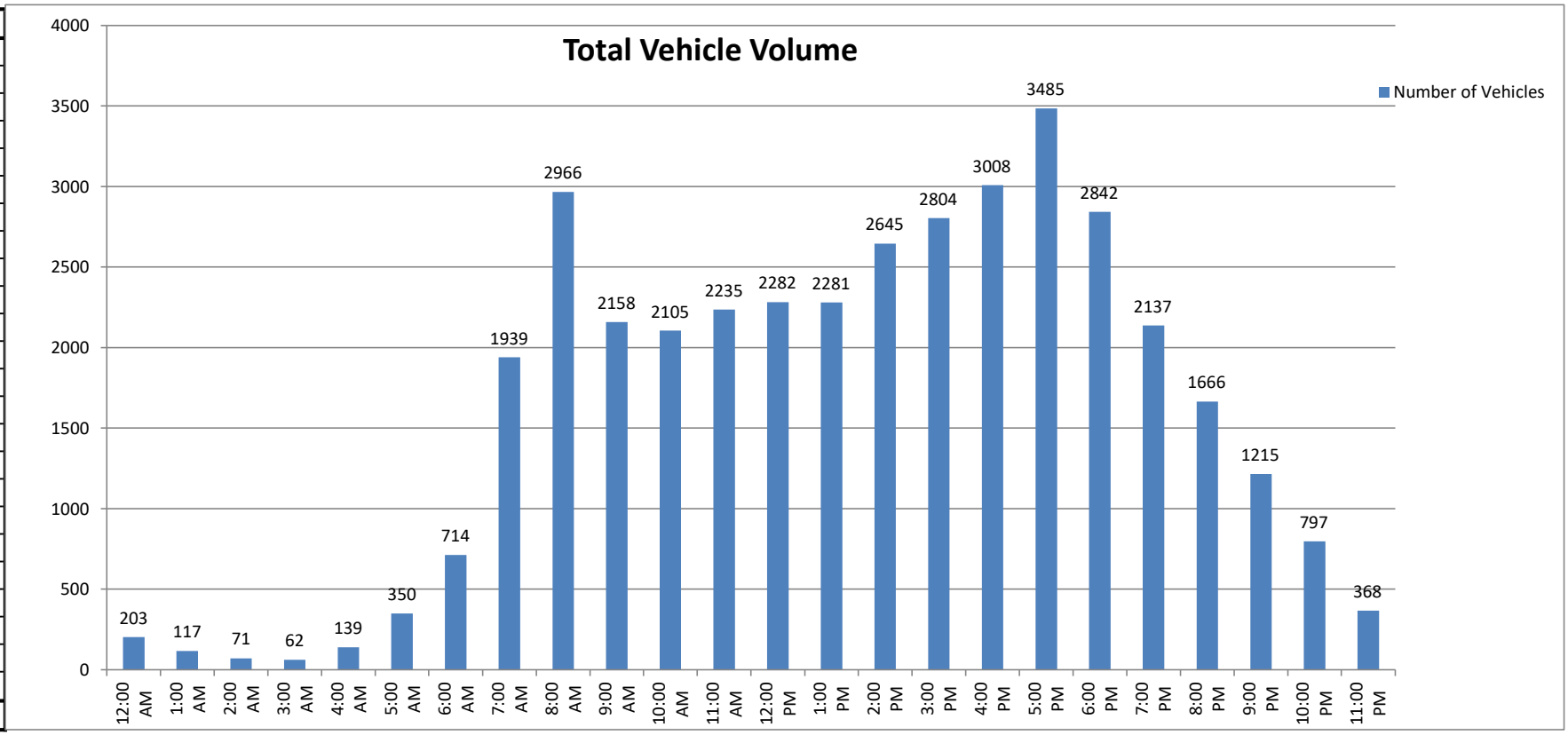
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Valley College - Irvine Center Drive

3/14/2024

Start Time	3/14/2024
12:00 AM	203
1:00 AM	117
2:00 AM	71
3:00 AM	62
4:00 AM	139
5:00 AM	350
6:00 AM	714
7:00 AM	1939
8:00 AM	2966
9:00 AM	2158
10:00 AM	2105
11:00 AM	2235
12:00 PM	2282
1:00 PM	2281
2:00 PM	2645
3:00 PM	2804
4:00 PM	3008
5:00 PM	3485
6:00 PM	2842
7:00 PM	2137
8:00 PM	1666
9:00 PM	1215
10:00 PM	797
11:00 PM	368
Total	38589



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Irvine Valley College - Irvine Center Drive

File Name 238
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	49	287			19	283				
12:15	37	375			20	294				
12:30	30	296			21	263				
12:45	23	315	138	1272	19	314	78	1153	216	2425
1:00	16	295			17	290				
1:15	18	302			12	277				
1:30	17	327			10	346				
1:45	11	331	61	1254	6	307	44	1219	105	2473
2:00	15	332			8	303				
2:15	10	309			8	295				
2:30	16	374			5	287				
2:45	10	327	49	1341	8	385	28	1270	77	2610
3:00	7	350			7	329				
3:15	7	394			8	367				
3:30	9	391			9	320				
3:45	11	335	33	1468	11	361	34	1377	67	2845
4:00	12	412			10	339				
4:15	12	383			9	351				
4:30	15	415			23	388				
4:45	15	453	53	1662	36	393	78	1470	131	3131
5:00	16	509			32	406				
5:15	30	489			50	389				
5:30	43	479			69	396				
5:45	49	448	138	1924	85	382	236	1572	373	3496
6:00	52	481			82	350				
6:15	54	425			78	302				
6:30	83	433			140	317				
6:45	117	355	305	1693	155	294	454	1262	759	2955
7:00	129	363			205	251				
7:15	156	303			263	219				
7:30	192	286			379	192				
7:45	225	295	702	1246	428	179	1274	840	1976	2086
8:00	247	310			497	168				
8:15	235	264			533	155				
8:30	227	228			496	144				
8:45	249	237	957	1038	522	147	2047	613	3004	1651
9:00	198	201			433	129				
9:15	200	214			353	148				
9:30	190	165			335	123				
9:45	244	150	832	730	301	115	1421	514	2252	1243
10:00	180	131			248	136				
10:15	216	107			267	106				
10:30	276	79			285	72				
10:45	294	63	966	379	350	58	1149	370	2115	749
11:00	277	60			296	48				
11:15	307	65			273	41				
11:30	279	49			250	31				
11:45	314	43	1176	216	304	28	1122	147	2298	363
Totals	5408	14220			7963	11805				
Combined Totals		19628				19768				
ADT										39395
AM Peak Hour	1100	AM			800	AM				
Volume	1176				2047					
P.H.F.	0.936				0.960					
PM Peak Hour		445	PM			445	PM			
Volume		1929				1583				
P.H.F.		0.947				0.975				
Percentage	27.6%	72.4%			40.3%	59.7%				

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City of Irvine
Jeffrey Road
B/ Irvine Boulevard - Portola Parkway

File Name 246
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	119			5	88				
12:15	7	136			3	98				
12:30	7	113			4	104				
12:45	5	103	27	471	2	120	14	410	41	881
1:00	4	133			3	107				
1:15	5	105			1	146				
1:30	1	160			5	138				
1:45	2	138	12	536	0	140	9	531	21	1067
2:00	2	130			0	144				
2:15	2	123			0	123				
2:30	1	143			0	203				
2:45	1	174	6	570	1	217	1	687	7	1257
3:00	3	161			2	155				
3:15	0	179			3	164				
3:30	0	161			0	131				
3:45	2	188	5	689	1	138	6	588	11	1277
4:00	1	204			1	155				
4:15	3	185			4	184				
4:30	5	190			4	130				
4:45	7	232	16	811	7	145	16	614	32	1425
5:00	7	229			17	138				
5:15	7	194			6	152				
5:30	8	247			14	154				
5:45	29	251	51	921	21	127	58	571	109	1492
6:00	24	227			44	95				
6:15	38	228			29	125				
6:30	49	208			33	115				
6:45	41	144	152	807	62	125	168	460	320	1267
7:00	28	147			73	89				
7:15	61	120			82	85				
7:30	69	115			182	66				
7:45	125	98	283	480	224	86	561	326	844	806
8:00	128	108			191	57				
8:15	81	125			209	78				
8:30	109	83			187	55				
8:45	149	78	467	394	211	53	798	243	1265	637
9:00	208	72			161	47				
9:15	93	81			177	37				
9:30	115	59			191	31				
9:45	70	58	486	270	134	22	663	137	1149	407
10:00	85	61			88	20				
10:15	65	46			110	13				
10:30	101	30			113	14				
10:45	96	18	347	155	133	13	444	60	791	215
11:00	79	21			109	11				
11:15	103	22			110	7				
11:30	88	10			110	3				
11:45	96	7	366	60	113	6	442	27	808	87
Totals	2218	6164			3180	4654				
Combined Totals		8382				7834				
ADT										16216
AM Peak Hour	845	AM			745	AM				
Volume	565				811					
P.H.F.	0.679				0.905					
PM Peak Hour		530	PM			230	PM			
Volume		953				739				
P.H.F.		0.949				0.851				
Percentage	26.5%	73.5%			40.6%	59.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

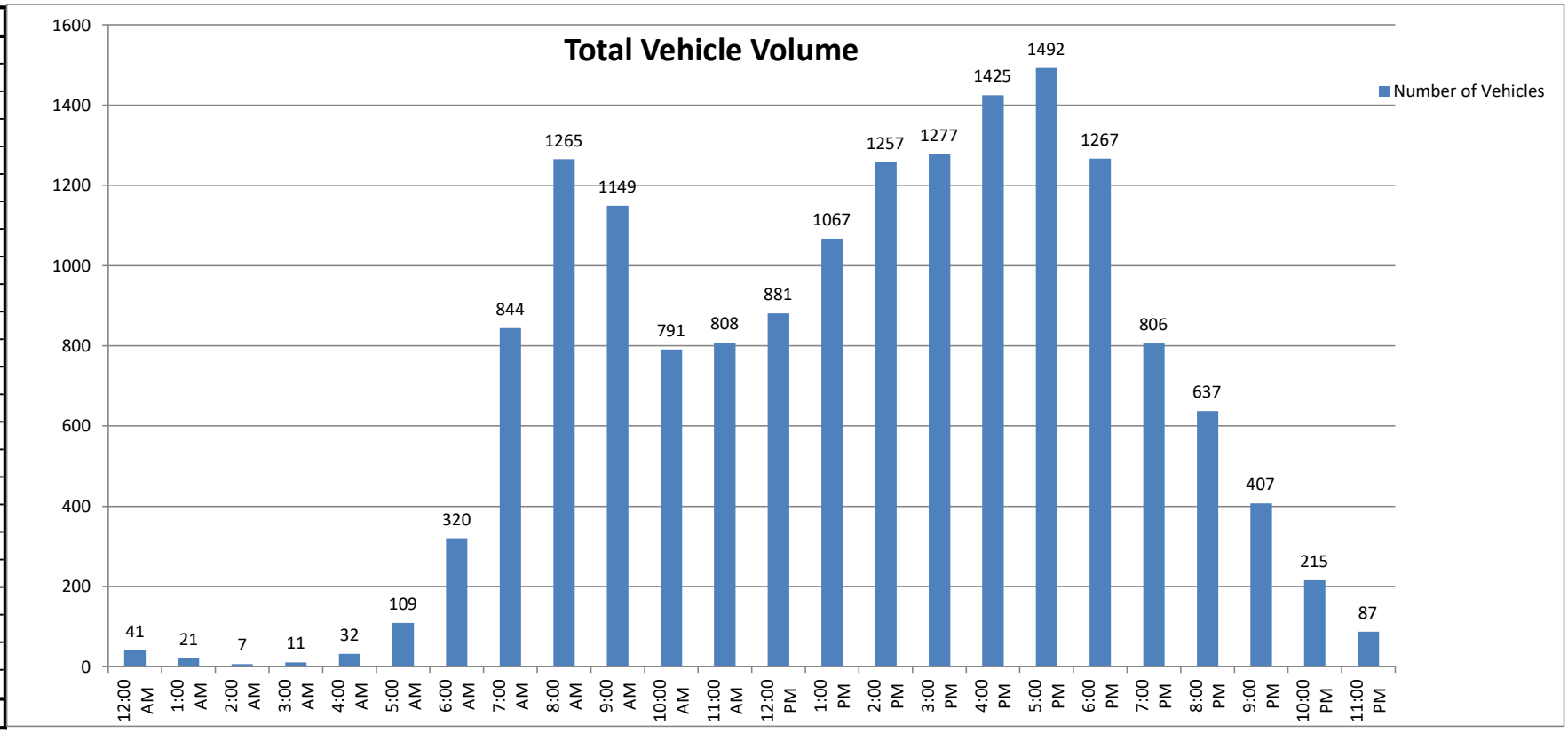
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Boulevard - Portola Parkway

3/13/2024

Start Time	3/13/2024
12:00 AM	41
1:00 AM	21
2:00 AM	7
3:00 AM	11
4:00 AM	32
5:00 AM	109
6:00 AM	320
7:00 AM	844
8:00 AM	1265
9:00 AM	1149
10:00 AM	791
11:00 AM	808
12:00 PM	881
1:00 PM	1067
2:00 PM	1257
3:00 PM	1277
4:00 PM	1425
5:00 PM	1492
6:00 PM	1267
7:00 PM	806
8:00 PM	637
9:00 PM	407
10:00 PM	215
11:00 PM	87
Total	16216



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City of Irvine
Jeffrey Road
B/ Irvine Boulevard - Portola Parkway

File Name 246
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	103			3	102				
12:15	7	112			4	78				
12:30	8	101			3	78				
12:45	11	119	37	435	7	93	17	351	54	786
1:00	11	107			4	83				
1:15	8	88			4	80				
1:30	7	132			3	101				
1:45	2	100	28	427	0	91	11	355	39	782
2:00	3	154			3	106				
2:15	3	138			1	128				
2:30	0	131			1	213				
2:45	4	210	10	633	1	219	6	666	16	1299
3:00	0	190			1	185				
3:15	0	187			1	148				
3:30	0	187			3	145				
3:45	0	173	0	737	1	154	6	632	6	1369
4:00	1	221			1	146				
4:15	5	176			0	165				
4:30	1	186			3	137				
4:45	3	205	10	788	3	126	7	574	17	1362
5:00	5	210			9	97				
5:15	5	247			11	139				
5:30	18	216			14	141				
5:45	15	254	43	927	17	134	51	511	94	1438
6:00	20	188			19	118				
6:15	27	190			30	131				
6:30	50	175			34	100				
6:45	37	158	134	711	47	122	130	471	264	1182
7:00	39	148			73	110				
7:15	44	147			86	90				
7:30	82	105			167	75				
7:45	118	136	283	536	189	68	515	343	798	879
8:00	218	95			231	66				
8:15	133	93			274	68				
8:30	128	99			269	53				
8:45	99	84	578	371	168	41	942	228	1520	599
9:00	91	71			141	36				
9:15	73	83			116	33				
9:30	78	63			99	35				
9:45	93	57	335	274	123	30	479	134	814	408
10:00	77	50			124	31				
10:15	63	58			113	23				
10:30	69	36			100	31				
10:45	70	43	279	187	114	14	451	99	730	286
11:00	100	25			89	14				
11:15	92	15			97	11				
11:30	75	5			95	9				
11:45	91	12	358	57	91	7	372	41	730	98
Totals	2095	6083			2987	4405				
Combined Totals		8178				7392				
ADT										15570
AM Peak Hour	745	AM			745	AM				
Volume	597				963					
P.H.F.	0.685				0.879					
PM Peak Hour		500	PM			230	PM			
Volume		927				765				
P.H.F.		0.912				0.873				
Percentage	25.6%	74.4%			40.4%	59.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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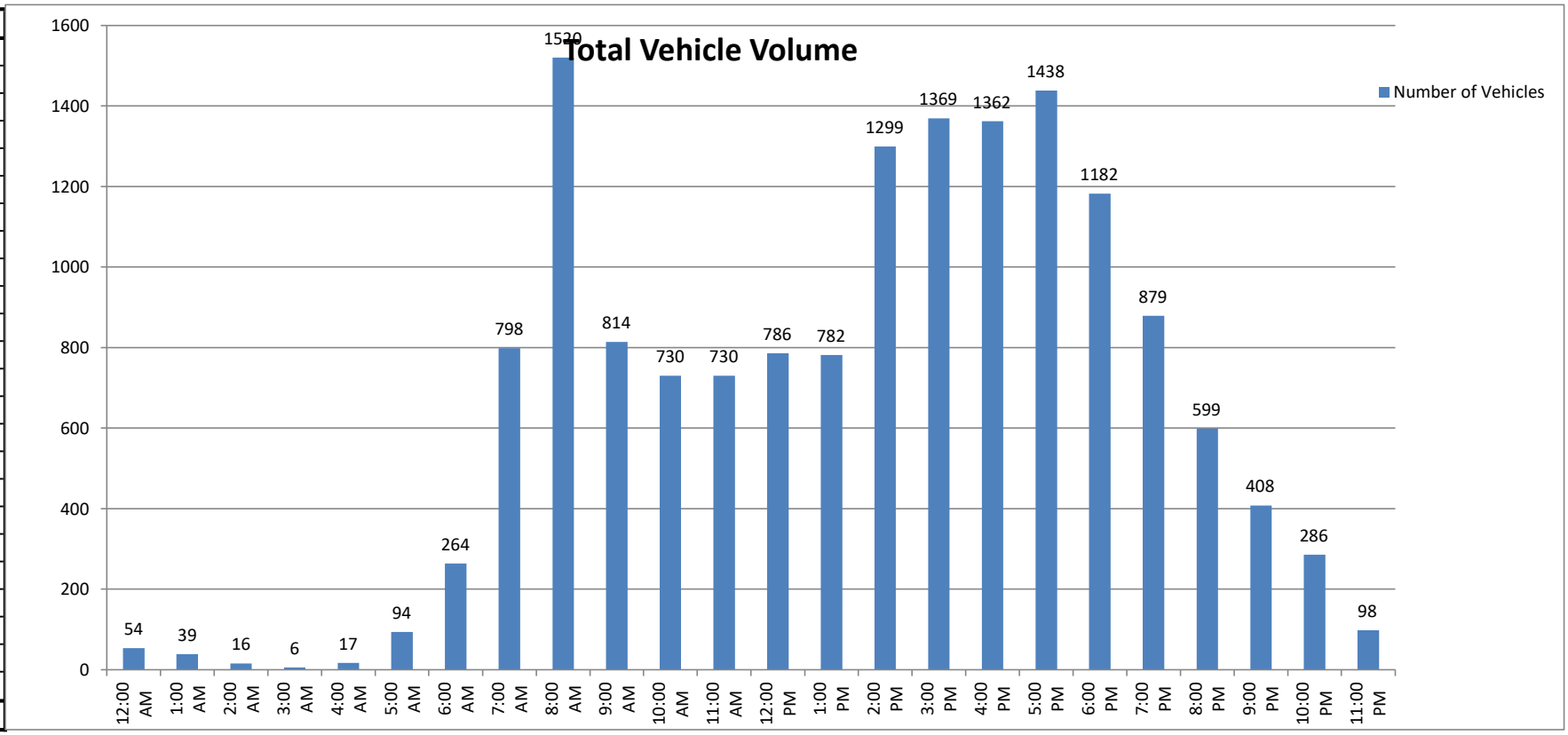
24 Hour Volume Plot

Jeffrey Road

B/ Irvine Boulevard - Portola Parkway

3/14/2024

Start Time	3/14/2024
12:00 AM	54
1:00 AM	39
2:00 AM	16
3:00 AM	6
4:00 AM	17
5:00 AM	94
6:00 AM	264
7:00 AM	798
8:00 AM	1520
9:00 AM	814
10:00 AM	730
11:00 AM	730
12:00 PM	786
1:00 PM	782
2:00 PM	1299
3:00 PM	1369
4:00 PM	1362
5:00 PM	1438
6:00 PM	1182
7:00 PM	879
8:00 PM	599
9:00 PM	408
10:00 PM	286
11:00 PM	98
Total	15570



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Irvine Boulevard - Portola Parkway

File Name 246
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	111			4	95				
12:15	7	124			4	88				
12:30	8	107			4	91				
12:45	8	111	32	453	5	107	16	381	48	834
1:00	8	120			4	95				
1:15	7	97			3	113				
1:30	4	146			4	120				
1:45	2	119	20	482	0	116	10	443	30	925
2:00	3	142			2	125				
2:15	3	131			1	126				
2:30	1	137			1	208				
2:45	3	192	8	602	1	218	4	677	12	1278
3:00	2	176			2	170				
3:15	0	183			2	156				
3:30	0	174			2	138				
3:45	1	181	3	713	1	146	6	610	9	1323
4:00	1	213			1	151				
4:15	4	181			2	175				
4:30	3	188			4	134				
4:45	5	219	13	800	5	136	12	594	25	1394
5:00	6	220			13	118				
5:15	6	221			9	146				
5:30	13	232			14	148				
5:45	22	253	47	924	19	131	55	541	102	1465
6:00	22	208			32	107				
6:15	33	209			30	128				
6:30	50	192			34	108				
6:45	39	151	143	759	55	124	149	466	292	1225
7:00	34	148			73	100				
7:15	53	134			84	88				
7:30	76	110			175	71				
7:45	122	117	283	508	207	77	538	335	821	843
8:00	173	102			211	62				
8:15	107	109			242	73				
8:30	119	91			228	54				
8:45	124	81	523	383	190	47	870	236	1393	618
9:00	150	72			151	42				
9:15	83	82			147	35				
9:30	97	61			145	33				
9:45	82	58	411	272	129	26	571	136	982	408
10:00	81	56			106	26				
10:15	64	52			112	18				
10:30	85	33			107	23				
10:45	83	31	313	171	124	14	448	80	761	251
11:00	90	23			99	13				
11:15	98	19			104	9				
11:30	82	8			103	6				
11:45	94	10	362	59	102	7	407	34	769	93
Totals	2157	6124			3084	4530				
Combined Totals		8280				7613				
ADT										15893
AM Peak Hour	800	AM			745	AM				
Volume	523				887					
P.H.F.	0.755				0.918					
PM Peak Hour		500	PM			230	PM			
Volume		924				752				
P.H.F.		0.915				0.862				
Percentage	26.0%	74.0%			40.5%	59.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Meadows - Walnut Avenue

File Name 240
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	45	352			26	332				
12:15	29	354			15	316				
12:30	18	332			18	340				
12:45	12	362	104	1400	20	390	79	1378	183	2778
1:00	14	364			14	301				
1:15	14	386			5	356				
1:30	9	314			8	341				
1:45	9	390	46	1454	11	402	38	1400	84	2854
2:00	17	356			12	317				
2:15	9	294			8	368				
2:30	8	374			12	407				
2:45	6	370	40	1394	4	378	36	1470	76	2864
3:00	8	376			6	365				
3:15	4	419			7	356				
3:30	4	376			12	340				
3:45	11	420	27	1591	13	348	38	1409	65	3000
4:00	9	380			5	372				
4:15	13	442			13	408				
4:30	18	415			26	396				
4:45	11	522	51	1759	32	424	76	1600	127	3359
5:00	22	460			38	406				
5:15	44	550			59	463				
5:30	44	445			57	422				
5:45	58	476	168	1931	119	435	273	1726	441	3657
6:00	56	430			81	364				
6:15	60	460			98	362				
6:30	94	390			160	350				
6:45	128	413	338	1693	170	360	509	1436	847	3129
7:00	157	366			195	283				
7:15	196	328			291	242				
7:30	244	283			414	194				
7:45	236	278	833	1255	490	176	1390	895	2223	2150
8:00	230	223			587	160				
8:15	238	246			540	162				
8:30	241	242			586	166				
8:45	215	201	924	912	574	146	2287	634	3211	1546
9:00	236	208			421	120				
9:15	248	232			370	125				
9:30	220	140			332	113				
9:45	234	149	938	729	335	107	1458	465	2396	1194
10:00	192	121			267	84				
10:15	246	109			312	78				
10:30	272	81			314	52				
10:45	346	70	1056	381	392	48	1285	262	2341	643
11:00	366	73			307	48				
11:15	316	44			308	34				
11:30	314	46			328	38				
11:45	322	41	1318	204	300	34	1243	154	2561	358
Totals	5843	14703			8712	12829				
Combined Totals		20546				21541				
ADT										42087
AM Peak Hour	1045	AM			800	AM				
Volume	1342				2287					
P.H.F.	0.917				0.974					
PM Peak Hour		445	PM			500	PM			
Volume		1977				1726				
P.H.F.		0.899				0.932				
Percentage	28.4%	71.6%			40.4%	59.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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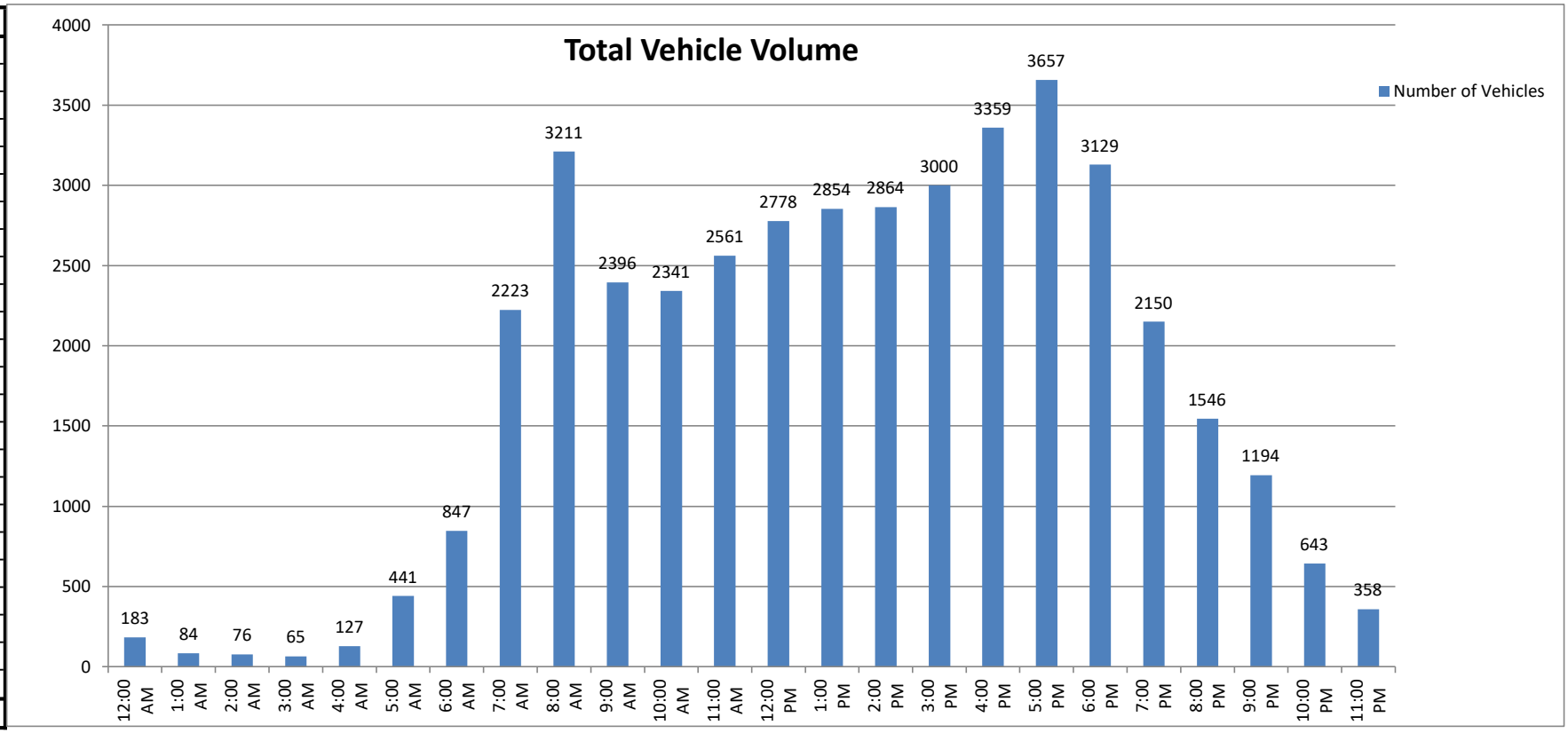
24 Hour Volume Plot

Jeffrey Road

B/ Meadows - Walnut Avenue

5/1/2024

Start Time	5/1/2024
12:00 AM	183
1:00 AM	84
2:00 AM	76
3:00 AM	65
4:00 AM	127
5:00 AM	441
6:00 AM	847
7:00 AM	2223
8:00 AM	3211
9:00 AM	2396
10:00 AM	2341
11:00 AM	2561
12:00 PM	2778
1:00 PM	2854
2:00 PM	2864
3:00 PM	3000
4:00 PM	3359
5:00 PM	3657
6:00 PM	3129
7:00 PM	2150
8:00 PM	1546
9:00 PM	1194
10:00 PM	643
11:00 PM	358
Total	42087



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Meadows - Walnut Avenue

File Name 240
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	352			20	358				
12:15	27	306			16	336				
12:30	27	300			16	315				
12:45	26	342	108	1300	14	353	66	1362	174	2662
1:00	15	343			8	279				
1:15	18	326			4	310				
1:30	7	300			12	310				
1:45	10	337	50	1306	14	351	38	1250	88	2556
2:00	8	328			7	318				
2:15	14	361			8	349				
2:30	8	378			6	330				
2:45	6	380	36	1447	7	372	28	1369	64	2816
3:00	4	362			6	371				
3:15	8	396			7	358				
3:30	4	370			6	341				
3:45	5	406	21	1534	12	364	31	1434	52	2968
4:00	12	348			9	372				
4:15	8	400			15	348				
4:30	20	422			22	361				
4:45	17	462	57	1632	34	416	80	1497	137	3129
5:00	24	425			32	376				
5:15	34	498			43	414				
5:30	36	389			63	413				
5:45	48	536	142	1848	104	433	242	1636	384	3484
6:00	36	442			87	332				
6:15	66	457			98	374				
6:30	86	306			124	353				
6:45	120	392	308	1597	170	328	479	1387	787	2984
7:00	134	324			194	260				
7:15	215	310			256	250				
7:30	202	307			402	182				
7:45	252	280	803	1221	474	187	1326	879	2129	2100
8:00	264	267			506	191				
8:15	262	248			550	162				
8:30	239	249			544	140				
8:45	200	215	965	979	526	153	2126	646	3091	1625
9:00	226	214			388	136				
9:15	203	226			374	138				
9:30	260	158			332	124				
9:45	262	174	951	772	306	118	1400	516	2351	1288
10:00	218	142			260	100				
10:15	242	122			336	80				
10:30	224	101			344	65				
10:45	320	84	1004	449	373	52	1313	297	2317	746
11:00	309	46			319	40				
11:15	296	66			288	39				
11:30	298	55			333	38				
11:45	306	38	1209	205	322	40	1262	157	2471	362
Totals	5654	14290			8391	12430				
Combined Totals		19944				20821				
ADT										40765
AM Peak Hour	1045	AM			800	AM				
Volume	1223				2126					
P.H.F.	0.955				0.966					
PM Peak Hour		515	PM			500	PM			
Volume		1865				1636				
P.H.F.		0.870				0.945				
Percentage	28.3%	71.7%			40.3%	59.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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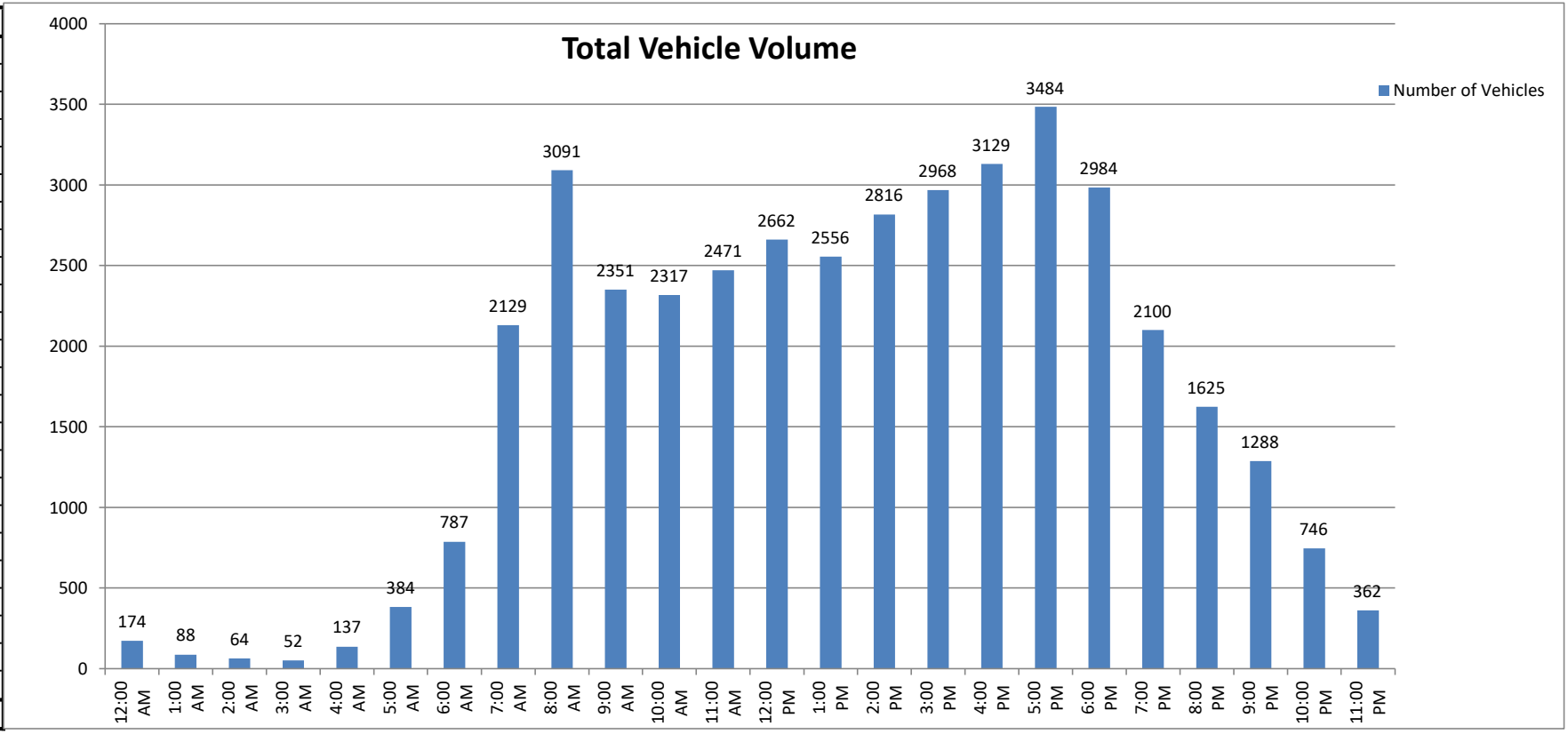
24 Hour Volume Plot

Jeffrey Road

B/ Meadows - Walnut Avenue

5/2/2024

Start Time	5/2/2024
12:00 AM	174
1:00 AM	88
2:00 AM	64
3:00 AM	52
4:00 AM	137
5:00 AM	384
6:00 AM	787
7:00 AM	2129
8:00 AM	3091
9:00 AM	2351
10:00 AM	2317
11:00 AM	2471
12:00 PM	2662
1:00 PM	2556
2:00 PM	2816
3:00 PM	2968
4:00 PM	3129
5:00 PM	3484
6:00 PM	2984
7:00 PM	2100
8:00 PM	1625
9:00 PM	1288
10:00 PM	746
11:00 PM	362
Total	40765



Volumes represent the combined totals for both directions

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Meadows - Walnut Avenue

File Name 240
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	37	352			23	345				
12:15	28	330			16	326				
12:30	23	316			17	328				
12:45	19	352	106	1350	17	372	73	1370	179	2720
1:00	15	354			11	290				
1:15	16	356			5	333				
1:30	8	307			10	326				
1:45	10	364	48	1380	13	377	38	1325	86	2705
2:00	13	342			10	318				
2:15	12	328			8	359				
2:30	8	376			9	369				
2:45	6	375	38	1421	6	375	32	1420	70	2840
3:00	6	369			6	368				
3:15	6	408			7	357				
3:30	4	373			9	341				
3:45	8	413	24	1563	13	356	35	1422	59	2984
4:00	11	364			7	372				
4:15	11	421			14	378				
4:30	19	419			24	379				
4:45	14	492	54	1696	33	420	78	1549	132	3244
5:00	23	443			35	391				
5:15	39	524			51	439				
5:30	40	417			60	418				
5:45	53	506	155	1890	112	434	258	1681	413	3571
6:00	46	436			84	348				
6:15	63	459			98	368				
6:30	90	348			142	352				
6:45	124	403	323	1645	170	344	494	1412	817	3057
7:00	146	345			195	272				
7:15	206	319			274	246				
7:30	223	295			408	188				
7:45	244	279	818	1238	482	182	1358	887	2176	2125
8:00	247	245			547	176				
8:15	250	247			545	162				
8:30	240	246			565	153				
8:45	208	208	945	946	550	150	2207	640	3151	1586
9:00	231	211			405	128				
9:15	226	229			372	132				
9:30	240	149			332	119				
9:45	248	162	945	751	321	113	1429	491	2374	1241
10:00	205	132			264	92				
10:15	244	116			324	79				
10:30	248	91			329	59				
10:45	333	77	1030	415	383	50	1299	280	2329	695
11:00	338	60			313	44				
11:15	306	55			298	37				
11:30	306	51			331	38				
11:45	314	40	1264	205	311	37	1253	156	2516	360
Totals	5749	14497			8552	12630				
Combined Totals		20245				21181				
ADT										41426
AM Peak Hour	1045	AM			800	AM				
Volume	1283				2207					
P.H.F.	0.950				0.976					
PM Peak Hour		500	PM			500	PM			
Volume		1890				1681				
P.H.F.		0.901				0.958				
Percentage	28.4%	71.6%			40.4%	59.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Jeffrey Road
N/ Portola Parkway
24 Hour Directional Volume Count

IRV064
Site Code: 051-24139

Start Time	2/27/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	9			0	7				
12:15		1	6			0	7				
12:30		0	11			0	8				
12:45		0	8	1	34	0	5	0	27	1	61
01:00		0	4			0	4				
01:15		0	9			0	4				
01:30		1	8			0	17				
01:45		0	11	1	32	0	4	0	29	1	61
02:00		0	5			0	5				
02:15		0	17			0	12				
02:30		0	13			1	13				
02:45		0	9	0	44	0	11	1	41	1	85
03:00		0	**6**			0	5				
03:15		1	**12**			1	**15**				
03:30		0	**16**			1	**30**				
03:45		0	**14**	1	48	0	**40**	2	90	3	138
04:00		0	6			0	**24**				
04:15		3	2			0	13				
04:30		1	3			3	12				
04:45		4	4	8	15	1	7	4	56	12	71
05:00		4	3			2	6				
05:15		3	9			1	3				
05:30		13	7			0	4				
05:45		**29**	7	49	26	0	6	3	19	52	45
06:00		**33**	2			7	6				
06:15		**28**	3			11	9				
06:30		**36**	1			**17**	6				
06:45		19	1	116	7	**21**	2	56	23	172	30
07:00		21	1			**12**	17				
07:15		9	2			**17**	2				
07:30		14	1			8	0				
07:45		13	1	57	5	8	1	45	20	102	25
08:00		6	2			9	2				
08:15		13	0			4	1				
08:30		14	2			8	1				
08:45		5	0	38	4	7	0	28	4	66	8
09:00		6	0			14	0				
09:15		8	0			3	0				
09:30		12	0			13	0				
09:45		6	2	32	2	12	1	42	1	74	3
10:00		2	1			12	1				
10:15		8	0			3	0				
10:30		9	0			8	0				
10:45		9	0	28	1	10	1	33	2	61	3
11:00		8	0			10	0				
11:15		6	0			9	0				
11:30		12	2			10	0				
11:45		3	0	29	2	5	1	34	1	63	3
Total		360	220	360	220	248	313	248	313	608	533
Combined Total		580		580		561		561		1141	
AM Peak	-	05:45	-	-	-	06:30	-	-	-	-	-
Vol.	-	126	-	-	-	67	-	-	-	-	-
P.H.F.		0.875				0.798					
PM Peak	-	-	03:00	-	-	-	03:15	-	-	-	-
Vol.	-	-	48	-	-	-	109	-	-	-	-
P.H.F.			0.706				0.681				
Percentage		62.1%	37.9%			44.2%	55.8%				
ADT/AADT		ADT 1,141		AADT 1,141							

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Jeffrey Road
B/ Northbound Interstate 5 - Roosevelt

File Name 242
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	44	340			39	307				
12:15	34	383			39	344				
12:30	18	390			34	358				
12:45	20	387	116	1500	36	375	148	1384	264	2884
1:00	26	395			22	355				
1:15	21	399			15	321				
1:30	13	384			9	409				
1:45	14	417	74	1595	4	399	50	1484	124	3079
2:00	13	377			10	365				
2:15	10	370			14	344				
2:30	16	444			8	346				
2:45	15	456	54	1647	9	371	41	1426	95	3073
3:00	13	445			8	383				
3:15	6	475			14	360				
3:30	8	552			14	396				
3:45	17	587	44	2059	19	341	55	1480	99	3539
4:00	8	580			18	341				
4:15	11	580			20	343				
4:30	14	591			31	371				
4:45	21	645	54	2396	40	390	109	1445	163	3841
5:00	23	675			60	377				
5:15	34	720			60	350				
5:30	34	699			100	351				
5:45	70	699	161	2793	124	376	344	1454	505	4247
6:00	77	645			118	367				
6:15	77	667			140	341				
6:30	102	537			230	352				
6:45	105	478	361	2327	245	339	733	1399	1094	3726
7:00	129	425			271	292				
7:15	151	375			406	308				
7:30	218	332			450	253				
7:45	237	371	735	1503	598	225	1725	1078	2460	2581
8:00	227	354			599	246				
8:15	264	437			596	211				
8:30	272	301			618	214				
8:45	291	313	1054	1405	670	165	2483	836	3537	2241
9:00	252	217			478	171				
9:15	211	276			471	182				
9:30	259	202			465	122				
9:45	259	209	981	904	385	150	1799	625	2780	1529
10:00	246	183			337	234				
10:15	203	146			323	116				
10:30	260	124			367	79				
10:45	278	97	987	550	333	50	1360	479	2347	1029
11:00	280	81			344	49				
11:15	282	92			380	46				
11:30	293	45			371	36				
11:45	376	50	1231	268	353	38	1448	169	2679	437
Totals	5852	18947			10295	13259				
Combined Totals		24799				23554				
ADT										48353
AM Peak Hour	1100	AM			800	AM				
Volume	1231				2483					
P.H.F.	0.818				0.926					
PM Peak Hour		500	PM			130	PM			
Volume		2793				1517				
P.H.F.		0.970				0.927				
Percentage	23.6%	76.4%			43.7%	56.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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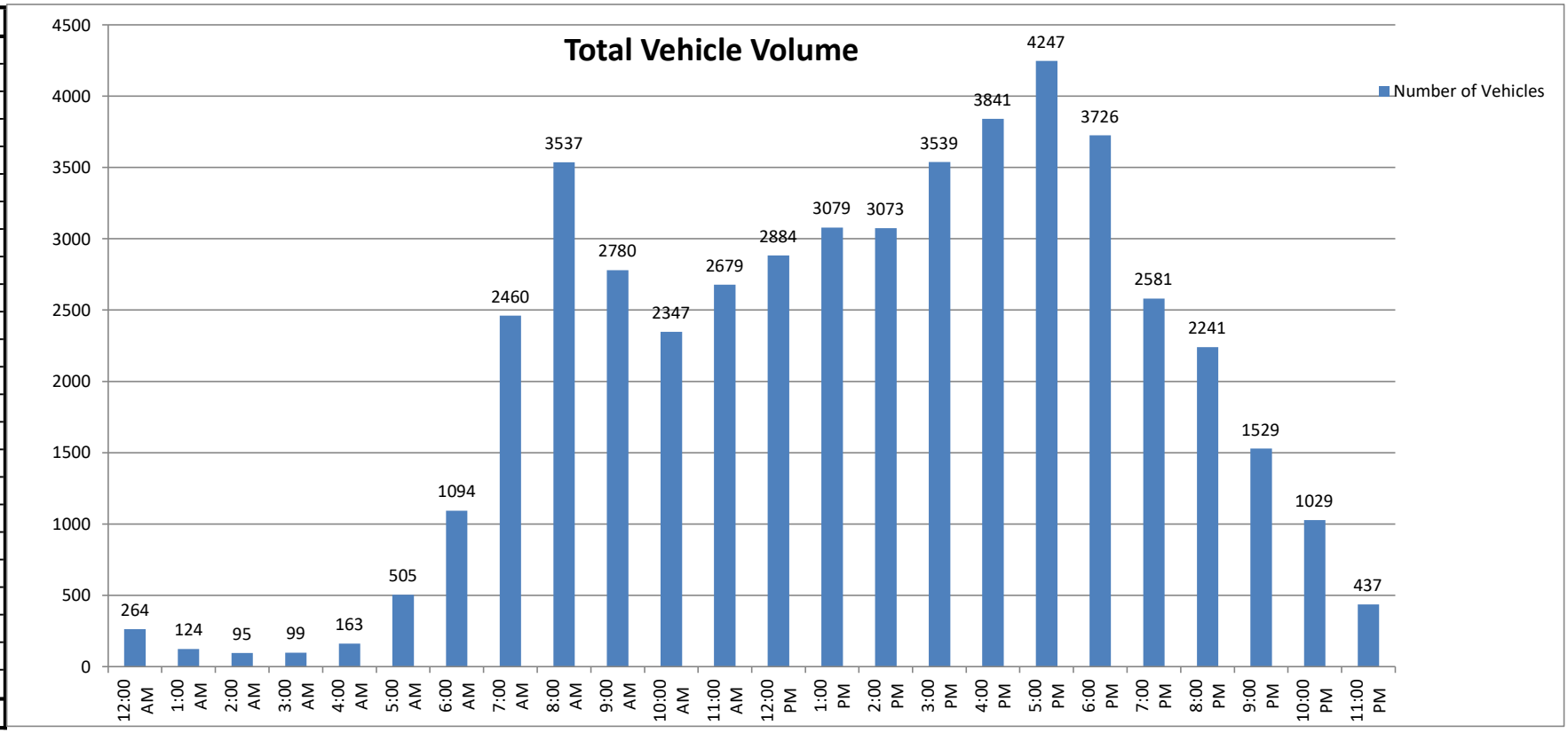
24 Hour Volume Plot

Jeffrey Road

B/ Northbound Interstate 5 - Roosevelt

3/13/2024

Start Time	3/13/2024
12:00 AM	264
1:00 AM	124
2:00 AM	95
3:00 AM	99
4:00 AM	163
5:00 AM	505
6:00 AM	1094
7:00 AM	2460
8:00 AM	3537
9:00 AM	2780
10:00 AM	2347
11:00 AM	2679
12:00 PM	2884
1:00 PM	3079
2:00 PM	3073
3:00 PM	3539
4:00 PM	3841
5:00 PM	4247
6:00 PM	3726
7:00 PM	2581
8:00 PM	2241
9:00 PM	1529
10:00 PM	1029
11:00 PM	437
Total	48353



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Northbound Interstate 5 - Roosevelt

File Name 242
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	47	309			27	328				
12:15	31	340			28	337				
12:30	34	317			25	327				
12:45	30	348	142	1314	24	289	104	1281	246	2595
1:00	23	347			24	314				
1:15	24	321			12	305				
1:30	29	316			13	355				
1:45	14	364	90	1348	9	291	58	1265	148	2613
2:00	19	417			8	300				
2:15	19	396			9	295				
2:30	13	373			9	362				
2:45	11	478	62	1664	7	394	33	1351	95	3015
3:00	6	434			9	377				
3:15	13	515			10	400				
3:30	8	536			18	380				
3:45	4	507	31	1992	21	361	58	1518	89	3510
4:00	18	565			14	365				
4:15	9	583			22	322				
4:30	18	540			33	345				
4:45	13	594	58	2282	63	345	132	1377	190	3659
5:00	11	612			70	361				
5:15	26	684			75	369				
5:30	48	670			92	334				
5:45	57	661	142	2627	94	365	331	1429	473	4056
6:00	80	604			102	386				
6:15	58	627			139	351				
6:30	73	529			237	303				
6:45	124	521	335	2281	234	336	712	1376	1047	3657
7:00	107	472			277	317				
7:15	149	415			412	255				
7:30	219	387			503	269				
7:45	210	422	685	1696	558	247	1750	1088	2435	2784
8:00	251	407			557	219				
8:15	231	377			554	214				
8:30	273	316			640	219				
8:45	290	306	1045	1406	609	171	2360	823	3405	2229
9:00	254	277			495	175				
9:15	242	264			431	207				
9:30	238	207			410	154				
9:45	231	182	965	930	348	126	1684	662	2649	1592
10:00	234	233			369	220				
10:15	233	150			373	195				
10:30	248	151			346	105				
10:45	282	101	997	635	373	83	1461	603	2458	1238
11:00	292	78			301	70				
11:15	319	60			356	74				
11:30	296	61			339	56				
11:45	314	42	1221	241	315	41	1311	241	2532	482
Totals	5773	18416			9994	13014				
Combined Totals		24189				23008				
ADT										47197
AM Peak Hour	1100	AM			800	AM				
Volume	1221				2360					
P.H.F.	0.957				0.922					
PM Peak Hour		500	PM			245	PM			
Volume		2627				1551				
P.H.F.		0.960				0.969				
Percentage	23.9%	76.1%			43.4%	56.6%				

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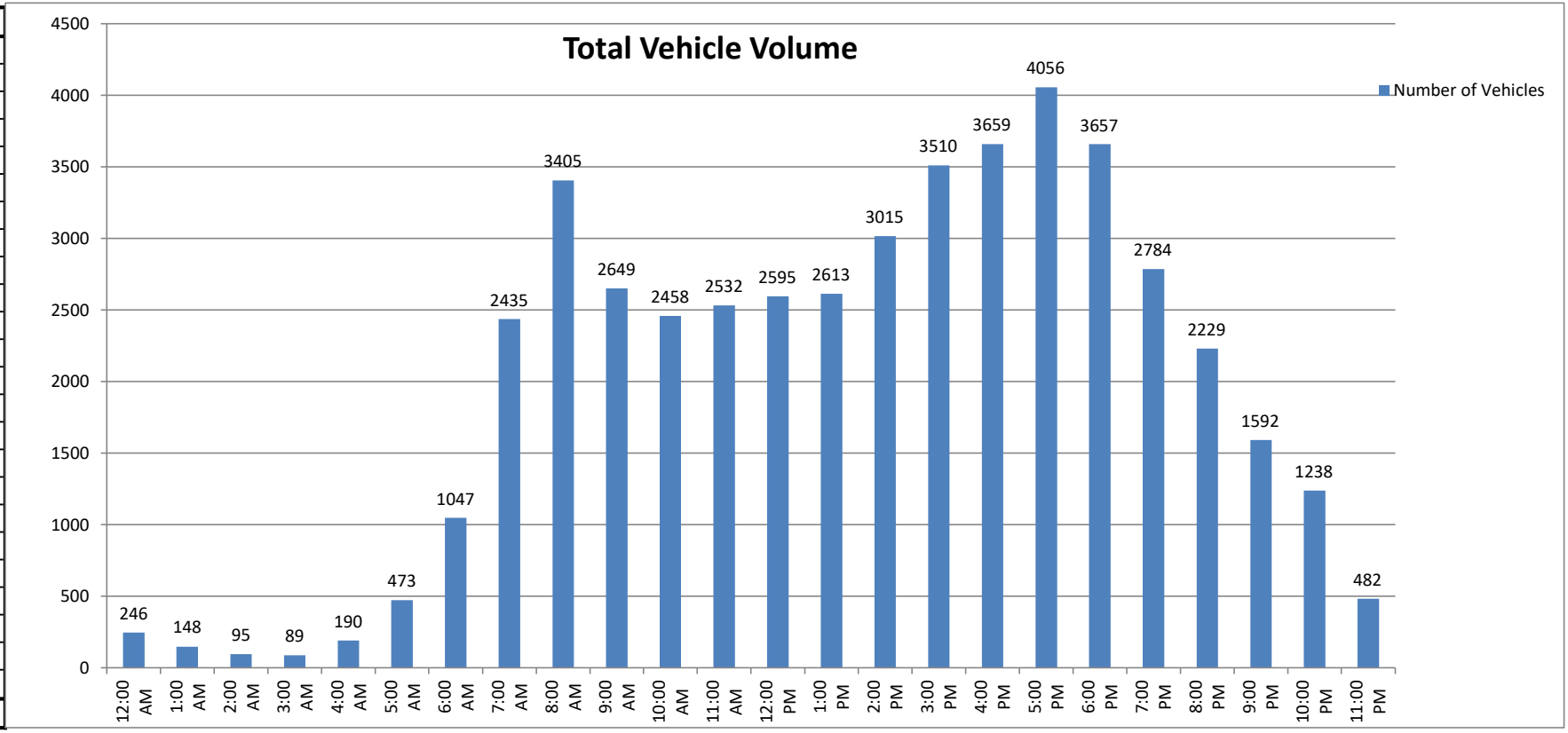
24 Hour Volume Plot

Jeffrey Road

B/ Northbound Interstate 5 - Roosevelt

3/14/2024

Start Time	3/14/2024
12:00 AM	246
1:00 AM	148
2:00 AM	95
3:00 AM	89
4:00 AM	190
5:00 AM	473
6:00 AM	1047
7:00 AM	2435
8:00 AM	3405
9:00 AM	2649
10:00 AM	2458
11:00 AM	2532
12:00 PM	2595
1:00 PM	2613
2:00 PM	3015
3:00 PM	3510
4:00 PM	3659
5:00 PM	4056
6:00 PM	3657
7:00 PM	2784
8:00 PM	2229
9:00 PM	1592
10:00 PM	1238
11:00 PM	482
Total	47197



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Northbound Interstate 5 - Roosevelt

File Name 242
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	46	325			33	318				
12:15	33	362			34	341				
12:30	26	354			30	343				
12:45	25	368	129	1407	30	332	126	1333	255	2740
1:00	25	371			23	335				
1:15	23	360			14	313				
1:30	21	350			11	382				
1:45	14	391	82	1472	7	345	54	1375	136	2846
2:00	16	397			9	333				
2:15	15	383			12	320				
2:30	15	409			9	354				
2:45	13	467	58	1656	8	383	37	1389	95	3044
3:00	10	440			9	380				
3:15	10	495			12	380				
3:30	8	544			16	388				
3:45	11	547	38	2026	20	351	57	1499	94	3525
4:00	13	573			16	353				
4:15	10	582			21	333				
4:30	16	566			32	358				
4:45	17	620	56	2339	52	368	121	1411	177	3750
5:00	17	644			65	369				
5:15	30	702			68	360				
5:30	41	685			96	343				
5:45	64	680	152	2710	109	371	338	1442	489	4152
6:00	79	625			110	377				
6:15	68	647			140	346				
6:30	88	533			234	328				
6:45	115	500	348	2304	240	338	723	1388	1071	3692
7:00	118	449			274	305				
7:15	150	395			409	282				
7:30	219	360			477	261				
7:45	224	397	710	1600	578	236	1738	1083	2448	2683
8:00	239	381			578	233				
8:15	248	407			575	213				
8:30	273	309			629	217				
8:45	291	310	1050	1406	640	168	2422	830	3471	2235
9:00	253	247			487	173				
9:15	227	270			451	195				
9:30	249	205			438	138				
9:45	245	196	973	917	367	138	1742	644	2715	1561
10:00	240	208			353	227				
10:15	218	148			348	156				
10:30	254	138			357	92				
10:45	280	99	992	593	353	67	1411	541	2403	1134
11:00	286	80			323	60				
11:15	301	76			368	60				
11:30	295	53			355	46				
11:45	345	46	1226	255	334	40	1380	205	2606	460
Totals	5813	18682			10145	13137				
Combined Totals		24494				23281				
ADT										47775
AM Peak Hour	1100	AM			800	AM				
Volume	1226				2422					
P.H.F.	0.888				0.947					
PM Peak Hour		500	PM			245	PM			
Volume		2710				1531				
P.H.F.		0.965				0.986				
Percentage	23.7%	76.3%			43.6%	56.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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City of Irvine
Jeffrey Road
B/ Roosevelt - Trabuco Road

File Name 243
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	38	238			23	228				
12:15	25	328			31	267				
12:30	22	254			30	251				
12:45	16	262	101	1082	23	298	107	1044	208	2126
1:00	19	300			13	277				
1:15	17	278			8	238				
1:30	10	308			15	330				
1:45	10	279	56	1165	3	285	39	1130	95	2295
2:00	10	291			5	301				
2:15	6	255			10	270				
2:30	8	319			5	319				
2:45	11	342	35	1207	8	324	28	1214	63	2421
3:00	13	399			5	288				
3:15	4	384			12	333				
3:30	5	394			8	267				
3:45	14	432	36	1609	8	296	33	1184	69	2793
4:00	4	444			9	243				
4:15	8	498			18	286				
4:30	14	467			21	272				
4:45	17	501	43	1910	24	338	72	1139	115	3049
5:00	16	483			37	256				
5:15	21	557			48	284				
5:30	18	532			72	232				
5:45	47	546	102	2118	91	286	248	1058	350	3176
6:00	33	469			121	236				
6:15	61	525			112	272				
6:30	104	400			124	233				
6:45	103	382	301	1776	157	271	514	1012	815	2788
7:00	101	328			197	213				
7:15	123	257			279	207				
7:30	166	274			319	198				
7:45	199	242	589	1101	471	184	1266	802	1855	1903
8:00	159	241			399	171				
8:15	210	281			459	175				
8:30	270	211			415	139				
8:45	261	222	900	955	484	130	1757	615	2657	1570
9:00	198	156			352	116				
9:15	168	207			394	112				
9:30	177	143			346	94				
9:45	188	141	731	647	300	97	1392	419	2123	1066
10:00	161	165			259	116				
10:15	150	105			246	66				
10:30	224	86			303	49				
10:45	223	63	758	419	272	35	1080	266	1838	685
11:00	225	43			287	39				
11:15	205	66			276	34				
11:30	237	25			299	30				
11:45	274	26	941	160	261	32	1123	135	2064	295
Totals	4593	14149			7659	10018				
Combined Totals		18742				17677				
ADT										36419
AM Peak Hour	1100	AM			800	AM				
Volume	941				1757					
P.H.F.	0.859				0.908					
PM Peak Hour		500	PM			230	PM			
Volume		2118				1264				
P.H.F.		0.951				0.949				
Percentage	24.5%	75.5%			43.3%	56.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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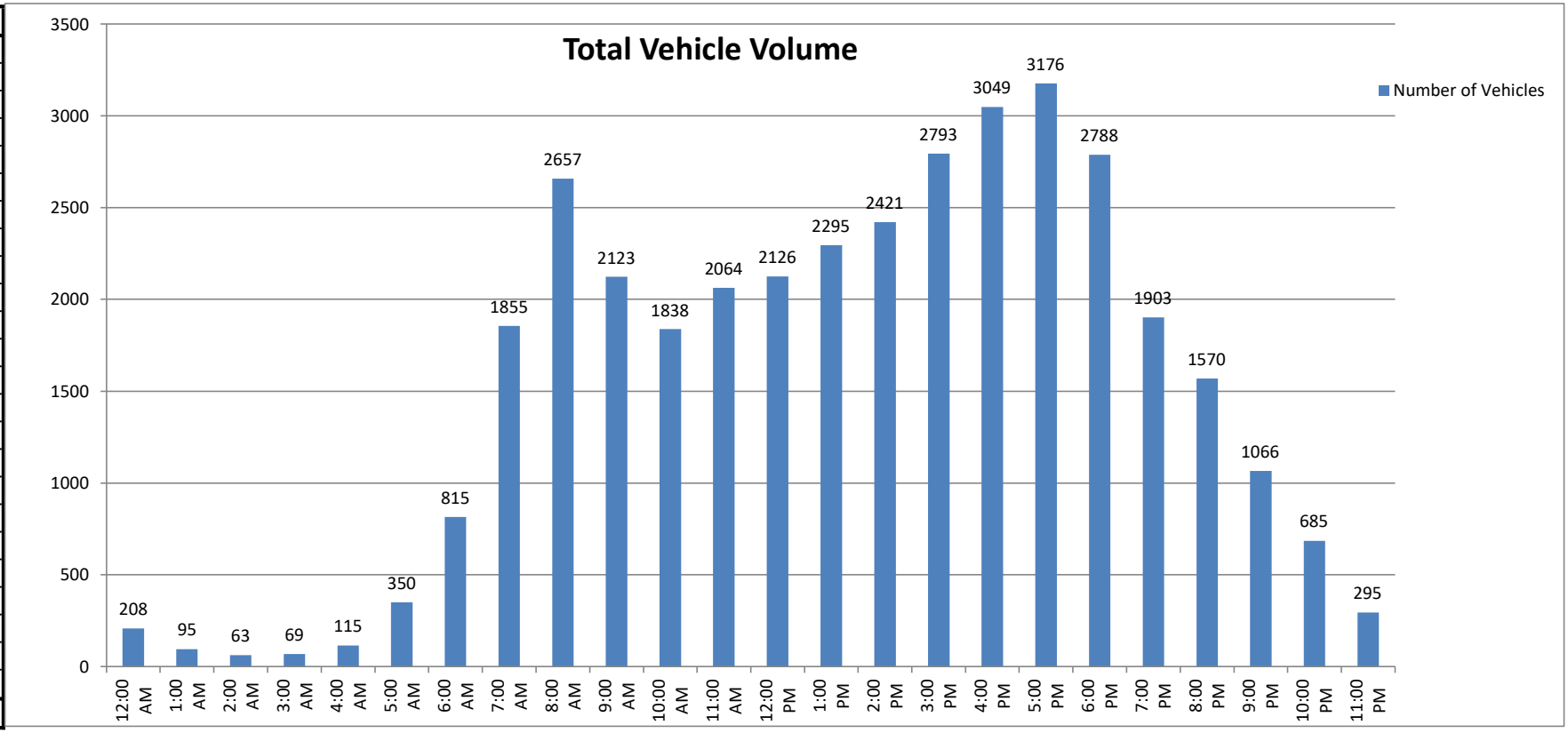
24 Hour Volume Plot

Jeffrey Road
B/ Roosevelt - Trabuco Road
3/13/2024

Start Time	3/13/2024
12:00 AM	208
1:00 AM	95
2:00 AM	63
3:00 AM	69
4:00 AM	115
5:00 AM	350
6:00 AM	815
7:00 AM	1855
8:00 AM	2657
9:00 AM	2123
10:00 AM	1838
11:00 AM	2064
12:00 PM	2126
1:00 PM	2295
2:00 PM	2421
3:00 PM	2793
4:00 PM	3049
5:00 PM	3176
6:00 PM	2788
7:00 PM	1903
8:00 PM	1570
9:00 PM	1066
10:00 PM	685
11:00 PM	295
Total	36419



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Jeffrey Road
B/ Roosevelt - Trabuco Road

File Name 243
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	37	168			22	215				
12:15	18	162			22	257				
12:30	27	63			22	241				
12:45	23	32	105	425	20	236	86	949	191	1374
1:00	15	10			21	224				
1:15	13	13			13	223				
1:30	19	14			11	280				
1:45	9	29	56	66	8	233	53	960	109	1026
2:00	11	51			7	247				
2:15	12	34			3	226				
2:30	6	52			2	304				
2:45	11	42	40	179	7	333	19	1110	59	1289
3:00	3	18			4	288				
3:15	9	26			9	351				
3:30	8	17			9	261				
3:45	4	23	24	84	12	305	34	1205	58	1289
4:00	13	57			7	257				
4:15	8	43			14	286				
4:30	15	44			20	265				
4:45	12	162	48	306	45	324	86	1132	134	1438
5:00	10	161			50	243				
5:15	12	133			67	322				
5:30	31	156			58	242				
5:45	35	297	88	747	77	305	252	1112	340	1859
6:00	37	261			107	236				
6:15	47	311			110	267				
6:30	90	279			141	199				
6:45	106	323	280	1174	151	264	509	966	789	2140
7:00	87	277			187	191				
7:15	122	319			302	205				
7:30	172	250			324	209				
7:45	176	295	557	1141	423	198	1236	803	1793	1944
8:00	207	234			365	181				
8:15	189	217			428	177				
8:30	266	210			422	156				
8:45	259	160	921	821	437	127	1652	641	2573	1462
9:00	176	175			326	126				
9:15	177	158			329	124				
9:30	155	116			301	95				
9:45	163	126	671	575	262	88	1218	433	1889	1008
10:00	172	125			279	123				
10:15	160	107			285	96				
10:30	192	76			290	79				
10:45	224	57	748	365	253	51	1107	349	1855	714
11:00	218	54			244	58				
11:15	239	45			248	62				
11:30	98	36			262	39				
11:45	99	26	654	161	223	36	977	195	1631	356
Totals	4192	6044			7229	9855				
Combined Totals		10236				17084				
ADT										27320
AM Peak Hour	800 AM				800 AM					
Volume	921				1652					
P.H.F.	0.866				0.945					
PM Peak Hour		630 PM				230 PM				
Volume		1198				1276				
P.H.F.		0.927				0.909				
Percentage	41.0%	59.0%			42.3%	57.7%				

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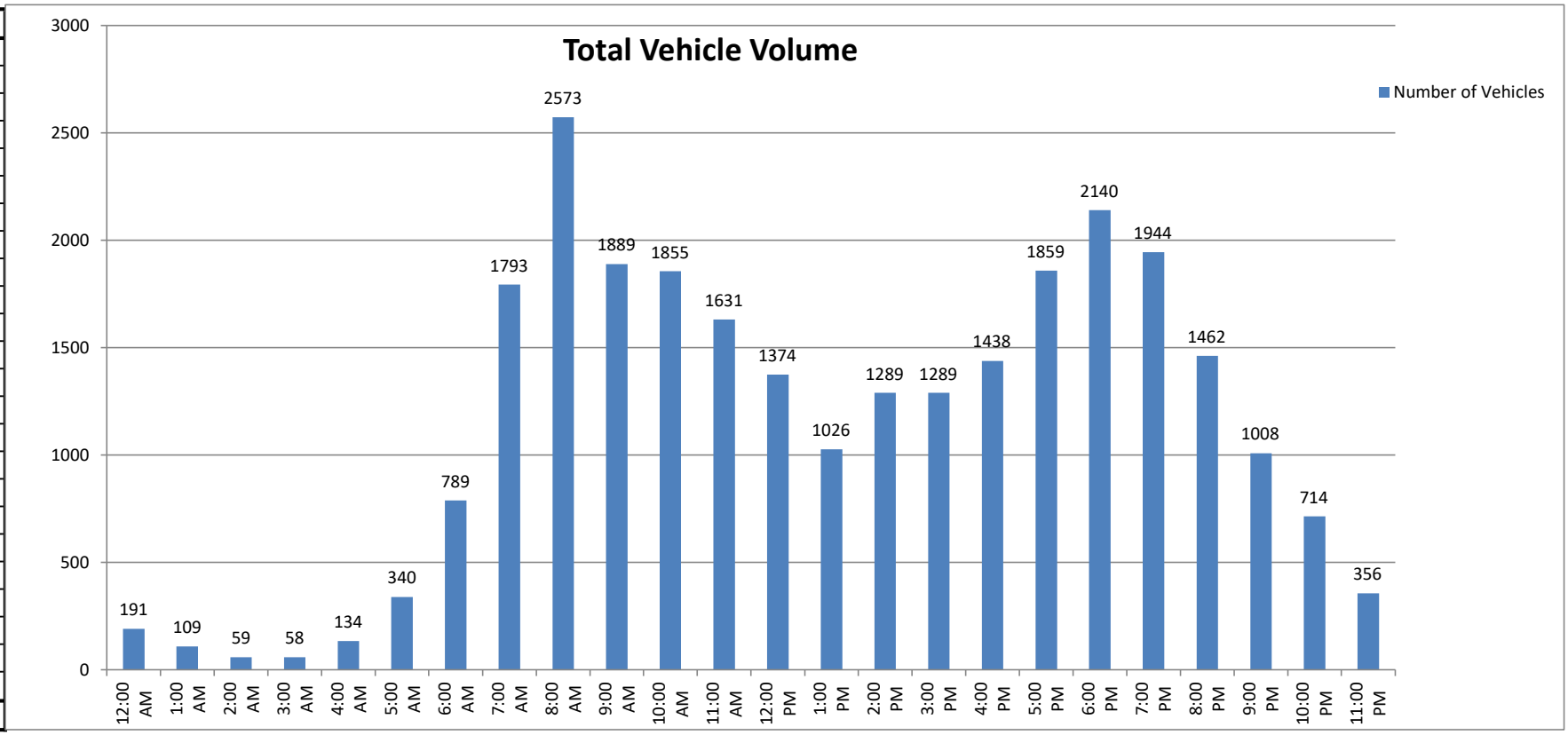
24 Hour Volume Plot

Jeffrey Road
B/ Roosevelt - Trabuco Road
3/14/2024

Start Time	3/14/2024
12:00 AM	191
1:00 AM	109
2:00 AM	59
3:00 AM	58
4:00 AM	134
5:00 AM	340
6:00 AM	789
7:00 AM	1793
8:00 AM	2573
9:00 AM	1889
10:00 AM	1855
11:00 AM	1631
12:00 PM	1374
1:00 PM	1026
2:00 PM	1289
3:00 PM	1289
4:00 PM	1438
5:00 PM	1859
6:00 PM	2140
7:00 PM	1944
8:00 PM	1462
9:00 PM	1008
10:00 PM	714
11:00 PM	356
Total	27320



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Roosevelt - Trabuco Road

File Name 243
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	38	203			23	222				
12:15	22	245			27	262				
12:30	25	159			26	246				
12:45	20	147	103	754	22	267	97	997	200	1750
1:00	17	155			17	251				
1:15	15	146			11	231				
1:30	15	161			13	305				
1:45	10	154	56	616	6	259	46	1045	102	1661
2:00	11	171			6	274				
2:15	9	145			7	248				
2:30	7	186			4	312				
2:45	11	192	38	693	8	329	24	1162	61	1855
3:00	8	209			5	288				
3:15	7	205			11	342				
3:30	7	206			9	264				
3:45	9	228	30	847	10	301	34	1195	64	2041
4:00	9	251			8	250				
4:15	8	271			16	286				
4:30	15	256			21	269				
4:45	15	332	46	1108	35	331	79	1136	125	2244
5:00	13	322			44	250				
5:15	17	345			58	303				
5:30	25	344			65	237				
5:45	41	422	95	1433	84	296	250	1085	345	2518
6:00	35	365			114	236				
6:15	54	418			111	270				
6:30	97	340			133	216				
6:45	105	353	291	1475	154	268	512	989	802	2464
7:00	94	303			192	202				
7:15	123	288			291	206				
7:30	169	262			322	204				
7:45	188	269	573	1121	447	191	1251	803	1824	1924
8:00	183	238			382	176				
8:15	200	249			444	176				
8:30	268	211			419	148				
8:45	260	191	911	888	461	129	1705	628	2615	1516
9:00	187	166			339	121				
9:15	173	183			362	118				
9:30	166	130			324	95				
9:45	176	134	701	611	281	93	1305	426	2006	1037
10:00	167	145			269	120				
10:15	155	106			266	81				
10:30	208	81			297	64				
10:45	224	60	753	392	263	43	1094	308	1847	700
11:00	222	49			266	49				
11:15	222	56			262	48				
11:30	168	31			281	35				
11:45	187	26	798	161	242	34	1050	165	1848	326
Totals	4393	10097			7444	9937				
Combined Totals		14489				17381				
ADT										31870
AM Peak Hour	815	AM			800	AM				
Volume	915				1705					
P.H.F.	0.853				0.925					
PM Peak Hour		530	PM			230	PM			
Volume		1549				1270				
P.H.F.		0.918				0.928				
Percentage	30.3%	69.7%			42.8%	57.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Southbound Interstate 405 - Alton Parkway

File Name 235
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	36	312			30	326				
12:15	46	347			21	340				
12:30	40	245			25	352				
12:45	25	326	147	1230	27	311	103	1329	250	2559
1:00	19	329			17	355				
1:15	22	337			13	329				
1:30	21	361			15	387				
1:45	9	395	71	1422	10	367	55	1438	126	2860
2:00	16	340			14	303				
2:15	9	380			15	349				
2:30	16	352			10	350				
2:45	12	371	53	1443	9	389	48	1391	101	2834
3:00	8	342			18	400				
3:15	9	436			10	436				
3:30	8	358			11	403				
3:45	12	406	37	1542	7	381	46	1620	83	3162
4:00	18	363			15	500				
4:15	14	362			11	461				
4:30	19	389			30	442				
4:45	32	370	83	1484	35	490	91	1893	174	3377
5:00	21	415			48	515				
5:15	35	409			61	524				
5:30	66	375			78	414				
5:45	75	434	197	1633	84	438	271	1891	468	3524
6:00	75	368			92	364				
6:15	72	403			102	368				
6:30	116	349			152	321				
6:45	132	340	395	1460	191	307	537	1360	932	2820
7:00	149	308			245	297				
7:15	202	294			339	246				
7:30	206	252			442	214				
7:45	305	258	862	1112	465	231	1491	988	2353	2100
8:00	295	260			485	224				
8:15	306	257			563	200				
8:30	337	203			548	167				
8:45	341	210	1279	930	464	175	2060	766	3339	1696
9:00	299	183			409	166				
9:15	314	215			372	175				
9:30	297	150			367	124				
9:45	326	151	1236	699	322	116	1470	581	2706	1280
10:00	246	131			298	154				
10:15	246	120			308	91				
10:30	288	90			292	75				
10:45	292	83	1072	424	320	59	1218	379	2290	803
11:00	241	75			316	54				
11:15	285	68			300	31				
11:30	280	47			292	45				
11:45	307	52	1113	242	314	34	1222	164	2335	406
Totals	6545	13621			8612	13800				
Combined Totals		20166				22412				
ADT										42578
AM Peak Hour	830	AM			745	AM				
Volume	1291				2061					
P.H.F.	0.946				0.915					
PM Peak Hour		500	PM			430	PM			
Volume		1633				1971				
P.H.F.		0.941				0.940				
Percentage	32.5%	67.5%			38.4%	61.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

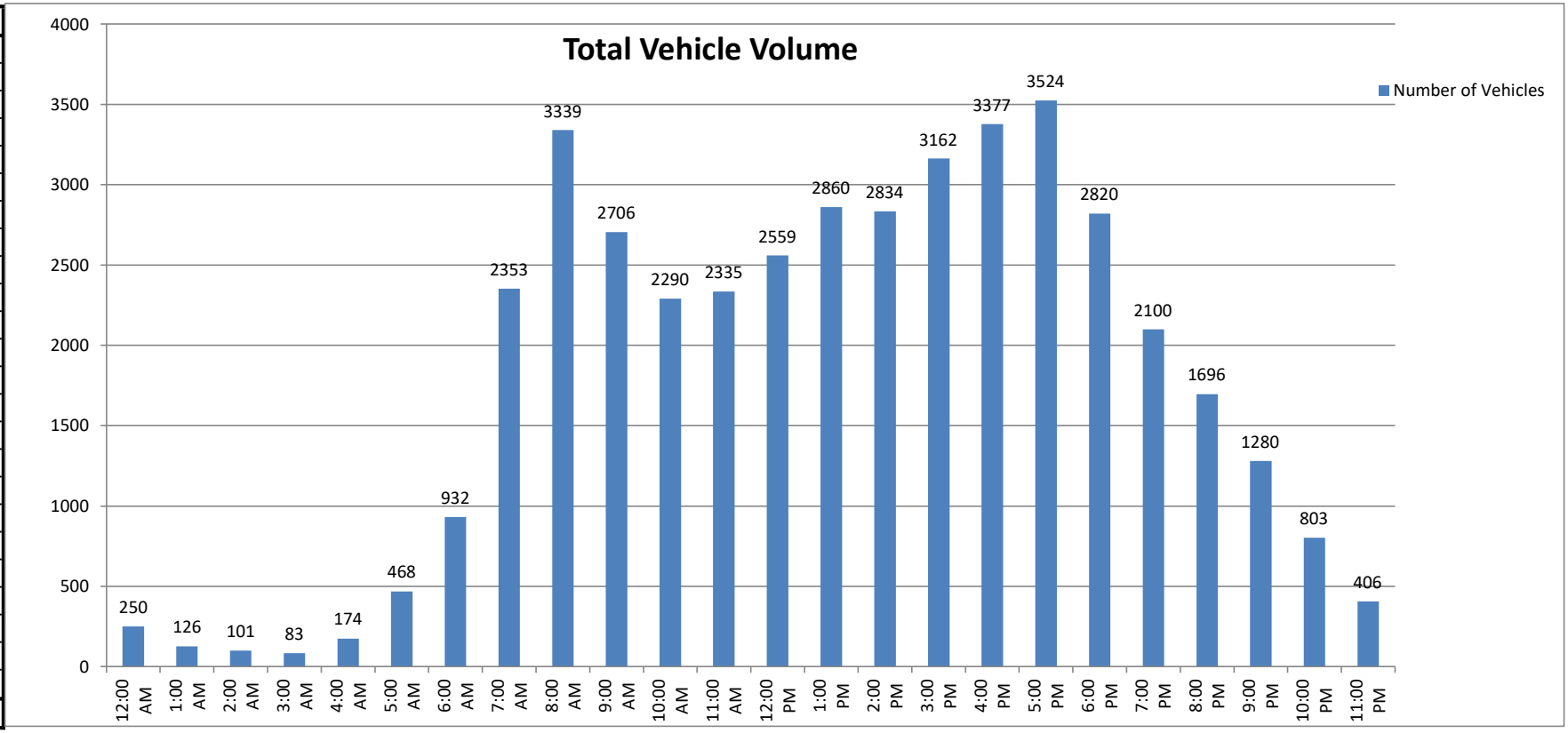
24 Hour Volume Plot

Jeffrey Road

B/ Southbound Interstate 405 - Alton Parkway

3/13/2024

Start Time	3/13/2024
12:00 AM	250
1:00 AM	126
2:00 AM	101
3:00 AM	83
4:00 AM	174
5:00 AM	468
6:00 AM	932
7:00 AM	2353
8:00 AM	3339
9:00 AM	2706
10:00 AM	2290
11:00 AM	2335
12:00 PM	2559
1:00 PM	2860
2:00 PM	2834
3:00 PM	3162
4:00 PM	3377
5:00 PM	3524
6:00 PM	2820
7:00 PM	2100
8:00 PM	1696
9:00 PM	1280
10:00 PM	803
11:00 PM	406
Total	42578



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Southbound Interstate 405 - Alton Parkway

File Name 235
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	48	282			31	268				
12:15	36	339			31	283				
12:30	29	299			21	306				
12:45	24	333	137	1253	29	307	112	1164	249	2417
1:00	23	286			22	326				
1:15	20	284			15	325				
1:30	31	352			8	316				
1:45	20	348	94	1270	11	324	56	1291	150	2561
2:00	19	343			12	308				
2:15	19	350			8	358				
2:30	13	360			10	343				
2:45	11	414	62	1467	5	373	35	1382	97	2849
3:00	4	359			9	392				
3:15	8	400			8	405				
3:30	9	375			9	457				
3:45	10	417	31	1551	7	365	33	1619	64	3170
4:00	13	380			14	446				
4:15	12	330			16	411				
4:30	16	324			31	412				
4:45	29	416	70	1450	40	482	101	1751	171	3201
5:00	21	386			46	452				
5:15	32	424			52	482				
5:30	64	424			89	448				
5:45	71	447	188	1681	96	477	283	1859	471	3540
6:00	71	376			80	376				
6:15	70	367			93	352				
6:30	85	393			142	338				
6:45	154	320	380	1456	183	323	498	1389	878	2845
7:00	122	346			247	306				
7:15	226	256			286	254				
7:30	189	275			441	221				
7:45	295	281	832	1158	454	215	1428	996	2260	2154
8:00	297	267			445	238				
8:15	318	237			509	203				
8:30	268	217			561	171				
8:45	284	176	1167	897	482	158	1997	770	3164	1667
9:00	284	232			415	164				
9:15	311	185			340	166				
9:30	290	171			385	160				
9:45	248	145	1133	733	288	105	1428	595	2561	1328
10:00	256	141			280	129				
10:15	250	118			274	118				
10:30	286	113			286	77				
10:45	318	104	1110	476	348	71	1188	395	2298	871
11:00	244	91			304	46				
11:15	311	81			313	38				
11:30	294	74			304	38				
11:45	288	47	1137	293	311	33	1232	155	2369	448
Totals	6341	13685			8391	13366				
Combined Totals		20026				21757				
ADT										41783
AM Peak Hour	745	AM			800	AM				
Volume	1178				1997					
P.H.F.	0.926				0.890					
PM Peak Hour		500	PM			445	PM			
Volume		1681				1864				
P.H.F.		0.940				0.967				
Percentage	31.7%	68.3%			38.6%	61.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

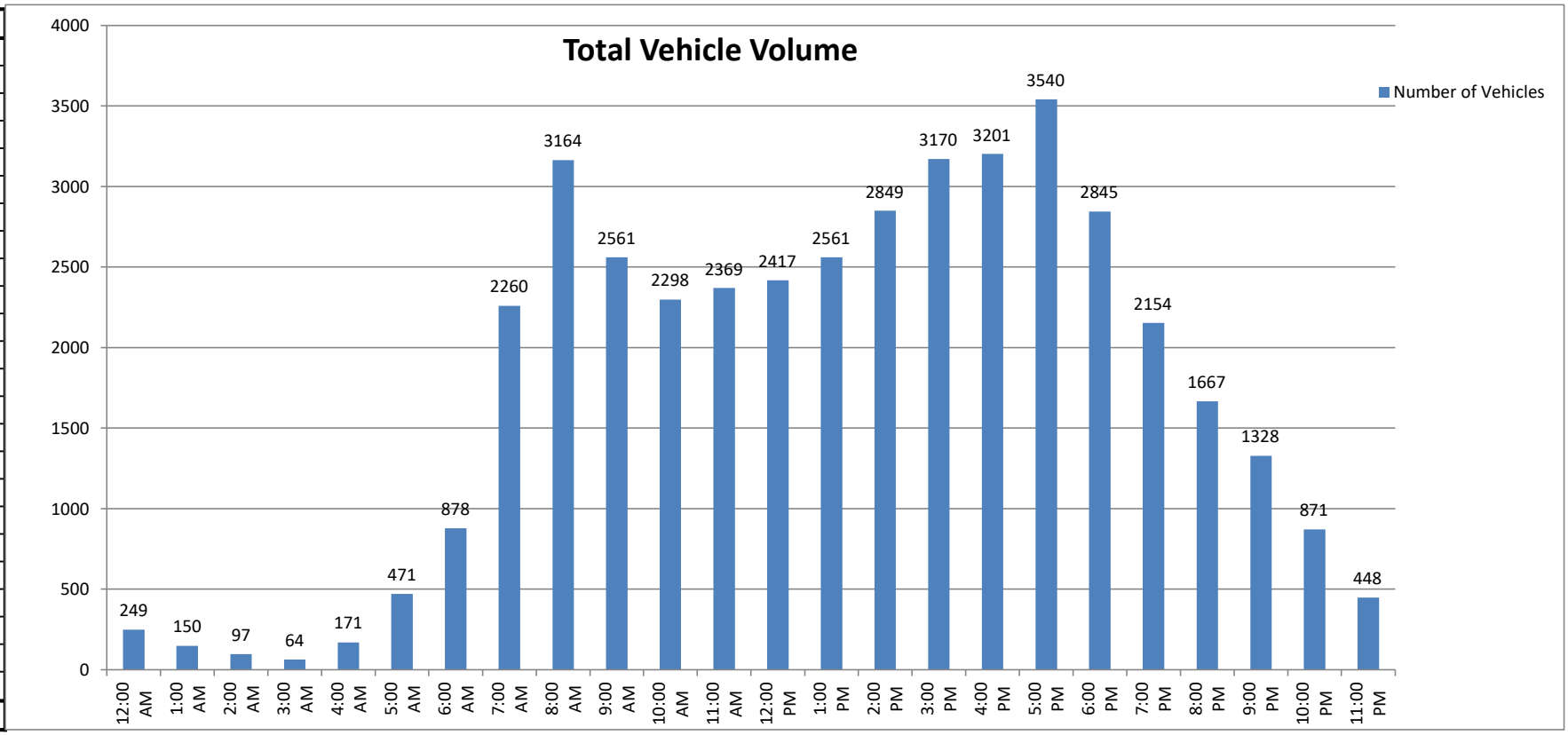
24 Hour Volume Plot

Jeffrey Road

B/ Southbound Interstate 405 - Alton Parkway

3/14/2024

Start Time	3/14/2024
12:00 AM	249
1:00 AM	150
2:00 AM	97
3:00 AM	64
4:00 AM	171
5:00 AM	471
6:00 AM	878
7:00 AM	2260
8:00 AM	3164
9:00 AM	2561
10:00 AM	2298
11:00 AM	2369
12:00 PM	2417
1:00 PM	2561
2:00 PM	2849
3:00 PM	3170
4:00 PM	3201
5:00 PM	3540
6:00 PM	2845
7:00 PM	2154
8:00 PM	1667
9:00 PM	1328
10:00 PM	871
11:00 PM	448
Total	41783



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Southbound Interstate 405 - Alton Parkway

File Name 235
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	297			31	297				
12:15	41	343			26	312				
12:30	35	272			23	329				
12:45	25	330	142	1242	28	309	108	1247	250	2488
1:00	21	308			20	341				
1:15	21	311			14	327				
1:30	26	357			12	352				
1:45	15	372	83	1346	11	346	56	1365	138	2711
2:00	18	342			13	306				
2:15	14	365			12	354				
2:30	15	356			10	347				
2:45	12	393	58	1455	7	381	42	1387	99	2842
3:00	6	351			14	396				
3:15	9	418			9	421				
3:30	9	367			10	430				
3:45	11	412	34	1547	7	373	40	1620	74	3166
4:00	16	372			15	473				
4:15	13	346			14	436				
4:30	18	357			31	427				
4:45	31	393	77	1467	38	486	96	1822	173	3289
5:00	21	401			47	484				
5:15	34	417			57	503				
5:30	65	400			84	431				
5:45	73	441	193	1657	90	458	277	1875	470	3532
6:00	73	372			86	370				
6:15	71	385			98	360				
6:30	101	371			147	330				
6:45	143	330	388	1458	187	315	518	1375	905	2833
7:00	136	327			246	302				
7:15	214	275			313	250				
7:30	198	264			442	218				
7:45	300	270	847	1135	460	223	1460	992	2307	2127
8:00	296	264			465	231				
8:15	312	247			536	202				
8:30	303	210			555	169				
8:45	313	193	1223	914	473	167	2029	768	3252	1682
9:00	292	208			412	165				
9:15	313	200			356	171				
9:30	294	161			376	142				
9:45	287	148	1185	716	305	111	1449	588	2634	1304
10:00	251	136			289	142				
10:15	248	119			291	105				
10:30	287	102			289	76				
10:45	305	94	1091	450	334	65	1203	387	2294	837
11:00	243	83			310	50				
11:15	298	75			307	35				
11:30	287	61			298	42				
11:45	298	50	1125	268	313	34	1227	160	2352	427
Totals	6443	13653			8502	13583				
Combined Totals		20096				22085				
ADT										42181
AM Peak Hour	800	AM			800	AM				
Volume	1223				2029					
P.H.F.	0.978				0.915					
PM Peak Hour		500	PM			445	PM			
Volume		1657				1904				
P.H.F.		0.940				0.946				
Percentage	32.1%	67.9%			38.5%	61.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Trabuco Road - Bryan Avenue

File Name 244
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	239			19	203				
12:15	20	273			22	206				
12:30	12	267			23	231				
12:45	15	242	73	1021	13	262	77	902	150	1923
1:00	14	244			8	231				
1:15	11	301			3	229				
1:30	7	266			11	279				
1:45	7	294	39	1105	4	285	26	1024	65	2129
2:00	10	242			5	251				
2:15	6	268			7	234				
2:30	6	268			1	287				
2:45	8	319	30	1097	7	313	20	1085	50	2182
3:00	9	382			2	294				
3:15	2	388			7	305				
3:30	3	377			3	254				
3:45	10	382	24	1529	6	248	18	1101	42	2630
4:00	1	487			8	245				
4:15	7	464			19	245				
4:30	11	472			17	278				
4:45	17	469	36	1892	19	261	63	1029	99	2921
5:00	14	515			32	256				
5:15	18	448			33	246				
5:30	17	565			64	253				
5:45	42	509	91	2037	79	221	208	976	299	3013
6:00	31	466			100	250				
6:15	59	421			88	239				
6:30	72	444			105	222				
6:45	83	362	245	1693	148	223	441	934	686	2627
7:00	83	291			177	206				
7:15	109	246			226	151				
7:30	151	252			291	163				
7:45	196	219	539	1008	388	164	1082	684	1621	1692
8:00	137	243			389	159				
8:15	199	243			431	157				
8:30	212	190			411	128				
8:45	254	173	802	849	438	105	1669	549	2471	1398
9:00	215	155			298	85				
9:15	143	181			372	81				
9:30	181	143			288	71				
9:45	165	147	704	626	284	56	1242	293	1946	919
10:00	163	159			204	63				
10:15	141	117			245	47				
10:30	186	67			227	26				
10:45	205	65	695	408	225	25	901	161	1596	569
11:00	196	46			246	32				
11:15	207	58			235	15				
11:30	194	23			246	25				
11:45	235	26	832	153	209	19	936	91	1768	244
Totals	4110	13418			6683	8829				
Combined Totals		17528				15512				
ADT										33040
AM Peak Hour	815	AM			800	AM				
Volume	880				1669					
P.H.F.	0.866				0.953					
PM Peak Hour		500	PM			230	PM			
Volume		2037				1199				
P.H.F.		0.901				0.958				
Percentage	23.4%	76.6%			43.1%	56.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

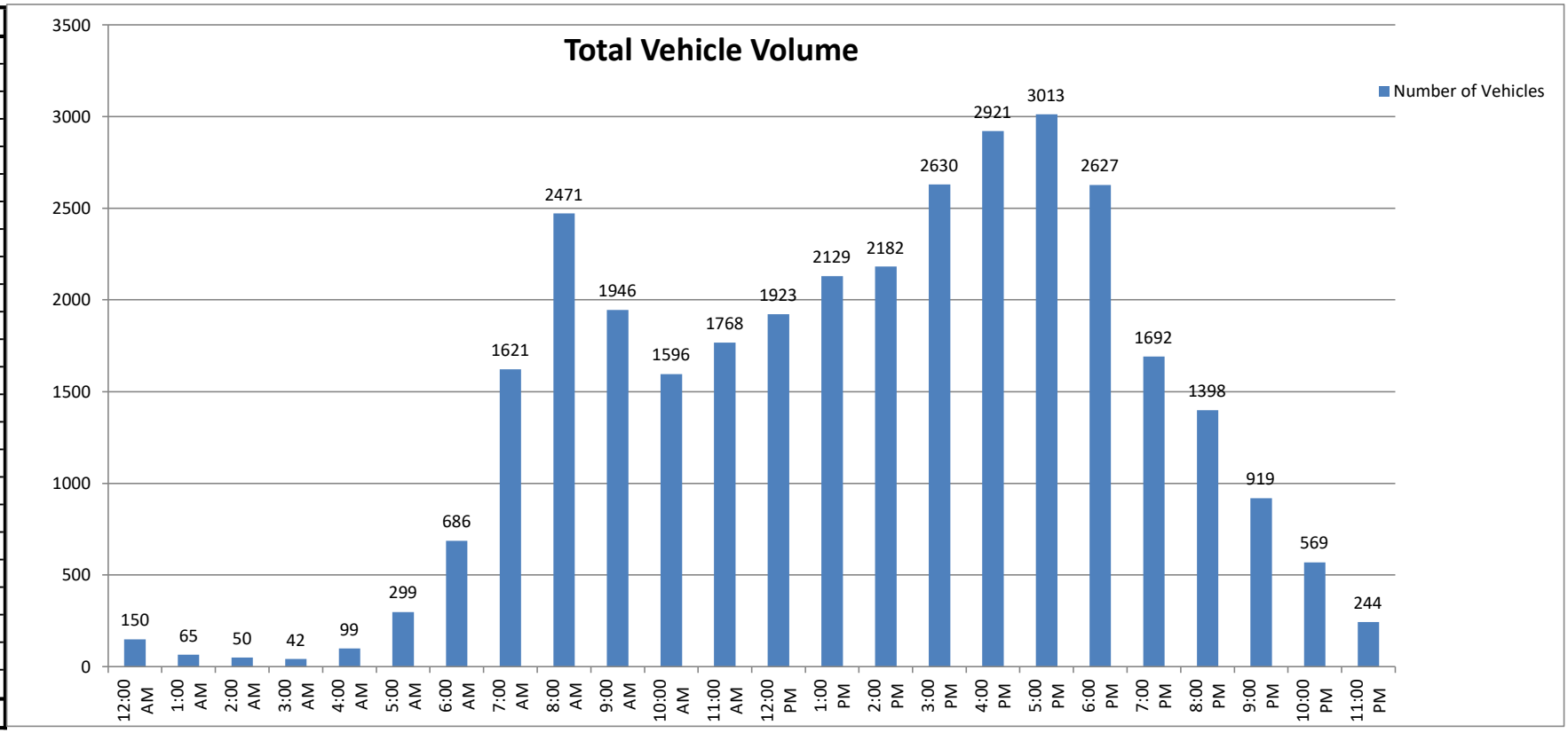
24 Hour Volume Plot

Jeffrey Road

B/ Trabuco Road - Bryan Avenue

3/13/2024

Start Time	3/13/2024
12:00 AM	150
1:00 AM	65
2:00 AM	50
3:00 AM	42
4:00 AM	99
5:00 AM	299
6:00 AM	686
7:00 AM	1621
8:00 AM	2471
9:00 AM	1946
10:00 AM	1596
11:00 AM	1768
12:00 PM	1923
1:00 PM	2129
2:00 PM	2182
3:00 PM	2630
4:00 PM	2921
5:00 PM	3013
6:00 PM	2627
7:00 PM	1692
8:00 PM	1398
9:00 PM	919
10:00 PM	569
11:00 PM	244
Total	33040



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City of Irvine
Jeffrey Road
B/ Trabuco Road - Bryan Avenue

File Name 244
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	204			19	218				
12:15	24	245			16	193				
12:30	20	212			14	184				
12:45	22	226	94	887	16	198	65	793	159	1680
1:00	14	228			8	202				
1:15	12	237			10	181				
1:30	17	217			9	190				
1:45	6	252	49	934	4	217	31	790	80	1724
2:00	9	285			8	179				
2:15	11	321			2	231				
2:30	5	240			2	319				
2:45	9	330	34	1176	4	340	16	1069	50	2245
3:00	4	409			3	316				
3:15	6	353			7	274				
3:30	6	399			8	246				
3:45	4	336	20	1497	11	257	29	1093	49	2590
4:00	3	498			4	232				
4:15	8	417			11	239				
4:30	10	448			13	257				
4:45	8	460	29	1823	34	256	62	984	91	2807
5:00	8	480			43	239				
5:15	12	524			58	229				
5:30	22	522			54	274				
5:45	30	519	72	2045	57	248	212	990	284	3035
6:00	30	456			82	240				
6:15	49	392			90	232				
6:30	77	433			109	239				
6:45	75	369	231	1650	131	206	412	917	643	2567
7:00	79	274			184	188				
7:15	90	328			243	172				
7:30	151	251			314	178				
7:45	176	272	496	1125	353	143	1094	681	1590	1806
8:00	225	219			375	131				
8:15	170	233			435	168				
8:30	242	194			498	144				
8:45	235	189	872	835	372	103	1680	546	2552	1381
9:00	181	156			298	95				
9:15	156	208			281	81				
9:30	146	122			262	86				
9:45	171	128	654	614	235	67	1076	329	1730	943
10:00	141	151			253	53				
10:15	150	128			280	65				
10:30	157	99			219	54				
10:45	208	81	656	459	246	40	998	212	1654	671
11:00	177	50			190	41				
11:15	230	38			214	37				
11:30	187	33			226	34				
11:45	211	29	805	150	172	29	802	141	1607	291
Totals	4012	13195			6477	8545				
Combined Totals		17207				15022				
ADT										32229
AM Peak Hour	800	AM			800	AM				
Volume	872				1680					
P.H.F.	0.901				0.843					
PM Peak Hour		500	PM			230	PM			
Volume		2045				1249				
P.H.F.		0.976				0.918				
Percentage	23.3%	76.7%			43.1%	56.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

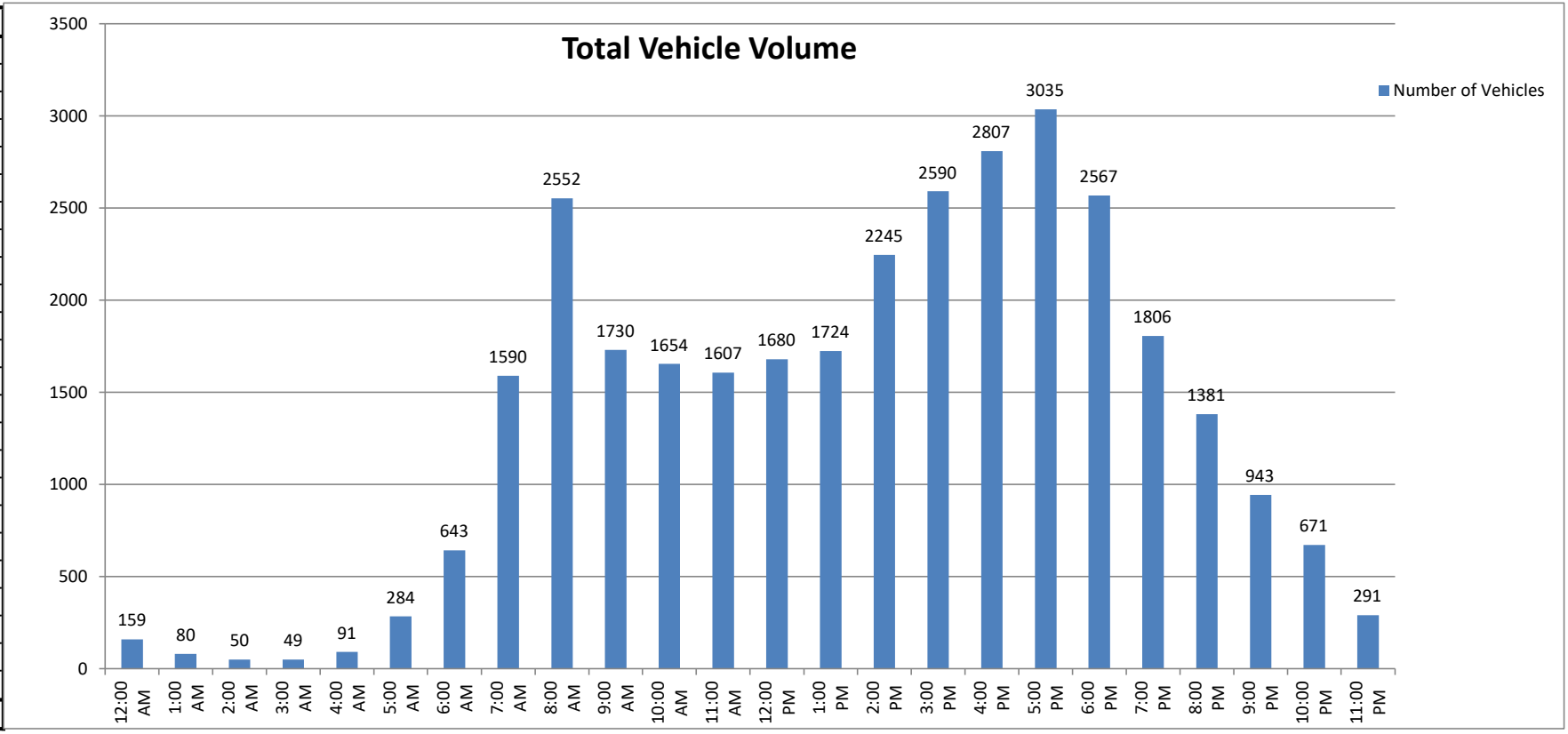
24 Hour Volume Plot

Jeffrey Road

B/ Trabuco Road - Bryan Avenue

3/14/2024

Start Time	3/14/2024
12:00 AM	159
1:00 AM	80
2:00 AM	50
3:00 AM	49
4:00 AM	91
5:00 AM	284
6:00 AM	643
7:00 AM	1590
8:00 AM	2552
9:00 AM	1730
10:00 AM	1654
11:00 AM	1607
12:00 PM	1680
1:00 PM	1724
2:00 PM	2245
3:00 PM	2590
4:00 PM	2807
5:00 PM	3035
6:00 PM	2567
7:00 PM	1806
8:00 PM	1381
9:00 PM	943
10:00 PM	671
11:00 PM	291
Total	32229



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Trabuco Road - Bryan Avenue

File Name 244
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	222			19	211				
12:15	22	259			19	200				
12:30	16	240			19	208				
12:45	19	234	84	954	15	230	71	848	155	1802
1:00	14	236			8	217				
1:15	12	269			7	205				
1:30	12	242			10	235				
1:45	7	273	44	1020	4	251	29	907	73	1927
2:00	10	264			7	215				
2:15	9	295			5	233				
2:30	6	254			2	303				
2:45	9	325	32	1137	6	327	18	1077	50	2214
3:00	7	396			3	305				
3:15	4	371			7	290				
3:30	5	388			6	250				
3:45	7	359	22	1513	9	253	24	1097	46	2610
4:00	2	493			6	239				
4:15	8	441			15	242				
4:30	11	460			15	268				
4:45	13	465	33	1858	27	259	63	1007	95	2864
5:00	11	498			38	248				
5:15	15	486			46	238				
5:30	20	544			59	264				
5:45	36	514	82	2041	68	235	210	983	292	3024
6:00	31	461			91	245				
6:15	54	407			89	236				
6:30	75	439			107	231				
6:45	79	366	238	1672	140	215	427	926	665	2597
7:00	81	283			181	197				
7:15	100	287			235	162				
7:30	151	252			303	171				
7:45	186	246	518	1067	371	154	1088	683	1606	1749
8:00	181	231			382	145				
8:15	185	238			433	163				
8:30	227	192			455	136				
8:45	245	181	837	842	405	104	1675	548	2512	1390
9:00	198	156			298	90				
9:15	150	195			327	81				
9:30	164	133			275	79				
9:45	168	138	679	620	260	62	1159	311	1838	931
10:00	152	155			229	58				
10:15	146	123			263	56				
10:30	172	83			223	40				
10:45	207	73	676	434	236	33	950	187	1625	620
11:00	187	48			218	37				
11:15	219	48			225	26				
11:30	191	28			236	30				
11:45	223	28	819	152	191	24	869	116	1688	268
Totals	4061	13307			6580	8687				
Combined Totals		17368				15267				
ADT										32635
AM Peak Hour	815	AM			800	AM				
Volume	854				1675					
P.H.F.	0.873				0.921					
PM Peak Hour		500	PM			230	PM			
Volume		2041				1224				
P.H.F.		0.939				0.937				
Percentage	23.4%	76.6%			43.1%	56.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 241
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/13/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	42	385			37	325				
12:15	41	396			26	289				
12:30	29	399			35	332				
12:45	18	357	130	1537	26	390	124	1336	254	2873
1:00	22	404			16	313				
1:15	19	431			12	334				
1:30	17	388			7	375				
1:45	14	425	72	1648	2	415	37	1437	109	3085
2:00	19	309			11	370				
2:15	8	342			9	381				
2:30	16	380			5	423				
2:45	14	384	57	1415	9	414	34	1588	91	3003
3:00	11	385			4	443				
3:15	9	400			9	414				
3:30	10	458			9	471				
3:45	22	444	52	1687	14	424	36	1752	88	3439
4:00	14	441			9	444				
4:15	14	496			5	442				
4:30	27	460			16	486				
4:45	30	540	85	1937	29	541	59	1913	144	3850
5:00	31	521			40	487				
5:15	41	618			40	464				
5:30	49	533			70	470				
5:45	80	554	201	2226	90	478	240	1899	441	4125
6:00	80	543			79	407				
6:15	90	610			84	364				
6:30	126	469			162	350				
6:45	149	441	445	2063	175	342	500	1463	945	3526
7:00	165	404			213	259				
7:15	185	361			307	257				
7:30	224	339			469	229				
7:45	234	366	808	1470	581	210	1570	955	2378	2425
8:00	225	349			639	222				
8:15	261	413			580	176				
8:30	276	290			619	170				
8:45	260	297	1022	1349	632	148	2470	716	3492	2065
9:00	278	251			488	157				
9:15	202	253			396	167				
9:30	270	233			388	105				
9:45	268	230	1018	967	346	134	1618	563	2636	1530
10:00	269	179			282	190				
10:15	261	161			297	96				
10:30	258	129			295	65				
10:45	337	98	1125	567	333	47	1207	398	2332	965
11:00	316	79			298	49				
11:15	296	88			357	43				
11:30	335	65			357	28				
11:45	366	60	1313	292	325	20	1337	140	2650	432
Totals	6328	17158			9232	14160				
Combined Totals		23486				23392				
ADT										46878
AM Peak Hour	1100	AM			800	AM				
Volume	1313				2470					
P.H.F.	0.897				0.966					
PM Peak Hour		515	PM			430	PM			
Volume		2248				1978				
P.H.F.		0.909				0.914				
Percentage	26.9%	73.1%			39.5%	60.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

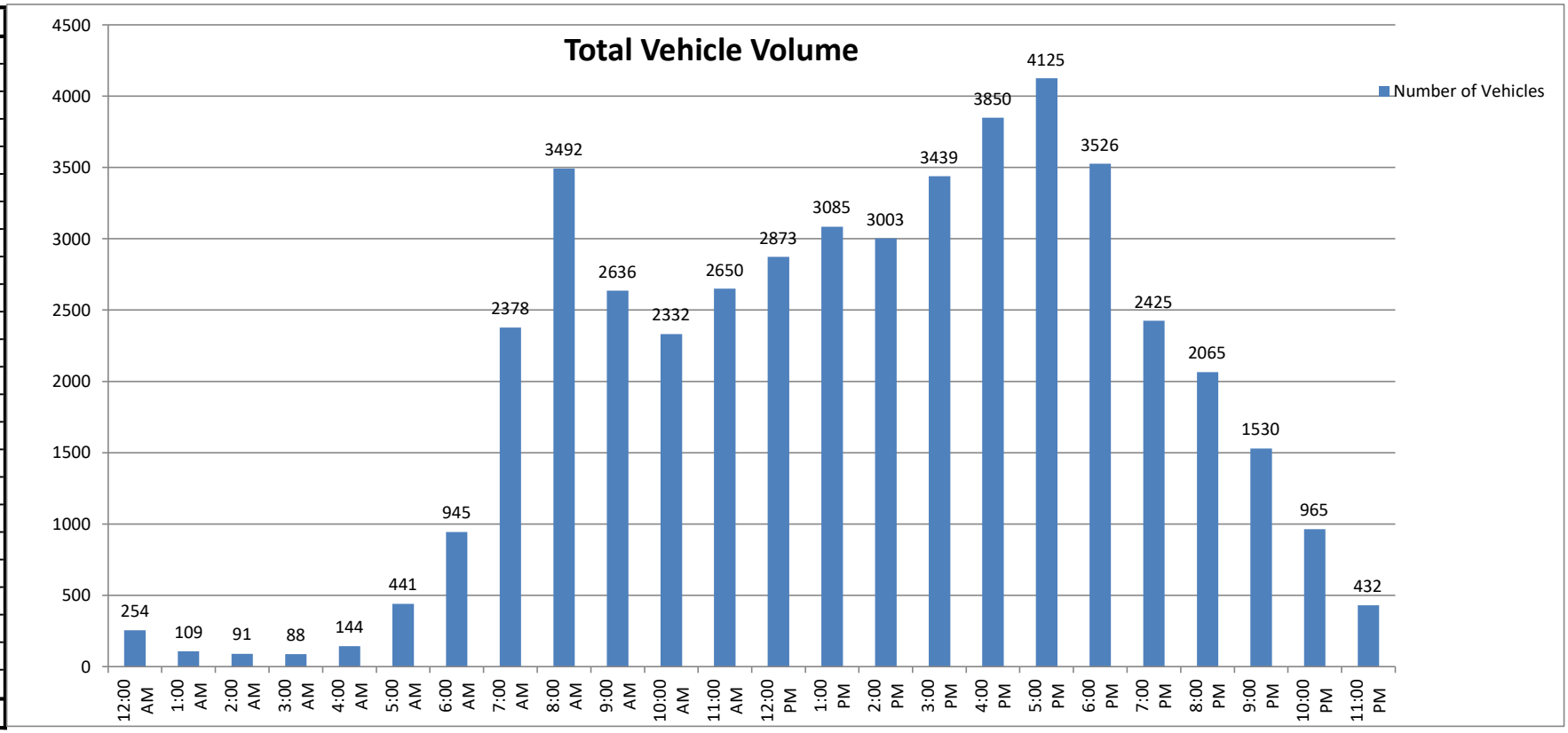
24 Hour Volume Plot

Jeffrey Road

B/ Walnut Avenue - Northbound Interstate 5

3/13/2024

Start Time	3/13/2024
12:00 AM	254
1:00 AM	109
2:00 AM	91
3:00 AM	88
4:00 AM	144
5:00 AM	441
6:00 AM	945
7:00 AM	2378
8:00 AM	3492
9:00 AM	2636
10:00 AM	2332
11:00 AM	2650
12:00 PM	2873
1:00 PM	3085
2:00 PM	3003
3:00 PM	3439
4:00 PM	3850
5:00 PM	4125
6:00 PM	3526
7:00 PM	2425
8:00 PM	2065
9:00 PM	1530
10:00 PM	965
11:00 PM	432
Total	46878



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 241
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	61	324			14	329				
12:15	35	344			18	302				
12:30	40	351			22	320				
12:45	33	356	169	1375	14	293	68	1244	237	2619
1:00	27	339			16	282				
1:15	29	355			7	290				
1:30	31	328			14	316				
1:45	21	383	108	1405	6	356	43	1244	151	2649
2:00	23	385			4	311				
2:15	25	397			6	327				
2:30	19	390			2	389				
2:45	15	407	82	1579	5	403	17	1430	99	3009
3:00	9	371			10	440				
3:15	25	419			4	437				
3:30	13	446			10	454				
3:45	22	426	69	1662	17	438	41	1769	110	3431
4:00	24	428			8	432				
4:15	19	489			12	425				
4:30	21	381			29	438				
4:45	24	497	88	1795	41	453	90	1748	178	3543
5:00	19	514			55	449				
5:15	39	584			56	505				
5:30	61	489			63	485				
5:45	70	604	189	2191	75	437	249	1876	438	4067
6:00	82	485			56	427				
6:15	74	554			76	383				
6:30	103	485			164	303				
6:45	146	509	405	2033	158	321	454	1434	859	3467
7:00	153	466			213	275				
7:15	173	412			321	223				
7:30	235	351			457	242				
7:45	218	442	779	1671	532	196	1523	936	2302	2607
8:00	233	370			555	212				
8:15	257	351			576	191				
8:30	233	318			636	184				
8:45	236	293	959	1332	586	136	2353	723	3312	2055
9:00	253	286			502	142				
9:15	228	247			385	166				
9:30	251	239			345	136				
9:45	235	205	967	977	304	123	1536	567	2503	1544
10:00	256	223			298	167				
10:15	266	158			334	160				
10:30	275	149			321	93				
10:45	307	111	1104	641	340	73	1293	493	2397	1134
11:00	303	74			262	61				
11:15	373	65			315	63				
11:30	308	61			328	37				
11:45	308	43	1292	243	284	39	1189	200	2481	443
Totals	6211	16904			8856	13664				
Combined Totals		23115				22520				
ADT										45635
AM Peak Hour	1100	AM			800	AM				
Volume	1292				2353					
P.H.F.	0.866				0.925					
PM Peak Hour		500	PM			445	PM			
Volume		2191				1892				
P.H.F.		0.907				0.937				
Percentage	26.9%	73.1%			39.3%	60.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

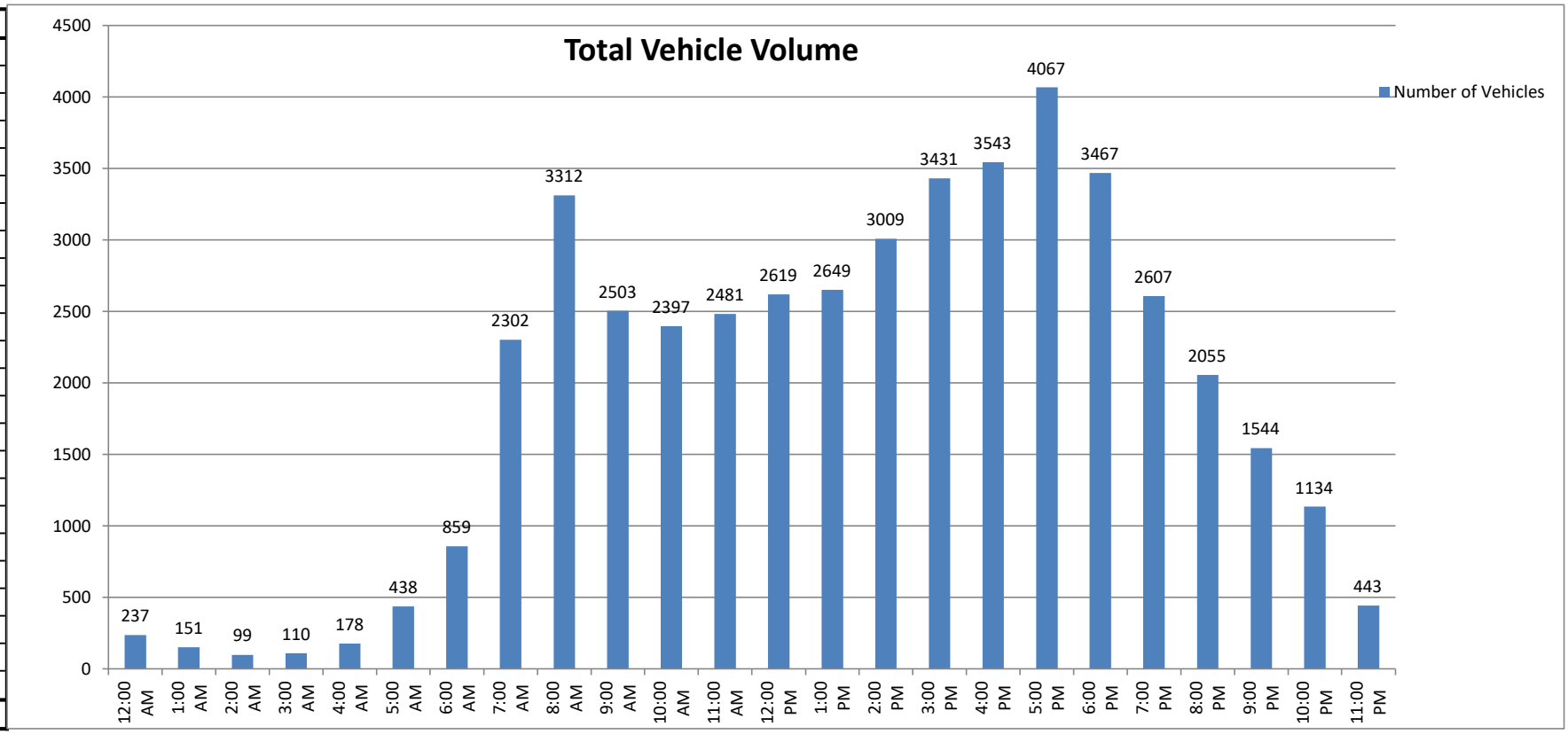
24 Hour Volume Plot

Jeffrey Road

B/ Walnut Avenue - Northbound Interstate 5

3/14/2024

Start Time	3/14/2024
12:00 AM	237
1:00 AM	151
2:00 AM	99
3:00 AM	110
4:00 AM	178
5:00 AM	438
6:00 AM	859
7:00 AM	2302
8:00 AM	3312
9:00 AM	2503
10:00 AM	2397
11:00 AM	2481
12:00 PM	2619
1:00 PM	2649
2:00 PM	3009
3:00 PM	3431
4:00 PM	3543
5:00 PM	4067
6:00 PM	3467
7:00 PM	2607
8:00 PM	2055
9:00 PM	1544
10:00 PM	1134
11:00 PM	443
Total	45635



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Jeffrey Road
B/ Walnut Avenue - Northbound Interstate 5

File Name 241
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	52	355			26	327				
12:15	38	370			22	296				
12:30	35	375			29	326				
12:45	26	357	150	1456	20	342	96	1290	246	2746
1:00	25	372			16	298				
1:15	24	393			10	312				
1:30	24	358			11	346				
1:45	18	404	90	1527	4	386	40	1341	130	2867
2:00	21	347			8	341				
2:15	17	370			8	354				
2:30	18	385			4	406				
2:45	15	396	70	1497	7	409	26	1509	95	3006
3:00	10	378			7	442				
3:15	17	410			7	426				
3:30	12	452			10	463				
3:45	22	435	61	1675	16	431	39	1761	99	3435
4:00	19	435			9	438				
4:15	17	493			9	434				
4:30	24	421			23	462				
4:45	27	519	87	1866	35	497	75	1831	161	3697
5:00	25	518			48	468				
5:15	40	601			48	485				
5:30	55	511			67	478				
5:45	75	579	195	2209	83	458	245	1888	440	4096
6:00	81	514			68	417				
6:15	82	582			80	374				
6:30	115	477			163	327				
6:45	148	475	425	2048	167	332	477	1449	902	3497
7:00	159	435			213	267				
7:15	179	387			314	240				
7:30	230	345			463	236				
7:45	226	404	794	1571	557	203	1547	946	2340	2516
8:00	229	360			597	217				
8:15	259	382			578	184				
8:30	255	304			628	177				
8:45	248	295	991	1341	609	142	2412	720	3402	2060
9:00	266	269			495	150				
9:15	215	250			391	167				
9:30	261	236			367	121				
9:45	252	218	993	972	325	129	1577	565	2570	1537
10:00	263	201			290	179				
10:15	264	160			316	128				
10:30	267	139			308	79				
10:45	322	105	1115	604	337	60	1250	446	2365	1050
11:00	310	77			280	55				
11:15	335	77			336	53				
11:30	322	63			343	33				
11:45	337	52	1303	268	305	30	1263	170	2566	438
Totals	6270	17031			9044	13912				
Combined Totals		23301				22956				
ADT										46257
AM Peak Hour	1100	AM			800	AM				
Volume	1303				2412					
P.H.F.	0.966				0.961					
PM Peak Hour		500	PM			445	PM			
Volume		2209				1927				
P.H.F.		0.919				0.969				
Percentage	26.9%	73.1%			39.4%	60.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Jeronimo Road
B/ Goodyear - Bake Parkway
24 Hour Directional Volume Count

IRV067
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	96			1	72				
12:15		5	80			1	82				
12:30		4	89			1	78				
12:45		5	51	17	316	1	**96**	4	328	21	644
01:00		6	64			3	**78**				
01:15		1	81			0	**81**				
01:30		2	72			1	**82**				
01:45		1	82	10	299	3	84	7	325	17	624
02:00		2	92			1	57				
02:15		2	106			1	62				
02:30		0	133			4	58				
02:45		1	90	5	421	2	91	8	268	13	689
03:00		1	126			1	68				
03:15		0	99			4	53				
03:30		0	90			5	55				
03:45		6	110	7	425	9	62	19	238	26	663
04:00		3	148			7	43				
04:15		4	121			9	63				
04:30		3	**155**			12	69				
04:45		5	**133**	15	557	24	56	52	231	67	788
05:00		10	**164**			22	48				
05:15		4	**162**			26	61				
05:30		8	119			48	65				
05:45		11	140	33	585	86	36	182	210	215	795
06:00		7	101			57	32				
06:15		15	76			54	25				
06:30		28	67			63	24				
06:45		18	77	68	321	84	17	258	98	326	419
07:00		19	57			93	26				
07:15		21	63			120	17				
07:30		27	48			167	15				
07:45		29	36	96	204	**232**	9	612	67	708	271
08:00		35	34			**191**	13				
08:15		30	21			**205**	15				
08:30		34	26			**198**	16				
08:45		33	39	132	120	210	7	804	51	936	171
09:00		36	16			177	11				
09:15		35	12			142	4				
09:30		41	23			122	6				
09:45		52	19	164	70	93	7	534	28	698	98
10:00		54	12			85	7				
10:15		37	7			106	7				
10:30		40	17			85	4				
10:45		49	13	180	49	84	6	360	24	540	73
11:00		**59**	9			62	4				
11:15		**73**	17			80	4				
11:30		**79**	17			62	2				
11:45		**107**	11	318	54	73	4	277	14	595	68
Total		1045	3421	1045	3421	3117	1882	3117	1882	4162	5303
Combined Total		4466		4466		4999		4999		9465	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	318	-	-	-	826	-	-	-	-	-
P.H.F.		0.743				0.890					
PM Peak	-	-	04:30	-	-	-	00:45	-	-	-	-
Vol.	-	-	614	-	-	-	337	-	-	-	-
P.H.F.			0.936				0.878				
Percentage		23.4%	76.6%			62.4%	37.6%				
ADT/AADT		ADT 9,465		AADT 9,465							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Jeronimo Road
B/ Jeronimo Industrial Driveway - Goodyear
24 Hour Directional Volume Count

IRV072
Site Code: 051-24139

Start Time	5/8/2024 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	**52**			10	84				
12:15		2	**56**			4	36				
12:30		3	**54**			3	39				
12:45		8	**80**	16	242	2	47	19	206	35	448
01:00		3	42			6	46				
01:15		2	62			2	43				
01:30		0	50			3	53				
01:45		4	60	9	214	3	54	14	196	23	410
02:00		1	36			4	62				
02:15		1	47			1	70				
02:30		1	44			1	82				
02:45		4	38	7	165	2	68	8	282	15	447
03:00		1	56			2	76				
03:15		9	50			0	67				
03:30		2	57			2	104				
03:45		11	51	23	214	5	80	9	327	32	541
04:00		4	46			1	96				
04:15		2	50			4	80				
04:30		12	55			6	**94**				
04:45		22	53	40	204	4	**101**	15	371	55	575
05:00		18	52			3	**108**				
05:15		25	62			1	**108**				
05:30		31	66			16	91				
05:45		38	52	112	232	13	83	33	390	145	622
06:00		40	36			19	85				
06:15		34	36			15	76				
06:30		53	26			22	62				
06:45		64	28	191	126	15	48	71	271	262	397
07:00		68	26			24	46				
07:15		88	16			25	41				
07:30		**136**	26			40	38				
07:45		**136**	24	428	92	39	25	128	150	556	242
08:00		**103**	22			40	46				
08:15		**157**	6			28	35				
08:30		106	11			30	26				
08:45		130	12	496	51	40	20	138	127	634	178
09:00		104	10			34	36				
09:15		81	12			34	26				
09:30		73	14			40	16				
09:45		76	10	334	46	39	17	147	95	481	141
10:00		58	10			36	12				
10:15		62	14			34	11				
10:30		48	5			37	14				
10:45		40	10	208	39	46	7	153	44	361	83
11:00		50	5			**46**	6				
11:15		51	5			**39**	11				
11:30		47	5			**54**	8				
11:45		44	5	192	20	**56**	6	195	31	387	51
Total		2056	1645	2056	1645	930	2490	930	2490	2986	4135
Combined Total		3701		3701		3420		3420		7121	
AM Peak	-	07:30	-	-	-	11:00	-	-	-	-	-
Vol.	-	532	-	-	-	195	-	-	-	-	-
P.H.F.		0.847				0.871					
PM Peak	-	-	12:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	242	-	-	-	411	-	-	-	-
P.H.F.			0.756				0.951				
Percentage		55.6%	44.4%			27.2%	72.8%				
ADT/AADT		ADT 7,121		AADT 7,121							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Jeronimo Road
E/ Lake Forest Drive
24 Hour Directional Volume Count

LKF069
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	96			11	109				
12:15		12	88			5	100				
12:30		8	101			6	99				
12:45		5	89	34	374	4	111	26	419	60	793
01:00		3	91			6	109				
01:15		5	76			4	106				
01:30		4	96			2	91				
01:45		7	87	19	350	2	107	14	413	33	763
02:00		2	108			1	72				
02:15		3	124			5	96				
02:30		3	152			2	**106**				
02:45		3	162	11	546	3	**118**	11	392	22	938
03:00		4	131			2	**236**				
03:15		2	142			4	**118**				
03:30		1	142			7	106				
03:45		6	148	13	563	3	94	16	554	29	1117
04:00		1	209			8	136				
04:15		0	158			3	124				
04:30		6	210			17	114				
04:45		3	191	10	768	24	95	52	469	62	1237
05:00		4	**237**			22	101				
05:15		9	**244**			26	124				
05:30		10	**215**			34	90				
05:45		10	**204**	33	900	44	107	126	422	159	1322
06:00		17	154			48	92				
06:15		22	165			62	96				
06:30		26	108			90	80				
06:45		32	108	97	535	97	64	297	332	394	867
07:00		92	108			141	70				
07:15		71	83			155	62				
07:30		**80**	74			**174**	50				
07:45		**170**	76	413	341	**229**	27	699	209	1112	550
08:00		**180**	63			**248**	55				
08:15		**88**	56			**247**	53				
08:30		54	50			162	56				
08:45		67	38	389	207	136	32	793	196	1182	403
09:00		45	49			118	56				
09:15		62	33			120	29				
09:30		71	44			103	30				
09:45		43	38	221	164	118	20	459	135	680	299
10:00		61	38			74	17				
10:15		70	27			91	15				
10:30		69	27			128	16				
10:45		69	25	269	117	81	11	374	59	643	176
11:00		58	17			98	9				
11:15		86	16			92	4				
11:30		74	10			101	8				
11:45		93	8	311	51	88	6	379	27	690	78
Total		1820	4916	1820	4916	3246	3627	3246	3627	5066	8543
Combined Total		6736		6736		6873		6873		13609	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	518	-	-	-	898	-	-	-	-	-
P.H.F.		0.719				0.905					
PM Peak	-	-	05:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	900	-	-	-	578	-	-	-	-
P.H.F.			0.922				0.612				
Percentage		27.0%	73.0%			47.2%	52.8%				
ADT/AADT		ADT 13,609		AADT 13,609							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Jeronimo Road
E/ Los Alisos Boulevard
24 Hour Directional Volume Count

MSV066
Site Code: 051-24139

Start	2/13/24	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		13	171			16	193				
12:15		3	192			9	192				
12:30		5	191			9	184				
12:45		12	194	33	748	6	188	40	757	73	1505
01:00		6	180			9	194				
01:15		4	195			5	175				
01:30		0	191			3	229				
01:45		2	193	12	759	10	183	27	781	39	1540
02:00		2	173			3	194				
02:15		5	208			3	159				
02:30		10	180			1	200				
02:45		16	218	33	779	7	211	14	764	47	1543
03:00		12	250			1	210				
03:15		3	270			4	217				
03:30		3	253			4	211				
03:45		5	224	23	997	3	212	12	850	35	1847
04:00		6	264			1	220				
04:15		9	248			5	183				
04:30		10	237			6	**268**				
04:45		9	241	34	990	14	**212**	26	883	60	1873
05:00		16	**235**			10	**227**				
05:15		16	**266**			15	**227**				
05:30		20	**254**			25	204				
05:45		34	**271**	86	1026	28	201	78	859	164	1885
06:00		31	210			39	184				
06:15		41	197			30	194				
06:30		59	141			51	168				
06:45		91	140	222	688	76	150	196	696	418	1384
07:00		73	119			74	120				
07:15		112	117			95	112				
07:30		**183**	112			137	123				
07:45		**231**	63	599	411	157	131	463	486	1062	897
08:00		**245**	96			**211**	108				
08:15		**251**	86			**234**	93				
08:30		177	71			**220**	70				
08:45		162	52	835	305	**163**	76	828	347	1663	652
09:00		139	38			150	71				
09:15		146	40			144	127				
09:30		134	26			127	61				
09:45		143	37	562	141	115	41	536	300	1098	441
10:00		118	26			135	59				
10:15		167	27			138	31				
10:30		115	14			180	27				
10:45		141	11	541	78	153	23	606	140	1147	218
11:00		141	9			160	12				
11:15		160	19			192	15				
11:30		178	4			164	20				
11:45		176	10	655	42	179	16	695	63	1350	105
Total		3635	6964	3635	6964	3521	6926	3521	6926	7156	13890
Combined Total		10599		10599		10447		10447		21046	
AM Peak	-	07:30	-	-	-	08:00	-	-	-	-	-
Vol.	-	910	-	-	-	828	-	-	-	-	-
P.H.F.		0.906				0.885					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	1026	-	-	-	934	-	-	-	-
P.H.F.			0.946				0.871				
Percentage		34.3%	65.7%			33.7%	66.3%				
ADT/AADT		ADT 21,046		AADT 21,046							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Jeronimo Road
E/ Ridge Route Drive
24 Hour Directional Volume Count

LKF070
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	89			8	101				
12:15		9	108			6	101				
12:30		10	104			5	108				
12:45		2	105	29	406	5	98	24	408	53	814
01:00		4	91			4	105				
01:15		5	97			8	127				
01:30		2	103			4	94				
01:45		7	95	18	386	4	115	20	441	38	827
02:00		1	128			0	89				
02:15		2	121			3	108				
02:30		4	122			2	**195**				
02:45		2	144	9	515	4	**170**	9	562	18	1077
03:00		5	242			2	**136**				
03:15		1	154			2	**127**				
03:30		1	153			5	120				
03:45		4	163	11	712	2	128	11	511	22	1223
04:00		2	193			7	121				
04:15		0	196			3	115				
04:30		3	222			11	139				
04:45		8	**209**	13	820	19	98	40	473	53	1293
05:00		4	**241**			19	126				
05:15		12	**216**			17	143				
05:30		8	**242**			31	131				
05:45		11	193	35	892	46	104	113	504	148	1396
06:00		15	153			36	114				
06:15		16	140			49	96				
06:30		33	120			78	84				
06:45		37	107	101	520	95	82	258	376	359	896
07:00		67	94			114	64				
07:15		70	73			114	75				
07:30		77	76			**163**	55				
07:45		**153**	65	367	308	**208**	44	599	238	966	546
08:00		**224**	66			**243**	50				
08:15		**134**	56			**221**	64				
08:30		**94**	45			160	52				
08:45		68	37	520	204	159	39	783	205	1303	409
09:00		62	43			113	70				
09:15		55	38			111	32				
09:30		84	40			100	36				
09:45		47	33	248	154	112	21	436	159	684	313
10:00		66	32			70	21				
10:15		83	26			91	19				
10:30		57	20			114	16				
10:45		79	20	285	98	97	12	372	68	657	166
11:00		65	18			98	11				
11:15		73	14			90	8				
11:30		84	10			94	6				
11:45		96	8	318	50	93	7	375	32	693	82
Total		1954	5065	1954	5065	3040	3977	3040	3977	4994	9042
Combined Total		7019		7019		7017		7017		14036	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	605	-	-	-	835	-	-	-	-	-
P.H.F.		0.675				0.859					
PM Peak	-	-	04:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	908	-	-	-	628	-	-	-	-
P.H.F.			0.938				0.805				
Percentage		27.8%	72.2%			43.3%	56.7%				
ADT/AADT		ADT 14,036		AADT 14,036							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Jeronimo Road
S/ Alicia Parkway
24 Hour Directional Volume Count

MSV071
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	147			8	157				
12:15		5	125			10	162				
12:30		2	141			6	159				
12:45		3	151	13	564	11	161	35	639	48	1203
01:00		2	170			9	158				
01:15		1	132			10	162				
01:30		4	158			1	181				
01:45		1	141	8	601	2	179	22	680	30	1281
02:00		2	146			3	213				
02:15		3	153			1	193				
02:30		3	252			6	250				
02:45		4	175	12	726	1	185	11	841	23	1567
03:00		2	171			2	233				
03:15		6	172			3	276				
03:30		5	**236**			1	236				
03:45		4	**202**	17	781	3	247	9	992	26	1773
04:00		4	**147**			3	248				
04:15		7	**223**			6	253				
04:30		4	165			4	257				
04:45		28	155	43	690	10	254	23	1012	66	1702
05:00		27	158			7	**284**				
05:15		36	161			10	**282**				
05:30		45	174			10	**278**				
05:45		64	148	172	641	15	**261**	42	1105	214	1746
06:00		79	127			31	256				
06:15		51	128			32	202				
06:30		75	125			53	193				
06:45		100	97	305	477	77	191	193	842	498	1319
07:00		113	87			66	185				
07:15		213	82			123	131				
07:30		227	72			136	121				
07:45		**293**	64	846	305	**212**	104	537	541	1383	846
08:00		**325**	63			**206**	110				
08:15		**301**	53			**175**	80				
08:30		**266**	53			**146**	94				
08:45		208	45	1100	214	132	84	659	368	1759	582
09:00		198	51			119	90				
09:15		138	31			99	55				
09:30		145	34			126	52				
09:45		131	15	612	131	114	62	458	259	1070	390
10:00		154	18			135	39				
10:15		131	21			124	35				
10:30		170	13			111	19				
10:45		149	14	604	66	112	16	482	109	1086	175
11:00		140	8			112	21				
11:15		141	10			150	20				
11:30		147	7			178	15				
11:45		147	8	575	33	117	10	557	66	1132	99
Total		4307	5229	4307	5229	3028	7454	3028	7454	7335	12683
Combined Total		9536		9536		10482		10482		20018	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1185	-	-	-	739	-	-	-	-	-
P.H.F.		0.912				0.871					
PM Peak	-	-	03:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	808	-	-	-	1105	-	-	-	-
P.H.F.			0.856				0.973				
Percentage		45.2%	54.8%			28.9%	71.1%				
ADT/AADT		ADT 20,018		AADT 20,018							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Jeronimo Road
W/ Lake Forest Drive
24 Hour Directional Volume Count

LKF068
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	91			13	128				
12:15		12	83			8	103				
12:30		11	96			7	103				
12:45		7	76	41	346	3	114	31	448	72	794
01:00		4	84			6	117				
01:15		4	84			5	116				
01:30		6	97			4	96				
01:45		7	81	21	346	4	102	19	431	40	777
02:00		1	79			1	95				
02:15		0	124			8	88				
02:30		2	113			3	**119**				
02:45		5	135	8	451	4	**131**	16	433	24	884
03:00		3	105			4	**150**				
03:15		4	128			3	**109**				
03:30		3	140			9	109				
03:45		7	149	17	522	4	93	20	461	37	983
04:00		2	188			13	116				
04:15		6	152			8	112				
04:30		4	206			15	119				
04:45		4	187	16	733	28	103	64	450	80	1183
05:00		6	**250**			23	103				
05:15		15	**251**			32	141				
05:30		12	**215**			45	112				
05:45		15	**211**	48	927	55	102	155	458	203	1385
06:00		17	154			63	101				
06:15		27	172			72	101				
06:30		26	109			118	90				
06:45		27	110	97	545	136	67	389	359	486	904
07:00		55	118			142	95				
07:15		68	111			170	82				
07:30		**65**	74			196	59				
07:45		**97**	103	285	406	**239**	48	747	284	1032	690
08:00		**113**	75			**158**	77				
08:15		**91**	74			**231**	77				
08:30		55	61			**206**	70				
08:45		73	46	332	256	167	39	762	263	1094	519
09:00		55	56			154	76				
09:15		69	38			156	33				
09:30		61	52			139	44				
09:45		57	51	242	197	133	35	582	188	824	385
10:00		65	53			97	30				
10:15		59	35			95	22				
10:30		64	32			138	24				
10:45		54	28	242	148	86	23	416	99	658	247
11:00		71	24			114	11				
11:15		83	18			102	11				
11:30		83	11			119	7				
11:45		97	13	334	66	93	8	428	37	762	103
Total		1683	4943	1683	4943	3629	3911	3629	3911	5312	8854
Combined Total		6626		6626		7540		7540		14166	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	366	-	-	-	834	-	-	-	-	-
P.H.F.		0.810				0.872					
PM Peak	-	-	05:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	927	-	-	-	509	-	-	-	-
P.H.F.			0.923				0.848				
Percentage		25.4%	74.6%			48.1%	51.9%				
ADT/AADT		ADT 14,166		AADT 14,166							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Jeronimo Road
W/ Los Alisos Boulevard
24 Hour Directional Volume Count

LKF065
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		13	169			19	197				
12:15		9	183			12	171				
12:30		7	159			7	168				
12:45		11	168	40	679	6	173	44	709	84	1388
01:00		10	149			3	156				
01:15		3	170			3	157				
01:30		3	166			4	181				
01:45		2	193	18	678	3	172	13	666	31	1344
02:00		2	160			2	164				
02:15		3	211			3	163				
02:30		9	223			2	178				
02:45		14	245	28	839	8	**247**	15	752	43	1591
03:00		16	265			2	**228**				
03:15		4	306			4	**202**				
03:30		5	234			7	**207**				
03:45		5	239	30	1044	6	182	19	819	49	1863
04:00		6	283			2	212				
04:15		8	250			4	195				
04:30		5	271			8	236				
04:45		11	245	30	1049	19	210	33	853	63	1902
05:00		27	**260**			15	195				
05:15		23	**277**			19	236				
05:30		22	**309**			30	189				
05:45		45	**291**	117	1137	41	207	105	827	222	1964
06:00		31	239			36	184				
06:15		43	211			45	192				
06:30		49	169			59	175				
06:45		86	184	209	803	70	134	210	685	419	1488
07:00		75	144			104	124				
07:15		139	128			136	110				
07:30		**218**	111			183	124				
07:45		**237**	85	669	468	**217**	115	640	473	1309	941
08:00		**278**	127			**299**	101				
08:15		**290**	98			**263**	102				
08:30		180	89			**245**	77				
08:45		171	72	919	386	197	93	1004	373	1923	759
09:00		128	13			154	69				
09:15		131	33			149	81				
09:30		143	29			124	64				
09:45		142	28	544	103	123	42	550	256	1094	359
10:00		109	35			154	57				
10:15		132	28			145	29				
10:30		121	21			131	31				
10:45		149	22	511	106	152	18	582	135	1093	241
11:00		132	12			120	12				
11:15		146	25			171	16				
11:30		163	10			143	20				
11:45		165	17	606	64	160	8	594	56	1200	120
Total		3721	7356	3721	7356	3809	6604	3809	6604	7530	13960
Combined Total		11077		11077		10413		10413		21490	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1023	-	-	-	1024	-	-	-	-	-
P.H.F.		0.882				0.856					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1137	-	-	-	884	-	-	-	-
P.H.F.			0.920				0.895				
Percentage		33.6%	66.4%			36.6%	63.4%				
ADT/AADT		ADT 21,490		AADT 21,490							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Alton Parkway - Barranca Parkway

File Name 253
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	39			1	66				
12:15	0	32			1	40				
12:30	0	31			0	51				
12:45	2	29	5	131	3	52	5	209	10	340
1:00	1	38			2	42				
1:15	1	25			1	39				
1:30	1	27			1	32				
1:45	0	34	3	124	0	37	4	150	7	274
2:00	0	23			1	36				
2:15	0	28			0	44				
2:30	2	41			1	46				
2:45	6	31	8	123	1	32	3	158	11	281
3:00	0	36			0	32				
3:15	1	24			0	27				
3:30	2	62			1	25				
3:45	2	54	5	176	4	33	5	117	10	293
4:00	1	60			1	49				
4:15	0	54			1	42				
4:30	1	58			4	23				
4:45	1	47	3	219	6	35	12	149	15	368
5:00	5	75			6	41				
5:15	3	84			5	45				
5:30	3	90			5	30				
5:45	5	69	16	318	9	37	25	153	41	471
6:00	6	81			12	31				
6:15	8	62			6	32				
6:30	4	38			16	20				
6:45	8	34	26	215	17	19	51	102	77	317
7:00	8	30			23	16				
7:15	9	26			31	13				
7:30	18	26			33	18				
7:45	35	20	70	102	40	10	127	57	197	159
8:00	30	12			52	8				
8:15	44	9			60	7				
8:30	30	10			66	10				
8:45	41	7	145	38	77	10	255	35	400	73
9:00	29	8			108	4				
9:15	28	3			96	5				
9:30	22	9			86	5				
9:45	25	3	104	23	86	2	376	16	480	39
10:00	19	5			88	3				
10:15	18	3			65	3				
10:30	23	2			48	3				
10:45	17	1	77	11	29	1	230	10	307	21
11:00	24	4			51	3				
11:15	23	1			34	1				
11:30	26	4			41	5				
11:45	51	2	124	11	47	0	173	9	297	20
Totals	586	1491			1266	1165				
Combined Totals		2077				2431				
ADT										4508
AM Peak Hour	800	AM			900	AM				
Volume	145				376					
P.H.F.	0.824				0.870					
PM Peak Hour		515	PM			1200	PM			
Volume		324				209				
P.H.F.		0.900				0.792				
Percentage	28.2%	71.8%			52.1%	47.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

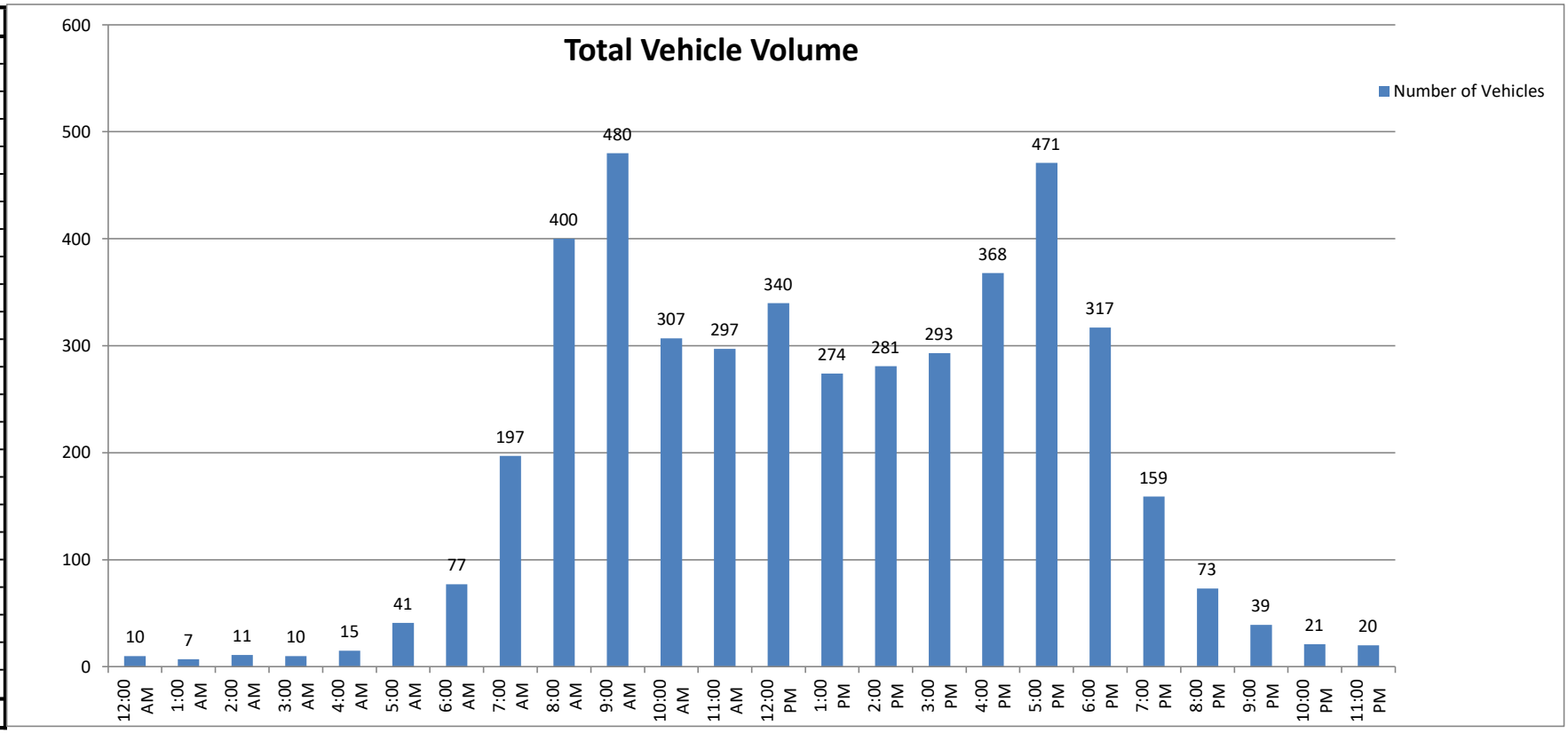
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Alton Parkway - Barranca Parkway

12/12/2023

Start Time	#########
12:00 AM	10
1:00 AM	7
2:00 AM	11
3:00 AM	10
4:00 AM	15
5:00 AM	41
6:00 AM	77
7:00 AM	197
8:00 AM	400
9:00 AM	480
10:00 AM	307
11:00 AM	297
12:00 PM	340
1:00 PM	274
2:00 PM	281
3:00 PM	293
4:00 PM	368
5:00 PM	471
6:00 PM	317
7:00 PM	159
8:00 PM	73
9:00 PM	39
10:00 PM	21
11:00 PM	20
Total	4508



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Alton Parkway - Barranca Parkway

File Name 253
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	35			2	53				
12:15	1	32			1	38				
12:30	2	33			0	53				
12:45	1	32	5	132	5	48	8	192	13	324
1:00	0	36			2	52				
1:15	0	28			1	44				
1:30	0	28			0	40				
1:45	2	39	2	131	0	37	3	173	5	304
2:00	1	22			0	36				
2:15	2	23			0	37				
2:30	1	48			0	30				
2:45	2	40	6	133	0	34	0	137	6	270
3:00	1	42			0	34				
3:15	0	31			1	31				
3:30	0	52			1	33				
3:45	1	33	2	158	1	34	3	132	5	290
4:00	0	44			1	28				
4:15	0	40			3	32				
4:30	1	45			5	36				
4:45	4	62	5	191	4	27	13	123	18	314
5:00	1	93			5	41				
5:15	1	73			7	36				
5:30	8	81			11	42				
5:45	6	73	16	320	16	41	39	160	55	480
6:00	2	61			12	37				
6:15	7	64			15	24				
6:30	10	44			21	15				
6:45	9	44	28	213	14	19	62	95	90	308
7:00	9	38			13	17				
7:15	11	23			26	19				
7:30	19	16			27	13				
7:45	28	21	67	98	45	9	111	58	178	156
8:00	24	12			47	13				
8:15	41	12			71	5				
8:30	20	4			83	4				
8:45	38	1	123	29	86	6	287	28	410	57
9:00	27	12			76	1				
9:15	23	6			77	7				
9:30	29	4			86	1				
9:45	34	4	113	26	85	7	324	16	437	42
10:00	18	3			76	6				
10:15	21	5			54	10				
10:30	16	2			44	3				
10:45	32	2	87	12	47	2	221	21	308	33
11:00	20	3			32	1				
11:15	15	1			34	5				
11:30	33	5			38	3				
11:45	33	3	101	12	48	0	152	9	253	21
Totals	555	1455			1223	1144				
Combined Totals		2010				2367				
ADT										4377
AM Peak Hour	815	AM			845	AM				
Volume	126				325					
P.H.F.	0.768				0.945					
PM Peak Hour		500	PM			2430	PM			
Volume		320				197				
P.H.F.		0.860				0.929				
Percentage	27.6%	72.4%			51.7%	48.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

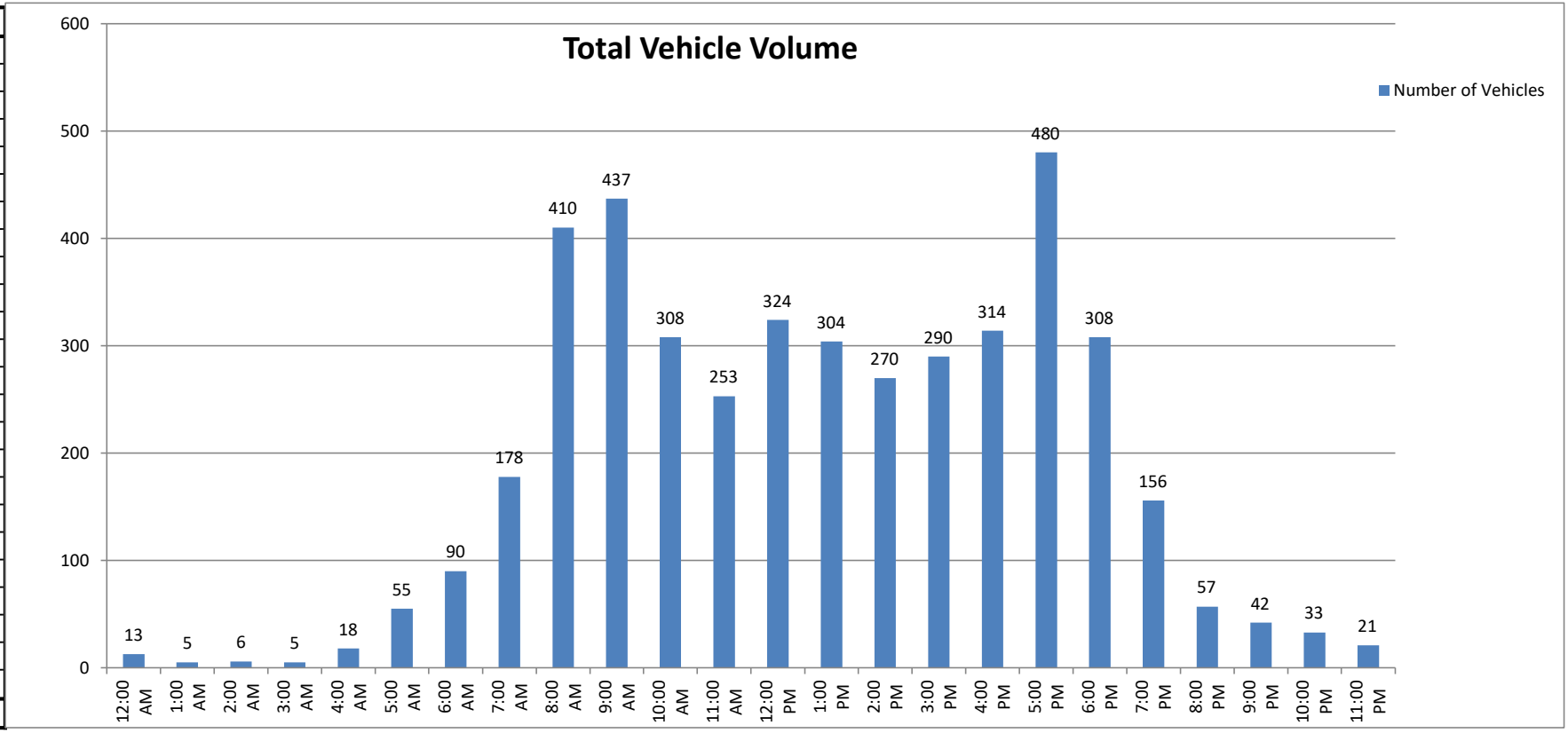
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Alton Parkway - Barranca Parkway

12/13/2023

Start Time	#########
12:00 AM	13
1:00 AM	5
2:00 AM	6
3:00 AM	5
4:00 AM	18
5:00 AM	55
6:00 AM	90
7:00 AM	178
8:00 AM	410
9:00 AM	437
10:00 AM	308
11:00 AM	253
12:00 PM	324
1:00 PM	304
2:00 PM	270
3:00 PM	290
4:00 PM	314
5:00 PM	480
6:00 PM	308
7:00 PM	156
8:00 PM	57
9:00 PM	42
10:00 PM	33
11:00 PM	21
Total	4377



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Alton Parkway - Barranca Parkway

File Name 253
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	37			2	60				
12:15	1	32			1	39				
12:30	1	32			0	52				
12:45	2	31	5	132	4	50	7	201	12	332
1:00	1	37			2	47				
1:15	1	27			1	42				
1:30	1	28			1	36				
1:45	1	37	3	128	0	37	4	162	6	289
2:00	1	23			1	36				
2:15	1	26			0	41				
2:30	2	45			1	38				
2:45	4	36	7	128	1	33	2	148	9	276
3:00	1	39			0	33				
3:15	1	28			1	29				
3:30	1	57			1	29				
3:45	2	44	4	167	3	34	4	125	8	292
4:00	1	52			1	39				
4:15	0	47			2	37				
4:30	1	52			5	30				
4:45	3	55	4	205	5	31	13	136	17	341
5:00	3	84			6	41				
5:15	2	79			6	41				
5:30	6	86			8	36				
5:45	6	71	16	319	13	39	32	157	48	476
6:00	4	71			12	34				
6:15	8	63			11	28				
6:30	7	41			19	18				
6:45	9	39	27	214	16	19	57	99	84	313
7:00	9	34			18	17				
7:15	10	25			29	16				
7:30	19	21			30	16				
7:45	32	21	69	100	43	10	119	58	188	158
8:00	27	12			50	11				
8:15	43	11			66	6				
8:30	25	7			75	7				
8:45	40	4	134	34	82	8	271	32	405	65
9:00	28	10			92	3				
9:15	26	5			87	6				
9:30	26	7			86	3				
9:45	30	4	109	25	86	5	350	16	459	41
10:00	19	4			82	5				
10:15	20	4			60	7				
10:30	20	2			46	3				
10:45	25	2	82	12	38	2	226	16	308	27
11:00	22	4			42	2				
11:15	19	1			34	3				
11:30	30	5			40	4				
11:45	42	3	113	12	48	0	163	9	275	21
Totals	571	1473			1245	1155				
Combined Totals		2044				2399				
ADT										4443
AM Peak Hour	815	AM			900	AM				
Volume	135				350					
P.H.F.	0.794				0.951					
PM Peak Hour		500	PM			1200	PM			
Volume		319				201				
P.H.F.		0.933				0.842				
Percentage	27.9%	72.1%			51.9%	48.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Barranca Parkway - Waterworks Way

File Name 254
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	34			4	52				
12:15	2	31			2	57				
12:30	7	29			2	40				
12:45	1	31	14	125	7	51	15	200	29	325
1:00	5	31			5	43				
1:15	1	25			2	28				
1:30	4	29			3	40				
1:45	3	33	13	118	0	32	10	143	23	261
2:00	0	35			0	39				
2:15	0	27			0	43				
2:30	1	33			1	62				
2:45	0	25	1	120	0	57	1	201	2	321
3:00	5	28			3	71				
3:15	1	26			4	38				
3:30	2	44			0	41				
3:45	4	32	12	130	7	54	14	204	26	334
4:00	1	36			1	60				
4:15	5	24			4	47				
4:30	6	33			3	47				
4:45	3	25	15	118	2	52	10	206	25	324
5:00	1	27			5	73				
5:15	6	33			22	55				
5:30	16	57			27	35				
5:45	27	44	50	161	25	42	79	205	129	366
6:00	34	86			16	36				
6:15	38	67			7	24				
6:30	18	19			20	21				
6:45	16	12	106	184	25	19	68	100	174	284
7:00	17	16			9	24				
7:15	10	10			17	9				
7:30	26	13			16	11				
7:45	42	13	95	52	22	4	64	48	159	100
8:00	38	6			29	11				
8:15	46	7			30	6				
8:30	24	5			35	4				
8:45	54	5	162	23	37	5	131	26	293	49
9:00	44	4			47	9				
9:15	38	8			57	5				
9:30	34	6			43	3				
9:45	33	2	149	20	45	1	192	18	341	38
10:00	26	3			46	3				
10:15	33	2			44	2				
10:30	43	7			44	4				
10:45	37	2	139	14	37	1	171	10	310	24
11:00	45	6			51	3				
11:15	32	0			37	1				
11:30	21	0			47	2				
11:45	43	1	141	7	51	0	186	6	327	13
Totals	897	1072			941	1367				
Combined Totals		1969				2308				
ADT										4277
AM Peak Hour	845	AM			900	AM				
Volume	170				192					
P.H.F.	0.787				0.842					
PM Peak Hour		530	PM			215	PM			
Volume		254				233				
P.H.F.		0.738				0.820				
Percentage	45.6%	54.4%			40.8%	59.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

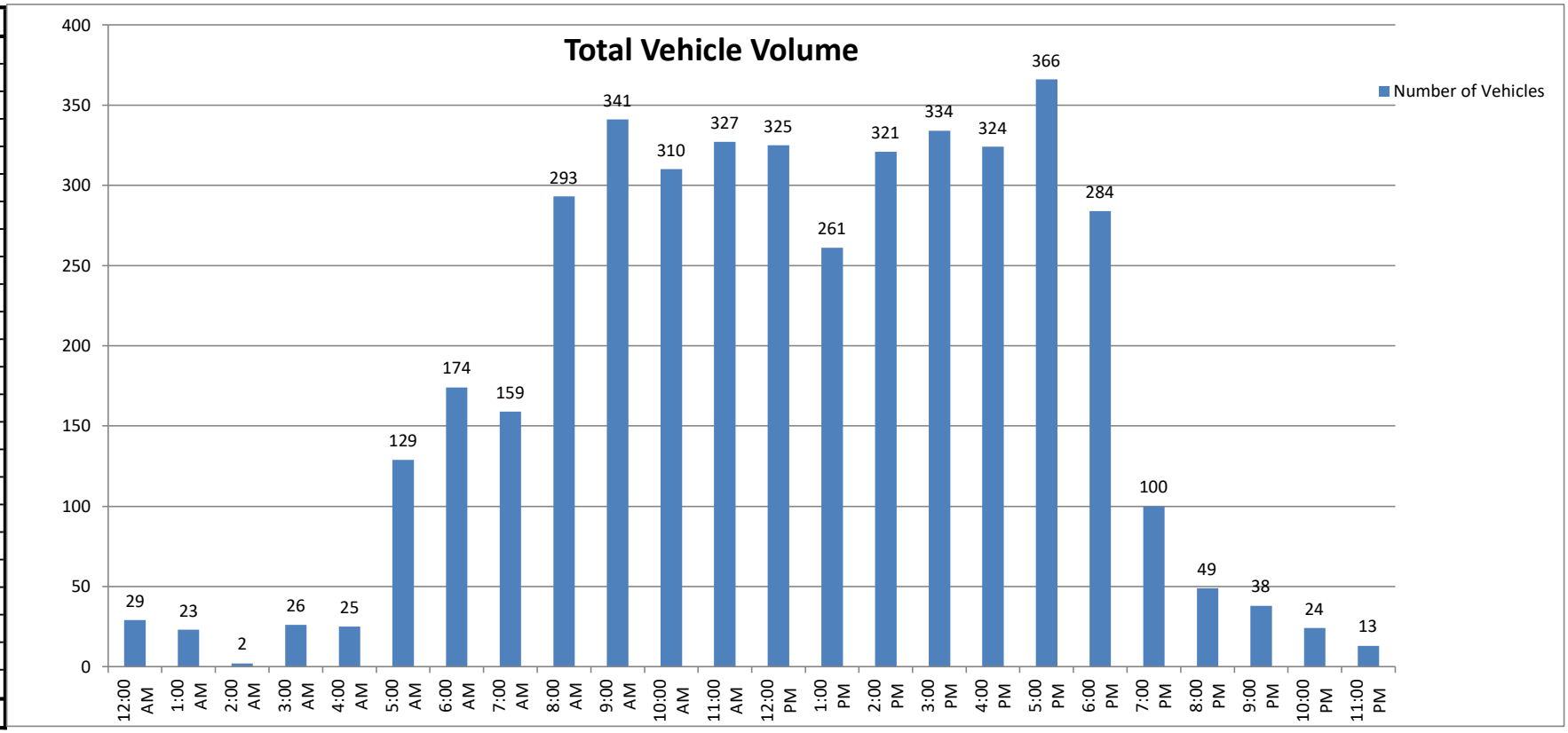
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Barranca Parkway - Waterworks Way

12/12/2023

Start Time	#########
12:00 AM	29
1:00 AM	23
2:00 AM	2
3:00 AM	26
4:00 AM	25
5:00 AM	129
6:00 AM	174
7:00 AM	159
8:00 AM	293
9:00 AM	341
10:00 AM	310
11:00 AM	327
12:00 PM	325
1:00 PM	261
2:00 PM	321
3:00 PM	334
4:00 PM	324
5:00 PM	366
6:00 PM	284
7:00 PM	100
8:00 PM	49
9:00 PM	38
10:00 PM	24
11:00 PM	13
Total	4277



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Barranca Parkway - Waterworks Way

File Name 254
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	26			3	60				
12:15	1	28			7	44				
12:30	2	29			2	47				
12:45	2	40	6	123	5	58	17	209	23	332
1:00	1	29			2	45				
1:15	2	25			4	41				
1:30	2	20			0	26				
1:45	2	34	7	108	0	32	6	144	13	252
2:00	0	37			0	53				
2:15	1	27			0	40				
2:30	1	37			3	49				
2:45	0	38	2	139	0	58	3	200	5	339
3:00	4	37			2	51				
3:15	1	31			1	48				
3:30	3	37			0	42				
3:45	6	26	14	131	0	47	3	188	17	319
4:00	0	39			0	57				
4:15	0	19			2	46				
4:30	1	33			8	44				
4:45	9	27	10	118	2	46	12	193	22	311
5:00	1	34			8	59				
5:15	2	26			19	48				
5:30	14	49			24	55				
5:45	20	58	37	167	21	33	72	195	109	362
6:00	36	73			24	31				
6:15	35	50			13	25				
6:30	28	17			20	21				
6:45	13	22	112	162	15	18	72	95	184	257
7:00	20	17			16	21				
7:15	18	14			20	17				
7:30	21	7			20	4				
7:45	35	12	94	50	29	9	85	51	179	101
8:00	23	10			31	8				
8:15	49	3			30	7				
8:30	35	8			49	7				
8:45	46	2	153	23	57	7	167	29	320	52
9:00	35	5			39	4				
9:15	35	7			41	4				
9:30	47	6			30	0				
9:45	38	9	155	27	52	10	162	18	317	45
10:00	28	4			42	3				
10:15	38	7			46	6				
10:30	27	6			38	3				
10:45	30	0	123	17	36	6	162	18	285	35
11:00	29	3			30	1				
11:15	22	1			36	2				
11:30	33	0			47	2				
11:45	32	3	116	7	31	0	144	5	260	12
Totals	829	1072			905	1345				
Combined Totals		1901				2250				
ADT										4151
AM Peak Hour	815	AM			830	AM				
Volume	165				186					
P.H.F.	0.842				0.816					
PM Peak Hour		530	PM			1200	PM			
Volume		230				209				
P.H.F.		0.788				0.871				
Percentage	43.6%	56.4%			40.2%	59.8%				

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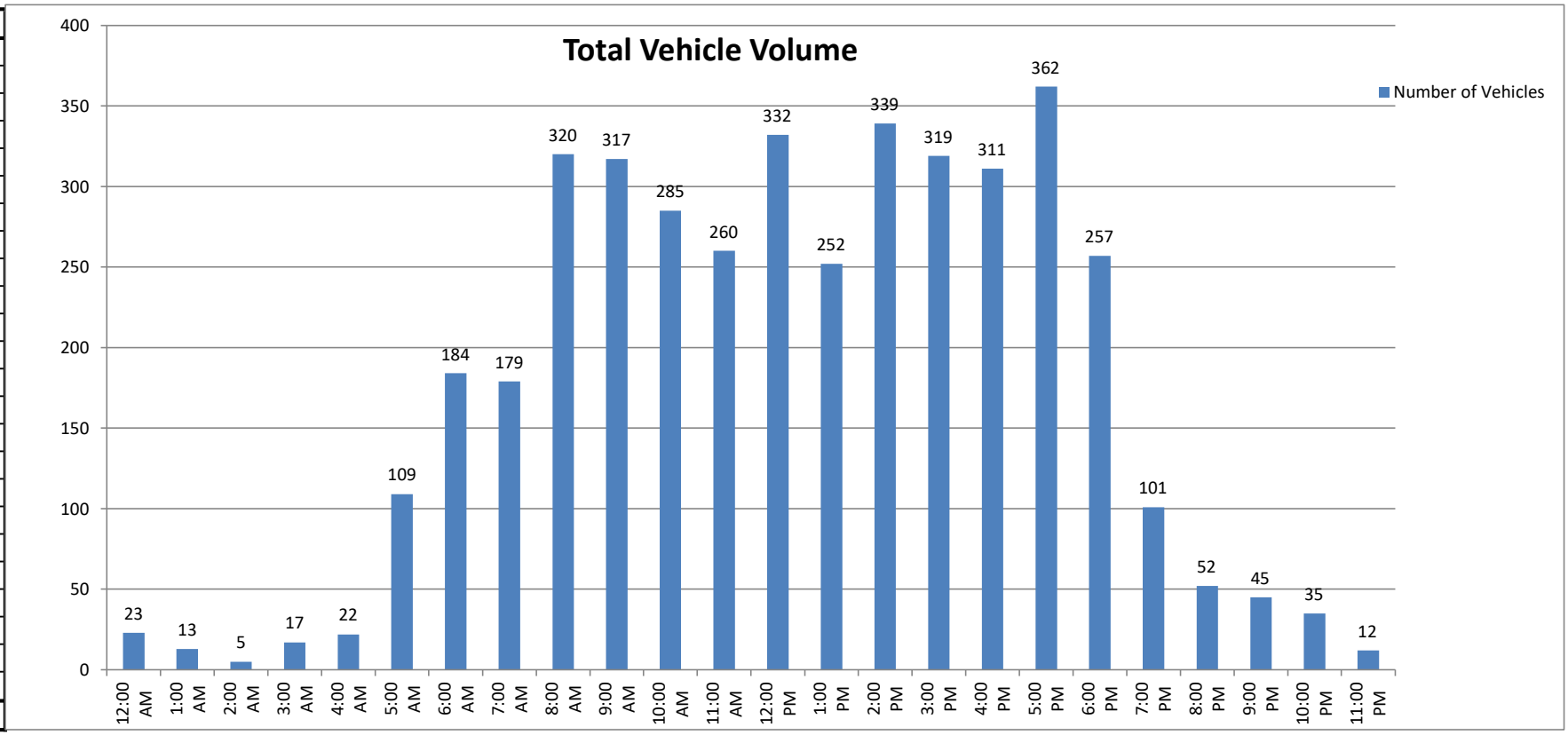
24 Hour Volume Plot

Laguna Canyon Road
B/ Barranca Parkway - Waterworks Way

12/13/2023

Start Time	#########
12:00 AM	23
1:00 AM	13
2:00 AM	5
3:00 AM	17
4:00 AM	22
5:00 AM	109
6:00 AM	184
7:00 AM	179
8:00 AM	320
9:00 AM	317
10:00 AM	285
11:00 AM	260
12:00 PM	332
1:00 PM	252
2:00 PM	339
3:00 PM	319
4:00 PM	311
5:00 PM	362
6:00 PM	257
7:00 PM	101
8:00 PM	52
9:00 PM	45
10:00 PM	35
11:00 PM	12
Total	4151



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Laguna Canyon Road
B/ Barranca Parkway - Waterworks Way

File Name 254
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	30			4	56				
12:15	2	30			5	51				
12:30	5	29			2	44				
12:45	2	36	10	124	6	55	16	205	26	329
1:00	3	30			4	44				
1:15	2	25			3	35				
1:30	3	25			2	33				
1:45	3	34	10	113	0	32	8	144	18	257
2:00	0	36			0	46				
2:15	1	27			0	42				
2:30	1	35			2	56				
2:45	0	32	2	130	0	58	2	201	4	330
3:00	5	33			3	61				
3:15	1	29			3	43				
3:30	3	41			0	42				
3:45	5	29	13	131	4	51	9	196	22	327
4:00	1	38			1	59				
4:15	3	22			3	47				
4:30	4	33			6	46				
4:45	6	26	13	118	2	49	11	200	24	318
5:00	1	31			7	66				
5:15	4	30			21	52				
5:30	15	53			26	45				
5:45	24	51	44	164	23	38	76	200	119	364
6:00	35	80			20	34				
6:15	37	59			10	25				
6:30	23	18			20	21				
6:45	15	17	109	173	20	19	70	98	179	271
7:00	19	17			13	23				
7:15	14	12			19	13				
7:30	24	10			18	8				
7:45	39	13	95	51	26	7	75	50	169	101
8:00	31	8			30	10				
8:15	48	5			30	7				
8:30	30	7			42	6				
8:45	50	4	158	23	47	6	149	28	307	51
9:00	40	5			43	7				
9:15	37	8			49	5				
9:30	41	6			37	2				
9:45	36	6	152	24	49	6	177	18	329	42
10:00	27	4			44	3				
10:15	36	5			45	4				
10:30	35	7			41	4				
10:45	34	1	131	16	37	4	167	14	298	30
11:00	37	5			41	2				
11:15	27	1			37	2				
11:30	27	0			47	2				
11:45	38	2	129	7	41	0	165	6	294	13
Totals	863	1072			923	1356				
Combined Totals		1935				2279				
ADT										4214
AM Peak Hour	845	AM			830	AM				
Volume	167				181					
P.H.F.	0.833				0.923					
PM Peak Hour		530	PM			230	PM			
Volume		242				217				
P.H.F.		0.761				0.889				
Percentage	44.6%	55.4%			40.5%	59.5%				

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City of Irvine
Laguna Canyon Road
B/ Discovery - Sand Canyon Avenue

File Name 257
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	221			5	98				
12:15	2	159			4	87				
12:30	4	147			0	86				
12:45	4	138	16	665	1	86	10	357	26	1022
1:00	4	124			0	80				
1:15	7	115			7	100				
1:30	17	158			1	73				
1:45	2	151	30	548	5	77	13	330	43	878
2:00	4	198			1	74				
2:15	3	226			1	57				
2:30	0	229			3	66				
2:45	2	211	9	864	3	76	8	273	17	1137
3:00	2	219			2	80				
3:15	3	187			9	75				
3:30	2	252			13	68				
3:45	5	244	12	902	13	51	37	274	49	1176
4:00	0	344			4	69				
4:15	12	290			14	66				
4:30	9	339			9	59				
4:45	11	311	32	1284	27	83	54	277	86	1561
5:00	8	373			29	76				
5:15	16	295			22	69				
5:30	31	282			44	50				
5:45	38	267	93	1217	73	49	168	244	261	1461
6:00	36	279			58	54				
6:15	43	235			50	35				
6:30	35	164			67	40				
6:45	46	188	160	866	94	47	269	176	429	1042
7:00	53	183			117	19				
7:15	71	100			89	27				
7:30	74	82			126	21				
7:45	111	96	309	461	162	29	494	96	803	557
8:00	116	64			166	14				
8:15	81	60			185	12				
8:30	111	59			171	16				
8:45	105	54	413	237	207	11	729	53	1142	290
9:00	108	54			183	19				
9:15	96	46			174	8				
9:30	108	40			120	8				
9:45	105	16	417	156	151	5	628	40	1045	196
10:00	134	18			124	7				
10:15	126	13			121	1				
10:30	111	5			80	8				
10:45	145	2	516	38	85	2	410	18	926	56
11:00	194	4			97	4				
11:15	188	5			77	3				
11:30	204	4			96	6				
11:45	220	8	806	21	66	1	336	14	1142	35
Totals	2813	7259			3156	2152				
Combined Totals		10072				5308				
ADT										15380
AM Peak Hour	1100	AM			815	AM				
Volume	806				746					
P.H.F.	0.916				0.901					
PM Peak Hour		430	PM			1200	PM			
Volume		1318				357				
P.H.F.		0.883				0.911				
Percentage	27.9%	72.1%			59.5%	40.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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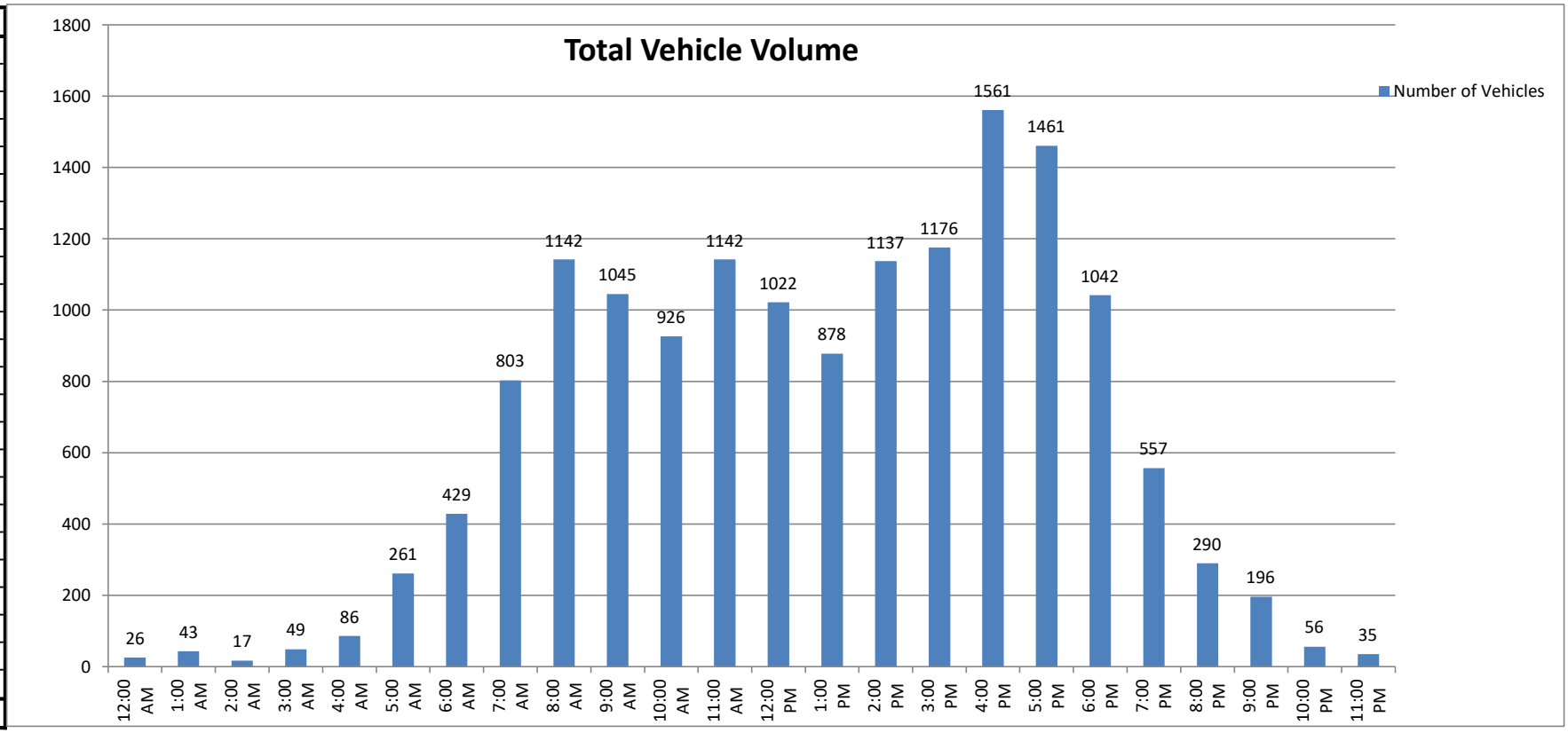
24 Hour Volume Plot

Laguna Canyon Road
B/ Discovery - Sand Canyon Avenue
12/12/2023

Start Time	#########
12:00 AM	26
1:00 AM	43
2:00 AM	17
3:00 AM	49
4:00 AM	86
5:00 AM	261
6:00 AM	429
7:00 AM	803
8:00 AM	1142
9:00 AM	1045
10:00 AM	926
11:00 AM	1142
12:00 PM	1022
1:00 PM	878
2:00 PM	1137
3:00 PM	1176
4:00 PM	1561
5:00 PM	1461
6:00 PM	1042
7:00 PM	557
8:00 PM	290
9:00 PM	196
10:00 PM	56
11:00 PM	35
Total	15380



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Discovery - Sand Canyon Avenue

File Name 257
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	174			0	68				
12:15	2	123			6	95				
12:30	0	126			5	72				
12:45	8	128	16	551	2	105	13	340	29	891
1:00	1	150			3	74				
1:15	2	85			7	104				
1:30	6	143			2	74				
1:45	0	117	9	495	2	80	14	332	23	827
2:00	0	197			2	56				
2:15	6	179			0	62				
2:30	4	277			2	57				
2:45	0	182	10	835	2	77	6	252	16	1087
3:00	0	232			1	58				
3:15	7	206			7	65				
3:30	3	234			7	55				
3:45	3	241	13	913	11	65	26	243	39	1156
4:00	0	364			7	66				
4:15	0	259			7	60				
4:30	7	288			14	83				
4:45	12	241	19	1152	24	69	52	278	71	1430
5:00	17	357			28	74				
5:15	23	303			28	60				
5:30	24	222			41	52				
5:45	37	249	101	1131	93	64	190	250	291	1381
6:00	47	238			49	47				
6:15	40	210			52	36				
6:30	39	175			68	41				
6:45	57	177	183	800	98	46	267	170	450	970
7:00	62	161			90	35				
7:15	92	109			102	27				
7:30	65	94			112	27				
7:45	76	79	295	443	155	21	459	110	754	553
8:00	91	65			148	17				
8:15	87	65			181	12				
8:30	90	58			172	12				
8:45	117	31	385	219	229	12	730	53	1115	272
9:00	117	40			162	13				
9:15	93	31			160	9				
9:30	122	24			142	4				
9:45	127	19	459	114	160	4	624	30	1083	144
10:00	127	21			119	13				
10:15	111	14			102	4				
10:30	129	6			92	5				
10:45	170	6	537	47	72	2	385	24	922	71
11:00	183	2			82	10				
11:15	206	1			95	6				
11:30	153	4			100	5				
11:45	137	4	679	11	80	0	357	21	1036	32
Totals	2706	6711			3123	2103				
Combined Totals		9417				5226				
ADT										14643
AM Peak Hour	1045	AM			815	AM				
Volume	712				744					
P.H.F.	0.864				0.812					
PM Peak Hour		430	PM			2445	PM			
Volume		1189				357				
P.H.F.		0.833				0.850				
Percentage	28.7%	71.3%			59.8%	40.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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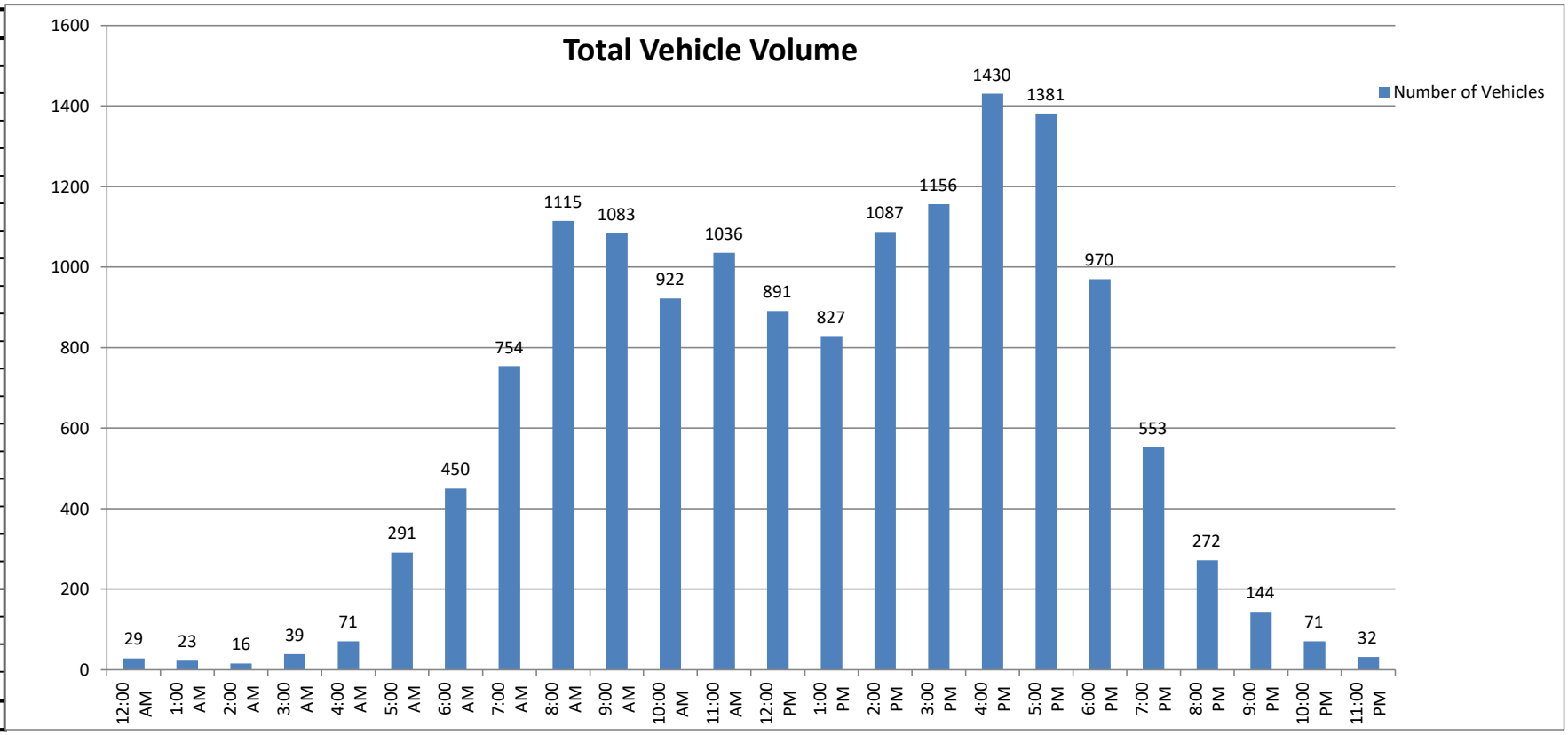
24 Hour Volume Plot

Laguna Canyon Road
B/ Discovery - Sand Canyon Avenue

12/13/2023

Start Time	#########
12:00 AM	29
1:00 AM	23
2:00 AM	16
3:00 AM	39
4:00 AM	71
5:00 AM	291
6:00 AM	450
7:00 AM	754
8:00 AM	1115
9:00 AM	1083
10:00 AM	922
11:00 AM	1036
12:00 PM	891
1:00 PM	827
2:00 PM	1087
3:00 PM	1156
4:00 PM	1430
5:00 PM	1381
6:00 PM	970
7:00 PM	553
8:00 PM	272
9:00 PM	144
10:00 PM	71
11:00 PM	32
Total	14643



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Discovery - Sand Canyon Avenue

File Name 257
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	198			3	83				
12:15	2	141			5	91				
12:30	2	137			3	79				
12:45	6	133	16	608	2	96	12	349	28	957
1:00	3	137			2	77				
1:15	5	100			7	102				
1:30	12	151			2	74				
1:45	1	134	20	522	4	79	14	331	33	853
2:00	2	198			2	65				
2:15	5	203			1	60				
2:30	2	253			3	62				
2:45	1	197	10	850	3	77	7	263	17	1112
3:00	1	226			2	69				
3:15	5	197			8	70				
3:30	3	243			10	62				
3:45	4	243	13	908	12	58	32	259	44	1166
4:00	0	354			6	68				
4:15	6	275			11	63				
4:30	8	314			12	71				
4:45	12	276	26	1218	26	76	53	278	79	1496
5:00	13	365			29	75				
5:15	20	299			25	65				
5:30	28	252			43	51				
5:45	38	258	97	1174	83	57	179	247	276	1421
6:00	42	259			54	51				
6:15	42	223			51	36				
6:30	37	170			68	41				
6:45	52	183	172	833	96	47	268	173	440	1006
7:00	58	172			104	27				
7:15	82	105			96	27				
7:30	70	88			119	24				
7:45	94	88	302	452	159	25	477	103	779	555
8:00	104	65			157	16				
8:15	84	63			183	12				
8:30	101	59			172	14				
8:45	111	43	399	228	218	12	730	53	1129	281
9:00	113	47			173	16				
9:15	95	39			167	9				
9:30	115	32			131	6				
9:45	116	18	438	135	156	5	626	35	1064	170
10:00	131	20			122	10				
10:15	119	14			112	3				
10:30	120	6			86	7				
10:45	158	4	527	43	79	2	398	21	924	64
11:00	189	3			90	7				
11:15	197	3			86	5				
11:30	179	4			98	6				
11:45	179	6	743	16	73	1	347	18	1089	34
Totals	2760	6985			3140	2128				
Combined Totals		9745				5267				
ADT										15012
AM Peak Hour	1100	AM			815	AM				
Volume	743				745					
P.H.F.	0.942				0.854					
PM Peak Hour		430	PM			2430	PM			
Volume		1254				354				
P.H.F.		0.859				0.866				
Percentage	28.3%	71.7%			59.6%	40.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Laguna Canyon Road
B/ Interstate 405 - Pasteur

File Name 251
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	77			6	42				
12:15	1	58			2	36				
12:30	2	62			2	45				
12:45	2	56	8	253	2	40	12	163	20	416
1:00	1	39			0	35				
1:15	1	46			2	38				
1:30	1	45			2	37				
1:45	1	54	4	184	3	28	7	138	11	322
2:00	1	44			1	37				
2:15	1	39			1	36				
2:30	2	39			1	41				
2:45	1	51	5	173	0	39	3	153	8	326
3:00	0	54			1	45				
3:15	1	50			0	41				
3:30	0	53			1	46				
3:45	1	57	2	214	0	67	2	199	4	413
4:00	0	60			0	65				
4:15	1	83			0	68				
4:30	5	63			1	71				
4:45	3	76	9	282	1	69	2	273	11	555
5:00	3	107			2	92				
5:15	2	96			1	104				
5:30	7	100			5	61				
5:45	13	60	25	363	5	81	13	338	38	701
6:00	13	61			5	61				
6:15	10	46			5	67				
6:30	17	30			7	35				
6:45	21	26	61	163	20	44	37	207	98	370
7:00	25	28			20	38				
7:15	29	17			13	27				
7:30	79	17			19	29				
7:45	88	7	221	69	28	17	80	111	301	180
8:00	99	14			30	17				
8:15	124	8			42	18				
8:30	92	11			51	18				
8:45	102	6	417	39	45	15	168	68	585	107
9:00	73	11			43	14				
9:15	71	15			32	10				
9:30	63	4			30	8				
9:45	63	7	270	37	29	10	134	42	404	79
10:00	50	9			28	4				
10:15	49	4			22	5				
10:30	57	3			30	4				
10:45	34	7	190	23	25	4	105	17	295	40
11:00	44	8			34	6				
11:15	46	0			31	1				
11:30	63	2			28	9				
11:45	54	0	207	10	39	5	132	21	339	31
Totals	1419	1810			695	1730				
Combined Totals		3229				2425				
ADT										5654
AM Peak Hour	800	AM			815	AM				
Volume	417				181					
P.H.F.	0.841				0.887					
PM Peak Hour		445	PM			500	PM			
Volume		379				338				
P.H.F.		0.886				0.813				
Percentage	43.9%	56.1%			28.7%	71.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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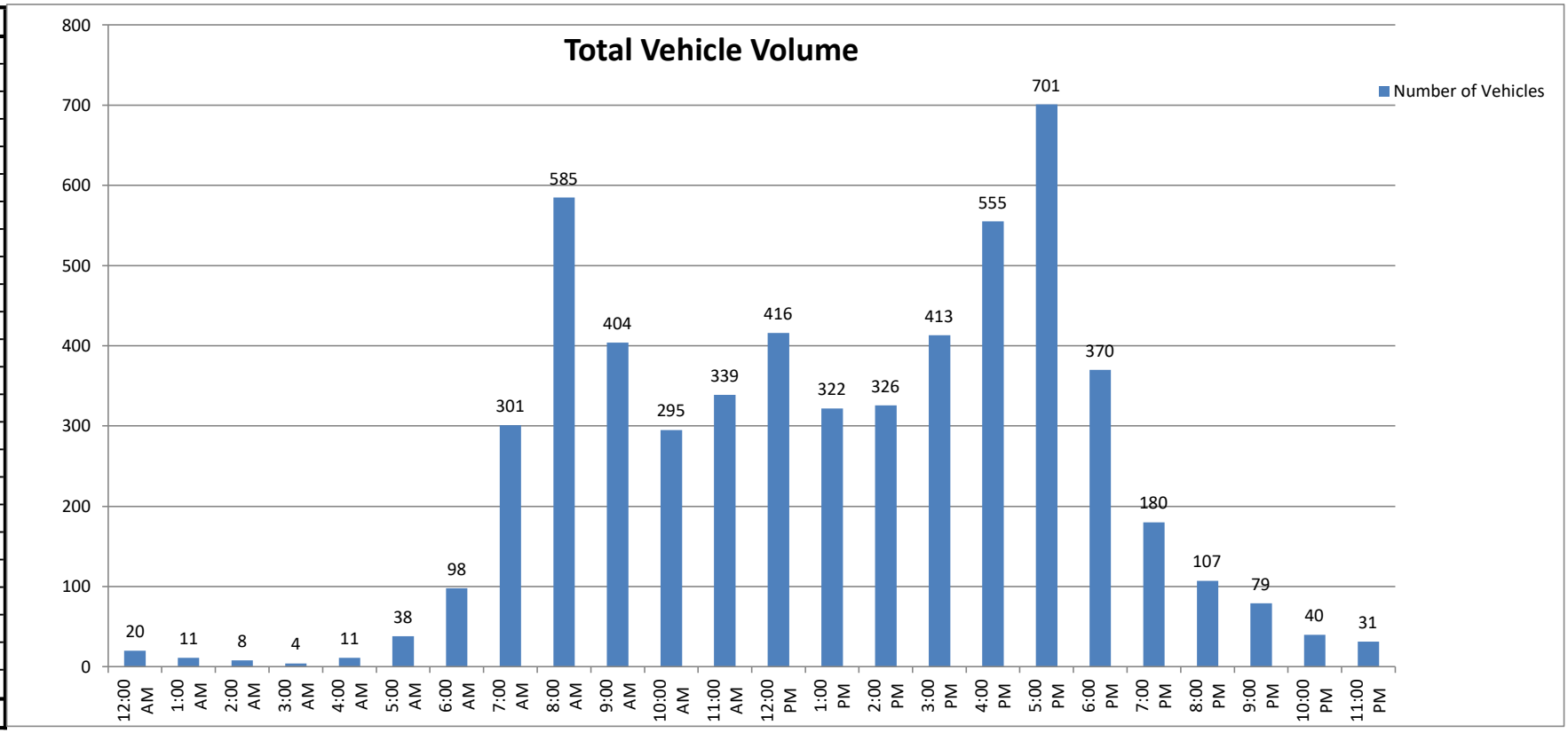
24 Hour Volume Plot

Laguna Canyon Road
B/ Interstate 405 - Pasteur

12/12/2023

Start Time	#########
12:00 AM	20
1:00 AM	11
2:00 AM	8
3:00 AM	4
4:00 AM	11
5:00 AM	38
6:00 AM	98
7:00 AM	301
8:00 AM	585
9:00 AM	404
10:00 AM	295
11:00 AM	339
12:00 PM	416
1:00 PM	322
2:00 PM	326
3:00 PM	413
4:00 PM	555
5:00 PM	701
6:00 PM	370
7:00 PM	180
8:00 PM	107
9:00 PM	79
10:00 PM	40
11:00 PM	31
Total	5654



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Interstate 405 - Pasteur

File Name 251
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	47			3	45				
12:15	1	67			2	34				
12:30	2	55			6	41				
12:45	0	58	6	227	2	48	13	168	19	395
1:00	1	45			0	47				
1:15	0	54			2	45				
1:30	1	63			1	45				
1:45	0	58	2	220	0	31	3	168	5	388
2:00	0	47			0	39				
2:15	1	42			1	34				
2:30	0	48			1	55				
2:45	1	46	2	183	1	50	3	178	5	361
3:00	1	41			0	55				
3:15	1	53			0	60				
3:30	0	38			0	48				
3:45	2	54	4	186	2	41	2	204	6	390
4:00	0	59			0	74				
4:15	2	66			1	56				
4:30	2	77			5	63				
4:45	4	79	8	281	2	73	8	266	16	547
5:00	4	99			2	79				
5:15	1	85			3	73				
5:30	11	96			4	67				
5:45	9	59	25	339	4	72	13	291	38	630
6:00	11	44			2	62				
6:15	17	39			5	56				
6:30	15	36			11	38				
6:45	22	25	65	144	10	32	28	188	93	332
7:00	25	24			19	32				
7:15	33	18			17	34				
7:30	79	22			24	32				
7:45	101	17	238	81	36	30	96	128	334	209
8:00	104	11			41	16				
8:15	124	12			43	15				
8:30	89	3			37	15				
8:45	98	6	415	32	33	12	154	58	569	90
9:00	79	5			33	11				
9:15	63	6			26	16				
9:30	63	3			37	7				
9:45	77	5	282	19	31	14	127	48	409	67
10:00	51	8			25	10				
10:15	52	4			26	8				
10:30	45	5			36	9				
10:45	34	3	182	20	30	2	117	29	299	49
11:00	29	2			39	5				
11:15	50	2			34	1				
11:30	56	2			45	3				
11:45	59	0	194	6	37	3	155	12	349	18
Totals	1423	1738			719	1738				
Combined Totals		3161				2457				
ADT										5618
AM Peak Hour	745 AM				745 AM					
Volume	418				157					
P.H.F.	0.843				0.913					
PM Peak Hour		445 PM				445 PM				
Volume		359				292				
P.H.F.		0.907				0.924				
Percentage	45.0%	55.0%			29.3%	70.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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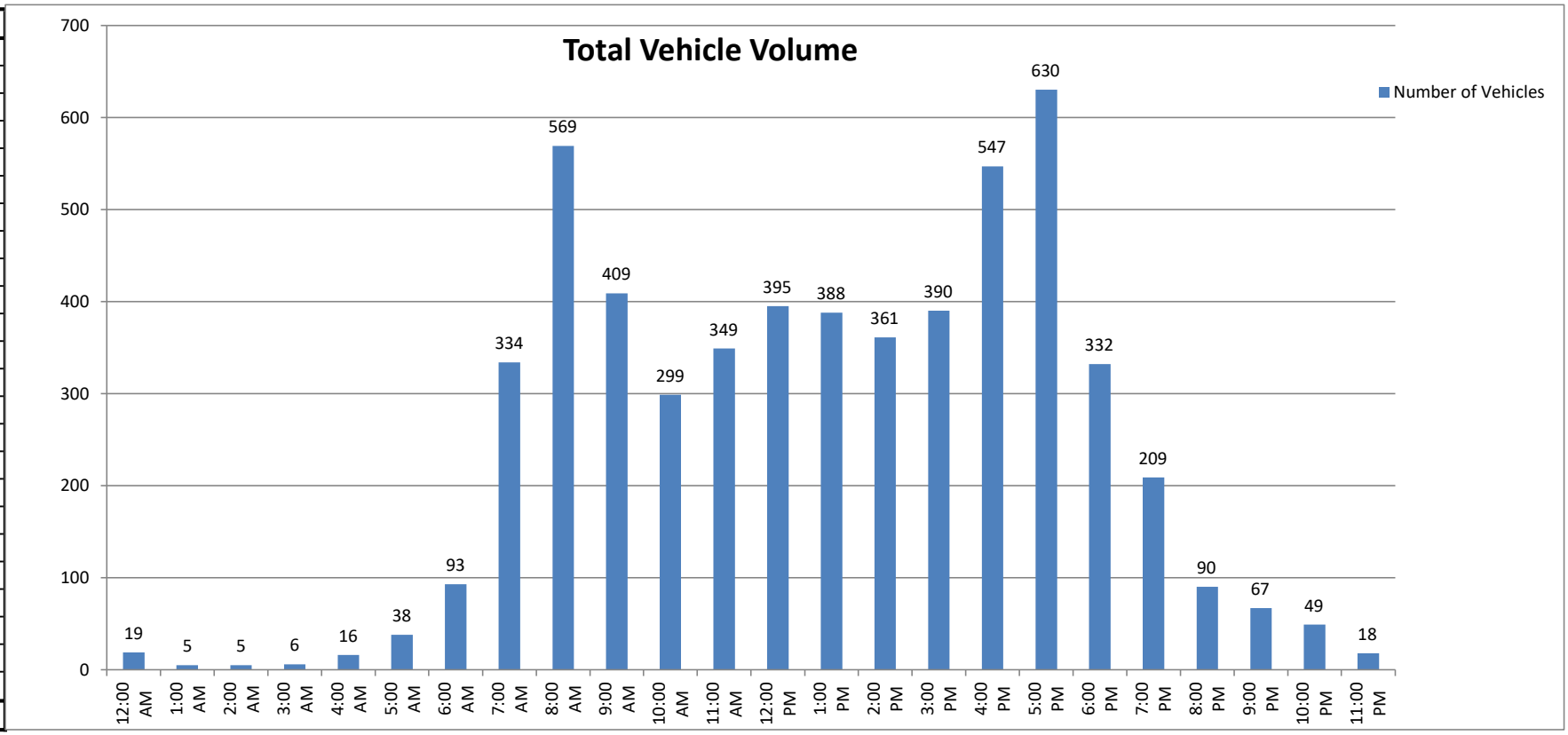
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Interstate 405 - Pasteur

12/13/2023

Start Time	#########
12:00 AM	19
1:00 AM	5
2:00 AM	5
3:00 AM	6
4:00 AM	16
5:00 AM	38
6:00 AM	93
7:00 AM	334
8:00 AM	569
9:00 AM	409
10:00 AM	299
11:00 AM	349
12:00 PM	395
1:00 PM	388
2:00 PM	361
3:00 PM	390
4:00 PM	547
5:00 PM	630
6:00 PM	332
7:00 PM	209
8:00 PM	90
9:00 PM	67
10:00 PM	49
11:00 PM	18
Total	5618



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Interstate 405 - Pasteur

File Name 251
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	62			5	44				
12:15	1	63			2	35				
12:30	2	59			4	43				
12:45	1	57	7	240	2	44	13	166	20	406
1:00	1	42			0	41				
1:15	1	50			2	42				
1:30	1	54			2	41				
1:45	1	56	3	202	2	30	5	153	8	355
2:00	1	46			1	38				
2:15	1	41			1	35				
2:30	1	44			1	48				
2:45	1	49	4	178	1	45	3	166	7	344
3:00	1	48			1	50				
3:15	1	52			0	51				
3:30	0	46			1	47				
3:45	2	56	3	200	1	54	2	202	5	402
4:00	0	60			0	70				
4:15	2	75			1	62				
4:30	4	70			3	67				
4:45	4	78	9	282	2	71	5	270	14	551
5:00	4	103			2	86				
5:15	2	91			2	89				
5:30	9	98			5	64				
5:45	11	60	25	351	5	77	13	315	38	666
6:00	12	53			4	62				
6:15	14	43			5	62				
6:30	16	33			9	37				
6:45	22	26	63	154	15	38	33	198	96	351
7:00	25	26			20	35				
7:15	31	18			15	31				
7:30	79	20			22	31				
7:45	95	12	230	75	32	24	88	120	318	195
8:00	102	13			36	17				
8:15	124	10			43	17				
8:30	91	7			44	17				
8:45	100	6	416	36	39	14	161	63	577	99
9:00	76	8			38	13				
9:15	67	11			29	13				
9:30	63	4			34	8				
9:45	70	6	276	28	30	12	131	45	407	73
10:00	51	9			27	7				
10:15	51	4			24	7				
10:30	51	4			33	7				
10:45	34	5	186	22	28	3	111	23	297	45
11:00	37	5			37	6				
11:15	48	1			33	1				
11:30	60	2			37	6				
11:45	57	0	201	8	38	4	144	17	344	25
Totals	1421	1774			707	1734				
Combined Totals		3195				2441				
ADT										5636
AM Peak Hour	800	AM			815	AM				
Volume	416				164					
P.H.F.	0.839				0.929					
PM Peak Hour		445	PM			500	PM			
Volume		369				315				
P.H.F.		0.896				0.888				
Percentage	44.5%	55.5%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Irvine Center Drive - Discovery

File Name 256
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	45			2	44				
12:15	1	58			0	34				
12:30	1	41			1	42				
12:45	2	40	8	184	2	46	5	166	13	350
1:00	10	48			4	36				
1:15	3	44			0	34				
1:30	1	40			1	42				
1:45	0	56	14	188	1	36	6	148	20	336
2:00	2	60			2	28				
2:15	0	30			2	36				
2:30	0	40			0	26				
2:45	0	32	2	162	0	24	4	114	6	276
3:00	1	33			2	32				
3:15	4	52			6	27				
3:30	2	97			12	32				
3:45	0	109	7	291	8	45	28	136	35	427
4:00	0	155			3	71				
4:15	0	160			5	100				
4:30	2	112			1	86				
4:45	2	54	4	481	6	58	15	315	19	796
5:00	9	52			8	74				
5:15	6	44			7	49				
5:30	10	58			10	30				
5:45	18	54	43	208	10	39	35	192	78	400
6:00	24	47			10	41				
6:15	18	30			10	19				
6:30	7	30			21	14				
6:45	16	42	65	149	19	14	60	88	125	237
7:00	28	28			20	14				
7:15	30	22			20	12				
7:30	23	24			34	12				
7:45	51	14	132	88	32	10	106	48	238	136
8:00	55	16			32	10				
8:15	58	16			44	14				
8:30	62	16			37	9				
8:45	53	9	228	57	62	5	175	38	403	95
9:00	48	10			36	4				
9:15	48	2			22	4				
9:30	38	8			46	6				
9:45	29	5	163	25	36	6	140	20	303	45
10:00	30	10			24	20				
10:15	29	0			28	6				
10:30	42	2			30	5				
10:45	30	5	131	17	37	8	119	39	250	56
11:00	30	7			26	8				
11:15	48	0			32	8				
11:30	44	10			37	3				
11:45	52	4	174	21	30	3	125	22	299	43
Totals	971	1871			818	1326				
Combined Totals		2842				2144				
ADT										4986
AM Peak Hour	800	AM			815	AM				
Volume	228				179					
P.H.F.	0.919				0.722					
PM Peak Hour		345	PM			415	PM			
Volume		536				318				
P.H.F.		0.838				0.795				
Percentage	34.2%	65.8%			38.2%	61.8%				

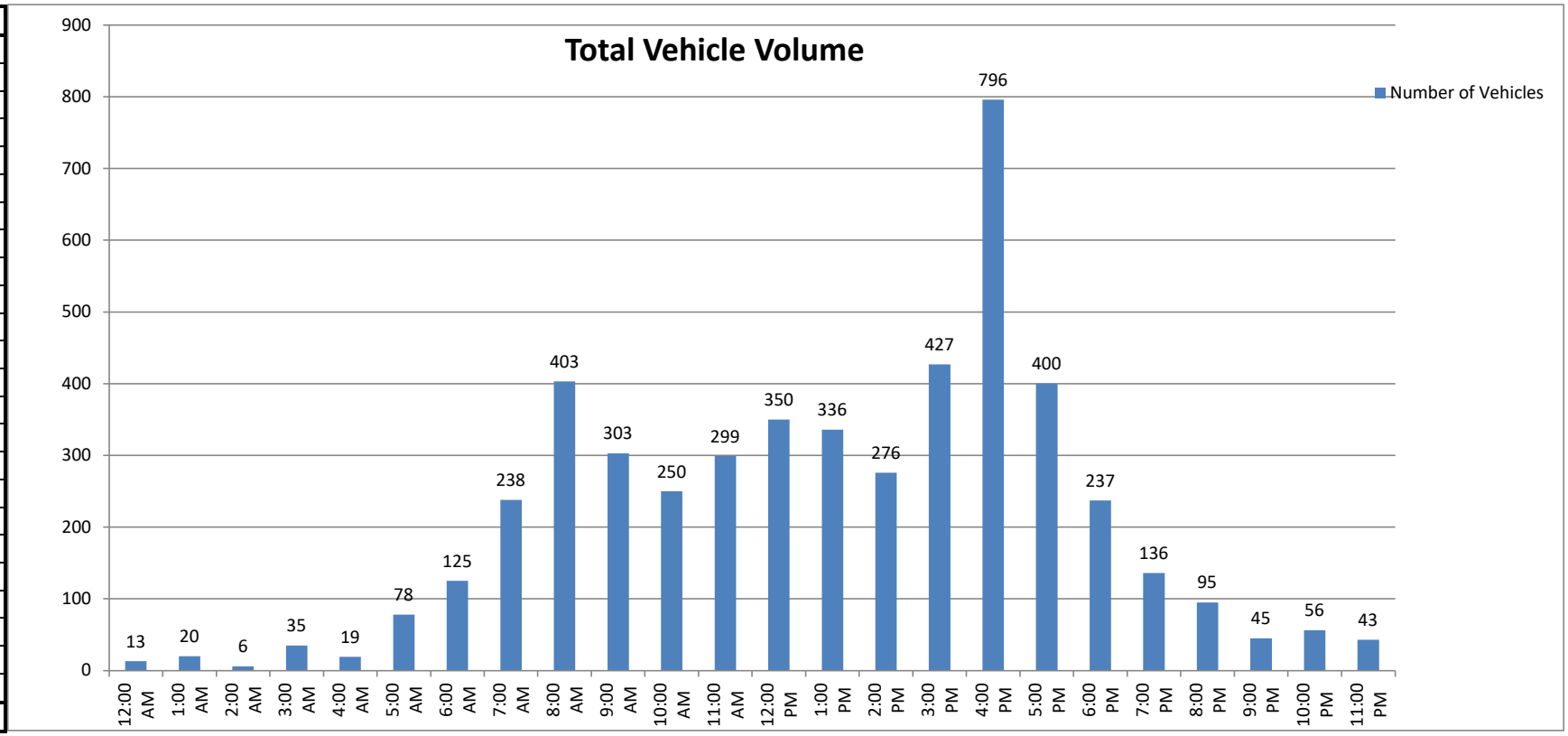
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Irvine Center Drive - Discovery
5/7/2024

Start Time	5/7/2024
12:00 AM	13
1:00 AM	20
2:00 AM	6
3:00 AM	35
4:00 AM	19
5:00 AM	78
6:00 AM	125
7:00 AM	238
8:00 AM	403
9:00 AM	303
10:00 AM	250
11:00 AM	299
12:00 PM	350
1:00 PM	336
2:00 PM	276
3:00 PM	427
4:00 PM	796
5:00 PM	400
6:00 PM	237
7:00 PM	136
8:00 PM	95
9:00 PM	45
10:00 PM	56
11:00 PM	43
Total	4986



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Irvine Center Drive - Discovery

File Name 256
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	48			3	28				
12:15	3	59			2	34				
12:30	1	36			4	28				
12:45	4	54	11	197	2	31	11	121	22	318
1:00	4	62			2	34				
1:15	1	39			0	34				
1:30	0	36			2	36				
1:45	3	35	8	172	2	32	6	136	14	308
2:00	2	40			1	26				
2:15	0	30			1	28				
2:30	0	41			2	30				
2:45	3	33	5	144	1	46	5	130	10	274
3:00	2	34			0	28				
3:15	3	35			1	24				
3:30	6	36			2	33				
3:45	4	42	15	147	2	32	5	117	20	264
4:00	6	42			2	37				
4:15	0	34			2	29				
4:30	8	35			8	37				
4:45	6	40	20	151	7	41	19	144	39	295
5:00	4	50			8	55				
5:15	6	47			13	35				
5:30	16	42			8	33				
5:45	17	40	43	179	16	36	45	159	88	338
6:00	25	39			8	29				
6:15	22	36			10	22				
6:30	10	36			16	20				
6:45	25	32	82	143	15	11	49	82	131	225
7:00	27	25			26	10				
7:15	21	22			29	30				
7:30	22	16			30	13				
7:45	51	14	121	77	38	8	123	61	244	138
8:00	55	15			35	5				
8:15	60	12			42	6				
8:30	38	14			44	8				
8:45	64	9	217	50	40	12	161	31	378	81
9:00	59	4			50	5				
9:15	41	9			22	5				
9:30	42	9			38	7				
9:45	42	3	184	25	42	3	152	20	336	45
10:00	40	11			24	10				
10:15	24	18			34	9				
10:30	38	5			22	4				
10:45	44	12	146	46	32	11	112	34	258	80
11:00	37	12			35	12				
11:15	42	12			24	4				
11:30	56	8			30	4				
11:45	59	8	194	40	38	1	127	21	321	61
Totals	1046	1371			815	1056				
Combined Totals		2417				1871				
ADT										4288
AM Peak Hour	815	AM			815	AM				
Volume	221				176					
P.H.F.	0.863				0.880					
PM Peak Hour		1215	PM			430	PM			
Volume		211				168				
P.H.F.		0.851				0.764				
Percentage	43.3%	56.7%			43.6%	56.4%				

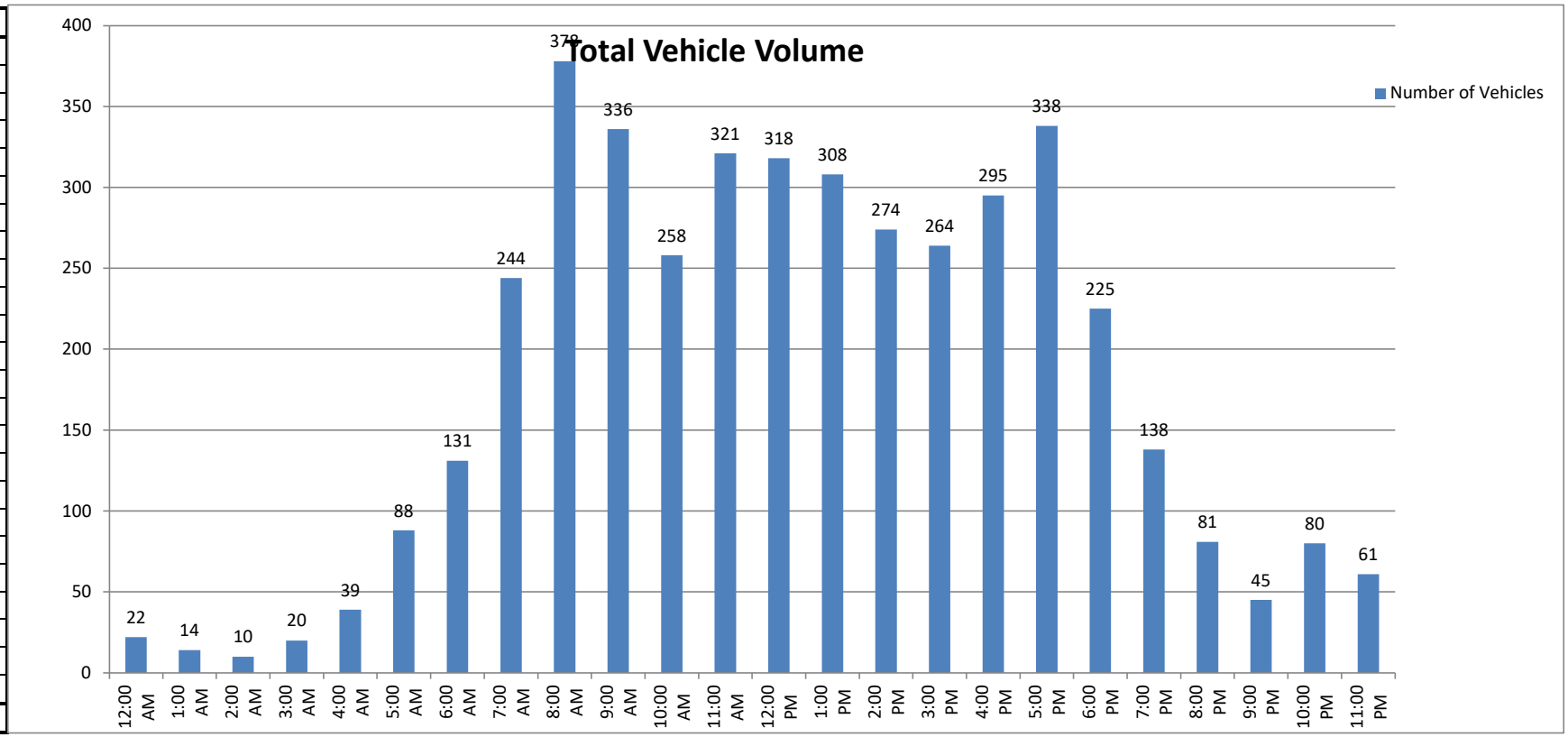
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Irvine Center Drive - Discovery
5/8/2024

Start Time	5/8/2024
12:00 AM	22
1:00 AM	14
2:00 AM	10
3:00 AM	20
4:00 AM	39
5:00 AM	88
6:00 AM	131
7:00 AM	244
8:00 AM	378
9:00 AM	336
10:00 AM	258
11:00 AM	321
12:00 PM	318
1:00 PM	308
2:00 PM	274
3:00 PM	264
4:00 PM	295
5:00 PM	338
6:00 PM	225
7:00 PM	138
8:00 PM	81
9:00 PM	45
10:00 PM	80
11:00 PM	61
Total	4288



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Irvine Center Drive - Discovery

File Name 256
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	47			3	36				
12:15	2	59			1	34				
12:30	1	39			3	35				
12:45	3	47	10	191	2	39	8	144	18	334
1:00	7	55			3	35				
1:15	2	42			0	34				
1:30	1	38			2	39				
1:45	2	46	11	180	2	34	6	142	17	322
2:00	2	50			2	27				
2:15	0	30			2	32				
2:30	0	41			1	28				
2:45	2	33	4	153	1	35	5	122	8	275
3:00	2	34			1	30				
3:15	4	44			4	26				
3:30	4	67			7	33				
3:45	2	76	11	219	5	39	17	127	28	346
4:00	3	99			3	54				
4:15	0	97			4	65				
4:30	5	74			5	62				
4:45	4	47	12	316	7	50	17	230	29	546
5:00	7	51			8	65				
5:15	6	46			10	42				
5:30	13	50			9	32				
5:45	18	47	43	194	13	38	40	176	83	369
6:00	25	43			9	35				
6:15	20	33			10	21				
6:30	9	33			19	17				
6:45	21	37	74	146	17	13	55	85	128	231
7:00	28	27			23	12				
7:15	26	22			25	21				
7:30	23	20			32	13				
7:45	51	14	127	83	35	9	115	55	241	137
8:00	55	16			34	8				
8:15	59	14			43	10				
8:30	50	15			41	9				
8:45	59	9	223	54	51	9	168	35	391	88
9:00	54	7			43	5				
9:15	45	6			22	5				
9:30	40	9			42	7				
9:45	36	4	174	25	39	5	146	20	320	45
10:00	35	11			24	15				
10:15	27	9			31	8				
10:30	40	4			26	5				
10:45	37	9	139	32	35	10	116	37	254	68
11:00	34	10			31	10				
11:15	45	6			28	6				
11:30	50	9			34	4				
11:45	56	6	184	31	34	2	126	22	310	52
Totals	1009	1621			817	1191				
Combined Totals		2630				2008				
ADT										4637
AM Peak Hour	800	AM			815	AM				
Volume	223				178					
P.H.F.	0.943				0.870					
PM Peak Hour		345	PM			415	PM			
Volume		345				240				
P.H.F.		0.874				0.930				
Percentage	38.4%	61.6%			40.7%	59.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

County of Orange
Laguna Canyon Road
N/ State Route 73 Northbound Ramps
24 Hour Directional Volume Count

ORC073
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		28	250			23	249				
12:15		26	265			23	272				
12:30		32	293			21	291				
12:45		12	264	98	1072	15	280	82	1092	180	2164
01:00		18	283			15	265				
01:15		17	273			12	277				
01:30		24	381			12	256				
01:45		14	345	73	1282	13	268	52	1066	125	2348
02:00		8	353			21	255				
02:15		12	311			13	282				
02:30		13	344			16	321				
02:45		11	367	44	1375	13	390	63	1248	107	2623
03:00		14	358			14	393				
03:15		16	402			8	453				
03:30		17	432			24	383				
03:45		14	416	61	1608	26	448	72	1677	133	3285
04:00		29	460			26	453				
04:15		21	459			29	513				
04:30		43	450			33	507				
04:45		53	**490**	146	1859	72	498	160	1971	306	3830
05:00		71	**464**			67	**534**				
05:15		82	**495**			92	**586**				
05:30		141	**490**			119	**586**				
05:45		140	432	434	1881	169	**546**	447	2252	881	4133
06:00		178	353			159	443				
06:15		192	371			226	418				
06:30		282	288			290	358				
06:45		308	230	960	1242	284	306	959	1525	1919	2767
07:00		365	210			337	298				
07:15		474	236			360	243				
07:30		**544**	174			386	215				
07:45		**562**	151	1945	771	412	177	1495	933	3440	1704
08:00		**477**	168			**401**	189				
08:15		**608**	192			**455**	192				
08:30		510	169			**421**	167				
08:45		497	118	2092	647	**502**	171	1779	719	3871	1366
09:00		413	133			393	157				
09:15		426	127			386	162				
09:30		367	125			353	148				
09:45		317	113	1523	498	367	127	1499	594	3022	1092
10:00		288	99			263	112				
10:15		296	86			250	96				
10:30		304	72			229	72				
10:45		255	55	1143	312	239	62	981	342	2124	654
11:00		253	57			212	42				
11:15		276	55			231	69				
11:30		297	43			256	32				
11:45		281	30	1107	185	234	40	933	183	2040	368
Total		9626	12732	9626	12732	8522	13602	8522	13602	18148	26334
Combined Total		22358		22358		22124		22124		44482	
AM Peak	-	07:30	-	-	-	08:00	-	-	-	-	-
Vol.	-	2191	-	-	-	1779	-	-	-	-	-
P.H.F.		0.901				0.886					
PM Peak	-	-	04:45	-	-	-	05:00	-	-	-	-
Vol.	-	-	1939	-	-	-	2252	-	-	-	-
P.H.F.			0.979				0.961				
Percentage		43.1%	56.9%			38.5%	61.5%				
ADT/AADT		ADT 44,482		AADT 44,482							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Pasteur - Alton Parkway

File Name 252
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	109			6	67				
12:15	3	94			2	52				
12:30	2	96			2	60				
12:45	6	67	21	366	3	60	13	239	34	605
1:00	2	63			0	48				
1:15	1	57			3	53				
1:30	0	99			3	49				
1:45	1	80	4	299	1	37	7	187	11	486
2:00	0	81			1	43				
2:15	2	76			0	57				
2:30	3	106			1	45				
2:45	3	66	8	329	1	51	3	196	11	525
3:00	0	83			1	45				
3:15	1	100			0	41				
3:30	0	145			1	40				
3:45	2	118	3	446	2	71	4	197	7	643
4:00	3	116			1	59				
4:15	0	140			1	71				
4:30	6	180			1	47				
4:45	3	122	12	558	5	71	8	248	20	806
5:00	6	175			7	74				
5:15	2	159			8	83				
5:30	7	168			12	75				
5:45	13	129	28	631	25	85	52	317	80	948
6:00	18	94			14	68				
6:15	13	64			16	70				
6:30	13	44			39	44				
6:45	30	54	74	256	52	48	121	230	195	486
7:00	27	33			37	37				
7:15	31	31			37	26				
7:30	56	29			37	29				
7:45	111	20	225	113	70	20	181	112	406	225
8:00	116	21			57	17				
8:15	138	16			70	16				
8:30	114	18			66	18				
8:45	129	19	497	74	66	17	259	68	756	142
9:00	109	22			60	12				
9:15	89	18			46	11				
9:30	70	16			49	10				
9:45	76	7	344	63	36	11	191	44	535	107
10:00	89	13			41	6				
10:15	45	4			44	5				
10:30	70	16			31	4				
10:45	50	11	254	44	46	5	162	20	416	64
11:00	44	15			40	4				
11:15	59	2			47	2				
11:30	91	33			37	6				
11:45	82	4	276	54	42	4	166	16	442	70
Totals	1746	3233			1167	1874				
Combined Totals		4979				3041				
ADT										8020
AM Peak Hour	800	AM			745	AM				
Volume	497				263					
P.H.F.	0.900				0.939					
PM Peak Hour		430	PM			500	PM			
Volume		636				317				
P.H.F.		0.883				0.932				
Percentage	35.1%	64.9%			38.4%	61.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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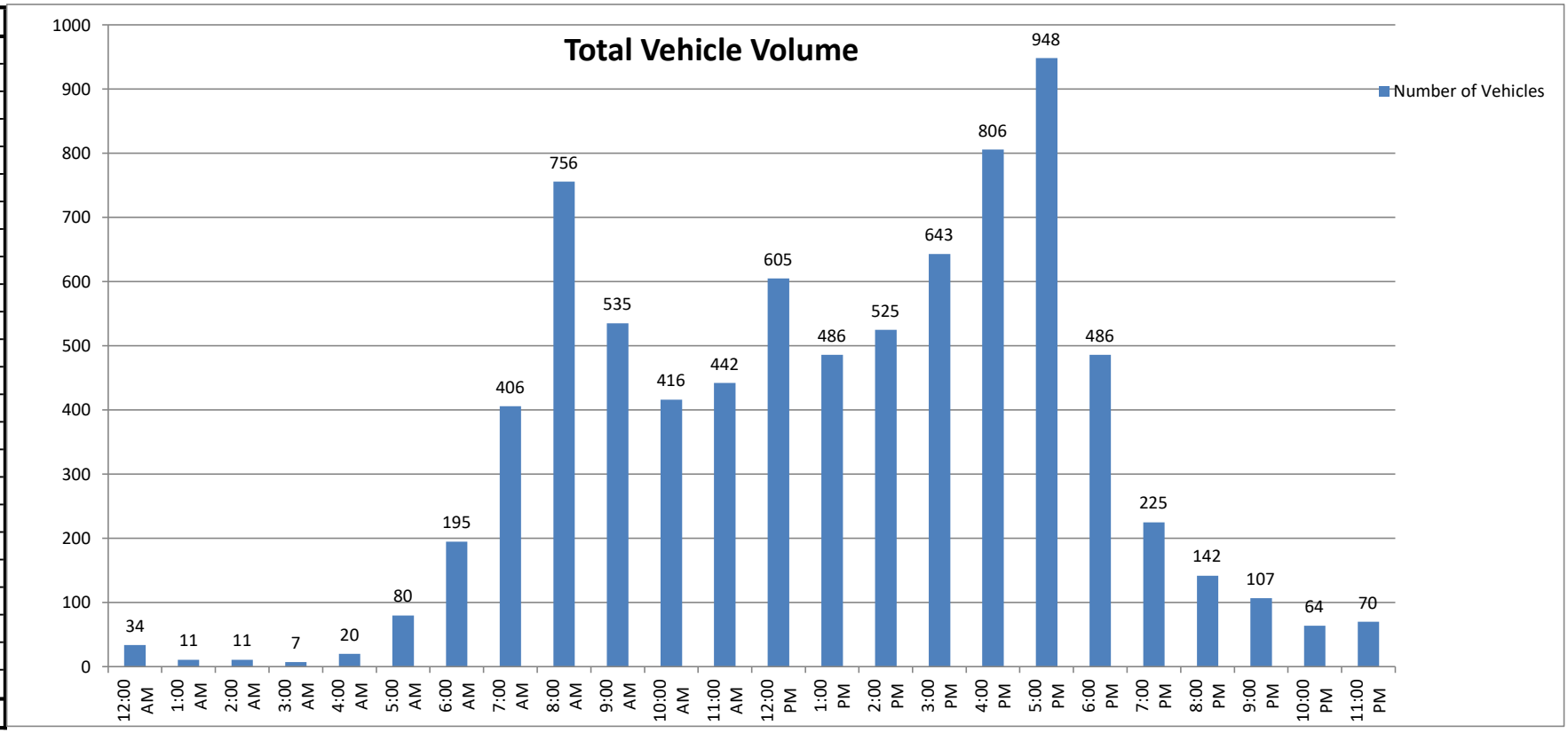
24 Hour Volume Plot

Laguna Canyon Road
B/ Pasteur - Alton Parkway

12/12/2023

Start Time	#########
12:00 AM	34
1:00 AM	11
2:00 AM	11
3:00 AM	7
4:00 AM	20
5:00 AM	80
6:00 AM	195
7:00 AM	406
8:00 AM	756
9:00 AM	535
10:00 AM	416
11:00 AM	442
12:00 PM	605
1:00 PM	486
2:00 PM	525
3:00 PM	643
4:00 PM	806
5:00 PM	948
6:00 PM	486
7:00 PM	225
8:00 PM	142
9:00 PM	107
10:00 PM	64
11:00 PM	70
Total	8020



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Laguna Canyon Road
B/ Pasteur - Alton Parkway

File Name 252
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	91			3	53				
12:15	1	111			3	44				
12:30	3	104			4	50				
12:45	1	71	13	377	4	68	14	215	27	592
1:00	2	74			0	58				
1:15	0	83			1	59				
1:30	2	90			2	60				
1:45	2	85	6	332	1	42	4	219	10	551
2:00	0	121			0	35				
2:15	1	80			1	44				
2:30	0	93			1	52				
2:45	1	112	2	406	1	55	3	186	5	592
3:00	1	140			0	53				
3:15	0	91			0	56				
3:30	1	155			0	42				
3:45	3	99	5	485	1	50	1	201	6	686
4:00	0	116			0	54				
4:15	0	106			1	55				
4:30	0	136			5	56				
4:45	4	124	4	482	5	68	11	233	15	715
5:00	9	199			6	67				
5:15	3	144			10	71				
5:30	11	144			18	74				
5:45	12	125	35	612	21	84	55	296	90	908
6:00	16	60			12	68				
6:15	16	60			14	59				
6:30	16	59			39	39				
6:45	21	49	69	228	37	40	102	206	171	434
7:00	26	33			35	34				
7:15	24	34			44	35				
7:30	58	22			41	31				
7:45	133	48	241	137	74	27	194	127	435	264
8:00	116	19			74	22				
8:15	140	18			82	13				
8:30	108	7			65	12				
8:45	112	10	476	54	72	14	293	61	769	115
9:00	99	9			68	7				
9:15	92	12			35	20				
9:30	87	8			47	7				
9:45	102	4	380	33	58	12	208	46	588	79
10:00	70	15			45	14				
10:15	79	8			45	11				
10:30	67	19			47	9				
10:45	69	15	285	57	35	2	172	36	457	93
11:00	57	7			48	4				
11:15	55	6			41	4				
11:30	98	26			47	3				
11:45	122	17	332	56	47	3	183	14	515	70
Totals	1848	3259			1240	1840				
Combined Totals		5107				3080				
ADT										8187
AM Peak Hour	745	AM			745	AM				
Volume	497				295					
P.H.F.	0.888				0.899					
PM Peak Hour		500	PM			515	PM			
Volume		612				297				
P.H.F.		0.769				0.884				
Percentage	36.2%	63.8%			40.3%	59.7%				

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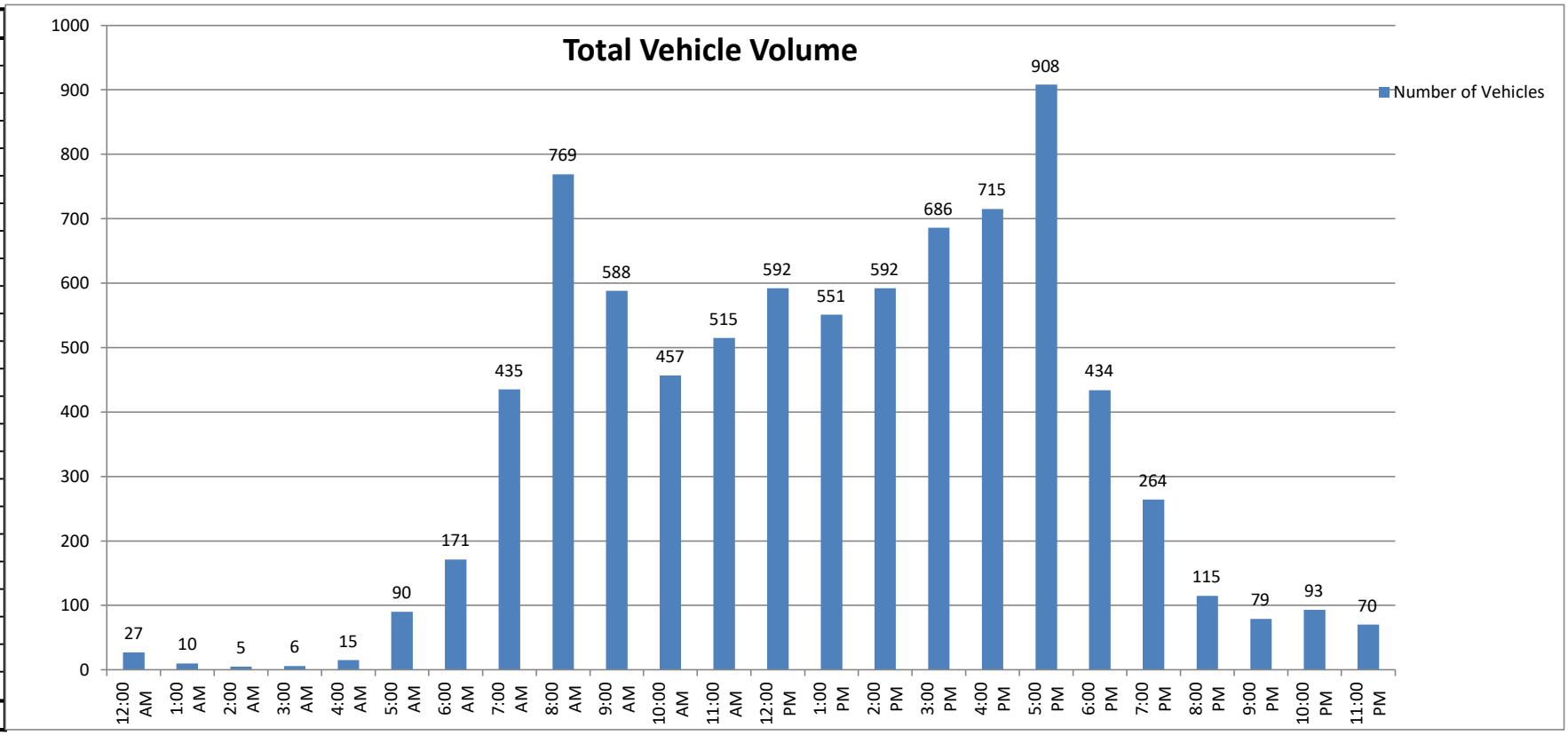
24 Hour Volume Plot

Laguna Canyon Road
B/ Pasteur - Alton Parkway

12/13/2023

Start Time	#########
12:00 AM	27
1:00 AM	10
2:00 AM	5
3:00 AM	6
4:00 AM	15
5:00 AM	90
6:00 AM	171
7:00 AM	435
8:00 AM	769
9:00 AM	588
10:00 AM	457
11:00 AM	515
12:00 PM	592
1:00 PM	551
2:00 PM	592
3:00 PM	686
4:00 PM	715
5:00 PM	908
6:00 PM	434
7:00 PM	264
8:00 PM	115
9:00 PM	79
10:00 PM	93
11:00 PM	70
Total	8187



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Pasteur - Alton Parkway

File Name 252
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	100			5	60				
12:15	2	103			3	48				
12:30	3	100			3	55				
12:45	4	69	17	372	4	64	14	227	31	599
1:00	2	69			0	53				
1:15	1	70			2	56				
1:30	1	95			3	55				
1:45	2	83	5	316	1	40	6	203	11	519
2:00	0	101			1	39				
2:15	2	78			1	51				
2:30	2	100			1	49				
2:45	2	89	5	368	1	53	3	191	8	559
3:00	1	112			1	49				
3:15	1	96			0	49				
3:30	1	150			1	41				
3:45	3	109	4	466	2	61	3	199	7	665
4:00	2	116			1	57				
4:15	0	123			1	63				
4:30	3	158			3	52				
4:45	4	123	8	520	5	70	10	241	18	761
5:00	8	187			7	71				
5:15	3	152			9	77				
5:30	9	156			15	75				
5:45	13	127	32	622	23	85	54	307	85	928
6:00	17	77			13	68				
6:15	15	62			15	65				
6:30	15	52			39	42				
6:45	26	52	72	242	45	44	112	218	183	460
7:00	27	33			36	36				
7:15	28	33			41	31				
7:30	57	26			39	30				
7:45	122	34	233	125	72	24	188	120	421	245
8:00	116	20			66	20				
8:15	139	17			76	15				
8:30	111	13			66	15				
8:45	121	15	487	64	69	16	276	65	763	129
9:00	104	16			64	10				
9:15	91	15			41	16				
9:30	79	12			48	9				
9:45	89	6	362	48	47	12	200	45	562	93
10:00	80	14			43	10				
10:15	62	6			45	8				
10:30	69	18			39	7				
10:45	60	13	270	51	41	4	167	28	437	79
11:00	51	11			44	4				
11:15	57	4			44	3				
11:30	95	30			42	5				
11:45	102	11	304	55	45	4	175	15	479	70
Totals	1797	3246			1204	1857				
Combined Totals		5043				3061				
ADT										8104
AM Peak Hour	745 AM				745 AM					
Volume	488				279					
P.H.F.	0.878				0.918					
PM Peak Hour		500 PM				500 PM				
Volume		622				307				
P.H.F.		0.831				0.907				
Percentage	35.6%	64.4%			39.3%	60.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Quail Hill Parkway - Interstate 405

File Name 250
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	42			5	65				
12:15	1	46			3	42				
12:30	3	42			2	57				
12:45	2	41	9	171	3	57	13	221	22	392
1:00	0	37			0	43				
1:15	1	26			1	45				
1:30	1	30			2	43				
1:45	1	43	3	136	1	46	4	177	7	313
2:00	0	29			1	50				
2:15	1	28			1	44				
2:30	2	38			2	50				
2:45	1	36	4	131	0	54	4	198	8	329
3:00	0	40			0	54				
3:15	1	34			3	51				
3:30	0	35			1	66				
3:45	1	44	2	153	1	84	5	255	7	408
4:00	0	42			0	71				
4:15	1	57			0	98				
4:30	2	46			2	94				
4:45	3	50	6	195	5	98	7	361	13	556
5:00	3	69			5	99				
5:15	2	64			2	119				
5:30	5	73			2	104				
5:45	13	51	23	257	3	86	12	408	35	665
6:00	12	42			8	73				
6:15	11	32			4	73				
6:30	20	27			6	54				
6:45	28	25	71	126	12	45	30	245	101	371
7:00	27	22			22	42				
7:15	30	19			17	31				
7:30	58	13			16	37				
7:45	110	10	225	64	28	18	83	128	308	192
8:00	102	15			40	24				
8:15	128	9			37	20				
8:30	107	9			43	17				
8:45	120	9	457	42	53	22	173	83	630	125
9:00	88	10			42	13				
9:15	73	14			29	10				
9:30	66	4			41	9				
9:45	69	8	296	36	31	9	143	41	439	77
10:00	54	5			36	8				
10:15	48	5			28	5				
10:30	40	2			27	4				
10:45	38	7	180	19	39	3	130	20	310	39
11:00	30	4			48	4				
11:15	28	1			38	3				
11:30	50	2			35	7				
11:45	31	0	139	7	50	3	171	17	310	24
Totals	1415	1337			775	2154				
Combined Totals		2752				2929				
ADT										5681
AM Peak Hour	800	AM			815	AM				
Volume	457				175					
P.H.F.	0.893				0.825					
PM Peak Hour		500	PM			445	PM			
Volume		257				420				
P.H.F.		0.880				0.882				
Percentage	51.4%	48.6%			26.5%	73.5%				

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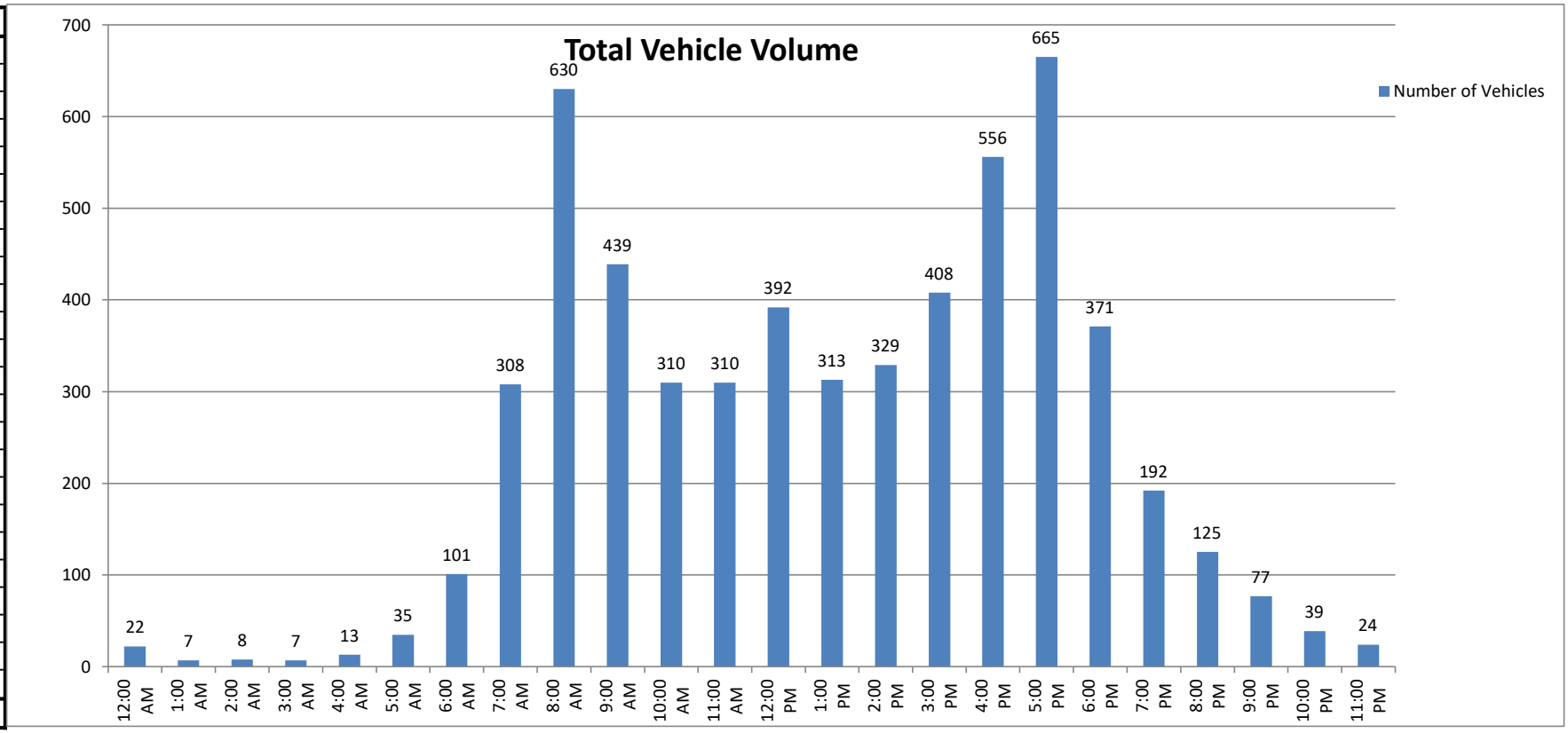
24 Hour Volume Plot

Laguna Canyon Road
B/ Quail Hill Parkway - Interstate 405

12/12/2023

Start Time	#########
12:00 AM	22
1:00 AM	7
2:00 AM	8
3:00 AM	7
4:00 AM	13
5:00 AM	35
6:00 AM	101
7:00 AM	308
8:00 AM	630
9:00 AM	439
10:00 AM	310
11:00 AM	310
12:00 PM	392
1:00 PM	313
2:00 PM	329
3:00 PM	408
4:00 PM	556
5:00 PM	665
6:00 PM	371
7:00 PM	192
8:00 PM	125
9:00 PM	77
10:00 PM	39
11:00 PM	24
Total	5681



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Laguna Canyon Road
B/ Quail Hill Parkway - Interstate 405

File Name 250
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	39			2	59				
12:15	0	43			3	40				
12:30	2	41			2	47				
12:45	0	40	5	163	4	56	11	202	16	365
1:00	3	35			2	56				
1:15	1	44			1	52				
1:30	2	55			0	57				
1:45	0	41	6	175	1	38	4	203	10	378
2:00	1	46			1	46				
2:15	0	34			1	47				
2:30	0	36			2	61				
2:45	0	31	1	147	1	51	5	205	6	352
3:00	0	35			0	69				
3:15	0	36			1	55				
3:30	1	28			0	71				
3:45	2	36	3	135	2	38	3	233	6	368
4:00	0	47			0	80				
4:15	0	53			0	79				
4:30	4	57			6	81				
4:45	5	53	9	210	3	77	9	317	18	527
5:00	3	75			4	97				
5:15	3	63			4	95				
5:30	10	89			2	75				
5:45	6	59	22	286	4	87	14	354	36	640
6:00	12	37			3	72				
6:15	15	34			4	59				
6:30	16	29			11	48				
6:45	24	19	67	119	10	39	28	218	95	337
7:00	25	21			20	38				
7:15	34	16			20	39				
7:30	58	20			24	36				
7:45	111	18	228	75	32	32	96	145	324	220
8:00	98	10			44	28				
8:15	119	14			45	17				
8:30	97	6			42	15				
8:45	100	9	414	39	32	18	163	78	577	117
9:00	79	11			32	7				
9:15	72	11			30	21				
9:30	54	7			39	9				
9:45	77	7	282	36	37	12	138	49	420	85
10:00	51	6			33	8				
10:15	46	4			26	11				
10:30	44	4			44	7				
10:45	37	4	178	18	38	3	141	29	319	47
11:00	25	2			39	5				
11:15	34	2			46	1				
11:30	45	2			54	3				
11:45	39	1	143	7	44	1	183	10	326	17
Totals	1358	1410			795	2043				
Combined Totals		2768				2838				
ADT										5606
AM Peak Hour	745	AM			1100	AM				
Volume	425				183					
P.H.F.	0.893				0.847					
PM Peak Hour		500	PM			500	PM			
Volume		286				354				
P.H.F.		0.803				0.912				
Percentage	49.1%	50.9%			28.0%	72.0%				

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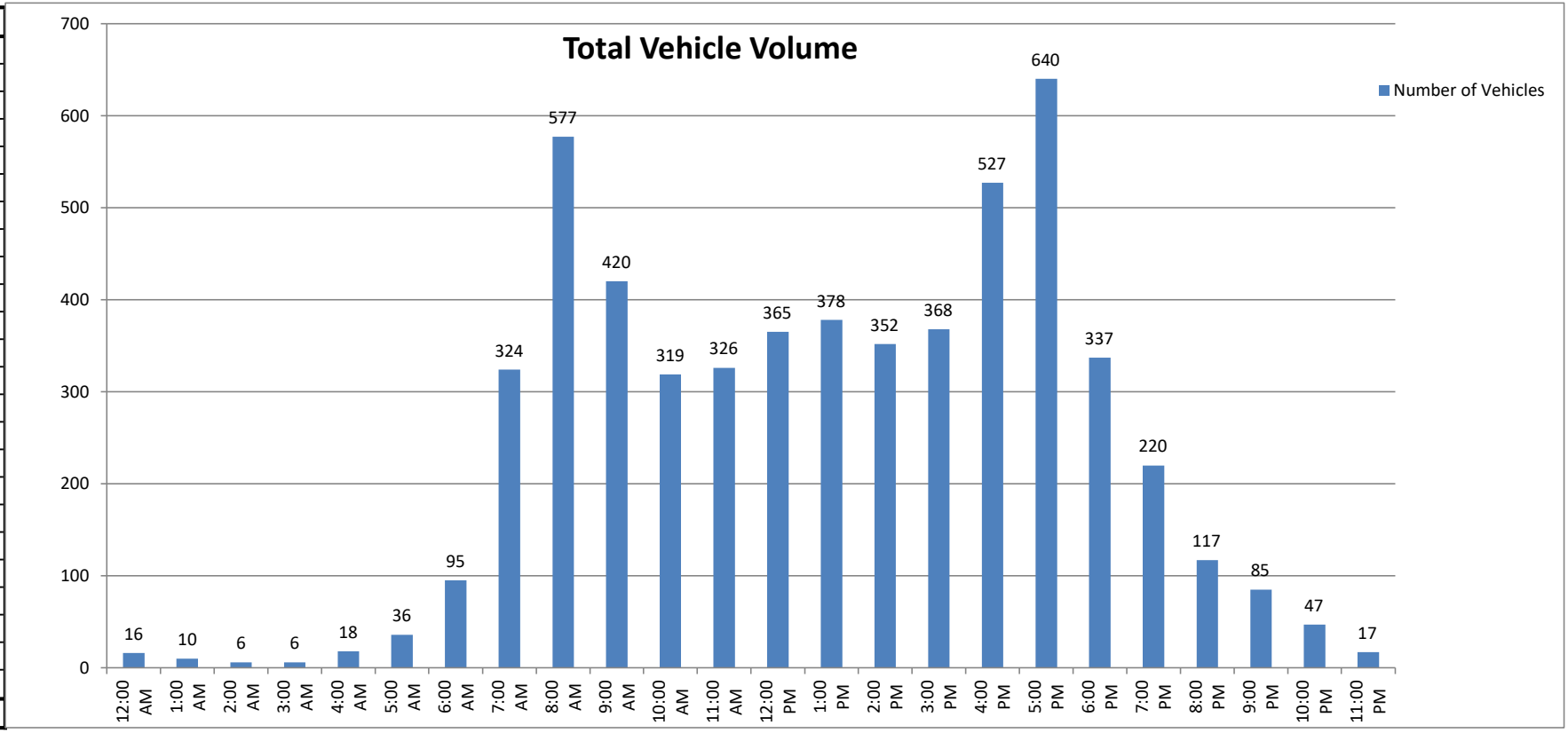
24 Hour Volume Plot

Laguna Canyon Road
B/ Quail Hill Parkway - Interstate 405

12/13/2023

Start Time	#########
12:00 AM	16
1:00 AM	10
2:00 AM	6
3:00 AM	6
4:00 AM	18
5:00 AM	36
6:00 AM	95
7:00 AM	324
8:00 AM	577
9:00 AM	420
10:00 AM	319
11:00 AM	326
12:00 PM	365
1:00 PM	378
2:00 PM	352
3:00 PM	368
4:00 PM	527
5:00 PM	640
6:00 PM	337
7:00 PM	220
8:00 PM	117
9:00 PM	85
10:00 PM	47
11:00 PM	17
Total	5606



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Quail Hill Parkway - Interstate 405

File Name 250
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	41			4	62				
12:15	1	45			3	41				
12:30	3	42			2	52				
12:45	1	41	7	167	4	57	12	212	19	379
1:00	2	36			1	50				
1:15	1	35			1	49				
1:30	2	43			1	50				
1:45	1	42	5	156	1	42	4	190	9	346
2:00	1	38			1	48				
2:15	1	31			1	46				
2:30	1	37			2	56				
2:45	1	34	3	139	1	53	5	202	7	341
3:00	0	38			0	62				
3:15	1	35			2	53				
3:30	1	32			1	69				
3:45	2	40	3	144	2	61	4	244	7	388
4:00	0	45			0	76				
4:15	1	55			0	89				
4:30	3	52			4	88				
4:45	4	52	8	203	4	88	8	339	16	542
5:00	3	72			5	98				
5:15	3	64			3	107				
5:30	8	81			2	90				
5:45	10	55	23	272	4	87	13	381	36	653
6:00	12	40			6	73				
6:15	13	33			4	66				
6:30	18	28			9	51				
6:45	26	22	69	123	11	42	29	232	98	354
7:00	26	22			21	40				
7:15	32	18			19	35				
7:30	58	17			20	37				
7:45	111	14	227	70	30	25	90	137	316	206
8:00	100	13			42	26				
8:15	124	12			41	19				
8:30	102	8			43	16				
8:45	110	9	436	41	43	20	168	81	604	121
9:00	84	11			37	10				
9:15	73	13			30	16				
9:30	60	6			40	9				
9:45	73	8	289	36	34	11	141	45	430	81
10:00	53	6			35	8				
10:15	47	5			27	8				
10:30	42	3			36	6				
10:45	38	6	179	19	39	3	136	25	315	43
11:00	28	3			44	5				
11:15	31	2			42	2				
11:30	48	2			45	5				
11:45	35	1	141	7	47	2	177	14	318	21
Totals	1387	1374			785	2099				
Combined Totals		2760				2884				
ADT										5644
AM Peak Hour	745	AM			1100	AM				
Volume	436				177					
P.H.F.	0.883				0.941					
PM Peak Hour		500	PM			445	PM			
Volume		272				382				
P.H.F.		0.838				0.893				
Percentage	50.2%	49.8%			27.2%	72.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Beach
Laguna Canyon Road
S/ State Route 133
24 Hour Directional Volume Count

LBH074
Site Code: 051-24139

Start	5/14/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		35	362			36	299				
12:15		35	345			24	299				
12:30		53	353			20	288				
12:45		24	322	147	1382	20	295	100	1181	247	2563
01:00		14	408			20	269				
01:15		17	378			15	310				
01:30		15	421			15	295				
01:45		16	466	62	1673	12	304	62	1178	124	2851
02:00		15	451			14	300				
02:15		14	470			18	370				
02:30		14	550			14	389				
02:45		15	499	58	1970	21	451	67	1510	125	3480
03:00		9	457			11	400				
03:15		13	586			10	450				
03:30		20	526			21	476				
03:45		15	609	57	2178	23	453	65	1779	122	3957
04:00		25	573			32	500				
04:15		33	559			40	527				
04:30		61	541			58	**576**				
04:45		62	**661**	181	2334	89	**501**	219	2104	400	4438
05:00		91	**734**			93	**591**				
05:15		109	**762**			124	**599**				
05:30		150	**708**			170	506				
05:45		164	527	514	2731	178	497	565	2193	1079	4924
06:00		207	472			185	493				
06:15		244	463			297	449				
06:30		323	393			367	385				
06:45		368	394	1142	1722	342	315	1191	1642	2333	3364
07:00		428	323			382	303				
07:15		557	285			373	286				
07:30		**678**	279			395	266				
07:45		**721**	274	2384	1161	411	248	1561	1103	3945	2264
08:00		**630**	252			367	240				
08:15		**639**	236			**481**	210				
08:30		604	232			**422**	210				
08:45		596	223	2469	943	**458**	206	1728	866	4197	1809
09:00		468	223			**372**	167				
09:15		508	183			325	161				
09:30		477	180			328	151				
09:45		452	144	1905	730	322	113	1347	592	3252	1322
10:00		373	140			282	148				
10:15		369	128			272	111				
10:30		390	97			260	100				
10:45		331	62	1463	427	268	82	1082	441	2545	868
11:00		381	55			273	76				
11:15		348	69			280	73				
11:30		332	62			253	61				
11:45		360	48	1421	234	295	56	1101	266	2522	500
Total		11803	17485	11803	17485	9088	14855	9088	14855	20891	32340
Combined Total		29288		29288		23943		23943		53231	
AM Peak	-	07:30	-	-	-	08:15	-	-	-	-	-
Vol.	-	2668	-	-	-	1733	-	-	-	-	-
P.H.F.		0.925				0.901					
PM Peak	-	-	04:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	2865	-	-	-	2267	-	-	-	-
P.H.F.			0.940				0.946				
Percentage		40.3%	59.7%			38.0%	62.0%				
ADT/AADT		ADT 53,231		AADT 53,231							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ State Route 133 - Quail Hill Parkway

File Name 249
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	80			6	82				
12:15	2	64			2	74				
12:30	0	63			3	80				
12:45	4	78	15	285	5	92	16	328	31	613
1:00	0	83			1	72				
1:15	3	61			6	65				
1:30	3	74			0	69				
1:45	0	66	6	284	1	98	8	304	14	588
2:00	1	75			0	97				
2:15	1	74			0	84				
2:30	2	125			0	101				
2:45	0	142	4	416	1	67	1	349	5	765
3:00	2	99			2	87				
3:15	5	101			3	78				
3:30	2	119			1	82				
3:45	5	118	14	437	1	115	7	362	21	799
4:00	2	126			0	91				
4:15	1	128			4	110				
4:30	4	142			5	104				
4:45	5	150	12	546	3	136	12	441	24	987
5:00	6	166			3	170				
5:15	7	171			5	153				
5:30	15	152			12	155				
5:45	11	136	39	625	31	134	51	612	90	1237
6:00	23	128			22	111				
6:15	21	118			32	116				
6:30	26	77			30	72				
6:45	30	69	100	392	59	59	143	358	243	750
7:00	50	62			49	58				
7:15	59	55			64	48				
7:30	75	54			102	57				
7:45	79	37	263	208	258	45	473	208	736	416
8:00	139	32			300	46				
8:15	141	29			256	61				
8:30	103	26			220	35				
8:45	76	22	459	109	227	35	1003	177	1462	286
9:00	50	13			189	30				
9:15	60	16			131	27				
9:30	54	15			115	30				
9:45	63	15	227	59	122	23	557	110	784	169
10:00	88	13			96	20				
10:15	52	15			78	12				
10:30	50	7			59	11				
10:45	58	9	248	44	79	11	312	54	560	98
11:00	71	7			69	10				
11:15	75	2			66	6				
11:30	79	10			75	8				
11:45	67	4	292	23	63	7	273	31	565	54
Totals	1679	3428			2856	3334				
Combined Totals		5107				6190				
ADT										11297
AM Peak Hour	745	AM			745	AM				
Volume	462				1034					
P.H.F.	0.819				0.862					
PM Peak Hour		445	PM			445	PM			
Volume		639				614				
P.H.F.		0.934				0.903				
Percentage	32.9%	67.1%			46.1%	53.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

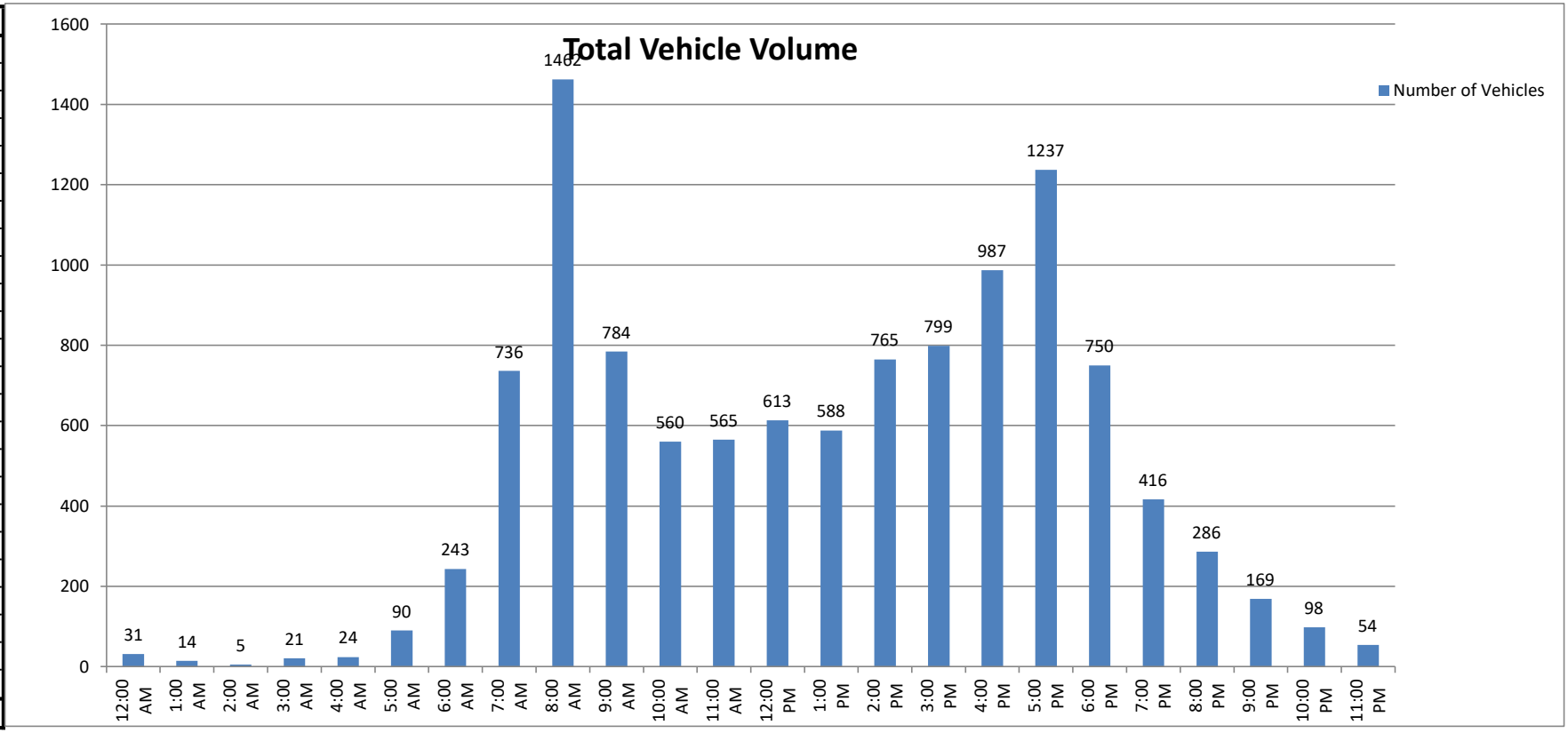
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ State Route 133 - Quail Hill Parkway

12/12/2023

Start Time	#########
12:00 AM	31
1:00 AM	14
2:00 AM	5
3:00 AM	21
4:00 AM	24
5:00 AM	90
6:00 AM	243
7:00 AM	736
8:00 AM	1462
9:00 AM	784
10:00 AM	560
11:00 AM	565
12:00 PM	613
1:00 PM	588
2:00 PM	765
3:00 PM	799
4:00 PM	987
5:00 PM	1237
6:00 PM	750
7:00 PM	416
8:00 PM	286
9:00 PM	169
10:00 PM	98
11:00 PM	54
Total	11297



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ State Route 133 - Quail Hill Parkway

File Name 249
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	95			8	72				
12:15	4	74			5	70				
12:30	0	69			2	81				
12:45	2	73	13	311	5	104	20	327	33	638
1:00	3	77			3	121				
1:15	1	59			4	121				
1:30	3	121			1	126				
1:45	1	128	8	385	1	73	9	441	17	826
2:00	1	92			3	89				
2:15	1	86			0	68				
2:30	2	105			0	70				
2:45	0	79	4	362	1	72	4	299	8	661
3:00	3	105			3	74				
3:15	3	103			1	97				
3:30	2	111			5	81				
3:45	1	119	9	438	0	98	9	350	18	788
4:00	3	151			0	134				
4:15	1	128			0	110				
4:30	5	131			3	141				
4:45	5	130	14	540	8	128	11	513	25	1053
5:00	7	160			4	153				
5:15	11	165			5	142				
5:30	14	145			12	181				
5:45	19	137	51	607	21	139	42	615	93	1222
6:00	16	119			16	138				
6:15	16	82			30	98				
6:30	24	78			28	68				
6:45	35	60	91	339	40	70	114	374	205	713
7:00	53	57			63	57				
7:15	65	54			72	52				
7:30	72	44			94	56				
7:45	59	48	249	203	246	42	475	207	724	410
8:00	129	41			269	48				
8:15	144	28			214	55				
8:30	99	24			198	43				
8:45	87	17	459	110	188	45	869	191	1328	301
9:00	50	23			158	34				
9:15	53	20			135	44				
9:30	75	21			113	47				
9:45	56	25	234	89	138	25	544	150	778	239
10:00	60	18			77	24				
10:15	72	8			71	21				
10:30	70	5			69	11				
10:45	61	4	263	35	63	10	280	66	543	101
11:00	60	6			82	9				
11:15	85	7			73	5				
11:30	71	7			55	7				
11:45	89	3	305	23	79	8	289	29	594	52
Totals	1700	3442			2666	3562				
Combined Totals		5142				6228				
ADT										11370
AM Peak Hour	800	AM			745	AM				
Volume	459				927					
P.H.F.	0.797				0.862					
PM Peak Hour		500	PM			500	PM			
Volume		607				615				
P.H.F.		0.920				0.849				
Percentage	33.1%	66.9%			42.8%	57.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

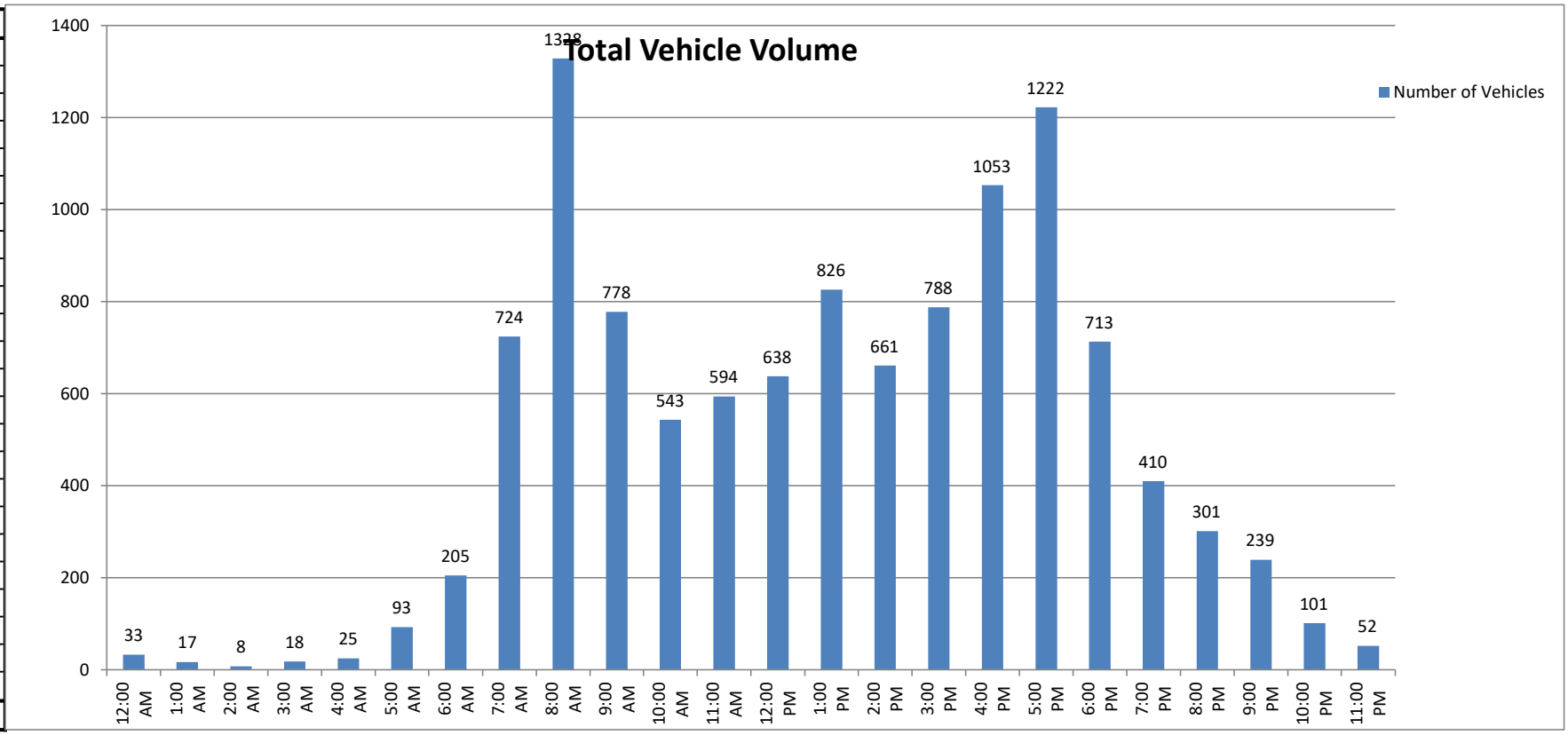
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ State Route 133 - Quail Hill Parkway

12/13/2023

Start Time	#########
12:00 AM	33
1:00 AM	17
2:00 AM	8
3:00 AM	18
4:00 AM	25
5:00 AM	93
6:00 AM	205
7:00 AM	724
8:00 AM	1328
9:00 AM	778
10:00 AM	543
11:00 AM	594
12:00 PM	638
1:00 PM	826
2:00 PM	661
3:00 PM	788
4:00 PM	1053
5:00 PM	1222
6:00 PM	713
7:00 PM	410
8:00 PM	301
9:00 PM	239
10:00 PM	101
11:00 PM	52
Total	11370



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ State Route 133 - Quail Hill Parkway

File Name 249
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	88			7	77				
12:15	3	69			4	72				
12:30	0	66			3	81				
12:45	3	76	14	298	5	98	18	328	32	626
1:00	2	80			2	97				
1:15	2	60			5	93				
1:30	3	98			1	98				
1:45	1	97	7	335	1	86	9	373	16	707
2:00	1	84			2	93				
2:15	1	80			0	76				
2:30	2	115			0	86				
2:45	0	111	4	389	1	70	3	324	7	713
3:00	3	102			3	81				
3:15	4	102			2	88				
3:30	2	115			3	82				
3:45	3	119	12	438	1	107	8	356	20	794
4:00	3	139			0	113				
4:15	1	128			2	110				
4:30	5	137			4	123				
4:45	5	140	13	543	6	132	12	477	25	1020
5:00	7	163			4	162				
5:15	9	168			5	148				
5:30	15	149			12	168				
5:45	15	137	45	616	26	137	47	614	92	1230
6:00	20	124			19	125				
6:15	19	100			31	107				
6:30	25	78			29	70				
6:45	33	65	96	366	50	65	129	366	224	732
7:00	52	60			56	58				
7:15	62	55			68	50				
7:30	74	49			98	57				
7:45	69	43	256	206	252	44	474	208	730	413
8:00	134	37			285	47				
8:15	143	29			235	58				
8:30	101	25			209	39				
8:45	82	20	459	110	208	40	936	184	1395	294
9:00	50	18			174	32				
9:15	57	18			133	36				
9:30	65	18			114	39				
9:45	60	20	231	74	130	24	551	130	781	204
10:00	74	16			87	22				
10:15	62	12			75	17				
10:30	60	6			64	11				
10:45	60	7	256	40	71	11	296	60	552	100
11:00	66	7			76	10				
11:15	80	5			70	6				
11:30	75	9			65	8				
11:45	78	4	299	23	71	8	281	30	580	53
Totals	1690	3435			2761	3448				
Combined Totals		5125				6209				
ADT										11334
AM Peak Hour	800	AM			745	AM				
Volume	459				981					
P.H.F.	0.805				0.862					
PM Peak Hour		445	PM			500	PM			
Volume		620				614				
P.H.F.		0.922				0.913				
Percentage	33.0%	67.0%			44.5%	55.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Waterworks Way - Irvine Center Drive

File Name 255
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/12/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	56			2	33				
12:15	2	38			1	51				
12:30	5	39			1	38				
12:45	1	43	11	176	1	54	5	176	16	352
1:00	2	38			0	42				
1:15	0	50			0	41				
1:30	0	43			0	53				
1:45	3	40	5	171	0	54	0	190	5	361
2:00	0	51			1	47				
2:15	1	50			0	51				
2:30	1	39			1	41				
2:45	0	42	2	182	0	45	2	184	4	366
3:00	0	53			2	56				
3:15	1	39			0	31				
3:30	0	60			0	49				
3:45	4	59	5	211	4	39	6	175	11	386
4:00	1	53			2	39				
4:15	6	36			5	33				
4:30	2	62			4	28				
4:45	1	42	10	193	4	44	15	144	25	337
5:00	1	69			11	45				
5:15	10	55			21	30				
5:30	17	60			18	20				
5:45	22	63	50	247	15	37	65	132	115	379
6:00	34	80			13	20				
6:15	32	69			8	15				
6:30	12	29			19	13				
6:45	11	20	89	198	22	15	62	63	151	261
7:00	13	26			9	13				
7:15	10	16			18	2				
7:30	22	13			22	7				
7:45	30	13	75	68	57	3	106	25	181	93
8:00	22	9			57	4				
8:15	27	6			47	4				
8:30	24	10			52	8				
8:45	41	5	114	30	62	4	218	20	332	50
9:00	40	4			67	6				
9:15	34	6			58	6				
9:30	39	9			55	4				
9:45	36	5	149	24	56	3	236	19	385	43
10:00	37	7			46	3				
10:15	43	2			35	1				
10:30	45	9			54	2				
10:45	52	2	177	20	45	1	180	7	357	27
11:00	47	7			40	0				
11:15	53	1			44	1				
11:30	47	1			36	2				
11:45	60	1	207	10	42	2	162	5	369	15
Totals	894	1530			1057	1140				
Combined Totals		2424				2197				
ADT										4621
AM Peak Hour	1100	AM			845	AM				
Volume	207				242					
P.H.F.	0.863				0.903					
PM Peak Hour		530	PM			130	PM			
Volume		272				205				
P.H.F.		0.850				0.949				
Percentage	36.9%	63.1%			48.1%	51.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

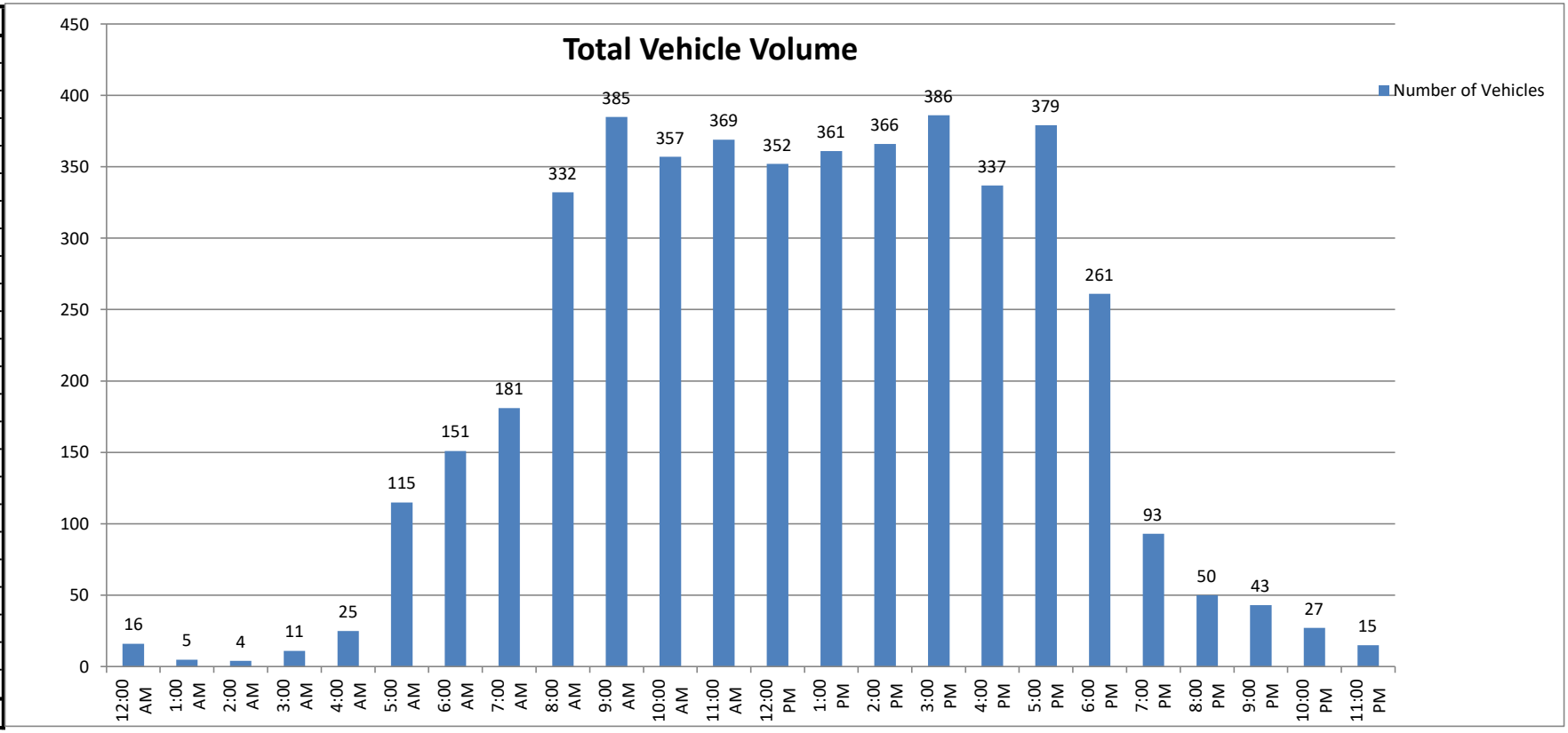
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Waterworks Way - Irvine Center Drive

12/12/2023

Start Time	#########
12:00 AM	16
1:00 AM	5
2:00 AM	4
3:00 AM	11
4:00 AM	25
5:00 AM	115
6:00 AM	151
7:00 AM	181
8:00 AM	332
9:00 AM	385
10:00 AM	357
11:00 AM	369
12:00 PM	352
1:00 PM	361
2:00 PM	366
3:00 PM	386
4:00 PM	337
5:00 PM	379
6:00 PM	261
7:00 PM	93
8:00 PM	50
9:00 PM	43
10:00 PM	27
11:00 PM	15
Total	4621



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Waterworks Way - Irvine Center Drive

File Name 255
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
12/13/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	52			0	40				
12:15	0	57			4	41				
12:30	1	46			0	42				
12:45	1	42	3	197	0	62	4	185	7	382
1:00	1	33			0	28				
1:15	3	35			3	56				
1:30	1	42			2	40				
1:45	2	50	7	160	0	42	5	166	12	326
2:00	2	51			0	33				
2:15	0	38			2	49				
2:30	0	46			0	37				
2:45	0	58	2	193	0	54	2	173	4	366
3:00	0	39			1	49				
3:15	0	48			2	46				
3:30	2	46			2	39				
3:45	5	55	7	188	8	45	13	179	20	367
4:00	0	66			1	45				
4:15	1	51			5	32				
4:30	1	57			6	38				
4:45	4	49	6	223	4	25	16	140	22	363
5:00	6	62			11	29				
5:15	3	50			9	29				
5:30	14	57			18	35				
5:45	25	76	48	245	22	22	60	115	108	360
6:00	32	83			18	27				
6:15	33	57			16	16				
6:30	17	20			15	13				
6:45	11	27	93	187	17	13	66	69	159	256
7:00	15	20			17	13				
7:15	22	10			21	9				
7:30	14	12			34	3				
7:45	25	12	76	54	50	9	122	34	198	88
8:00	24	15			45	3				
8:15	36	6			62	6				
8:30	25	6			67	5				
8:45	45	4	130	31	66	7	240	21	370	52
9:00	42	8			44	1				
9:15	27	10			59	6				
9:30	44	8			47	5				
9:45	43	4	156	30	65	5	215	17	371	47
10:00	41	6			56	5				
10:15	44	5			44	5				
10:30	41	2			33	2				
10:45	45	1	171	14	47	3	180	15	351	29
11:00	47	2			37	0				
11:15	38	2			38	0				
11:30	54	0			31	1				
11:45	37	1	176	5	33	0	139	1	315	6
Totals	875	1527			1062	1115				
Combined Totals		2402				2177				
ADT										4579
AM Peak Hour	1045	AM			800	AM				
Volume	184				240					
P.H.F.	0.852				0.896					
PM Peak Hour		530	PM			215	PM			
Volume		273				189				
P.H.F.		0.822				0.875				
Percentage	36.4%	63.6%			48.8%	51.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

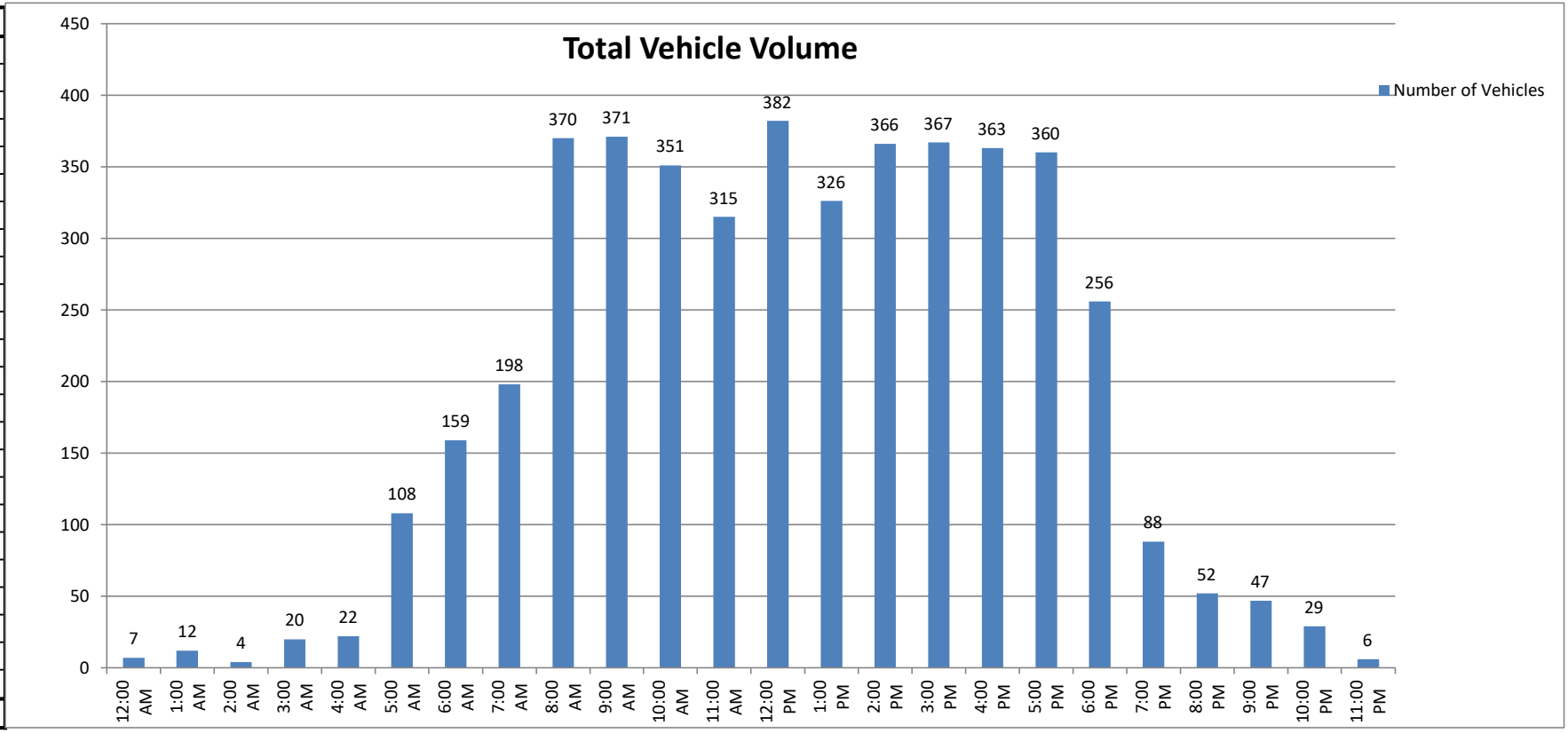
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Laguna Canyon Road
B/ Waterworks Way - Irvine Center Drive

12/13/2023

Start Time	#########
12:00 AM	7
1:00 AM	12
2:00 AM	4
3:00 AM	20
4:00 AM	22
5:00 AM	108
6:00 AM	159
7:00 AM	198
8:00 AM	370
9:00 AM	371
10:00 AM	351
11:00 AM	315
12:00 PM	382
1:00 PM	326
2:00 PM	366
3:00 PM	367
4:00 PM	363
5:00 PM	360
6:00 PM	256
7:00 PM	88
8:00 PM	52
9:00 PM	47
10:00 PM	29
11:00 PM	6
Total	4579



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Laguna Canyon Road
B/ Waterworks Way - Irvine Center Drive

File Name 255
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	54			1	37				
12:15	1	48			3	46				
12:30	3	43			1	40				
12:45	1	43	7	187	1	58	5	181	12	367
1:00	2	36			0	35				
1:15	2	43			2	49				
1:30	1	43			1	47				
1:45	3	45	6	166	0	48	3	178	9	344
2:00	1	51			1	40				
2:15	1	44			1	50				
2:30	1	43			1	39				
2:45	0	50	2	188	0	50	2	179	4	366
3:00	0	46			2	53				
3:15	1	44			1	39				
3:30	1	53			1	44				
3:45	5	57	6	200	6	42	10	177	16	377
4:00	1	60			2	42				
4:15	4	44			5	33				
4:30	2	60			5	33				
4:45	3	46	8	208	4	35	16	142	24	350
5:00	4	66			11	37				
5:15	7	53			15	30				
5:30	16	59			18	28				
5:45	24	70	49	246	19	30	63	124	112	370
6:00	33	82			16	24				
6:15	33	63			12	16				
6:30	15	25			17	13				
6:45	11	24	91	193	20	14	64	66	155	259
7:00	14	23			13	13				
7:15	16	13			20	6				
7:30	18	13			28	5				
7:45	28	13	76	61	54	6	114	30	190	91
8:00	23	12			51	4				
8:15	32	6			55	5				
8:30	25	8			60	7				
8:45	43	5	122	31	64	6	229	21	351	51
9:00	41	6			56	4				
9:15	31	8			59	6				
9:30	42	9			51	5				
9:45	40	5	153	27	61	4	226	18	378	45
10:00	39	7			51	4				
10:15	44	4			40	3				
10:30	43	6			44	2				
10:45	49	2	174	17	46	2	180	11	354	28
11:00	47	5			39	0				
11:15	46	2			41	1				
11:30	51	1			34	2				
11:45	49	1	192	8	38	1	151	3	342	11
Totals	885	1529			1060	1128				
Combined Totals		2413				2187				
ADT										4600
AM Peak Hour	1100	AM			830	AM				
Volume	192				238					
P.H.F.	0.948				0.928					
PM Peak Hour		530	PM			215	PM			
Volume		273				191				
P.H.F.		0.836				0.910				
Percentage	36.7%	63.3%			48.4%	51.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Laguna Hills Drive
S/ Paseo De Valencia
24 Hour Directional Volume Count

LHS076
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	132			19	104				
12:15		13	97			13	121				
12:30		7	111			7	141				
12:45		3	127	42	467	7	118	46	484	88	951
01:00		5	149			6	141				
01:15		5	155			8	149				
01:30		4	153			6	143				
01:45		5	152	19	609	8	176	28	609	47	1218
02:00		8	160			4	113				
02:15		4	174			2	128				
02:30		4	204			5	152				
02:45		5	174	21	712	7	176	18	569	39	1281
03:00		4	142			4	171				
03:15		5	158			8	229				
03:30		8	204			13	168				
03:45		8	209	25	713	17	185	42	753	67	1466
04:00		3	248			17	192				
04:15		11	202			14	194				
04:30		18	203			14	197				
04:45		25	**223**	57	876	28	194	73	777	130	1653
05:00		24	**235**			24	218				
05:15		24	**287**			35	**253**				
05:30		34	**204**			60	**221**				
05:45		31	208	113	934	66	**191**	185	883	298	1817
06:00		47	187			49	**226**				
06:15		49	161			45	165				
06:30		69	136			70	158				
06:45		97	120	262	604	104	132	268	681	530	1285
07:00		113	126			110	139				
07:15		174	111			128	137				
07:30		**220**	105			**194**	118				
07:45		**241**	88	748	430	**198**	104	630	498	1378	928
08:00		**277**	79			**153**	110				
08:15		**229**	75			**257**	96				
08:30		177	94			186	92				
08:45		189	93	872	341	175	80	771	378	1643	719
09:00		132	78			118	82				
09:15		160	60			120	88				
09:30		126	52			89	75				
09:45		131	45	549	235	110	55	437	300	986	535
10:00		115	46			98	54				
10:15		123	28			113	46				
10:30		103	26			127	36				
10:45		112	22	453	122	126	22	464	158	917	280
11:00		132	23			92	28				
11:15		126	21			113	29				
11:30		126	13			117	19				
11:45		122	16	506	73	143	15	465	91	971	164
Total		3667	6116	3667	6116	3427	6181	3427	6181	7094	12297
Combined Total		9783		9783		9608		9608		19391	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	967	-	-	-	802	-	-	-	-	-
P.H.F.		0.873				0.780					
PM Peak	-	-	04:45	-	-	-	05:15	-	-	-	-
Vol.	-	-	949	-	-	-	891	-	-	-	-
P.H.F.			0.827				0.880				
Percentage		37.5%	62.5%			35.7%	64.3%				
ADT/AADT		ADT 19,391		AADT 19,391							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Aliso Viejo
Laguna Hills Drive
W/ Moulton Parkway
24 Hour Directional Volume Count

ASV075
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		24	141			19	117				
12:15		12	140			20	131				
12:30		15	140			10	158				
12:45		9	138	60	559	9	153	58	559	118	1118
01:00		9	151			9	136				
01:15		6	152			8	164				
01:30		8	149			6	145				
01:45		9	161	32	613	10	158	33	603	65	1216
02:00		7	142			6	111				
02:15		5	172			4	159				
02:30		5	181			7	171				
02:45		6	185	23	680	10	163	27	604	50	1284
03:00		5	184			8	179				
03:15		7	188			16	260				
03:30		9	268			18	213				
03:45		8	311	29	951	21	208	63	860	92	1811
04:00		6	223			35	238				
04:15		8	261			25	233				
04:30		21	**282**			23	240				
04:45		22	**249**	57	1015	45	260	128	971	185	1986
05:00		23	**281**			39	267				
05:15		30	**285**			52	**292**				
05:30		39	264			68	**290**				
05:45		72	203	164	1033	78	**276**	237	1125	401	2158
06:00		52	242			63	**279**				
06:15		68	175			54	224				
06:30		101	196			95	194				
06:45		125	165	346	778	133	181	345	878	691	1656
07:00		145	151			148	152				
07:15		205	160			174	169				
07:30		203	100			202	124				
07:45		**289**	112	842	523	**243**	118	767	563	1609	1086
08:00		**244**	90			**246**	100				
08:15		**254**	111			**295**	94				
08:30		**284**	127			**275**	116				
08:45		195	138	977	466	215	97	1031	407	2008	873
09:00		172	99			169	97				
09:15		170	65			143	97				
09:30		149	58			135	81				
09:45		156	63	647	285	133	63	580	338	1227	623
10:00		129	52			119	63				
10:15		137	35			130	50				
10:30		128	43			135	41				
10:45		127	30	521	160	112	37	496	191	1017	351
11:00		112	33			113	33				
11:15		134	30			115	30				
11:30		150	22			116	22				
11:45		146	19	542	104	143	20	487	105	1029	209
Total		4240	7167	4240	7167	4252	7204	4252	7204	8492	14371
Combined Total		11407		11407		11456		11456		22863	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1071	-	-	-	1059	-	-	-	-	-
P.H.F.		0.926				0.897					
PM Peak	-	-	04:30	-	-	-	05:15	-	-	-	-
Vol.	-	-	1097	-	-	-	1137	-	-	-	-
P.H.F.			0.962				0.973				
Percentage		37.2%	62.8%			37.1%	62.9%				
ADT/AADT		ADT 22,863		AADT 22,863							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
B/ Rockfield Boulevard - Interstate 5 Northbound Ramps
24 Hour Directional Volume Count

LKF085
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		55	467			36	466				
12:15		47	449			28	441				
12:30		40	490			16	480				
12:45		27	426	169	1832	29	404	109	1791	278	3623
01:00		37	451			23	441				
01:15		29	436			14	438				
01:30		23	489			18	473				
01:45		26	451	115	1827	19	452	74	1804	189	3631
02:00		22	474			16	441				
02:15		25	474			13	453				
02:30		23	505			28	418				
02:45		20	488	90	1941	16	404	73	1716	163	3657
03:00		18	445			11	435				
03:15		13	584			18	397				
03:30		23	499			27	475				
03:45		20	603	74	2131	26	443	82	1750	156	3881
04:00		22	582			31	474				
04:15		20	597			44	402				
04:30		34	591			61	**459**				
04:45		48	601	124	2371	60	**407**	196	1742	320	4113
05:00		58	**677**			85	**494**				
05:15		57	**592**			93	**463**				
05:30		87	**642**			129	420				
05:45		123	**626**	325	2537	143	438	450	1815	775	4352
06:00		114	550			156	370				
06:15		142	553			205	376				
06:30		181	442			348	356				
06:45		217	413	654	1958	322	268	1031	1370	1685	3328
07:00		293	366			370	313				
07:15		291	367			479	286				
07:30		287	288			**569**	222				
07:45		**461**	260	1332	1281	**476**	187	1894	1008	3226	2289
08:00		**438**	244			**506**	191				
08:15		**395**	286			**550**	200				
08:30		**378**	231			487	163				
08:45		416	205	1627	966	448	186	1991	740	3618	1706
09:00		363	187			411	174				
09:15		343	215			392	162				
09:30		363	206			386	126				
09:45		339	180	1408	788	431	104	1620	566	3028	1354
10:00		361	158			344	121				
10:15		348	136			367	103				
10:30		327	140			358	80				
10:45		393	122	1429	556	387	65	1456	369	2885	925
11:00		376	74			381	77				
11:15		341	73			395	61				
11:30		342	71			416	54				
11:45		496	76	1555	294	424	35	1616	227	3171	521
Total		8902	18482	8902	18482	10592	14898	10592	14898	19494	33380
Combined Total		27384		27384		25490		25490		52874	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1672	-	-	-	2101	-	-	-	-	-
P.H.F.		0.907				0.923					
PM Peak	-	-	05:00	-	-	-	04:30	-	-	-	-
Vol.	-	-	2537	-	-	-	1823	-	-	-	-
P.H.F.			0.937				0.923				
Percentage		32.5%	67.5%			41.6%	58.4%				
ADT/AADT		ADT 52,874		AADT 52,874							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Lake Forest Drive
B/ Scientific Way - Tesla
24 Hour Directional Volume Count

LHS088
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	70			8	98				
12:15		5	74			4	111				
12:30		4	72			6	108				
12:45		4	79	16	295	2	128	20	445	36	740
01:00		4	74			2	116				
01:15		1	66			0	126				
01:30		1	52			2	140				
01:45		3	66	9	258	4	125	8	507	17	765
02:00		1	66			1	116				
02:15		2	72			2	86				
02:30		0	59			2	120				
02:45		2	81	5	278	5	108	10	430	15	708
03:00		1	63			0	152				
03:15		2	72			0	133				
03:30		2	**81**			3	150				
03:45		1	**82**	6	298	0	122	3	557	9	855
04:00		0	**70**			2	226				
04:15		5	**80**			6	210				
04:30		4	72			8	196				
04:45		6	54	15	276	2	**180**	18	812	33	1088
05:00		8	73			7	**264**				
05:15		9	80			6	**207**				
05:30		13	96			13	**224**				
05:45		18	60	48	309	14	142	40	837	88	1146
06:00		25	76			14	168				
06:15		36	68			21	130				
06:30		48	46			40	116				
06:45		49	48	158	238	51	100	126	514	284	752
07:00		38	47			60	96				
07:15		66	56			58	84				
07:30		60	52			102	68				
07:45		**98**	36	262	191	82	78	302	326	564	517
08:00		**87**	40			**120**	58				
08:15		**94**	28			**118**	62				
08:30		**78**	26			**118**	60				
08:45		76	20	335	114	**124**	49	480	229	815	343
09:00		74	22			82	60				
09:15		60	22			81	35				
09:30		80	24			82	50				
09:45		65	16	279	84	62	27	307	172	586	256
10:00		58	20			68	30				
10:15		48	14			60	42				
10:30		44	16			76	26				
10:45		48	14	198	64	81	20	285	118	483	182
11:00		52	7			88	13				
11:15		60	12			95	11				
11:30		73	8			87	10				
11:45		73	9	258	36	108	8	378	42	636	78
Total		1589	2441	1589	2441	1977	4989	1977	4989	3566	7430
Combined Total		4030		4030		6966		6966		10996	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	357	-	-	-	480	-	-	-	-	-
P.H.F.		0.911				0.968					
PM Peak	-	-	03:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	313	-	-	-	875	-	-	-	-
P.H.F.			0.954				0.829				
Percentage		39.4%	60.6%			28.4%	71.6%				
ADT/AADT		ADT 10,996		AADT 10,996							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Lake Forest Drive
E/ Bake Parkway
24 Hour Directional Volume Count

IRV090
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	90			7	142				
12:15		8	80			5	105				
12:30		4	101			5	136				
12:45		5	94	28	365	2	117	19	500	47	865
01:00		6	85			2	134				
01:15		3	77			2	131				
01:30		4	68			5	136				
01:45		4	85	17	315	4	140	13	541	30	856
02:00		0	88			2	135				
02:15		3	95			3	113				
02:30		2	89			2	193				
02:45		1	116	6	388	4	144	11	585	17	973
03:00		3	98			1	178				
03:15		2	115			0	160				
03:30		3	110			5	183				
03:45		1	135	9	458	1	170	7	691	16	1149
04:00		2	104			9	301				
04:15		5	126			12	178				
04:30		3	108			14	230				
04:45		4	**105**	14	443	10	**202**	45	911	59	1354
05:00		7	**140**			20	**323**				
05:15		12	**123**			25	**234**				
05:30		16	**120**			35	**246**				
05:45		30	99	65	482	28	125	108	928	173	1410
06:00		27	128			56	180				
06:15		43	99			56	129				
06:30		46	67			88	124				
06:45		62	79	178	373	88	97	288	530	466	903
07:00		45	66			123	83				
07:15		85	80			137	83				
07:30		92	76			**189**	74				
07:45		80	51	302	273	**157**	87	606	327	908	600
08:00		104	53			**175**	62				
08:15		**121**	40			**182**	57				
08:30		**110**	42			167	59				
08:45		**80**	40	415	175	146	57	670	235	1085	410
09:00		**112**	46			127	53				
09:15		86	42			114	35				
09:30		90	46			134	51				
09:45		79	32	367	166	107	30	482	169	849	335
10:00		65	39			100	30				
10:15		73	30			115	25				
10:30		48	24			97	18				
10:45		59	19	245	112	109	12	421	85	666	197
11:00		64	21			124	12				
11:15		55	22			124	11				
11:30		78	15			123	8				
11:45		78	9	275	67	117	5	488	36	763	103
Total		1921	3617	1921	3617	3158	5538	3158	5538	5079	9155
Combined Total		5538		5538		8696		8696		14234	
AM Peak	-	08:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	423	-	-	-	703	-	-	-	-	-
P.H.F.		0.874				0.930					
PM Peak	-	-	04:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	488	-	-	-	1005	-	-	-	-
P.H.F.			0.871				0.778				
Percentage		34.7%	65.3%			36.3%	63.7%				
ADT/AADT		ADT 14,234		AADT 14,234							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
N/ Jeronimo Road
24 Hour Directional Volume Count

LKF083
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		45	254			26	215				
12:15		28	214			15	212				
12:30		32	219			14	205				
12:45		24	238	129	925	7	228	62	860	191	1785
01:00		16	264			10	238				
01:15		16	265			12	234				
01:30		16	240			10	236				
01:45		10	291	58	1060	7	235	39	943	97	2003
02:00		7	227			6	252				
02:15		10	294			8	242				
02:30		9	302			5	276				
02:45		14	318	40	1141	4	296	23	1066	63	2207
03:00		12	391			7	259				
03:15		10	322			13	218				
03:30		15	376			10	**284**				
03:45		13	390	50	1479	23	**271**	53	1032	103	2511
04:00		12	420			14	**283**				
04:15		18	448			22	**289**				
04:30		28	399			44	239				
04:45		37	**440**	95	1707	38	225	118	1036	213	2743
05:00		29	**479**			47	271				
05:15		47	**425**			61	264				
05:30		66	**491**			79	247				
05:45		97	401	239	1796	99	250	286	1032	525	2828
06:00		75	392			127	219				
06:15		65	362			134	207				
06:30		88	364			240	202				
06:45		133	268	361	1386	268	163	769	791	1130	2177
07:00		151	257			305	164				
07:15		148	267			345	144				
07:30		146	212			**413**	126				
07:45		**256**	201	701	937	**457**	113	1520	547	2221	1484
08:00		**331**	183			**454**	98				
08:15		**237**	212			**373**	113				
08:30		**190**	158			345	94				
08:45		186	150	944	703	323	78	1495	383	2439	1086
09:00		155	147			240	93				
09:15		167	173			246	90				
09:30		140	146			276	77				
09:45		149	130	611	596	246	62	1008	322	1619	918
10:00		176	108			228	62				
10:15		161	88			201	61				
10:30		157	108			217	33				
10:45		195	63	689	367	215	42	861	198	1550	565
11:00		174	49			201	38				
11:15		176	53			208	32				
11:30		184	37			239	23				
11:45		198	60	732	199	240	21	888	114	1620	313
Total		4649	12296	4649	12296	7122	8324	7122	8324	11771	20620
Combined Total		16945		16945		15446		15446		32391	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1014	-	-	-	1697	-	-	-	-	-
P.H.F.		0.766				0.928					
PM Peak	-	-	04:45	-	-	-	03:30	-	-	-	-
Vol.	-	-	1835	-	-	-	1127	-	-	-	-
P.H.F.			0.934				0.952				
Percentage		27.4%	72.6%			46.1%	53.9%				
ADT/AADT		ADT 32,391		AADT 32,391							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
N/ Muirlands Boulevard
24 Hour Directional Volume Count

LKF084
Site Code: 051-24139

Start	5/8/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		51	236			20	276				
12:15		32	254			13	233				
12:30		18	241			8	233				
12:45		18	252	119	983	14	252	55	994	174	1977
01:00		28	267			3	194				
01:15		17	242			10	**310**				
01:30		13	244			8	**254**				
01:45		10	258	68	1011	11	**262**	32	1020	100	2031
02:00		9	267			2	**232**				
02:15		12	263			7	232				
02:30		12	262			15	238				
02:45		9	294	42	1086	8	238	32	940	74	2026
03:00		9	312			7	260				
03:15		11	330			14	222				
03:30		17	332			14	252				
03:45		12	384	49	1358	10	248	45	982	94	2340
04:00		8	335			11	254				
04:15		16	405			20	232				
04:30		26	369			37	209				
04:45		24	**430**	74	1539	50	260	118	955	192	2494
05:00		26	**431**			45	194				
05:15		34	**424**			61	236				
05:30		64	**484**			95	174				
05:45		97	368	221	1707	114	236	315	840	536	2547
06:00		63	398			108	182				
06:15		104	308			153	177				
06:30		112	274			183	186				
06:45		122	266	401	1246	229	164	673	709	1074	1955
07:00		116	200			290	148				
07:15		162	222			346	116				
07:30		175	208			349	136				
07:45		**231**	200	684	830	**390**	139	1375	539	2059	1369
08:00		**218**	168			**363**	122				
08:15		**200**	189			**408**	84				
08:30		**186**	198			**351**	104				
08:45		192	190	796	745	312	84	1434	394	2230	1139
09:00		188	172			260	74				
09:15		174	140			244	80				
09:30		202	143			250	70				
09:45		192	137	756	592	251	52	1005	276	1761	868
10:00		162	110			248	68				
10:15		160	108			210	50				
10:30		167	66			238	37				
10:45		188	100	677	384	284	35	980	190	1657	574
11:00		180	62			214	34				
11:15		212	56			232	23				
11:30		174	42			266	19				
11:45		202	38	768	198	234	16	946	92	1714	290
Total		4655	11679	4655	11679	7010	7931	7010	7931	11665	19610
Combined Total		16334		16334		14941		14941		31275	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	835	-	-	-	1512	-	-	-	-	-
P.H.F.		0.904				0.926					
PM Peak	-	-	04:45	-	-	-	01:15	-	-	-	-
Vol.	-	-	1769	-	-	-	1058	-	-	-	-
P.H.F.			0.914				0.853				
Percentage		28.5%	71.5%			46.9%	53.1%				
ADT/AADT		ADT 31,275		AADT 31,275							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
N/ Rockfield Boulevard
24 Hour Directional Volume Count

LKF086
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		37	296			28	312				
12:15		32	298			18	274				
12:30		27	310			12	340				
12:45		23	284	119	1188	15	263	73	1189	192	2377
01:00		23	316			18	310				
01:15		24	291			16	274				
01:30		16	344			15	337				
01:45		12	311	75	1262	15	280	64	1201	139	2463
02:00		16	338			10	319				
02:15		19	324			10	323				
02:30		17	380			19	303				
02:45		18	361	70	1403	15	313	54	1258	124	2661
03:00		13	339			7	268				
03:15		9	429			12	**293**				
03:30		16	358			20	**339**				
03:45		17	467	55	1593	21	**322**	60	1222	115	2815
04:00		19	443			20	**390**				
04:15		13	461			28	272				
04:30		33	474			50	325				
04:45		37	467	102	1845	53	272	151	1259	253	3104
05:00		45	**526**			66	328				
05:15		43	**457**			72	323				
05:30		76	**462**			93	284				
05:45		101	**490**	265	1935	112	334	343	1269	608	3204
06:00		80	405			114	242				
06:15		89	416			149	275				
06:30		125	332			274	243				
06:45		142	325	436	1478	228	183	765	943	1201	2421
07:00		170	255			267	219				
07:15		185	270			365	202				
07:30		195	229			**408**	139				
07:45		**301**	206	851	960	**362**	138	1402	698	2253	1658
08:00		**288**	201			**360**	128				
08:15		**261**	235			**417**	136				
08:30		**227**	167			366	105				
08:45		247	159	1023	762	297	107	1440	476	2463	1238
09:00		232	146			290	107				
09:15		216	167			271	101				
09:30		232	160			304	68				
09:45		226	138	906	611	294	68	1159	344	2065	955
10:00		250	125			235	83				
10:15		225	103			276	81				
10:30		217	99			240	51				
10:45		252	89	944	416	278	50	1029	265	1973	681
11:00		245	50			261	51				
11:15		221	54			283	44				
11:30		203	50			284	30				
11:45		325	59	994	213	307	28	1135	153	2129	366
Total		5840	13666	5840	13666	7675	10277	7675	10277	13515	23943
Combined Total		19506		19506		17952		17952		37458	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1077	-	-	-	1547	-	-	-	-	-
P.H.F.		0.895				0.927					
PM Peak	-	-	05:00	-	-	-	03:15	-	-	-	-
Vol.	-	-	1935	-	-	-	1344	-	-	-	-
P.H.F.			0.920				0.862				
Percentage		29.9%	70.1%			42.8%	57.2%				
ADT/AADT		ADT 37,458		AADT 37,458							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
N/ Trabuco Road
24 Hour Directional Volume Count

LKF080
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		38	226			27	225				
12:15		25	192			17	220				
12:30		28	234			13	213				
12:45		25	213	116	865	8	186	65	844	181	1709
01:00		17	225			11	222				
01:15		14	246			13	183				
01:30		19	207			11	214				
01:45		8	244	58	922	7	216	42	835	100	1757
02:00		9	183			6	273				
02:15		7	212			11	280				
02:30		9	264			4	272				
02:45		4	284	29	943	5	281	26	1106	55	2049
03:00		8	378			9	238				
03:15		13	301			11	202				
03:30		13	315			14	296				
03:45		13	388	47	1382	24	236	58	972	105	2354
04:00		11	340			16	**325**				
04:15		13	339			20	**260**				
04:30		27	343			35	**307**				
04:45		40	349	91	1371	34	**303**	105	1195	196	2566
05:00		28	**358**			49	261				
05:15		54	**408**			58	322				
05:30		76	**379**			71	285				
05:45		128	**395**	286	1540	98	253	276	1121	562	2661
06:00		79	341			86	247				
06:15		68	318			114	255				
06:30		82	290			169	203				
06:45		148	256	377	1205	219	195	588	900	965	2105
07:00		132	250			251	162				
07:15		171	240			**357**	152				
07:30		179	179			**301**	159				
07:45		**217**	177	699	846	**370**	139	1279	612	1978	1458
08:00		**309**	171			**429**	150				
08:15		**338**	172			304	103				
08:30		**251**	167			300	117				
08:45		205	132	1103	642	252	104	1285	474	2388	1116
09:00		192	131			217	98				
09:15		170	135			198	109				
09:30		126	131			231	77				
09:45		178	115	666	512	181	68	827	352	1493	864
10:00		182	90			194	82				
10:15		161	83			202	57				
10:30		147	70			171	55				
10:45		159	62	649	305	188	41	755	235	1404	540
11:00		137	48			187	60				
11:15		157	46			201	31				
11:30		178	35			216	24				
11:45		199	47	671	176	217	22	821	137	1492	313
Total		4792	10709	4792	10709	6127	8783	6127	8783	10919	19492
Combined Total		15501		15501		14910		14910		30411	
AM Peak	-	07:45	-	-	-	07:15	-	-	-	-	-
Vol.	-	1115	-	-	-	1457	-	-	-	-	-
P.H.F.		0.825				0.849					
PM Peak	-	-	05:00	-	-	-	04:00	-	-	-	-
Vol.	-	-	1540	-	-	-	1195	-	-	-	-
P.H.F.			0.944				0.919				
Percentage		30.9%	69.1%			41.1%	58.9%				
ADT/AADT		ADT 30,411		AADT 30,411							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ Romano - Bake Parkway

File Name 260
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	65			5	127				
12:15	6	82			6	130				
12:30	7	77			8	138				
12:45	3	105	22	329	3	125	22	520	44	849
1:00	8	66			1	167				
1:15	4	67			3	121				
1:30	3	71			10	146				
1:45	2	78	17	282	2	129	16	563	33	845
2:00	2	80			3	169				
2:15	1	87			2	171				
2:30	1	103			4	201				
2:45	0	97	4	367	5	163	14	704	18	1071
3:00	0	100			3	192				
3:15	2	97			2	171				
3:30	1	112			1	214				
3:45	0	106	3	415	3	188	9	765	12	1180
4:00	2	105			3	272				
4:15	2	112			8	189				
4:30	5	110			5	277				
4:45	8	112	17	439	10	194	26	932	43	1371
5:00	12	123			25	288				
5:15	17	128			23	292				
5:30	11	111			30	274				
5:45	24	101	64	463	46	203	124	1057	188	1520
6:00	27	117			47	218				
6:15	37	91			53	138				
6:30	36	84			92	132				
6:45	64	78	164	370	102	92	294	580	458	950
7:00	60	50			112	94				
7:15	47	65			160	86				
7:30	78	45			180	98				
7:45	103	46	288	206	216	88	668	366	956	572
8:00	106	49			238	49				
8:15	125	34			205	60				
8:30	113	42			199	67				
8:45	119	39	463	164	155	58	797	234	1260	398
9:00	101	35			137	48				
9:15	86	44			151	60				
9:30	75	41			139	30				
9:45	100	32	362	152	146	26	573	164	935	316
10:00	75	27			117	34				
10:15	75	19			129	34				
10:30	59	21			125	28				
10:45	55	15	264	82	125	18	496	114	760	196
11:00	68	22			117	13				
11:15	71	12			122	8				
11:30	73	9			148	14				
11:45	74	12	286	55	130	7	517	42	803	97
Totals	1954	3324			3556	6041				
Combined Totals		5278				9597				
ADT										14875
AM Peak Hour	800	AM			745	AM				
Volume	463				858					
P.H.F.	0.926				0.901					
PM Peak Hour		445	PM			500	PM			
Volume		474				1057				
P.H.F.		0.926				0.905				
Percentage	37.0%	63.0%			37.1%	62.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

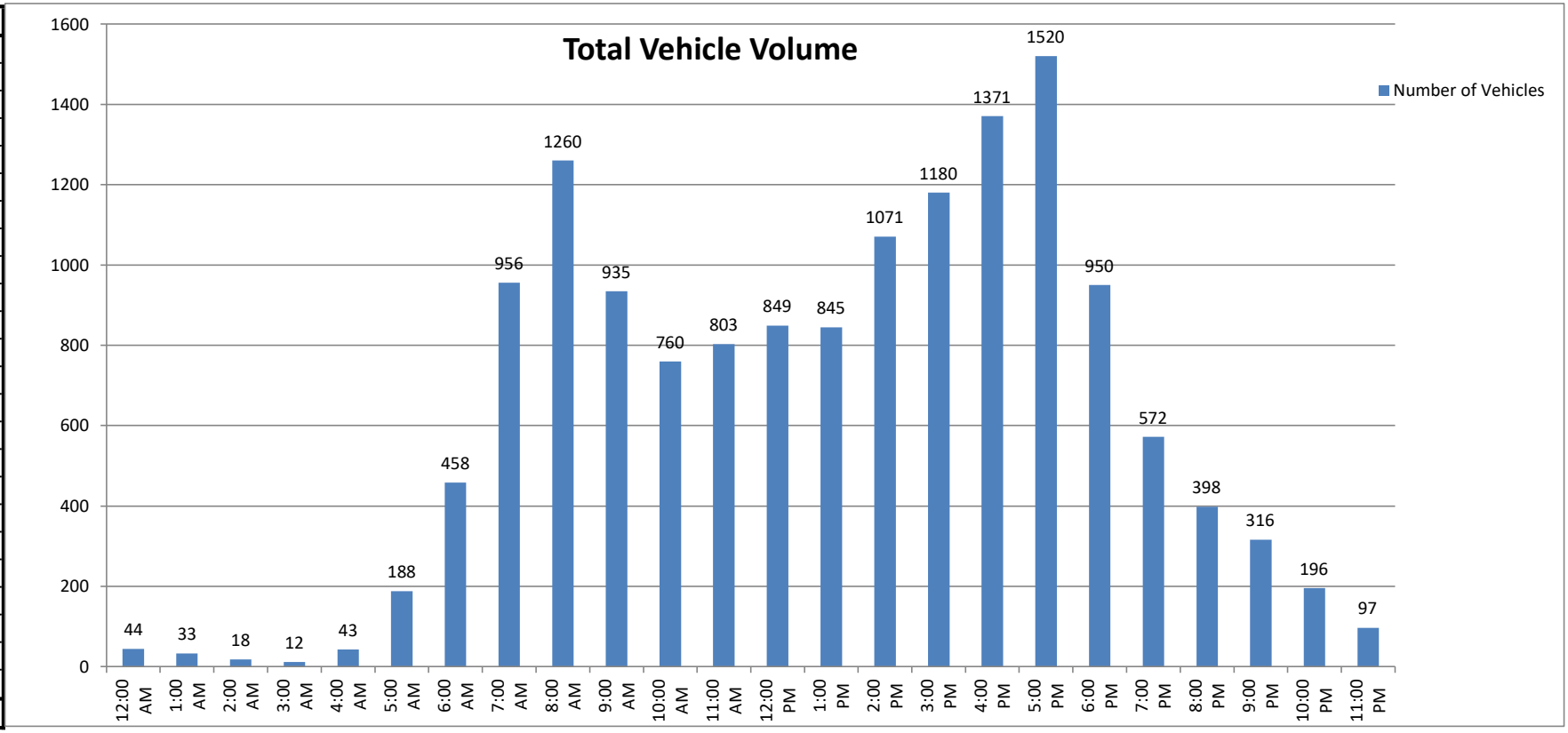
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Lake Forest Drive
B/ Romano - Bake Parkway

2/27/2024

Start Time	2/27/2024
12:00 AM	44
1:00 AM	33
2:00 AM	18
3:00 AM	12
4:00 AM	43
5:00 AM	188
6:00 AM	458
7:00 AM	956
8:00 AM	1260
9:00 AM	935
10:00 AM	760
11:00 AM	803
12:00 PM	849
1:00 PM	845
2:00 PM	1071
3:00 PM	1180
4:00 PM	1371
5:00 PM	1520
6:00 PM	950
7:00 PM	572
8:00 PM	398
9:00 PM	316
10:00 PM	196
11:00 PM	97
Total	14875



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ Romano - Bake Parkway

File Name 260
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	77			3	134				
12:15	1	74			2	148				
12:30	3	75			0	164				
12:45	5	90	16	316	1	135	6	581	22	897
1:00	0	73			5	185				
1:15	4	87			6	148				
1:30	1	109			4	158				
1:45	2	104	7	373	5	137	20	628	27	1001
2:00	1	88			2	129				
2:15	3	84			2	184				
2:30	2	81			4	191				
2:45	0	103	6	356	3	172	11	676	17	1032
3:00	0	82			1	201				
3:15	3	97			4	196				
3:30	3	92			3	202				
3:45	2	89	8	360	4	192	12	791	20	1151
4:00	1	88			5	248				
4:15	0	125			13	214				
4:30	5	137			9	243				
4:45	8	101	14	451	8	227	35	932	49	1383
5:00	15	129			15	376				
5:15	11	156			17	270				
5:30	16	141			35	258				
5:45	28	125	70	551	47	188	114	1092	184	1643
6:00	21	119			47	185				
6:15	45	109			61	158				
6:30	52	87			87	132				
6:45	55	95	173	410	89	108	284	583	457	993
7:00	48	53			103	109				
7:15	60	55			162	98				
7:30	81	44			194	82				
7:45	90	34	279	186	240	83	699	372	978	558
8:00	113	41			244	67				
8:15	135	40			203	52				
8:30	108	36			192	57				
8:45	123	38	479	155	162	47	801	223	1280	378
9:00	96	38			159	56				
9:15	74	51			129	65				
9:30	81	28			138	35				
9:45	95	30	346	147	124	29	550	185	896	332
10:00	87	31			127	31				
10:15	70	22			122	16				
10:30	68	17			121	20				
10:45	76	12	301	82	122	13	492	80	793	162
11:00	57	17			116	11				
11:15	78	8			142	7				
11:30	79	7			141	10				
11:45	62	7	276	39	146	6	545	34	821	73
Totals	1975	3426			3569	6177				
Combined Totals		5401				9746				
ADT										15147
AM Peak Hour	800	AM			730	AM				
Volume	479				881					
P.H.F.	0.887				0.903					
PM Peak Hour		500	PM			445	PM			
Volume		551				1131				
P.H.F.		0.883				0.752				
Percentage	36.6%	63.4%			36.6%	63.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

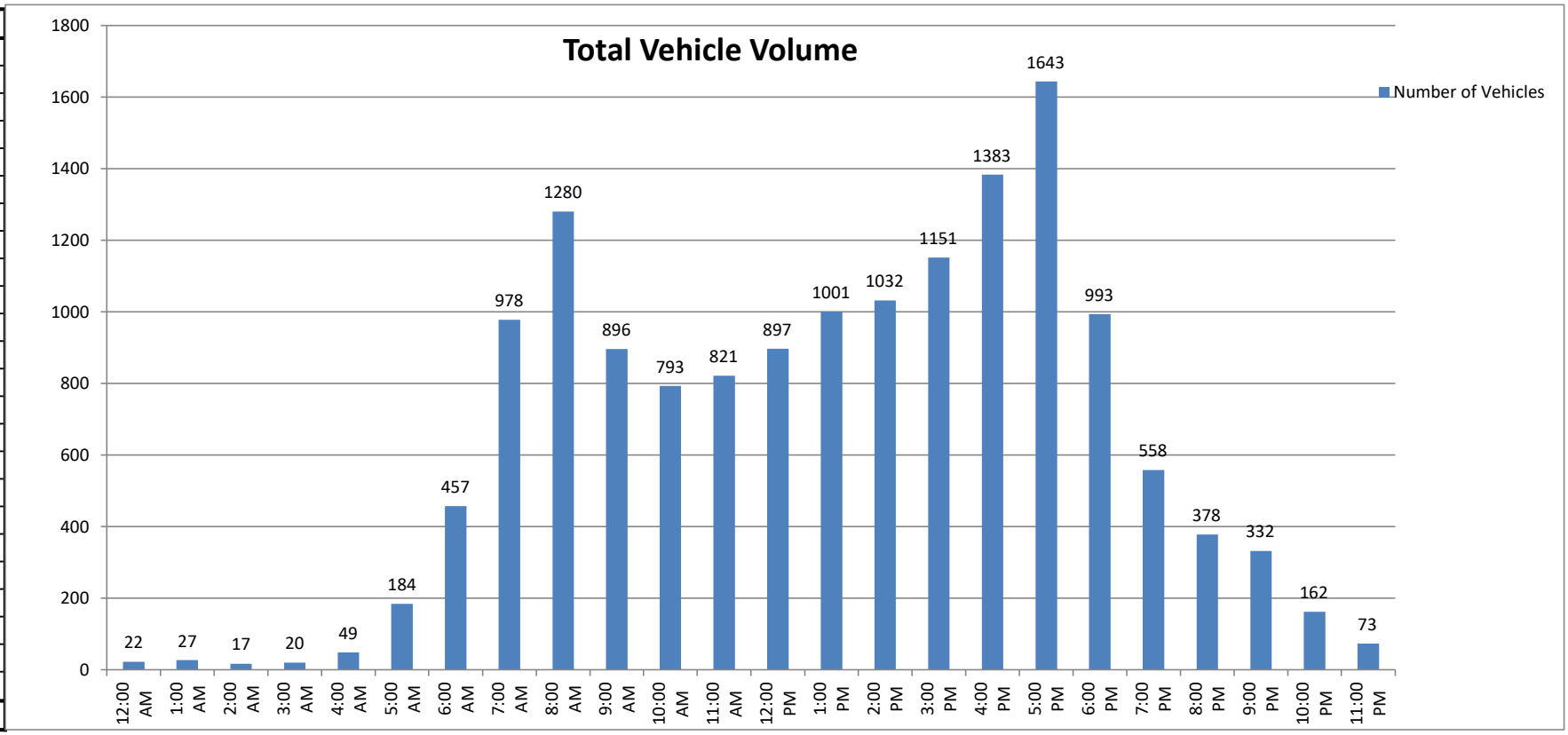
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Lake Forest Drive
B/ Romano - Bake Parkway

2/28/2024

Start Time	2/28/2024
12:00 AM	22
1:00 AM	27
2:00 AM	17
3:00 AM	20
4:00 AM	49
5:00 AM	184
6:00 AM	457
7:00 AM	978
8:00 AM	1280
9:00 AM	896
10:00 AM	793
11:00 AM	821
12:00 PM	897
1:00 PM	1001
2:00 PM	1032
3:00 PM	1151
4:00 PM	1383
5:00 PM	1643
6:00 PM	993
7:00 PM	558
8:00 PM	378
9:00 PM	332
10:00 PM	162
11:00 PM	73
Total	15147



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ Romano - Bake Parkway

File Name 260
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	71			4	131				
12:15	4	78			4	139				
12:30	5	76			4	151				
12:45	4	98	19	323	2	130	14	551	33	873
1:00	4	70			3	176				
1:15	4	77			5	135				
1:30	2	90			7	152				
1:45	2	91	12	328	4	133	18	596	30	923
2:00	2	84			3	149				
2:15	2	86			2	178				
2:30	2	92			4	196				
2:45	0	100	5	362	4	168	13	690	18	1052
3:00	0	91			2	197				
3:15	3	97			3	184				
3:30	2	102			2	208				
3:45	1	98	6	388	4	190	11	778	16	1166
4:00	2	97			4	260				
4:15	1	119			11	202				
4:30	5	124			7	260				
4:45	8	107	16	445	9	211	31	932	46	1377
5:00	14	126			20	332				
5:15	14	142			20	281				
5:30	14	126			33	266				
5:45	26	113	67	507	47	196	119	1075	186	1582
6:00	24	118			47	202				
6:15	41	100			57	148				
6:30	44	86			90	132				
6:45	60	87	169	390	96	100	289	582	458	972
7:00	54	52			108	102				
7:15	54	60			161	92				
7:30	80	45			187	90				
7:45	97	40	284	196	228	86	684	369	967	565
8:00	110	45			241	58				
8:15	130	37			204	56				
8:30	111	39			196	62				
8:45	121	39	471	160	159	53	799	229	1270	388
9:00	99	37			148	52				
9:15	80	48			140	63				
9:30	78	35			139	33				
9:45	98	31	354	150	135	28	562	175	916	324
10:00	81	29			122	33				
10:15	73	21			126	25				
10:30	64	19			123	24				
10:45	66	14	283	82	124	16	494	97	777	179
11:00	63	20			117	12				
11:15	75	10			132	8				
11:30	76	8			145	12				
11:45	68	10	281	47	138	7	531	38	812	85
Totals	1965	3375			3563	6109				
Combined Totals		5340				9672				
ADT										15011
AM Peak Hour	800	AM			745	AM				
Volume	471				869					
P.H.F.	0.906				0.901					
PM Peak Hour		500	PM			445	PM			
Volume		507				1090				
P.H.F.		0.893				0.820				
Percentage	36.8%	63.2%			36.8%	63.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
S/ Jeronimo Road
24 Hour Directional Volume Count

LKF089
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		40	270			21	207				
12:15		30	221			14	211				
12:30		26	228			10	205				
12:45		22	249	118	968	8	223	53	846	171	1814
01:00		15	261			10	220				
01:15		17	267			11	234				
01:30		15	248			9	240				
01:45		12	305	59	1081	7	248	37	942	96	2023
02:00		7	256			5	229				
02:15		13	278			5	234				
02:30		10	310			4	232				
02:45		13	307	43	1151	4	245	18	940	61	2091
03:00		12	314			4	242				
03:15		8	326			14	217				
03:30		14	369			9	**272**				
03:45		12	371	46	1380	22	**254**	49	985	95	2365
04:00		13	411			11	**273**				
04:15		12	431			17	**278**				
04:30		26	395			42	226				
04:45		38	**446**	89	1683	36	219	106	996	195	2679
05:00		27	**453**			46	256				
05:15		42	**418**			56	247				
05:30		61	**495**			65	229				
05:45		92	398	222	1764	88	259	255	991	477	2755
06:00		71	396			108	214				
06:15		64	357			128	204				
06:30		94	361			218	190				
06:45		138	254	367	1368	229	148	683	756	1050	2124
07:00		135	250			251	142				
07:15		152	239			331	124				
07:30		144	207			**374**	112				
07:45		**239**	188	670	884	**357**	106	1313	484	1983	1368
08:00		**262**	179			**408**	84				
08:15		**197**	203			**352**	98				
08:30		**200**	146			312	79				
08:45		193	143	852	671	305	72	1377	333	2229	1004
09:00		157	144			216	77				
09:15		177	160			227	78				
09:30		163	133			253	58				
09:45		149	119	646	556	245	49	941	262	1587	818
10:00		186	100			219	56				
10:15		169	82			194	56				
10:30		166	105			211	27				
10:45		206	60	727	347	206	30	830	169	1557	516
11:00		176	43			200	37				
11:15		179	52			198	26				
11:30		192	33			238	21				
11:45		205	57	752	185	246	21	882	105	1634	290
Total		4591	12038	4591	12038	6544	7809	6544	7809	11135	19847
Combined Total		16629		16629		14353		14353		30982	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	898	-	-	-	1491	-	-	-	-	-
P.H.F.		0.857				0.914					
PM Peak	-	-	04:45	-	-	-	03:30	-	-	-	-
Vol.	-	-	1812	-	-	-	1077	-	-	-	-
P.H.F.			0.915				0.969				
Percentage		27.6%	72.4%			45.6%	54.4%				
ADT/AADT		ADT 30,982		AADT 30,982							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
S/ Portola Parkway
24 Hour Directional Volume Count

LKF079
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		22	256			26	230				
12:15		17	247			14	209				
12:30		16	244			7	247				
12:45		13	258	68	1005	20	266	67	952	135	1957
01:00		3	323			15	201				
01:15		28	292			9	196				
01:30		4	255			5	227				
01:45		5	231	40	1101	6	198	35	822	75	1923
02:00		6	202			7	237				
02:15		1	190			16	220				
02:30		6	309			24	248				
02:45		5	272	18	973	23	235	70	940	88	1913
03:00		2	259			9	234				
03:15		9	255			22	266				
03:30		8	265			35	266				
03:45		7	264	26	1043	28	270	94	1036	120	2079
04:00		8	274			10	277				
04:15		12	252			28	255				
04:30		21	270			59	270				
04:45		37	278	78	1074	106	261	203	1063	281	2137
05:00		83	**272**			25	**301**				
05:15		85	**273**			50	**324**				
05:30		57	**321**			67	**319**				
05:45		69	**284**	294	1150	97	**330**	239	1274	533	2424
06:00		84	234			79	270				
06:15		90	222			56	268				
06:30		113	180			72	248				
06:45		154	191	441	827	114	210	321	996	762	1823
07:00		148	167			186	203				
07:15		234	178			181	185				
07:30		240	140			**188**	201				
07:45		**301**	123	923	608	**255**	161	810	750	1733	1358
08:00		**319**	122			**261**	156				
08:15		**312**	102			**228**	136				
08:30		**314**	97			180	183				
08:45		257	114	1202	435	153	173	822	648	2024	1083
09:00		219	130			153	121				
09:15		192	117			134	94				
09:30		205	82			142	83				
09:45		153	88	769	417	142	78	571	376	1340	793
10:00		182	75			123	77				
10:15		168	48			137	49				
10:30		177	31			167	43				
10:45		223	34	750	188	152	46	579	215	1329	403
11:00		161	64			154	49				
11:15		223	45			187	33				
11:30		239	29			179	26				
11:45		257	16	880	154	193	24	713	132	1593	286
Total		5489	8975	5489	8975	4524	9204	4524	9204	10013	18179
Combined Total		14464		14464		13728		13728		28192	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1246	-	-	-	932	-	-	-	-	-
P.H.F.		0.976				0.893					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	1150	-	-	-	1274	-	-	-	-
P.H.F.			0.896				0.965				
Percentage		37.9%	62.1%			33.0%	67.0%				

ADT/AADT ADT 28,192 AADT 28,192

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
S/ Rancho Parkway
24 Hour Directional Volume Count

LKF077
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		13	195			15	174				
12:15		5	171			9	165				
12:30		12	170			4	172				
12:45		5	177	35	713	8	173	36	684	71	1397
01:00		6	145			11	158				
01:15		6	155			5	134				
01:30		10	170			9	132				
01:45		1	142	23	612	3	144	28	568	51	1180
02:00		6	170			7	170				
02:15		4	146			1	141				
02:30		6	168			3	183				
02:45		4	170	20	654	6	156	17	650	37	1304
03:00		5	209			1	143				
03:15		5	225			3	168				
03:30		10	177			5	170				
03:45		7	228	27	839	5	164	14	645	41	1484
04:00		6	221			1	170				
04:15		7	209			10	**179**				
04:30		19	211			15	**182**				
04:45		38	233	70	874	14	**185**	40	716	110	1590
05:00		34	**263**			22	**183**				
05:15		42	**254**			19	179				
05:30		43	**227**			31	173				
05:45		73	**239**	192	983	46	171	118	706	310	1689
06:00		45	229			44	177				
06:15		42	200			64	181				
06:30		70	179			67	133				
06:45		108	149	265	757	73	150	248	641	513	1398
07:00		98	153			84	132				
07:15		118	154			135	115				
07:30		125	111			146	119				
07:45		146	149	487	567	**181**	91	546	457	1033	1024
08:00		150	89			**194**	75				
08:15		**195**	94			**172**	67				
08:30		**178**	86			**149**	60				
08:45		**143**	75	666	344	142	71	657	273	1323	617
09:00		**156**	66			137	78				
09:15		105	73			131	61				
09:30		114	46			132	44				
09:45		115	52	490	237	145	55	545	238	1035	475
10:00		127	35			109	50				
10:15		118	29			130	35				
10:30		139	32			115	33				
10:45		123	19	507	115	129	31	483	149	990	264
11:00		106	22			123	38				
11:15		159	14			119	27				
11:30		129	13			137	17				
11:45		170	16	564	65	158	14	537	96	1101	161
Total		3346	6760	3346	6760	3269	5823	3269	5823	6615	12583
Combined Total		10106		10106		9092		9092		19198	
AM Peak	-	08:15	-	-	-	07:45	-	-	-	-	-
Vol.	-	672	-	-	-	696	-	-	-	-	-
P.H.F.		0.862				0.897					
PM Peak	-	-	05:00	-	-	-	04:15	-	-	-	-
Vol.	-	-	983	-	-	-	729	-	-	-	-
P.H.F.			0.934				0.985				
Percentage		33.1%	66.9%			36.0%	64.0%				

ADT/AADT	ADT 19,198	AADT 19,198

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
S/ State Route 241 Southbound Ramps
24 Hour Directional Volume Count

LKF078
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	158			16	**169**				
12:15		5	136			7	**176**				
12:30		9	147			9	**191**				
12:45		3	149	27	590	5	**163**	37	699	64	1289
01:00		2	117			5	150				
01:15		6	118			7	142				
01:30		8	127			7	143				
01:45		1	109	17	471	4	140	23	575	40	1046
02:00		1	133			4	163				
02:15		2	106			2	129				
02:30		6	138			3	180				
02:45		3	136	12	513	3	146	12	618	24	1131
03:00		2	150			0	139				
03:15		5	168			4	149				
03:30		7	134			5	157				
03:45		5	164	19	616	9	125	18	570	37	1186
04:00		6	160			4	165				
04:15		6	158			7	155				
04:30		14	140			18	158				
04:45		26	**177**	52	635	15	161	44	639	96	1274
05:00		15	**181**			19	167				
05:15		30	**193**			23	186				
05:30		28	**174**			32	175				
05:45		50	161	123	709	47	157	121	685	244	1394
06:00		37	179			52	176				
06:15		36	137			51	166				
06:30		51	127			58	105				
06:45		84	104	208	547	80	143	241	590	449	1137
07:00		66	116			87	128				
07:15		99	103			100	104				
07:30		95	78			127	101				
07:45		**122**	70	382	367	**167**	62	481	395	863	762
08:00		**117**	61			**160**	64				
08:15		**150**	66			**158**	55				
08:30		**138**	61			**132**	53				
08:45		107	58	512	246	135	51	585	223	1097	469
09:00		114	45			145	59				
09:15		88	49			116	57				
09:30		84	29			136	34				
09:45		79	37	365	160	133	39	530	189	895	349
10:00		99	32			110	37				
10:15		92	22			134	24				
10:30		102	22			121	21				
10:45		91	14	384	90	117	27	482	109	866	199
11:00		81	15			111	29				
11:15		119	15			121	21				
11:30		109	15			133	12				
11:45		129	12	438	57	161	11	526	73	964	130
Total		2539	5001	2539	5001	3100	5365	3100	5365	5639	10366
Combined Total		7540		7540		8465		8465		16005	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	527	-	-	-	617	-	-	-	-	-
P.H.F.		0.878				0.924					
PM Peak	-	-	04:45	-	-	-	12:00	-	-	-	-
Vol.	-	-	725	-	-	-	699	-	-	-	-
P.H.F.			0.939				0.915				
Percentage		33.7%	66.3%			36.6%	63.4%				
ADT/AADT		ADT 16,005		AADT 16,005							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Lake Forest Drive
S/ Trabuco Road
24 Hour Directional Volume Count

LKF081
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		38	246			27	231				
12:15		26	201			15	213				
12:30		29	234			12	234				
12:45		23	212	116	893	9	223	63	901	179	1794
01:00		18	245			9	219				
01:15		15	209			9	229				
01:30		14	228			8	220				
01:45		9	268	56	950	7	240	33	908	89	1858
02:00		7	201			6	**291**				
02:15		10	248			9	**297**				
02:30		9	277			4	**281**				
02:45		7	306	33	1032	5	**283**	24	1152	57	2184
03:00		13	372			10	262				
03:15		12	292			13	243				
03:30		15	351			12	274				
03:45		14	348	54	1363	23	240	58	1019	112	2382
04:00		13	370			13	330				
04:15		14	387			21	268				
04:30		24	366			41	277				
04:45		39	393	90	1516	38	258	113	1133	203	2649
05:00		24	**400**			46	261				
05:15		44	**428**			58	296				
05:30		57	**401**			76	274				
05:45		95	**413**	220	1642	95	231	275	1062	495	2704
06:00		68	369			113	204				
06:15		60	299			144	227				
06:30		72	340			220	188				
06:45		134	236	334	1244	247	162	724	781	1058	2025
07:00		130	266			281	155				
07:15		128	252			**338**	141				
07:30		144	165			**384**	137				
07:45		**188**	174	590	857	**457**	109	1460	542	2050	1399
08:00		**330**	184			**513**	136				
08:15		**288**	174			328	100				
08:30		**204**	155			302	99				
08:45		168	145	990	658	302	92	1445	427	2435	1085
09:00		173	130			234	84				
09:15		149	145			242	90				
09:30		122	123			253	64				
09:45		152	127	596	525	220	63	949	301	1545	826
10:00		157	95			213	68				
10:15		152	92			211	58				
10:30		145	84			189	42				
10:45		157	64	611	335	219	43	832	211	1443	546
11:00		162	51			217	48				
11:15		160	42			219	35				
11:30		162	37			232	21				
11:45		191	56	675	186	238	23	906	127	1581	313
Total		4365	11201	4365	11201	6882	8564	6882	8564	11247	19765
Combined Total		15566		15566		15446		15446		31012	
AM Peak	-	07:45	-	-	-	07:15	-	-	-	-	-
Vol.	-	1010	-	-	-	1692	-	-	-	-	-
P.H.F.		0.765				0.825					
PM Peak	-	-	05:00	-	-	-	02:00	-	-	-	-
Vol.	-	-	1642	-	-	-	1152	-	-	-	-
P.H.F.			0.959				0.970				
Percentage		28.0%	72.0%			44.6%	55.4%				
ADT/AADT		ADT 31,012		AADT 31,012							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ State Route 133 - Romano

File Name 259
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	98			4	129				
12:15	16	137			2	134				
12:30	5	126			4	142				
12:45	8	159	39	520	2	136	12	541	51	1061
1:00	12	107			2	165				
1:15	9	105			3	124				
1:30	2	130			10	143				
1:45	8	134	31	476	1	136	16	568	47	1044
2:00	5	113			3	184				
2:15	3	151			3	179				
2:30	2	164			4	215				
2:45	0	171	10	599	5	183	15	761	25	1360
3:00	0	168			6	207				
3:15	4	177			2	176				
3:30	2	180			1	227				
3:45	1	175	7	700	4	195	13	805	20	1505
4:00	3	173			3	268				
4:15	3	188			7	198				
4:30	8	187			5	266				
4:45	16	175	30	723	10	216	25	948	55	1671
5:00	19	186			25	303				
5:15	21	219			22	280				
5:30	17	162			30	271				
5:45	35	169	92	736	52	207	129	1061	221	1797
6:00	44	204			50	206				
6:15	52	162			54	142				
6:30	57	153			89	131				
6:45	89	142	242	661	106	85	299	564	541	1225
7:00	95	91			125	90				
7:15	69	113			166	90				
7:30	128	78			225	94				
7:45	148	78	440	360	243	83	759	357	1199	717
8:00	172	76			276	49				
8:15	198	68			216	58				
8:30	184	76			222	62				
8:45	186	64	740	284	161	66	875	235	1615	519
9:00	160	56			142	48				
9:15	120	76			154	56				
9:30	128	66			155	33				
9:45	152	55	560	253	144	26	595	163	1155	416
10:00	127	50			127	37				
10:15	108	33			132	37				
10:30	100	35			130	28				
10:45	107	29	442	147	133	18	522	120	964	267
11:00	108	36			126	16				
11:15	120	19			121	7				
11:30	106	21			149	15				
11:45	111	24	445	100	145	7	541	45	986	145
Totals	3078	5559			3801	6168				
Combined Totals		8637				9969				
ADT										18606
AM Peak Hour	800	AM			730	AM				
Volume	740				960					
P.H.F.	0.934				0.870					
PM Peak Hour		430	PM			445	PM			
Volume		767				1070				
P.H.F.		0.876				0.883				
Percentage	35.6%	64.4%			38.1%	61.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

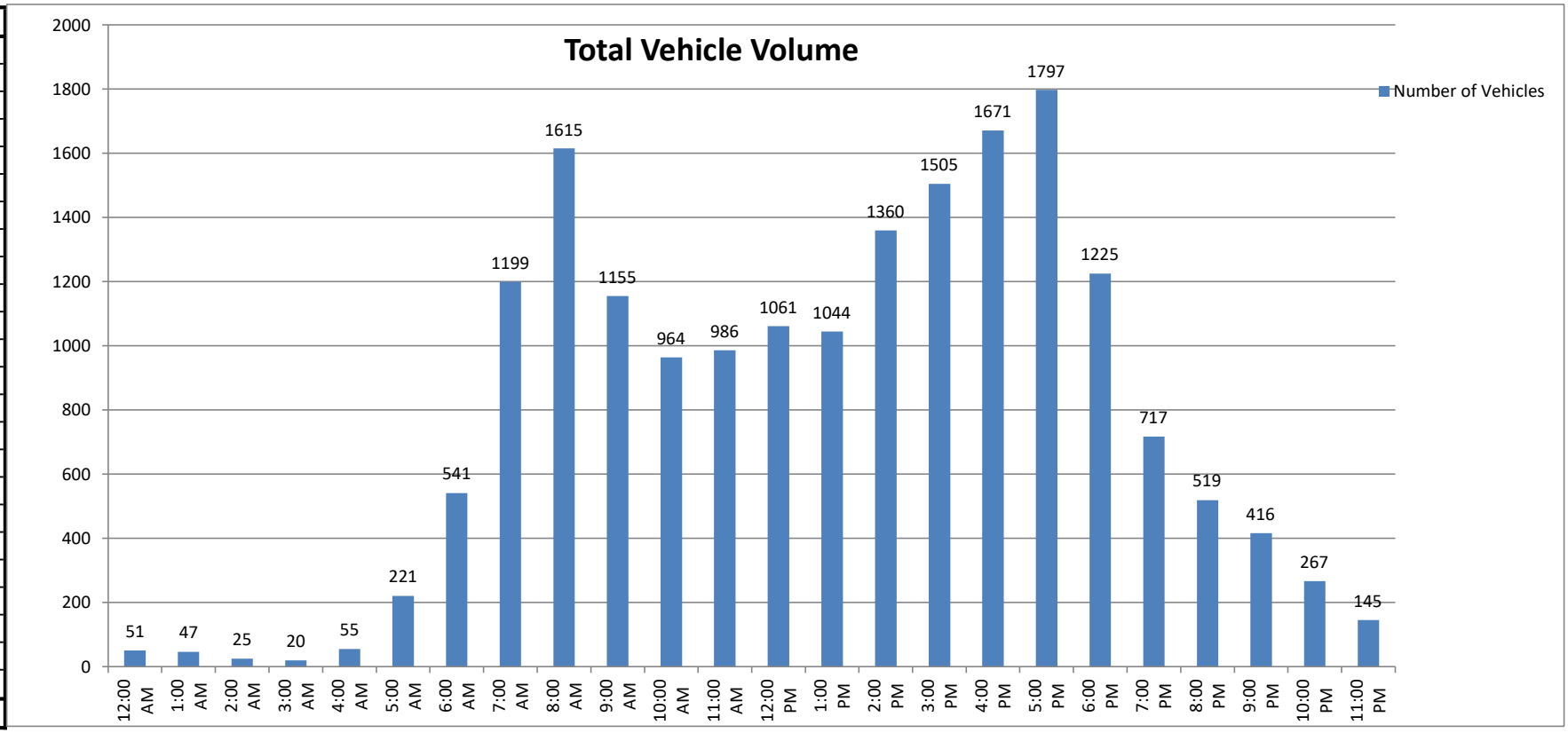
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Lake Forest Drive
B/ State Route 133 - Romano

2/27/2024

Start Time	2/27/2024
12:00 AM	51
1:00 AM	47
2:00 AM	25
3:00 AM	20
4:00 AM	55
5:00 AM	221
6:00 AM	541
7:00 AM	1199
8:00 AM	1615
9:00 AM	1155
10:00 AM	964
11:00 AM	986
12:00 PM	1061
1:00 PM	1044
2:00 PM	1360
3:00 PM	1505
4:00 PM	1671
5:00 PM	1797
6:00 PM	1225
7:00 PM	717
8:00 PM	519
9:00 PM	416
10:00 PM	267
11:00 PM	145
Total	18606



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ State Route 133 - Romano

File Name 259
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	90			6	132				
12:15	3	92			2	165				
12:30	6	79			0	158				
12:45	7	93	24	354	0	150	8	605	32	959
1:00	3	92			5	191				
1:15	6	84			5	176				
1:30	0	125			4	160				
1:45	3	131	12	432	5	138	19	665	31	1097
2:00	2	86			2	134				
2:15	8	87			1	179				
2:30	3	89			4	205				
2:45	0	117	13	379	3	183	10	701	23	1080
3:00	0	136			1	195				
3:15	5	165			4	202				
3:30	5	132			1	211				
3:45	4	151	14	584	6	191	12	799	26	1383
4:00	2	155			5	248				
4:15	0	193			11	223				
4:30	10	203			11	236				
4:45	9	182	21	733	8	239	35	946	56	1679
5:00	25	206			15	355				
5:15	17	254			19	288				
5:30	23	233			37	251				
5:45	43	194	108	887	48	182	119	1076	227	1963
6:00	35	202			48	197				
6:15	60	192			63	156				
6:30	71	186			90	146				
6:45	93	167	259	747	98	107	299	606	558	1353
7:00	80	94			108	108				
7:15	83	109			180	87				
7:30	123	73			220	88				
7:45	142	62	428	338	283	83	791	366	1219	704
8:00	167	72			275	61				
8:15	225	72			225	51				
8:30	166	73			197	62				
8:45	193	64	751	281	169	43	866	217	1617	498
9:00	142	58			165	51				
9:15	119	88			136	57				
9:30	89	50			150	37				
9:45	88	52	438	248	134	36	585	181	1023	429
10:00	89	55			131	31				
10:15	72	38			130	24				
10:30	87	30			122	25				
10:45	73	21	321	144	127	14	510	94	831	238
11:00	70	26			125	14				
11:15	71	14			137	9				
11:30	79	22			152	10				
11:45	70	11	290	73	150	7	564	40	854	113
Totals	2679	5200			3818	6296				
Combined Totals		7879				10114				
ADT										17993
AM Peak Hour	800	AM			730	AM				
Volume	751				1003					
P.H.F.	0.834				0.886					
PM Peak Hour		500	PM			445	PM			
Volume		887				1133				
P.H.F.		0.873				0.798				
Percentage	34.0%	66.0%			37.7%	62.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

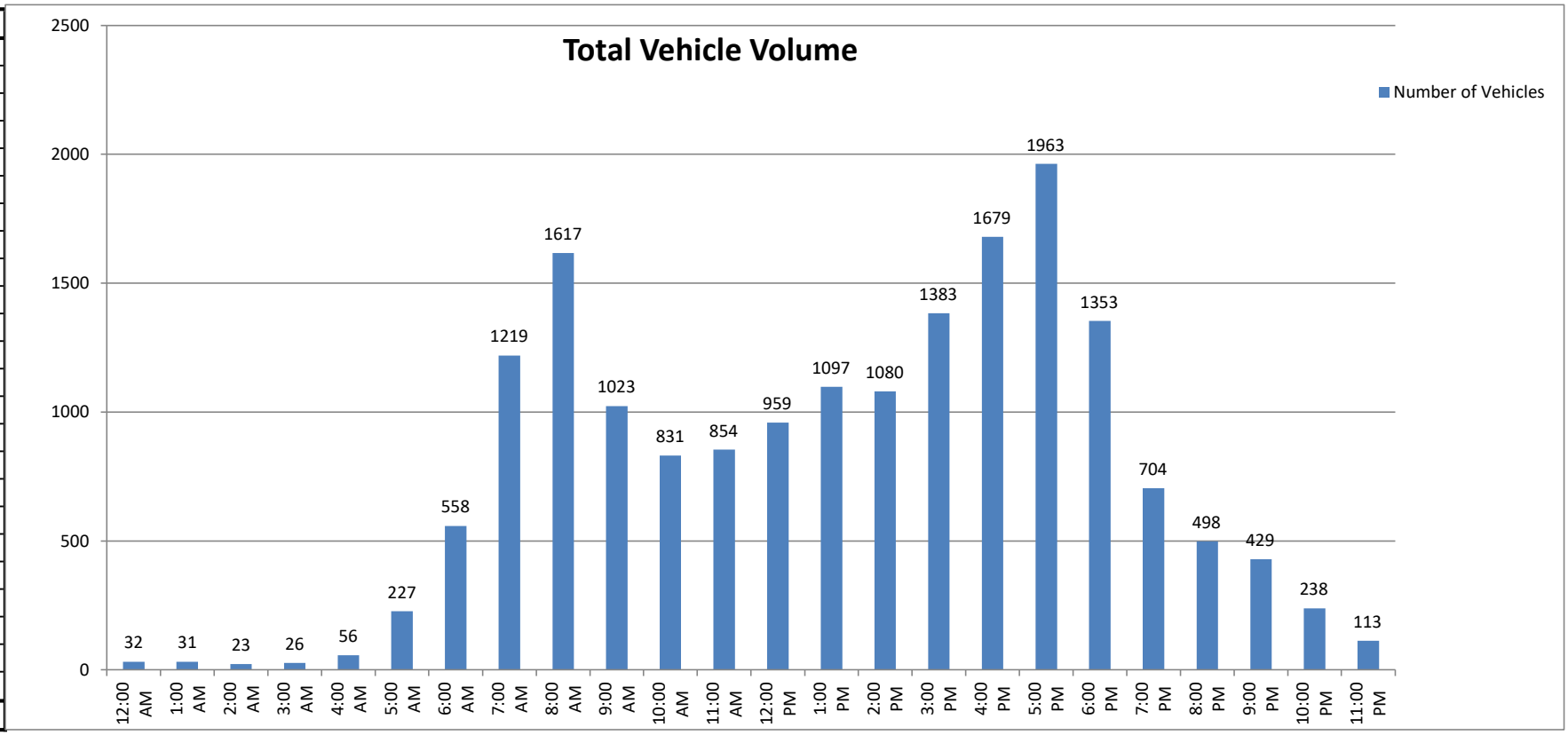
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Lake Forest Drive
B/ State Route 133 - Romano

2/28/2024

Start Time	2/28/2024
12:00 AM	32
1:00 AM	31
2:00 AM	23
3:00 AM	26
4:00 AM	56
5:00 AM	227
6:00 AM	558
7:00 AM	1219
8:00 AM	1617
9:00 AM	1023
10:00 AM	831
11:00 AM	854
12:00 PM	959
1:00 PM	1097
2:00 PM	1080
3:00 PM	1383
4:00 PM	1679
5:00 PM	1963
6:00 PM	1353
7:00 PM	704
8:00 PM	498
9:00 PM	429
10:00 PM	238
11:00 PM	113
Total	17993



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Lake Forest Drive
B/ State Route 133 - Romano

File Name 259
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	94			5	131				
12:15	10	115			2	150				
12:30	6	103			2	150				
12:45	8	126	32	437	1	143	10	573	42	1010
1:00	8	100			4	178				
1:15	8	95			4	150				
1:30	1	128			7	152				
1:45	6	133	22	454	3	137	18	617	39	1071
2:00	4	100			3	159				
2:15	6	119			2	179				
2:30	3	127			4	210				
2:45	0	144	12	489	4	183	13	731	24	1220
3:00	0	152			4	201				
3:15	5	171			3	189				
3:30	4	156			1	219				
3:45	3	163	11	642	5	193	13	802	23	1444
4:00	3	164			4	258				
4:15	2	191			9	211				
4:30	9	195			8	251				
4:45	13	179	26	728	9	228	30	947	56	1675
5:00	22	196			20	329				
5:15	19	237			21	284				
5:30	20	198			34	261				
5:45	39	182	100	812	50	195	124	1069	224	1880
6:00	40	203			49	202				
6:15	56	177			59	149				
6:30	64	170			90	139				
6:45	91	155	251	704	102	96	299	585	550	1289
7:00	88	93			117	99				
7:15	76	111			173	89				
7:30	126	76			223	91				
7:45	145	70	434	349	263	83	775	362	1209	711
8:00	170	74			276	55				
8:15	212	70			221	55				
8:30	175	75			210	62				
8:45	190	64	746	283	165	55	871	226	1616	509
9:00	151	57			154	50				
9:15	120	82			145	57				
9:30	109	58			153	35				
9:45	120	54	499	251	139	31	590	172	1089	423
10:00	108	53			129	34				
10:15	90	36			131	31				
10:30	94	33			126	27				
10:45	90	25	382	146	130	16	516	107	898	253
11:00	89	31			126	15				
11:15	96	17			129	8				
11:30	93	22			151	13				
11:45	91	18	368	87	148	7	553	43	920	129
Totals	2879	5380			3810	6232				
Combined Totals		8258				10042				
ADT										18300
AM Peak Hour	800	AM			730	AM				
Volume	746				982					
P.H.F.	0.881				0.891					
PM Peak Hour		515	PM			445	PM			
Volume		819				1102				
P.H.F.		0.865				0.837				
Percentage	34.9%	65.1%			37.9%	62.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Lake Forest Drive
W/ Avenida De La Carlota
24 Hour Directional Volume Count

LHS087
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		21	269			19	260				
12:15		10	218			14	298				
12:30		7	252			12	304				
12:45		7	224	45	963	8	323	53	1185	98	2148
01:00		6	206			10	262				
01:15		8	200			7	286				
01:30		4	185			7	262				
01:45		5	194	23	785	6	314	30	1124	53	1909
02:00		2	173			6	282				
02:15		7	200			8	268				
02:30		3	224			10	246				
02:45		9	214	21	811	8	288	32	1084	53	1895
03:00		5	231			5	284				
03:15		3	200			10	299				
03:30		3	236			7	264				
03:45		3	205	14	872	10	321	32	1168	46	2040
04:00		1	262			9	314				
04:15		6	**244**			26	**291**				
04:30		8	**265**			26	**302**				
04:45		8	**254**	23	1025	54	**326**	115	1233	138	2258
05:00		11	**300**			40	**322**				
05:15		22	237			58	280				
05:30		25	227			74	299				
05:45		27	176	85	940	112	282	284	1183	369	2123
06:00		43	217			115	230				
06:15		41	172			149	216				
06:30		64	116			218	174				
06:45		75	130	223	635	284	195	766	815	989	1450
07:00		94	125			250	160				
07:15		114	122			324	142				
07:30		162	108			304	136				
07:45		164	101	534	456	**426**	128	1304	566	1838	1022
08:00		168	106			**412**	130				
08:15		176	88			**424**	88				
08:30		152	72			**402**	101				
08:45		166	62	662	328	370	116	1608	435	2270	763
09:00		112	84			376	96				
09:15		148	53			394	69				
09:30		150	68			336	72				
09:45		155	64	565	269	327	58	1433	295	1998	564
10:00		155	59			269	60				
10:15		142	47			254	60				
10:30		160	20			274	37				
10:45		178	37	635	163	302	30	1099	187	1734	350
11:00		**208**	12			283	30				
11:15		**194**	17			278	34				
11:30		**188**	22			237	24				
11:45		**218**	15	808	66	272	18	1070	106	1878	172
Total		3638	7313	3638	7313	7826	9381	7826	9381	11464	16694
Combined Total		10951		10951		17207		17207		28158	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	808	-	-	-	1664	-	-	-	-	-
P.H.F.		0.927				0.977					
PM Peak	-	-	04:15	-	-	-	04:15	-	-	-	-
Vol.	-	-	1063	-	-	-	1241	-	-	-	-
P.H.F.			0.886				0.952				
Percentage		33.2%	66.8%			45.5%	54.5%				
ADT/AADT		ADT 28,158		AADT 28,158							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Lake Forest Drive
W/ Irvine Center Drive
24 Hour Directional Volume Count

LHS082
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	94			6	75				
12:15		3	87			2	84				
12:30		7	72			2	94				
12:45		1	94	18	347	6	92	16	345	34	692
01:00		7	91			1	104				
01:15		2	84			1	78				
01:30		3	80			4	108				
01:45		1	60	13	315	3	88	9	378	22	693
02:00		3	76			0	90				
02:15		2	68			2	62				
02:30		2	70			3	70				
02:45		2	82	9	296	4	74	9	296	18	592
03:00		0	87			0	79				
03:15		3	84			0	88				
03:30		2	95			1	89				
03:45		2	82	7	348	1	86	2	342	9	690
04:00		0	**118**			2	110				
04:15		4	**110**			3	118				
04:30		6	**104**			7	103				
04:45		5	**96**	15	428	6	**95**	18	426	33	854
05:00		4	104			5	**112**				
05:15		8	116			8	**124**				
05:30		10	92			14	**108**				
05:45		17	105	39	417	20	92	47	436	86	853
06:00		22	79			28	86				
06:15		23	82			25	91				
06:30		29	70			43	58				
06:45		40	63	114	294	61	66	157	301	271	595
07:00		34	54			74	56				
07:15		46	42			64	60				
07:30		54	52			108	52				
07:45		**70**	40	204	188	110	48	356	216	560	404
08:00		**96**	44			**140**	42				
08:15		**86**	36			**130**	48				
08:30		**70**	27			**144**	36				
08:45		69	22	321	129	**130**	30	544	156	865	285
09:00		60	19			120	30				
09:15		68	28			89	30				
09:30		66	18			88	30				
09:45		64	23	258	88	67	26	364	116	622	204
10:00		52	20			72	17				
10:15		50	19			64	35				
10:30		54	22			76	20				
10:45		46	11	202	72	69	16	281	88	483	160
11:00		58	10			72	10				
11:15		69	12			82	11				
11:30		71	10			78	6				
11:45		88	8	286	40	84	6	316	33	602	73
Total		1486	2962	1486	2962	2119	3133	2119	3133	3605	6095
Combined Total		4448		4448		5252		5252		9700	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	322	-	-	-	544	-	-	-	-	-
P.H.F.		0.839				0.944					
PM Peak	-	-	04:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	428	-	-	-	439	-	-	-	-
P.H.F.			0.907				0.885				
Percentage		33.4%	66.6%			40.3%	59.7%				
ADT/AADT		ADT 9,700		AADT 9,700							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Los Alisos Boulevard
B/ Avenida De La Carlota - Paseo De Valencia
24 Hour Directional Volume Count

LHS096
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	163			12	131				
12:15		13	146			14	161				
12:30		10	161			10	156				
12:45		4	145	47	615	9	178	45	626	92	1241
01:00		6	156			6	150				
01:15		3	198			4	190				
01:30		9	193			4	206				
01:45		1	211	19	758	10	213	24	759	43	1517
02:00		2	186			5	186				
02:15		3	201			3	210				
02:30		2	265			3	216				
02:45		5	275	12	927	10	227	21	839	33	1766
03:00		7	191			3	256				
03:15		2	218			9	268				
03:30		5	233			5	206				
03:45		11	287	25	929	14	220	31	950	56	1879
04:00		2	281			10	273				
04:15		9	304			6	251				
04:30		14	**277**			18	203				
04:45		10	**269**	35	1131	20	213	54	940	89	2071
05:00		16	**297**			14	**292**				
05:15		21	**332**			29	**240**				
05:30		25	268			36	**243**				
05:45		32	247	94	1144	75	**227**	154	1002	248	2146
06:00		39	250			60	236				
06:15		35	208			60	181				
06:30		65	156			81	155				
06:45		84	150	223	764	108	166	309	738	532	1502
07:00		107	150			73	119				
07:15		170	134			165	140				
07:30		**206**	103			174	106				
07:45		**301**	109	784	496	**282**	109	694	474	1478	970
08:00		**272**	105			**226**	97				
08:15		**218**	90			**277**	109				
08:30		182	89			**255**	79				
08:45		178	76	850	360	164	69	922	354	1772	714
09:00		135	89			169	74				
09:15		150	57			129	85				
09:30		128	57			125	71				
09:45		145	39	558	242	162	67	585	297	1143	539
10:00		140	53			112	45				
10:15		146	33			143	39				
10:30		143	28			174	27				
10:45		148	25	577	139	160	40	589	151	1166	290
11:00		146	26			128	27				
11:15		177	26			132	26				
11:30		162	17			146	17				
11:45		145	20	630	89	150	19	556	89	1186	178
Total		3854	7594	3854	7594	3984	7219	3984	7219	7838	14813
Combined Total		11448		11448		11203		11203		22651	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	997	-	-	-	1040	-	-	-	-	-
P.H.F.		0.828				0.922					
PM Peak	-	-	04:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	1175	-	-	-	1002	-	-	-	-
P.H.F.			0.885				0.858				
Percentage		33.7%	66.3%			35.6%	64.4%				
ADT/AADT		ADT 22,651		AADT 22,651							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Los Alisos Boulevard
E/ Muirlands Boulevard
24 Hour Directional Volume Count

LKF095
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	131			15	140				
12:15		12	125			10	188				
12:30		11	155			14	164				
12:45		4	113	34	524	5	172	44	664	78	1188
01:00		11	162			6	132				
01:15		8	136			5	182				
01:30		6	163			4	167				
01:45		4	139	29	600	5	174	20	655	49	1255
02:00		7	123			2	176				
02:15		5	185			3	156				
02:30		5	183			6	208				
02:45		6	**221**	23	712	10	222	21	762	44	1474
03:00		3	**227**			6	279				
03:15		9	**167**			7	267				
03:30		7	**223**			9	263				
03:45		2	192	21	809	13	256	35	1065	56	1874
04:00		3	192			11	248				
04:15		11	202			8	320				
04:30		13	210			18	243				
04:45		30	188	57	792	21	**352**	58	1163	115	1955
05:00		17	193			12	**307**				
05:15		15	231			24	**319**				
05:30		24	179			38	**276**				
05:45		37	196	93	799	53	244	127	1146	220	1945
06:00		33	156			45	257				
06:15		36	167			57	262				
06:30		67	143			67	201				
06:45		77	149	213	615	84	191	253	911	466	1526
07:00		91	137			144	181				
07:15		148	107			126	139				
07:30		162	90			**199**	131				
07:45		**261**	88	662	422	**225**	96	694	547	1356	969
08:00		**264**	101			**232**	93				
08:15		**236**	62			**257**	91				
08:30		**166**	71			146	70				
08:45		143	69	809	303	187	85	822	339	1631	642
09:00		150	77			101	103				
09:15		128	70			105	102				
09:30		114	58			114	81				
09:45		134	51	526	256	144	59	464	345	990	601
10:00		101	50			80	56				
10:15		107	48			132	37				
10:30		152	30			112	45				
10:45		136	49	496	177	139	40	463	178	959	355
11:00		111	32			137	32				
11:15		128	27			160	29				
11:30		143	31			142	15				
11:45		129	29	511	119	153	18	592	94	1103	213
Total		3474	6128	3474	6128	3593	7869	3593	7869	7067	13997
Combined Total		9602		9602		11462		11462		21064	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	927	-	-	-	913	-	-	-	-	-
P.H.F.		0.878				0.888					
PM Peak	-	-	02:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	838	-	-	-	1254	-	-	-	-
P.H.F.			0.923				0.891				
Percentage		36.2%	63.8%			31.3%	68.7%				

ADT/AADT ADT 21,064 AADT 21,064

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Los Alisos Boulevard
N/ Trabuco Road
24 Hour Directional Volume Count

MSV091
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	166			9	145				
12:15		22	164			5	112				
12:30		10	151			7	159				
12:45		10	189	58	670	1	142	22	558	80	1228
01:00		11	134			4	175				
01:15		2	168			6	139				
01:30		2	165			8	118				
01:45		7	194	22	661	5	151	23	583	45	1244
02:00		6	180			8	155				
02:15		5	220			6	98				
02:30		5	211			4	173				
02:45		9	241	25	852	4	**230**	22	656	47	1508
03:00		6	279			5	**219**				
03:15		6	229			14	**154**				
03:30		1	264			6	**191**				
03:45		8	230	21	1002	13	223	38	787	59	1789
04:00		7	291			14	175				
04:15		5	276			19	194				
04:30		10	**294**			16	169				
04:45		15	**264**	37	1125	30	198	79	736	116	1861
05:00		6	**281**			34	183				
05:15		17	**359**			32	185				
05:30		27	258			45	178				
05:45		34	264	84	1162	54	175	165	721	249	1883
06:00		32	263			81	163				
06:15		34	254			78	157				
06:30		41	221			113	128				
06:45		65	193	172	931	123	126	395	574	567	1505
07:00		77	176			179	99				
07:15		92	175			201	98				
07:30		117	143			248	88				
07:45		**144**	139	430	633	**350**	73	978	358	1408	991
08:00		**217**	118			**340**	66				
08:15		**246**	137			**313**	84				
08:30		**148**	108			**313**	72				
08:45		124	91	735	454	211	48	1177	270	1912	724
09:00		110	88			198	73				
09:15		93	84			146	69				
09:30		93	56			165	48				
09:45		116	54	412	282	147	44	656	234	1068	516
10:00		101	46			151	39				
10:15		112	55			132	34				
10:30		100	38			124	18				
10:45		122	40	435	179	130	20	537	111	972	290
11:00		127	23			124	21				
11:15		157	21			123	12				
11:30		125	17			146	13				
11:45		158	15	567	76	153	15	546	61	1113	137
Total		2998	8027	2998	8027	4638	5649	4638	5649	7636	13676
Combined Total		11025		11025		10287		10287		21312	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	755	-	-	-	1316	-	-	-	-	-
P.H.F.		0.767				0.940					
PM Peak	-	-	04:30	-	-	-	02:45	-	-	-	-
Vol.	-	-	1198	-	-	-	794	-	-	-	-
P.H.F.			0.834				0.863				
Percentage		27.2%	72.8%			45.1%	54.9%				
ADT/AADT		ADT 21,312		AADT 21,312							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Lake Forest
Los Alisos Boulevard
S/ Rockfield Boulevard
24 Hour Directional Volume Count

LKF093
Site Code: 051-24139

Start Time	5/8/2024 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		18	188			10	170				
12:15		20	180			14	178				
12:30		12	192			8	154				
12:45		8	192	58	752	10	190	42	692	100	1444
01:00		9	192			6	166				
01:15		7	228			8	206				
01:30		1	204			10	192				
01:45		4	236	21	860	3	218	27	782	48	1642
02:00		4	188			4	168				
02:15		6	208			3	172				
02:30		6	248			5	186				
02:45		4	278	20	922	7	211	19	737	39	1659
03:00		5	237			8	264				
03:15		5	250			2	214				
03:30		4	242			9	233				
03:45		5	310	19	1039	7	191	26	902	45	1941
04:00		2	288			8	190				
04:15		3	265			14	227				
04:30		10	**284**			14	222				
04:45		11	**336**	26	1173	15	**220**	51	859	77	2032
05:00		12	**310**			19	**233**				
05:15		16	**378**			28	**234**				
05:30		33	282			39	**251**				
05:45		52	275	113	1245	60	203	146	921	259	2166
06:00		38	256			64	202				
06:15		58	232			76	173				
06:30		58	240			94	178				
06:45		84	169	238	897	132	141	366	694	604	1591
07:00		92	179			129	141				
07:15		136	194			224	130				
07:30		210	148			196	138				
07:45		**252**	142	690	663	**256**	126	805	535	1495	1198
08:00		**264**	164			**250**	105				
08:15		**238**	122			**338**	108				
08:30		**212**	116			**228**	111				
08:45		175	98	889	500	184	79	1000	403	1889	903
09:00		159	98			170	70				
09:15		195	95			168	84				
09:30		172	58			136	80				
09:45		148	88	674	339	184	65	658	299	1332	638
10:00		149	54			156	67				
10:15		138	50			175	47				
10:30		181	44			144	36				
10:45		167	36	635	184	163	37	638	187	1273	371
11:00		167	28			132	37				
11:15		150	23			174	29				
11:30		180	20			144	13				
11:45		194	22	691	93	168	20	618	99	1309	192
Total		4074	8667	4074	8667	4396	7110	4396	7110	8470	15777
Combined Total		12741		12741		11506		11506		24247	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	966	-	-	-	1072	-	-	-	-	-
P.H.F.		0.915				0.793					
PM Peak	-	-	04:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	1308	-	-	-	938	-	-	-	-
P.H.F.			0.865				0.888				
Percentage		32.0%	68.0%			38.2%	61.8%				
ADT/AADT		ADT 24,247		AADT 24,247							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Los Alisos Boulevard
S/ Trabuco Road
24 Hour Directional Volume Count

MSV092
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	181			12	168				
12:15		21	166			6	119				
12:30		12	153			4	172				
12:45		9	184	62	684	4	152	26	611	88	1295
01:00		11	138			5	169				
01:15		2	193			4	141				
01:30		6	170			6	151				
01:45		6	187	25	688	2	175	17	636	42	1324
02:00		8	193			7	156				
02:15		5	219			3	94				
02:30		7	208			3	**219**				
02:45		13	216	33	836	8	**245**	21	714	54	1550
03:00		7	288			6	**226**				
03:15		10	238			13	**188**				
03:30		6	290			8	191				
03:45		12	233	35	1049	13	227	40	832	75	1881
04:00		7	299			12	176				
04:15		6	275			24	220				
04:30		10	310			17	197				
04:45		20	261	43	1145	29	219	82	812	125	1957
05:00		12	**277**			33	186				
05:15		16	**343**			38	209				
05:30		31	**270**			45	199				
05:45		27	**304**	86	1194	57	188	173	782	259	1976
06:00		33	268			81	171				
06:15		44	262			79	161				
06:30		62	210			107	130				
06:45		70	169	209	909	128	160	395	622	604	1531
07:00		72	204			166	112				
07:15		86	178			176	100				
07:30		111	143			228	89				
07:45		**139**	140	408	665	**314**	98	884	399	1292	1064
08:00		**233**	135			**354**	70				
08:15		**200**	131			**317**	72				
08:30		**157**	110			**327**	69				
08:45		117	97	707	473	249	57	1247	268	1954	741
09:00		113	88			217	68				
09:15		115	90			168	89				
09:30		110	62			173	59				
09:45		123	55	461	295	157	40	715	256	1176	551
10:00		104	52			170	39				
10:15		140	47			139	33				
10:30		117	32			139	12				
10:45		139	31	500	162	148	20	596	104	1096	266
11:00		135	23			129	23				
11:15		162	21			132	8				
11:30		131	18			158	13				
11:45		171	25	599	87	159	12	578	56	1177	143
Total		3168	8187	3168	8187	4774	6092	4774	6092	7942	14279
Combined Total		11355		11355		10866		10866		22221	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	729	-	-	-	1312	-	-	-	-	-
P.H.F.		0.782				0.927					
PM Peak	-	-	05:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	1194	-	-	-	878	-	-	-	-
P.H.F.			0.870				0.896				
Percentage		27.9%	72.1%			43.9%	56.1%				

ADT/AADT ADT 22,221 AADT 22,221

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Los Alisos Boulevard
W/ Muirlands Boulevard
24 Hour Directional Volume Count

LKF094
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	132			8	155				
12:15		15	121			14	217				
12:30		11	158			10	163				
12:45		9	130	43	541	5	167	37	702	80	1243
01:00		7	163			7	172				
01:15		8	125			5	179				
01:30		3	147			4	162				
01:45		7	145	25	580	1	180	17	693	42	1273
02:00		4	98			2	182				
02:15		4	156			5	170				
02:30		5	164			4	201				
02:45		5	**180**	18	598	5	219	16	772	34	1370
03:00		4	**243**			7	272				
03:15		7	**135**			6	265				
03:30		6	**196**			9	240				
03:45		3	159	20	733	13	273	35	1050	55	1783
04:00		3	161			12	229				
04:15		5	160			11	296				
04:30		6	159			21	242				
04:45		20	172	34	652	20	**311**	64	1078	98	1730
05:00		9	152			17	**252**				
05:15		12	181			22	**301**				
05:30		14	160			36	**297**				
05:45		37	161	72	654	52	253	127	1103	199	1757
06:00		26	127			51	264				
06:15		29	140			50	251				
06:30		45	134			76	200				
06:45		51	106	151	507	97	172	274	887	425	1394
07:00		64	104			183	161				
07:15		110	111			147	139				
07:30		114	88			**234**	129				
07:45		**205**	83	493	386	**274**	124	838	553	1331	939
08:00		**238**	83			**271**	99				
08:15		**179**	60			**257**	88				
08:30		**130**	62			197	82				
08:45		120	69	667	274	190	86	915	355	1582	629
09:00		135	65			129	87				
09:15		107	67			125	78				
09:30		99	50			136	67				
09:45		127	43	468	225	176	43	566	275	1034	500
10:00		104	55			108	55				
10:15		99	37			144	33				
10:30		111	38			130	40				
10:45		120	48	434	178	136	25	518	153	952	331
11:00		110	32			160	24				
11:15		113	27			156	20				
11:30		135	27			158	12				
11:45		118	27	476	113	151	19	625	75	1101	188
Total		2901	5441	2901	5441	4032	7696	4032	7696	6933	13137
Combined Total		8342		8342		11728		11728		20070	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	752	-	-	-	1036	-	-	-	-	-
P.H.F.		0.790				0.945					
PM Peak	-	-	02:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	754	-	-	-	1161	-	-	-	-
P.H.F.			0.776				0.933				
Percentage		34.8%	65.2%			34.4%	65.6%				
ADT/AADT		ADT 20,070		AADT 20,070							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Barranca Parkway - Alton Parkway

File Name 278
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	4			0	5				
12:15	0	5			0	7				
12:30	1	5			1	6				
12:45	0	2	1	16	0	11	1	29	2	45
1:00	0	6			0	6				
1:15	0	0			0	9				
1:30	0	8			0	12				
1:45	0	3	0	17	0	10	0	37	0	54
2:00	0	0			0	5				
2:15	0	3			0	8				
2:30	0	2			0	3				
2:45	0	3	0	8	0	1	0	17	0	25
3:00	0	5			0	5				
3:15	0	4			0	5				
3:30	0	7			0	4				
3:45	0	3	0	19	0	8	0	22	0	41
4:00	0	4			0	5				
4:15	0	3			0	2				
4:30	0	11			0	10				
4:45	1	10	1	28	0	2	0	19	1	47
5:00	2	9			0	12				
5:15	2	22			1	4				
5:30	1	9			0	4				
5:45	2	12	7	52	2	2	3	22	10	74
6:00	0	11			0	4				
6:15	0	13			1	0				
6:30	5	6			5	1				
6:45	0	6	5	36	2	1	8	6	13	42
7:00	0	6			5	1				
7:15	0	4			6	1				
7:30	2	5			6	2				
7:45	2	4	4	19	6	2	23	6	27	25
8:00	1	1			14	2				
8:15	1	2			15	0				
8:30	1	2			19	1				
8:45	1	1	4	6	21	3	69	6	73	12
9:00	1	1			15	1				
9:15	4	1			25	2				
9:30	1	0			30	0				
9:45	3	1	9	3	28	1	98	4	107	7
10:00	2	2			18	1				
10:15	1	1			18	1				
10:30	6	1			18	1				
10:45	4	1	13	5	12	0	66	3	79	8
11:00	3	0			6	0				
11:15	5	1			3	1				
11:30	4	0			10	0				
11:45	5	1	17	2	10	1	29	2	46	4
Totals	61	211			297	173				
Combined Totals		272				470				
ADT										742
AM Peak Hour	1030	AM			915	AM				
Volume	18				101					
P.H.F.	0.750				0.842					
PM Peak Hour		515	PM			2445	PM			
Volume		54				38				
P.H.F.		0.614				0.792				
Percentage	22.4%	77.6%			63.2%	36.8%				

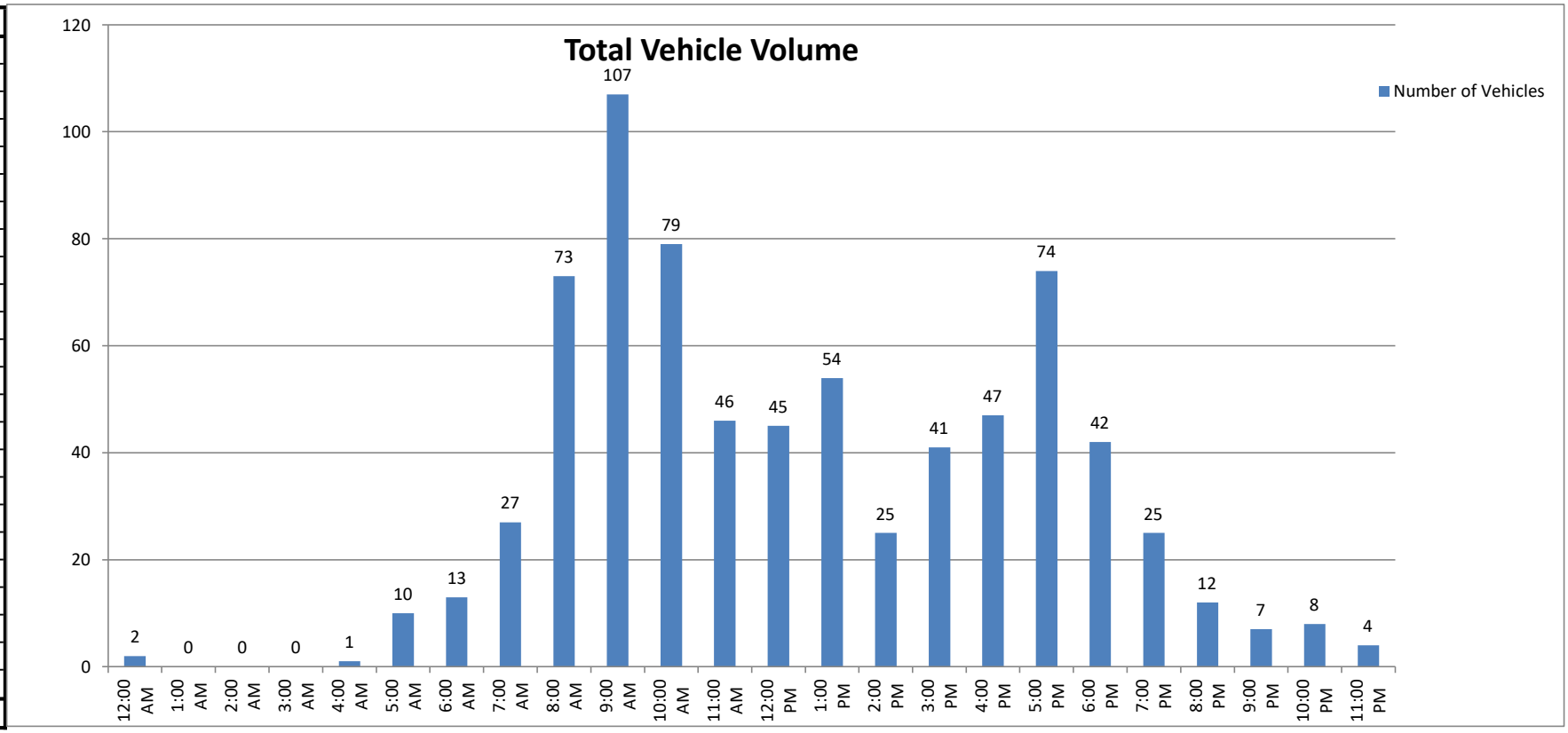
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Marine Way
B/ Barranca Parkway - Alton Parkway
3/19/2024

Start Time	3/19/2024
12:00 AM	2
1:00 AM	0
2:00 AM	0
3:00 AM	0
4:00 AM	1
5:00 AM	10
6:00 AM	13
7:00 AM	27
8:00 AM	73
9:00 AM	107
10:00 AM	79
11:00 AM	46
12:00 PM	45
1:00 PM	54
2:00 PM	25
3:00 PM	41
4:00 PM	47
5:00 PM	74
6:00 PM	42
7:00 PM	25
8:00 PM	12
9:00 PM	7
10:00 PM	8
11:00 PM	4
Total	742



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Barranca Parkway - Alton Parkway

File Name 278
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	3			0	7				
12:15	0	1			0	3				
12:30	0	6			0	8				
12:45	1	4	2	14	1	10	1	28	3	42
1:00	0	4			0	6				
1:15	0	5			0	11				
1:30	0	3			0	13				
1:45	0	3	0	15	0	15	0	45	0	60
2:00	0	6			0	3				
2:15	0	5			0	5				
2:30	0	2			0	3				
2:45	0	7	0	20	0	6	0	17	0	37
3:00	0	3			0	6				
3:15	0	5			0	3				
3:30	0	5			0	3				
3:45	0	9	0	22	0	1	0	13	0	35
4:00	0	8			0	5				
4:15	0	7			0	0				
4:30	0	8			0	3				
4:45	1	8	1	31	0	3	0	11	1	42
5:00	1	10			0	2				
5:15	2	18			0	3				
5:30	3	7			0	1				
5:45	1	10	7	45	2	4	2	10	9	55
6:00	1	12			3	3				
6:15	0	6			1	0				
6:30	0	14			1	1				
6:45	0	6	1	38	5	0	10	4	11	42
7:00	1	3			5	0				
7:15	1	2			5	1				
7:30	2	3			6	2				
7:45	1	3	5	11	10	0	26	3	31	14
8:00	0	2			16	1				
8:15	1	1			19	0				
8:30	1	1			19	2				
8:45	4	3	6	7	28	1	82	4	88	11
9:00	3	3			24	2				
9:15	1	1			20	1				
9:30	2	1			32	0				
9:45	3	1	9	6	22	0	98	3	107	9
10:00	2	0			19	0				
10:15	4	1			16	1				
10:30	4	0			11	0				
10:45	0	2	10	3	9	1	55	2	65	5
11:00	2	1			11	0				
11:15	2	0			6	1				
11:30	10	0			6	0				
11:45	5	0	19	1	4	0	27	1	46	2
Totals	60	213			301	141				
Combined Totals		273				442				
ADT										715
AM Peak Hour	1100	AM			845	AM				
Volume	19				104					
P.H.F.	0.475				0.813					
PM Peak Hour		515	PM			100	PM			
Volume		47				45				
P.H.F.		0.653				0.750				
Percentage	22.0%	78.0%			68.1%	31.9%				

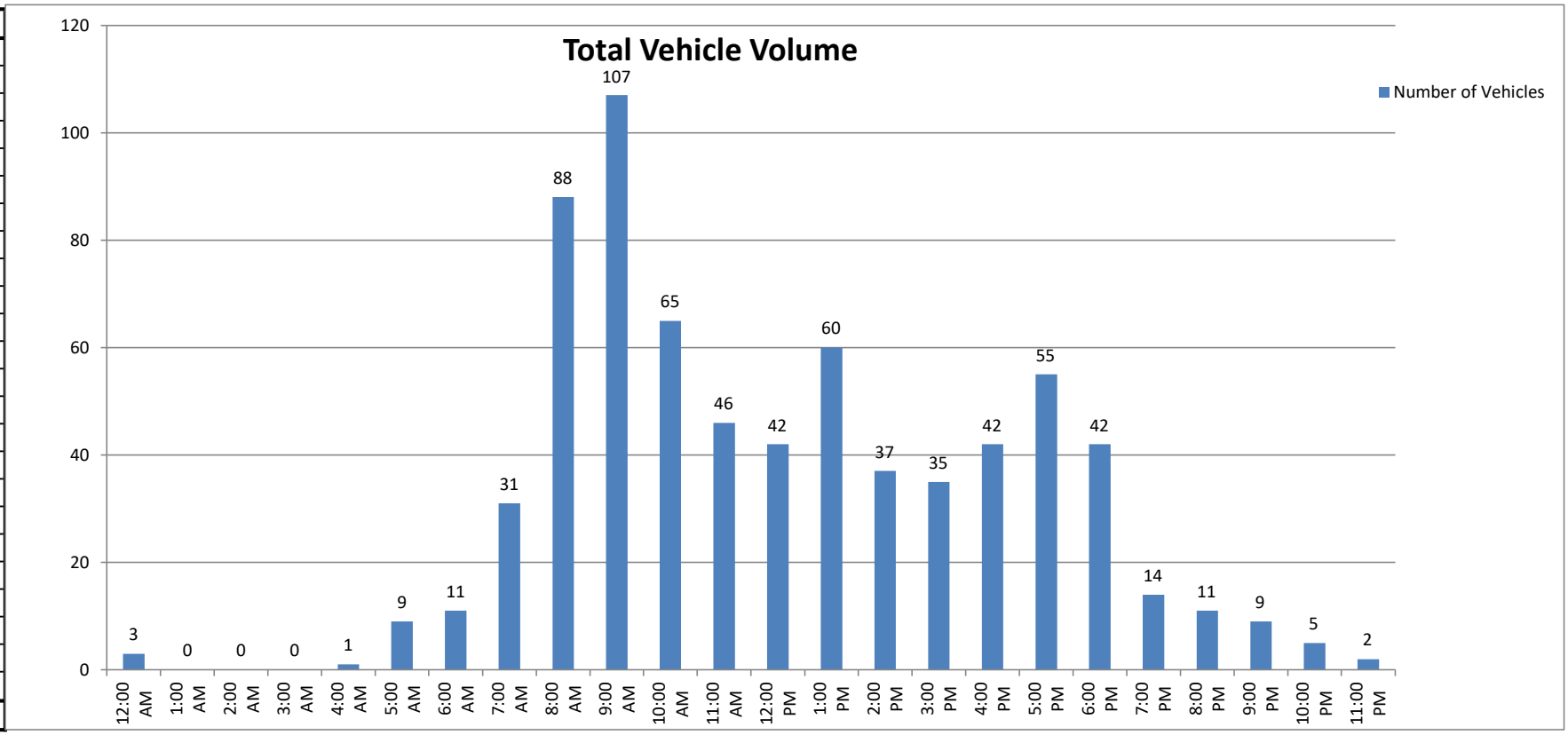
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Marine Way
B/ Barranca Parkway - Alton Parkway
3/20/2024

Start Time	3/20/2024
12:00 AM	3
1:00 AM	0
2:00 AM	0
3:00 AM	0
4:00 AM	1
5:00 AM	9
6:00 AM	11
7:00 AM	31
8:00 AM	88
9:00 AM	107
10:00 AM	65
11:00 AM	46
12:00 PM	42
1:00 PM	60
2:00 PM	37
3:00 PM	35
4:00 PM	42
5:00 PM	55
6:00 PM	42
7:00 PM	14
8:00 PM	11
9:00 PM	9
10:00 PM	5
11:00 PM	2
Total	715



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Barranca Parkway - Alton Parkway

File Name 278
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	4			0	6				
12:15	0	3			0	5				
12:30	1	6			1	7				
12:45	1	3	2	15	1	11	1	29	3	44
1:00	0	5			0	6				
1:15	0	3			0	10				
1:30	0	6			0	13				
1:45	0	3	0	16	0	13	0	41	0	57
2:00	0	3			0	4				
2:15	0	4			0	7				
2:30	0	2			0	3				
2:45	0	5	0	14	0	4	0	17	0	31
3:00	0	4			0	6				
3:15	0	5			0	4				
3:30	0	6			0	4				
3:45	0	6	0	21	0	5	0	18	0	38
4:00	0	6			0	5				
4:15	0	5			0	1				
4:30	0	10			0	7				
4:45	1	9	1	30	0	3	0	15	1	45
5:00	2	10			0	7				
5:15	2	20			1	4				
5:30	2	8			0	3				
5:45	2	11	7	49	2	3	3	16	10	65
6:00	1	12			2	4				
6:15	0	10			1	0				
6:30	3	10			3	1				
6:45	0	6	3	37	4	1	9	5	12	42
7:00	1	5			5	1				
7:15	1	3			6	1				
7:30	2	4			6	2				
7:45	2	4	5	15	8	1	25	5	29	20
8:00	1	2			15	2				
8:15	1	2			17	0				
8:30	1	2			19	2				
8:45	3	2	5	7	25	2	76	5	81	12
9:00	2	2			20	2				
9:15	3	1			23	2				
9:30	2	1			31	0				
9:45	3	1	9	5	25	1	98	4	107	8
10:00	2	1			19	1				
10:15	3	1			17	1				
10:30	5	1			15	1				
10:45	2	2	12	4	11	1	61	3	72	7
11:00	3	1			9	0				
11:15	4	1			5	1				
11:30	7	0			8	0				
11:45	5	1	18	2	7	1	28	2	46	3
Totals	61	212			299	157				
Combined Totals		273				456				
ADT										729
AM Peak Hour	1100	AM			900	AM				
Volume	18				98					
P.H.F.	0.643				0.790					
PM Peak Hour		515	PM			100	PM			
Volume		51				41				
P.H.F.		0.631				0.820				
Percentage	22.2%	77.8%			65.6%	34.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Ridge Valley - Skyhawk

File Name 277
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	46			0	34				
12:15	0	42			5	40				
12:30	0	38			0	50				
12:45	0	24	0	150	0	34	5	158	5	308
1:00	0	27			0	30				
1:15	0	32			0	38				
1:30	0	43			0	44				
1:45	0	38	0	140	0	34	0	146	0	286
2:00	0	40			0	56				
2:15	1	26			0	49				
2:30	0	49			2	60				
2:45	2	36	3	151	0	32	2	197	5	348
3:00	2	40			5	60				
3:15	2	38			5	44				
3:30	4	58			0	74				
3:45	8	52	16	188	4	56	14	234	30	422
4:00	3	84			14	57				
4:15	7	122			4	78				
4:30	10	107			0	69				
4:45	24	76	44	389	4	52	22	256	66	645
5:00	27	60			10	72				
5:15	40	50			15	37				
5:30	47	124			6	34				
5:45	90	161	204	395	18	99	49	242	253	637
6:00	69	82			14	214				
6:15	52	66			15	70				
6:30	34	68			28	33				
6:45	46	98	201	314	44	66	101	383	302	697
7:00	38	85			42	62				
7:15	41	132			40	102				
7:30	25	63			36	214				
7:45	38	22	142	302	26	76	144	454	286	756
8:00	46	24			38	45				
8:15	38	40			34	34				
8:30	43	72			22	46				
8:45	60	70	187	206	39	84	133	209	320	415
9:00	34	30			30	218				
9:15	30	14			28	52				
9:30	33	16			25	22				
9:45	41	10	138	70	34	23	117	315	255	385
10:00	30	4			22	25				
10:15	34	3			36	26				
10:30	32	2			40	16				
10:45	54	0	150	9	37	31	135	98	285	107
11:00	38	1			30	72				
11:15	30	0			31	47				
11:30	34	0			42	5				
11:45	41	2	143	3	38	0	141	124	284	127
Totals	1228	2317			863	2816				
Combined Totals		3545				3679				
ADT										7224
AM Peak Hour	530	AM			645	AM				
Volume	258				162					
P.H.F.	0.717				0.920					
PM Peak Hour		530	PM			700	PM			
Volume		433				454				
P.H.F.		0.672				0.530				
Percentage	34.6%	65.4%			23.5%	76.5%				

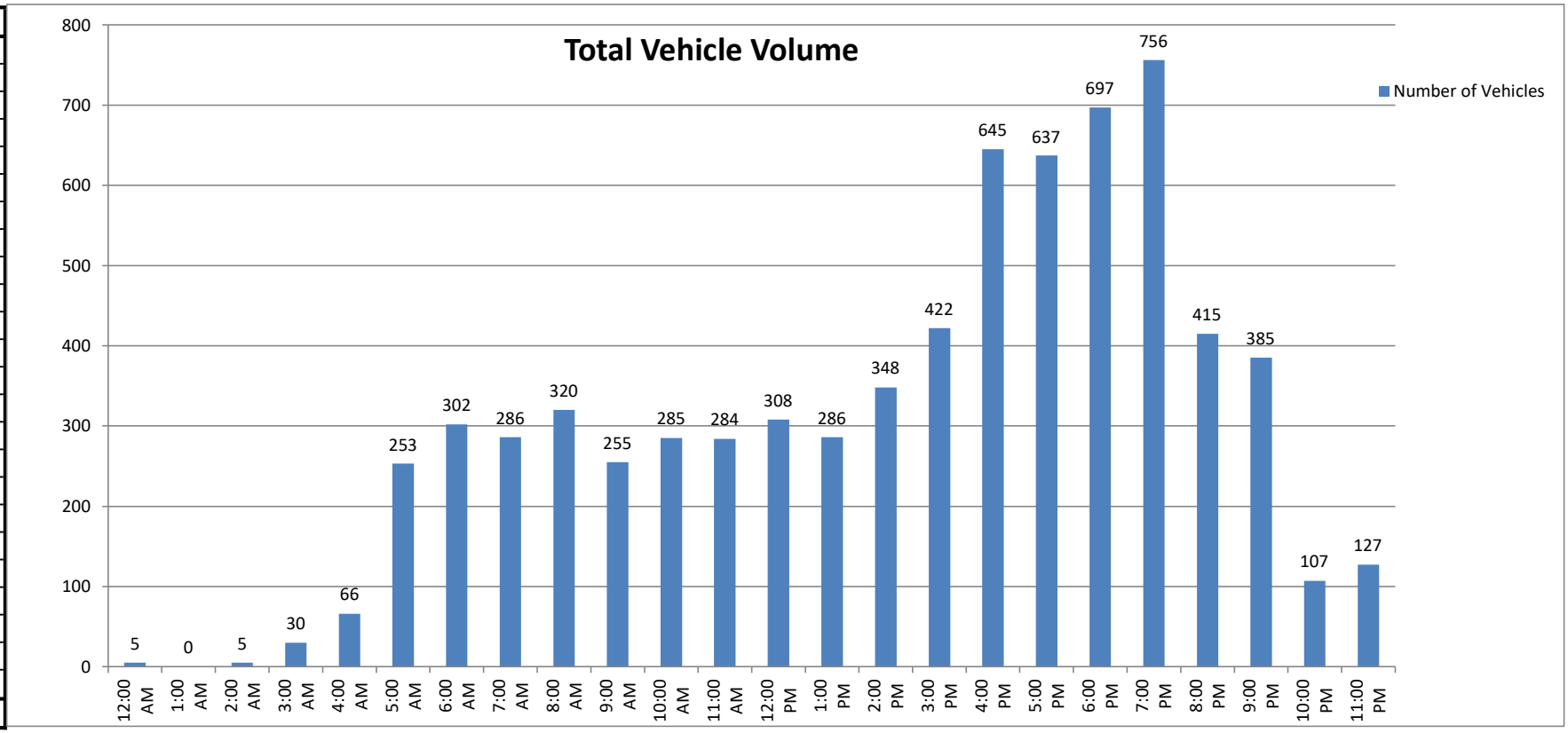
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Marine Way
B/ Ridge Valley - Skyhawk
3/19/2024

Start Time	3/19/2024
12:00 AM	5
1:00 AM	0
2:00 AM	5
3:00 AM	30
4:00 AM	66
5:00 AM	253
6:00 AM	302
7:00 AM	286
8:00 AM	320
9:00 AM	255
10:00 AM	285
11:00 AM	284
12:00 PM	308
1:00 PM	286
2:00 PM	348
3:00 PM	422
4:00 PM	645
5:00 PM	637
6:00 PM	697
7:00 PM	756
8:00 PM	415
9:00 PM	385
10:00 PM	107
11:00 PM	127
Total	7224



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Ridge Valley - Skyhawk

File Name 277
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	42			0	37				
12:15	4	46			0	36				
12:30	1	50			0	22				
12:45	4	40	9	178	0	28	0	123	9	301
1:00	0	48			0	68				
1:15	0	42			0	36				
1:30	4	26			0	50				
1:45	6	34	10	150	0	24	0	178	10	328
2:00	3	24			0	58				
2:15	2	28			6	54				
2:30	4	32			3	71				
2:45	7	40	16	124	2	36	11	219	27	343
3:00	8	44			6	72				
3:15	15	44			14	57				
3:30	5	36			3	68				
3:45	10	47	38	171	14	37	37	234	75	405
4:00	7	78			6	62				
4:15	5	147			4	61				
4:30	13	88			6	52				
4:45	26	88	51	401	5	40	21	215	72	616
5:00	24	60			10	57				
5:15	34	83			18	44				
5:30	40	132			4	57				
5:45	70	158	168	433	14	82	46	240	214	673
6:00	64	86			14	188				
6:15	62	77			22	47				
6:30	50	86			20	43				
6:45	54	91	230	340	50	41	106	319	336	659
7:00	50	116			34	74				
7:15	52	143			43	143				
7:30	68	44			38	224				
7:45	35	24	205	327	27	79	142	520	347	847
8:00	48	26			34	55				
8:15	28	23			23	48				
8:30	36	50			10	52				
8:45	55	50	167	149	44	48	111	203	278	352
9:00	24	19			26	161				
9:15	43	12			36	115				
9:30	26	15			25	43				
9:45	34	6	127	52	38	34	125	353	252	405
10:00	34	3			33	27				
10:15	26	4			29	25				
10:30	38	1			36	18				
10:45	34	2	132	10	35	28	133	98	265	108
11:00	28	0			39	48				
11:15	34	1			70	12				
11:30	34	0			24	1				
11:45	26	0	122	1	40	1	173	62	295	63
Totals	1275	2336			905	2764				
Combined Totals		3611				3669				
ADT										7280
AM Peak Hour	545	AM			1030	AM				
Volume	246				180					
P.H.F.	0.879				0.643					
PM Peak Hour		515	PM			700	PM			
Volume		459				520				
P.H.F.		0.726				0.580				
Percentage	35.3%	64.7%			24.7%	75.3%				

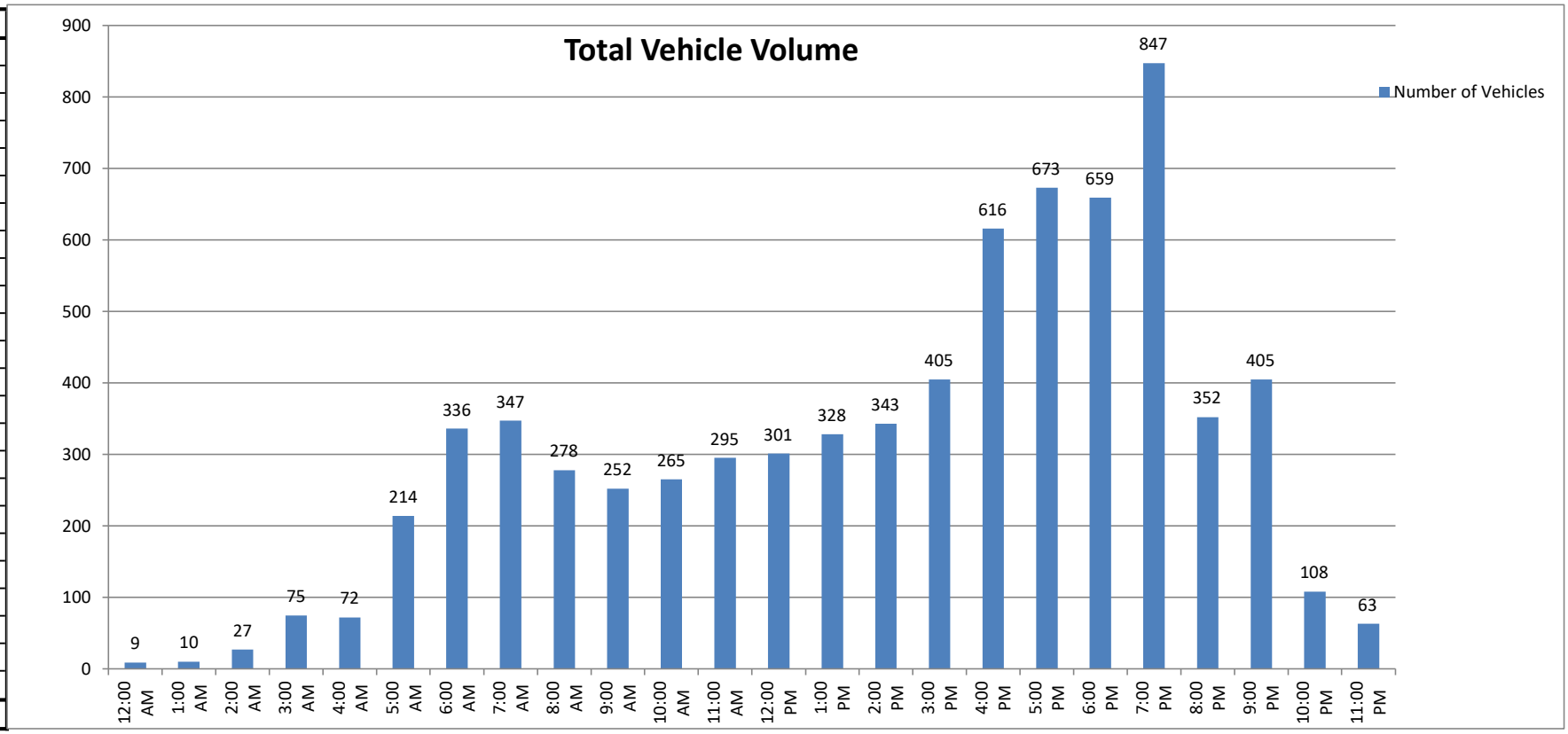
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Marine Way
B/ Ridge Valley - Skyhawk
3/20/2024

Start Time	3/20/2024
12:00 AM	9
1:00 AM	10
2:00 AM	27
3:00 AM	75
4:00 AM	72
5:00 AM	214
6:00 AM	336
7:00 AM	347
8:00 AM	278
9:00 AM	252
10:00 AM	265
11:00 AM	295
12:00 PM	301
1:00 PM	328
2:00 PM	343
3:00 PM	405
4:00 PM	616
5:00 PM	673
6:00 PM	659
7:00 PM	847
8:00 PM	352
9:00 PM	405
10:00 PM	108
11:00 PM	63
Total	7280



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Ridge Valley - Skyhawk

File Name 277
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	44			0	36				
12:15	2	44			3	38				
12:30	1	44			0	36				
12:45	2	32	5	164	0	31	3	141	7	305
1:00	0	38			0	49				
1:15	0	37			0	37				
1:30	2	35			0	47				
1:45	3	36	5	145	0	29	0	162	5	307
2:00	2	32			0	57				
2:15	2	27			3	52				
2:30	2	41			3	66				
2:45	5	38	10	138	1	34	7	208	16	346
3:00	5	42			6	66				
3:15	9	41			10	51				
3:30	5	47			2	71				
3:45	9	50	27	180	9	47	26	234	53	414
4:00	5	81			10	60				
4:15	6	135			4	70				
4:30	12	98			3	61				
4:45	25	82	48	395	5	46	22	236	69	631
5:00	26	60			10	65				
5:15	37	67			17	41				
5:30	44	128			5	46				
5:45	80	160	186	414	16	91	48	241	234	655
6:00	67	84			14	201				
6:15	57	72			19	59				
6:30	42	77			24	38				
6:45	50	95	216	327	47	54	104	351	319	678
7:00	44	101			38	68				
7:15	47	138			42	123				
7:30	47	54			37	219				
7:45	37	23	174	315	27	78	143	487	317	802
8:00	47	25			36	50				
8:15	33	32			29	41				
8:30	40	61			16	49				
8:45	58	60	177	178	42	66	122	206	299	384
9:00	29	25			28	190				
9:15	37	13			32	84				
9:30	30	16			25	33				
9:45	38	8	133	61	36	29	121	334	254	395
10:00	32	4			28	26				
10:15	30	4			33	26				
10:30	35	2			38	17				
10:45	44	1	141	10	36	30	134	98	275	108
11:00	33	1			35	60				
11:15	32	1			51	30				
11:30	34	0			33	3				
11:45	34	1	133	2	39	1	157	93	290	95
Totals	1252	2327			884	2790				
Combined Totals		3578				3674				
ADT										7252
AM Peak Hour	530	AM			645	AM				
Volume	247				164					
P.H.F.	0.772				0.870					
PM Peak Hour		530	PM			700	PM			
Volume		443				487				
P.H.F.		0.694				0.556				
Percentage	35.0%	65.0%			24.1%	75.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Sand Canyon Avenue - Ridge Valley

File Name 276
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	108			2	65				
12:15	3	103			6	84				
12:30	2	87			6	106				
12:45	3	88	15	386	2	110	16	365	31	751
1:00	3	70			3	70				
1:15	2	65			2	91				
1:30	1	107			3	104				
1:45	2	101	8	343	1	112	9	377	17	720
2:00	0	103			3	128				
2:15	1	78			0	102				
2:30	2	108			0	137				
2:45	1	120	4	409	4	80	7	447	11	856
3:00	2	112			5	110				
3:15	4	118			7	99				
3:30	2	108			3	124				
3:45	10	172	18	510	5	106	20	439	38	949
4:00	8	182			12	110				
4:15	5	254			1	113				
4:30	10	200			10	144				
4:45	26	242	49	878	6	92	29	459	78	1337
5:00	29	200			10	144				
5:15	49	182			24	123				
5:30	54	273			20	80				
5:45	109	331	241	986	34	132	88	479	329	1465
6:00	100	234			33	225				
6:15	89	199			34	192				
6:30	58	182			40	98				
6:45	72	228	319	843	64	130	171	645	490	1488
7:00	58	176			74	131				
7:15	71	210			108	165				
7:30	60	134			119	270				
7:45	54	90	243	610	130	178	431	744	674	1354
8:00	96	88			156	125				
8:15	86	107			172	88				
8:30	79	142			152	76				
8:45	112	148	373	485	128	84	608	373	981	858
9:00	80	114			92	267				
9:15	78	87			98	147				
9:30	88	53			112	54				
9:45	89	45	335	299	80	60	382	528	717	827
10:00	78	32			85	76				
10:15	68	34			95	65				
10:30	60	19			86	29				
10:45	92	17	298	102	109	36	375	206	673	308
11:00	78	25			80	72				
11:15	73	12			87	106				
11:30	72	11			67	35				
11:45	96	7	319	55	94	16	328	229	647	284
Totals	2222	5906			2464	5291				
Combined Totals		8128				7755				
ADT										15883
AM Peak Hour	800	AM			745	AM				
Volume	373				610					
P.H.F.	0.833				0.887					
PM Peak Hour		530	PM			700	PM			
Volume		1037				744				
P.H.F.		0.783				0.689				
Percentage	27.3%	72.7%			31.8%	68.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
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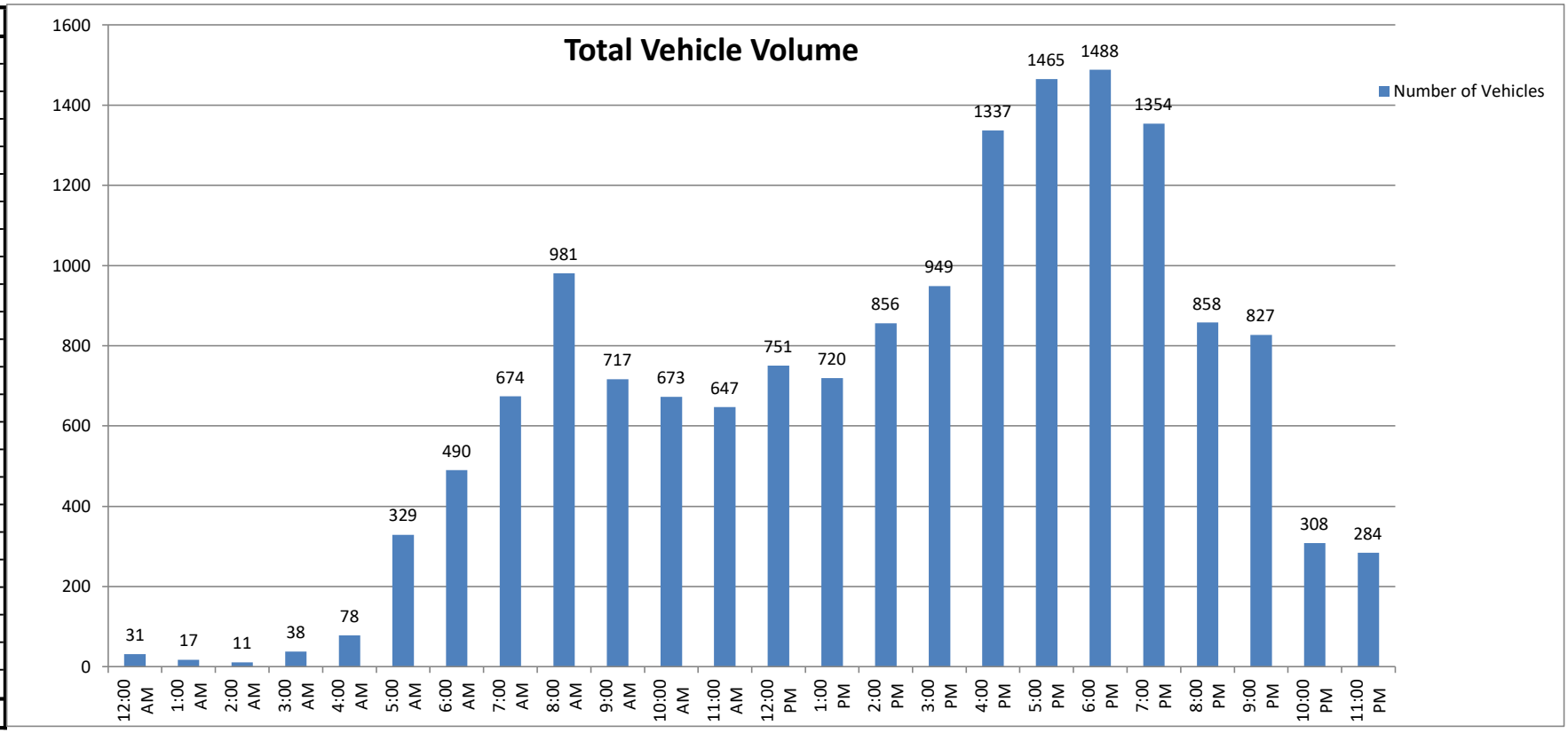
24 Hour Volume Plot

Marine Way

B/ Sand Canyon Avenue - Ridge Valley

3/19/2024

Start Time	3/19/2024
12:00 AM	31
1:00 AM	17
2:00 AM	11
3:00 AM	38
4:00 AM	78
5:00 AM	329
6:00 AM	490
7:00 AM	674
8:00 AM	981
9:00 AM	717
10:00 AM	673
11:00 AM	647
12:00 PM	751
1:00 PM	720
2:00 PM	856
3:00 PM	949
4:00 PM	1337
5:00 PM	1465
6:00 PM	1488
7:00 PM	1354
8:00 PM	858
9:00 PM	827
10:00 PM	308
11:00 PM	284
Total	15883



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Sand Canyon Avenue - Ridge Valley

File Name 276
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	104			12	80				
12:15	4	122			7	72				
12:30	7	120			3	92				
12:45	9	97	25	443	3	68	25	312	50	755
1:00	1	102			5	138				
1:15	2	100			0	111				
1:30	4	90			2	77				
1:45	9	92	16	384	1	88	8	414	24	798
2:00	5	74			0	116				
2:15	3	68			8	102				
2:30	6	86			3	122				
2:45	5	103	19	331	2	102	13	442	32	773
3:00	11	124			6	108				
3:15	16	118			14	118				
3:30	8	102			5	124				
3:45	13	159	48	503	19	100	44	450	92	953
4:00	6	145			10	113				
4:15	8	234			6	110				
4:30	14	212			10	94				
4:45	26	230	54	821	4	100	30	417	84	1238
5:00	28	198			16	91				
5:15	44	216			25	112				
5:30	51	270			16	97				
5:45	92	336	215	1020	18	128	75	428	290	1448
6:00	82	234			32	234				
6:15	80	246			39	140				
6:30	78	214			46	128				
6:45	79	222	319	916	58	143	175	645	494	1561
7:00	82	233			81	112				
7:15	69	244			88	194				
7:30	101	134			120	223				
7:45	77	110	329	721	145	225	434	754	763	1475
8:00	82	86			142	133				
8:15	72	119			160	120				
8:30	78	150			118	78				
8:45	96	124	328	479	146	92	566	423	894	902
9:00	80	62			94	161				
9:15	87	54			120	192				
9:30	54	49			93	156				
9:45	82	62	303	227	117	121	424	630	727	857
10:00	78	52			88	98				
10:15	46	34			76	61				
10:30	79	21			72	74				
10:45	80	22	283	129	104	49	340	282	623	411
11:00	66	15			91	64				
11:15	78	9			112	30				
11:30	80	11			79	12				
11:45	80	7	304	42	78	23	360	129	664	171
Totals	2243	6016			2494	5326				
Combined Totals		8259				7820				
ADT										16079
AM Peak Hour	830	AM			730	AM				
Volume	341				567					
P.H.F.	0.888				0.886					
PM Peak Hour		530	PM			715	PM			
Volume		1086				775				
P.H.F.		0.808				0.861				
Percentage	27.2%	72.8%			31.9%	68.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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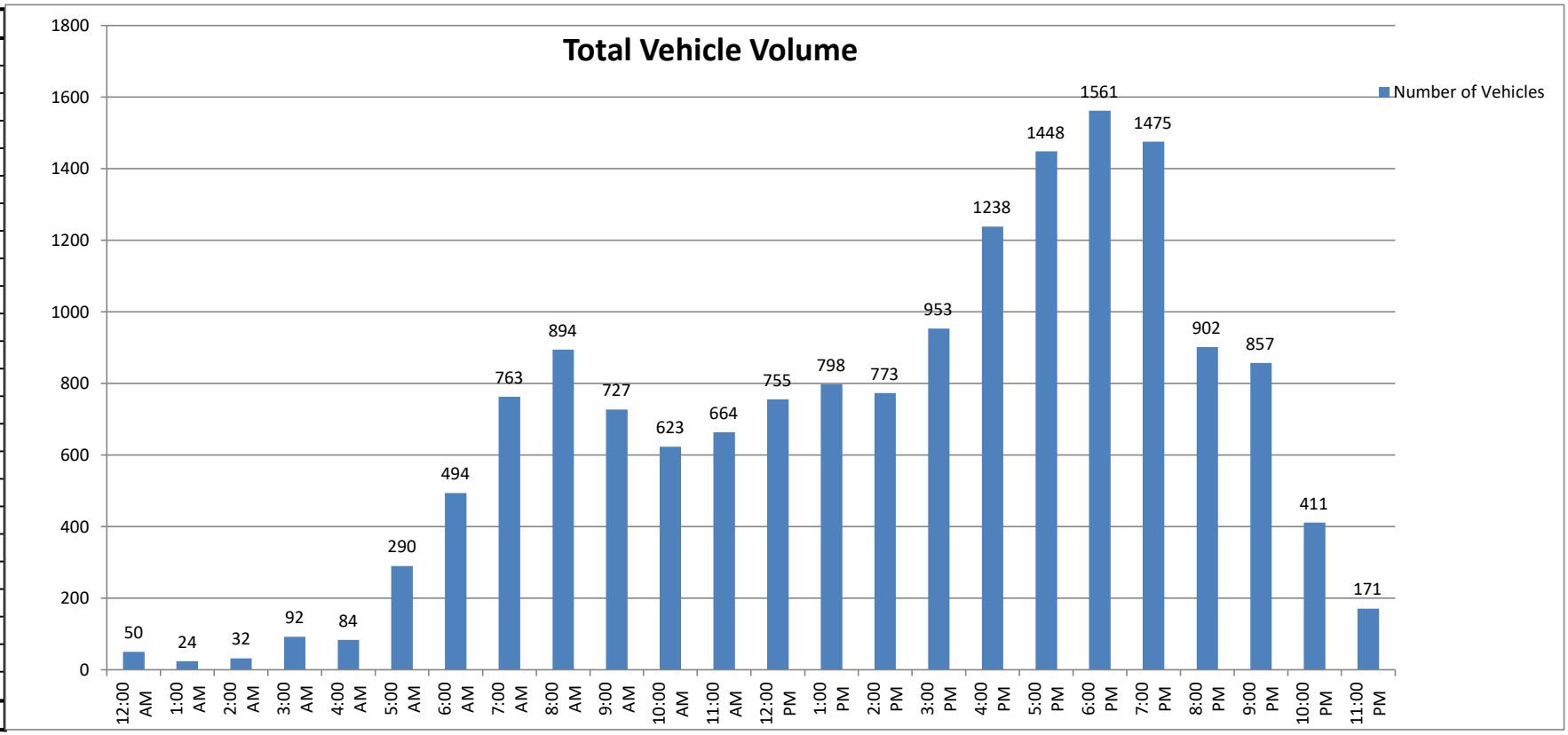
24 Hour Volume Plot

Marine Way

B/ Sand Canyon Avenue - Ridge Valley

3/20/2024

Start Time	3/20/2024
12:00 AM	50
1:00 AM	24
2:00 AM	32
3:00 AM	92
4:00 AM	84
5:00 AM	290
6:00 AM	494
7:00 AM	763
8:00 AM	894
9:00 AM	727
10:00 AM	623
11:00 AM	664
12:00 PM	755
1:00 PM	798
2:00 PM	773
3:00 PM	953
4:00 PM	1238
5:00 PM	1448
6:00 PM	1561
7:00 PM	1475
8:00 PM	902
9:00 PM	857
10:00 PM	411
11:00 PM	171
Total	16079



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Marine Way
B/ Sand Canyon Avenue - Ridge Valley

File Name 276
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	106			7	73				
12:15	4	113			7	78				
12:30	5	104			5	99				
12:45	6	93	20	415	3	89	21	339	41	753
1:00	2	86			4	104				
1:15	2	83			1	101				
1:30	3	99			3	91				
1:45	6	97	12	364	1	100	9	396	21	759
2:00	3	89			2	122				
2:15	2	73			4	102				
2:30	4	97			2	130				
2:45	3	112	12	370	3	91	10	445	22	815
3:00	7	118			6	109				
3:15	10	118			11	109				
3:30	5	105			4	124				
3:45	12	166	33	507	12	103	32	445	65	951
4:00	7	164			11	112				
4:15	7	244			4	112				
4:30	12	206			10	119				
4:45	26	236	52	850	5	96	30	438	81	1288
5:00	29	199			13	118				
5:15	47	199			25	118				
5:30	53	272			18	89				
5:45	101	334	228	1003	26	130	82	454	310	1457
6:00	91	234			33	230				
6:15	85	223			37	166				
6:30	68	198			43	113				
6:45	76	225	319	880	61	137	173	645	492	1525
7:00	70	205			78	122				
7:15	70	227			98	180				
7:30	81	134			120	247				
7:45	66	100	286	666	138	202	433	749	719	1415
8:00	89	87			149	129				
8:15	79	113			166	104				
8:30	79	146			135	77				
8:45	104	136	351	482	137	88	587	398	938	880
9:00	80	88			93	214				
9:15	83	71			109	170				
9:30	71	51			103	105				
9:45	86	54	319	263	99	91	403	579	722	842
10:00	78	42			87	87				
10:15	57	34			86	63				
10:30	70	20			79	52				
10:45	86	20	291	116	107	43	358	244	648	360
11:00	72	20			86	68				
11:15	76	11			100	68				
11:30	76	11			73	24				
11:45	88	7	312	49	86	20	344	179	656	228
Totals	2233	5961			2479	5309				
Combined Totals		8194				7788				
ADT										15981
AM Peak Hour	800	AM			745	AM				
Volume	351				588					
P.H.F.	0.843				0.885					
PM Peak Hour		530	PM			715	PM			
Volume		1062				757				
P.H.F.		0.796				0.767				
Percentage	27.2%	72.8%			31.8%	68.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Merit
B/ Candence (EW) - Cadence (NS)

File Name 406
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	6			0	8				
12:15	1	11			0	8				
12:30	0	20			1	11				
12:45	1	10	3	47	1	4	2	31	5	78
1:00	1	8			0	4				
1:15	0	7			0	5				
1:30	0	10			0	3				
1:45	0	13	1	38	0	4	0	16	1	54
2:00	0	9			0	6				
2:15	0	12			0	1				
2:30	0	11			0	8				
2:45	0	5	0	37	0	8	0	23	0	60
3:00	0	14			0	4				
3:15	0	10			0	3				
3:30	0	9			0	4				
3:45	1	8	1	41	1	5	1	16	2	57
4:00	0	4			0	7				
4:15	1	10			0	11				
4:30	0	7			0	10				
4:45	0	10	1	31	0	7	0	35	1	66
5:00	1	7			0	4				
5:15	0	7			0	7				
5:30	1	9			1	6				
5:45	1	5	3	28	2	4	3	21	6	49
6:00	2	4			3	7				
6:15	4	10			5	5				
6:30	4	2			6	5				
6:45	5	6	15	22	9	5	23	22	38	44
7:00	8	5			7	8				
7:15	11	4			4	3				
7:30	9	4			8	2				
7:45	21	0	49	13	10	2	29	15	78	28
8:00	10	4			13	6				
8:15	9	3			8	2				
8:30	17	3			12	0				
8:45	13	3	49	13	6	1	39	9	88	22
9:00	10	0			5	3				
9:15	11	0			3	1				
9:30	6	0			2	2				
9:45	9	1	36	1	6	0	16	6	52	7
10:00	4	0			2	2				
10:15	2	0			4	1				
10:30	6	0			4	1				
10:45	4	0	16	0	12	0	22	4	38	4
11:00	7	0			3	1				
11:15	3	0			6	0				
11:30	10	0			6	0				
11:45	8	0	28	0	3	1	18	2	46	2
Totals	202	271			153	200				
Combined Totals		473				353				
ADT										826
AM Peak Hour	745 AM				745 AM					
Volume	57				43					
P.H.F.	0.679				0.827					
PM Peak Hour		1215 PM				400 PM				
Volume		49				35				
P.H.F.		0.613				0.795				
Percentage	42.7%	57.3%			43.3%	56.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

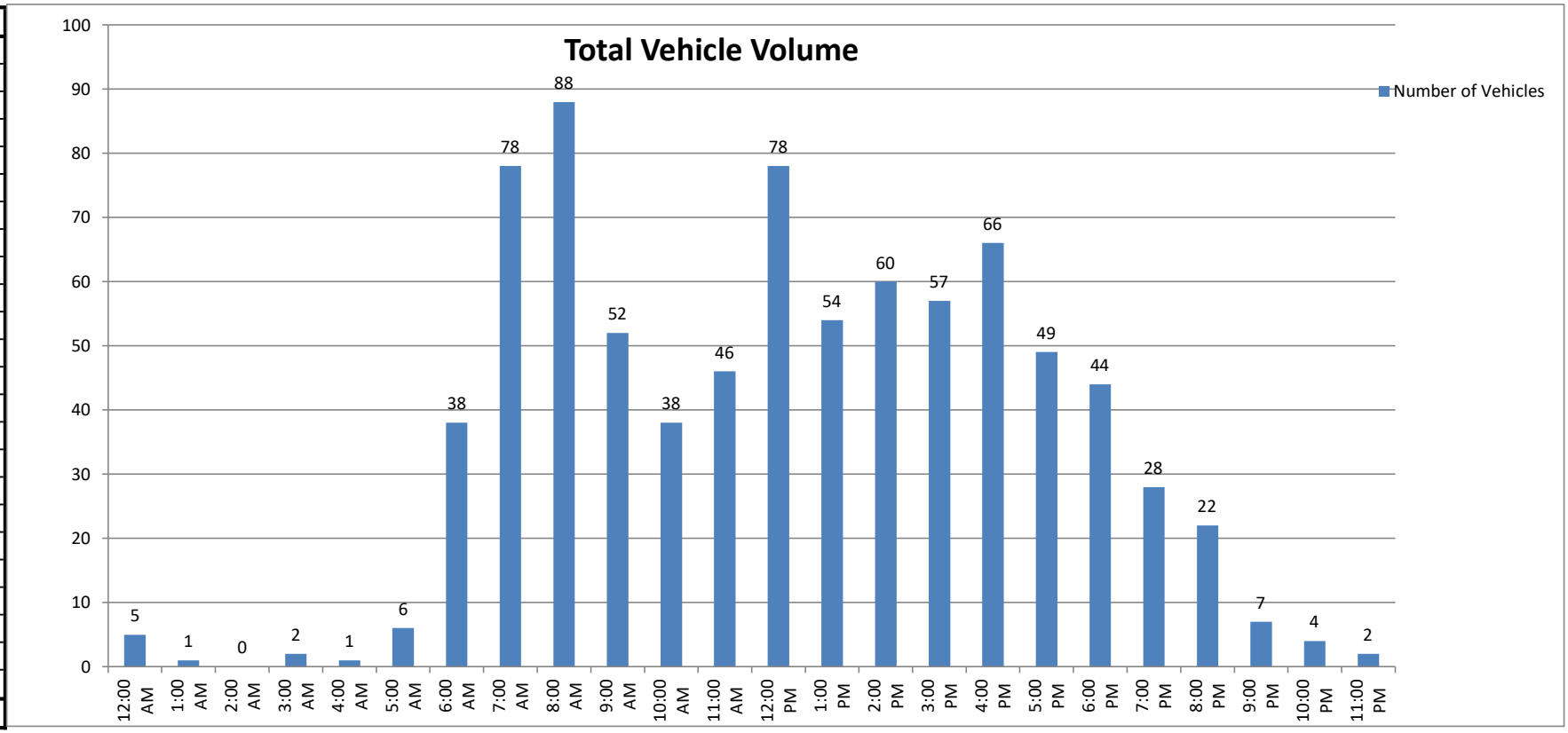
24 Hour Volume Plot

Merit

B/ Candence (EW) - Cadence (NS)

2/27/2024

Start Time	2/27/2024
12:00 AM	5
1:00 AM	1
2:00 AM	0
3:00 AM	2
4:00 AM	1
5:00 AM	6
6:00 AM	38
7:00 AM	78
8:00 AM	88
9:00 AM	52
10:00 AM	38
11:00 AM	46
12:00 PM	78
1:00 PM	54
2:00 PM	60
3:00 PM	57
4:00 PM	66
5:00 PM	49
6:00 PM	44
7:00 PM	28
8:00 PM	22
9:00 PM	7
10:00 PM	4
11:00 PM	2
Total	826



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Merit
B/ Candence (EW) - Cadence (NS)

File Name 406
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	7			0	8				
12:15	0	11			0	8				
12:30	0	11			0	10				
12:45	0	12	0	41	0	2	0	28	0	69
1:00	0	6			0	11				
1:15	0	4			0	10				
1:30	0	7			0	5				
1:45	0	6	0	23	0	9	0	35	0	58
2:00	0	15			0	13				
2:15	0	14			1	4				
2:30	0	9			1	6				
2:45	0	5	0	43	0	3	2	26	2	69
3:00	0	4			0	6				
3:15	0	10			0	10				
3:30	0	12			0	6				
3:45	1	11	1	37	0	4	0	26	1	63
4:00	0	6			0	1				
4:15	0	5			0	10				
4:30	1	7			1	9				
4:45	1	3	2	21	0	6	1	26	3	47
5:00	2	7			0	5				
5:15	0	3			0	4				
5:30	1	8			4	3				
5:45	5	8	8	26	3	7	7	19	15	45
6:00	3	4			2	5				
6:15	0	8			3	9				
6:30	1	6			4	5				
6:45	7	4	11	22	6	5	15	24	26	46
7:00	6	6			3	6				
7:15	5	4			4	4				
7:30	7	1			6	4				
7:45	22	3	40	14	9	5	22	19	62	33
8:00	5	3			6	1				
8:15	18	2			3	3				
8:30	16	1			10	2				
8:45	10	3	49	9	6	2	25	8	74	17
9:00	4	0			3	0				
9:15	11	0			5	3				
9:30	5	1			6	2				
9:45	11	1	31	2	5	2	19	7	50	9
10:00	8	1			5	2				
10:15	7	2			1	0				
10:30	5	0			4	2				
10:45	6	0	26	3	2	1	12	5	38	8
11:00	11	1			6	1				
11:15	13	1			4	0				
11:30	7	0			4	1				
11:45	6	1	37	3	5	0	19	2	56	5
Totals	205	244			122	225				
Combined Totals		449				347				
ADT										796
AM Peak Hour	745	AM			745	AM				
Volume	61				28					
P.H.F.	0.693				0.700					
PM Peak Hour		145	PM			115	PM			
Volume		44				37				
P.H.F.		0.733				0.712				
Percentage	45.7%	54.3%			35.2%	64.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

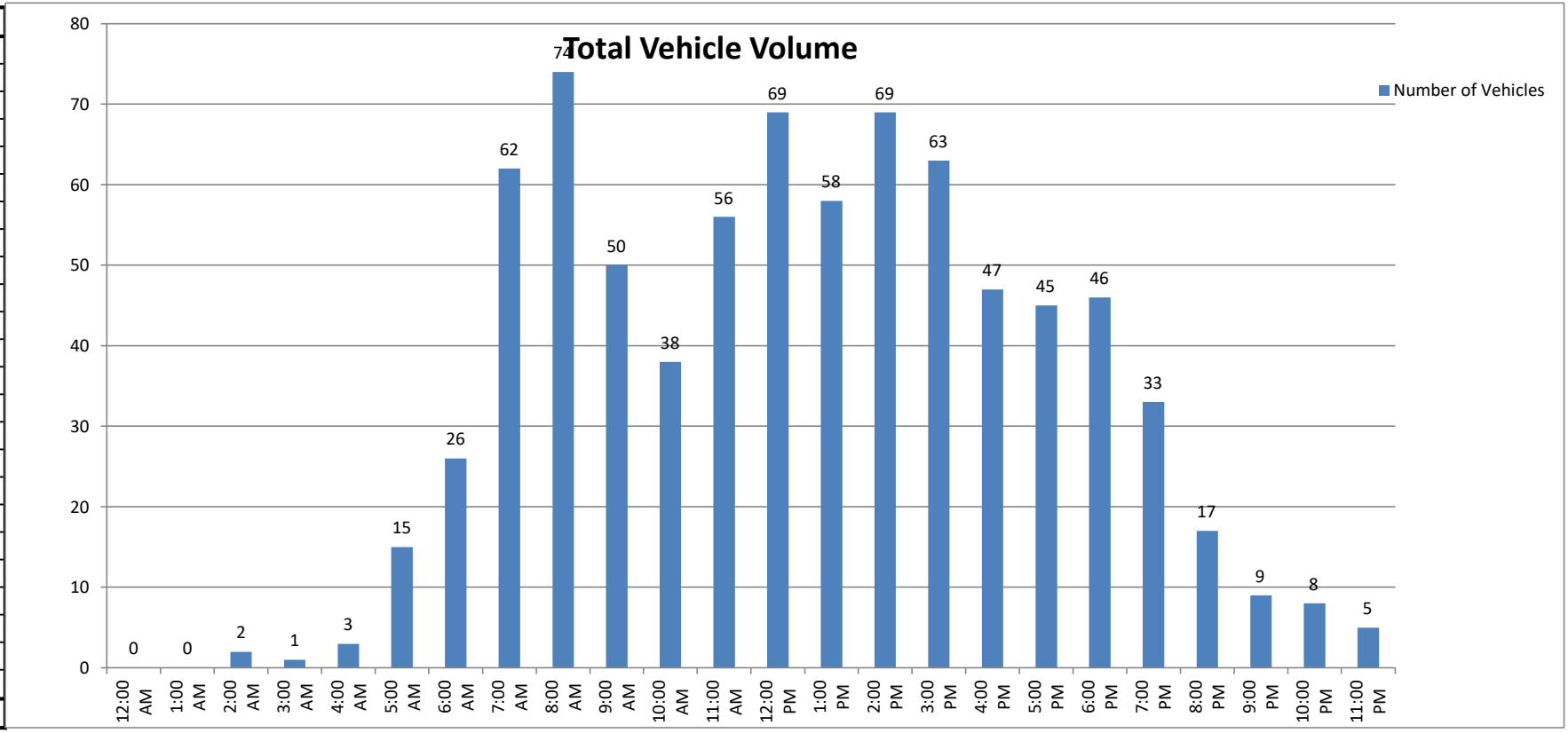
24 Hour Volume Plot

Merit

B/ Candence (EW) - Cadence (NS)

2/28/2024

Start Time	2/28/2024
12:00 AM	0
1:00 AM	0
2:00 AM	2
3:00 AM	1
4:00 AM	3
5:00 AM	15
6:00 AM	26
7:00 AM	62
8:00 AM	74
9:00 AM	50
10:00 AM	38
11:00 AM	56
12:00 PM	69
1:00 PM	58
2:00 PM	69
3:00 PM	63
4:00 PM	47
5:00 PM	45
6:00 PM	46
7:00 PM	33
8:00 PM	17
9:00 PM	9
10:00 PM	8
11:00 PM	5
Total	796



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Merit
B/ Candence (EW) - Cadence (NS)

File Name 406
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	7			0	8				
12:15	1	11			0	8				
12:30	0	16			1	11				
12:45	1	11	2	44	1	3	1	30	3	74
1:00	1	7			0	8				
1:15	0	6			0	8				
1:30	0	9			0	4				
1:45	0	10	1	31	0	7	0	26	1	56
2:00	0	12			0	10				
2:15	0	13			1	3				
2:30	0	10			1	7				
2:45	0	5	0	40	0	6	1	25	1	65
3:00	0	9			0	5				
3:15	0	10			0	7				
3:30	0	11			0	5				
3:45	1	10	1	39	1	5	1	21	2	60
4:00	0	5			0	4				
4:15	1	8			0	11				
4:30	1	7			1	10				
4:45	1	7	2	26	0	7	1	31	2	57
5:00	2	7			0	5				
5:15	0	5			0	6				
5:30	1	9			3	5				
5:45	3	7	6	27	3	6	5	20	11	47
6:00	3	4			3	6				
6:15	2	9			4	7				
6:30	3	4			5	5				
6:45	6	5	13	22	8	5	19	23	32	45
7:00	7	6			5	7				
7:15	8	4			4	4				
7:30	8	3			7	3				
7:45	22	2	45	14	10	4	26	17	70	31
8:00	8	4			10	4				
8:15	14	3			6	3				
8:30	17	2			11	1				
8:45	12	3	49	11	6	2	32	9	81	20
9:00	7	0			4	2				
9:15	11	0			4	2				
9:30	6	1			4	2				
9:45	10	1	34	2	6	1	18	7	51	8
10:00	6	1			4	2				
10:15	5	1			3	1				
10:30	6	0			4	2				
10:45	5	0	21	2	7	1	17	5	38	6
11:00	9	1			5	1				
11:15	8	1			5	0				
11:30	9	0			5	1				
11:45	7	1	33	2	4	1	19	2	51	4
Totals	204	258			138	213				
Combined Totals		461				350				
ADT										811
AM Peak Hour	745 AM				745 AM					
Volume	59				36					
P.H.F.	0.686				0.807					
PM Peak Hour		145 PM				415 PM				
Volume		45				31				
P.H.F.		0.856				0.738				
Percentage	44.1%	55.9%			39.3%	60.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Merit
B/ Irvine Boulevard - Cadence

File Name 284
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	24			4	30				
12:15	2	105			2	27				
12:30	0	23			3	67				
12:45	1	24	6	176	2	33	11	157	17	333
1:00	1	26			1	19				
1:15	2	20			1	12				
1:30	0	32			0	28				
1:45	0	26	3	104	0	31	2	90	5	194
2:00	1	94			0	53				
2:15	0	192			1	22				
2:30	3	47			3	40				
2:45	0	31	4	364	0	34	4	149	8	513
3:00	0	66			1	20				
3:15	0	60			0	26				
3:30	1	80			1	67				
3:45	1	122	2	328	1	21	3	134	5	462
4:00	0	63			0	29				
4:15	1	53			1	31				
4:30	1	92			0	26				
4:45	3	79	5	287	0	31	1	117	6	404
5:00	4	57			2	34				
5:15	3	50			0	35				
5:30	18	44			3	36				
5:45	16	42	41	193	9	40	14	145	55	338
6:00	10	54			9	36				
6:15	13	47			12	36				
6:30	17	27			14	29				
6:45	15	16	55	144	21	39	56	140	111	284
7:00	17	26			16	27				
7:15	31	33			16	19				
7:30	36	26			36	30				
7:45	66	29	150	114	78	17	146	93	296	207
8:00	74	31			49	27				
8:15	95	19			87	22				
8:30	125	13			115	15				
8:45	71	24	365	87	29	5	280	69	645	156
9:00	37	9			13	11				
9:15	48	19			25	10				
9:30	46	27			9	6				
9:45	49	13	180	68	27	8	74	35	254	103
10:00	43	4			32	9				
10:15	38	1			23	10				
10:30	27	6			39	6				
10:45	44	1	152	12	41	5	135	30	287	42
11:00	26	1			23	6				
11:15	25	0			27	4				
11:30	25	0			18	4				
11:45	16	4	92	5	19	2	87	16	179	21
Totals	1055	1882			813	1175				
Combined Totals		2937				1988				
ADT										4925
AM Peak Hour	800	AM			745	AM				
Volume	365				329					
P.H.F.	0.730				0.715					
PM Peak Hour		200	PM			1200	PM			
Volume		364				157				
P.H.F.		0.474				0.586				
Percentage	35.9%	64.1%			40.9%	59.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

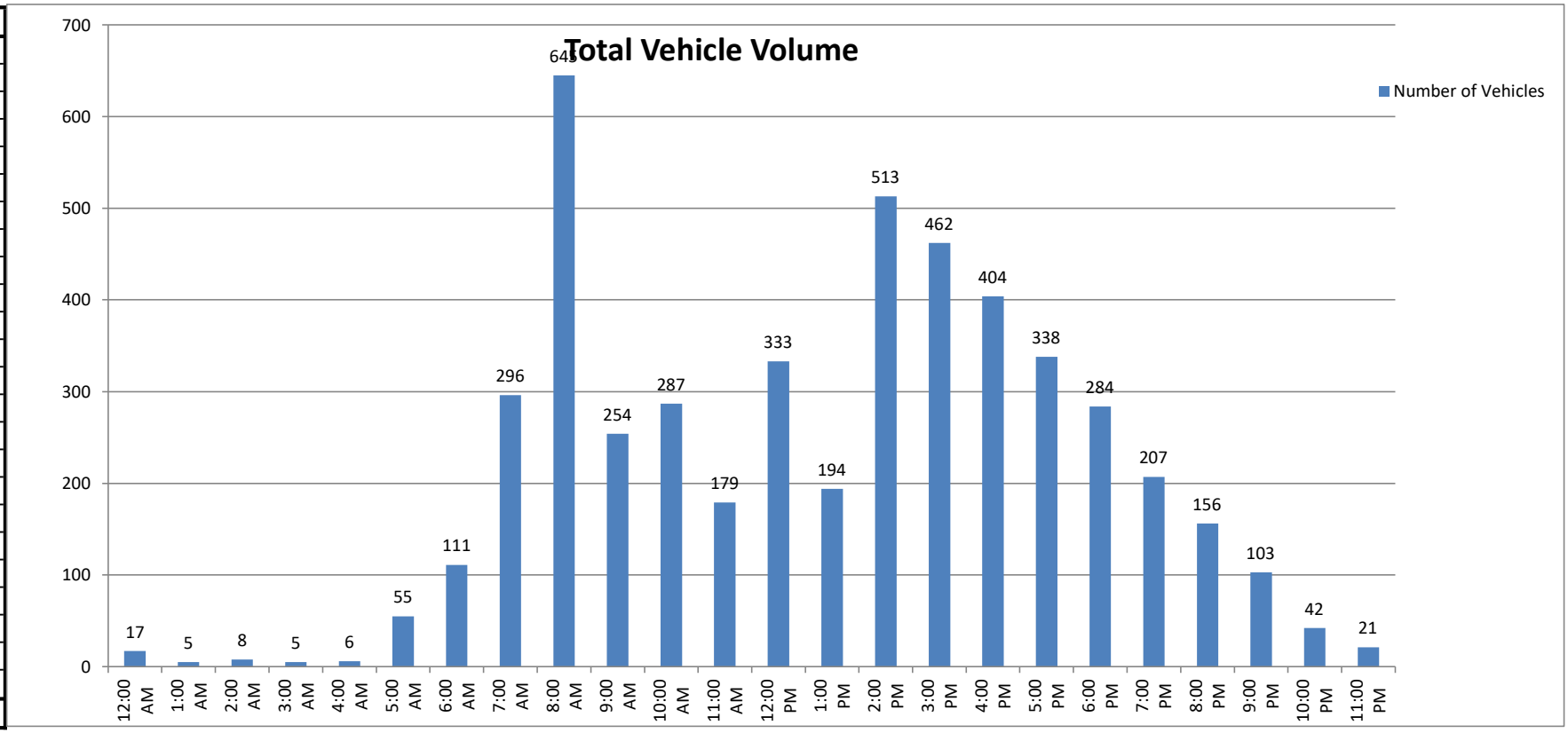
24 Hour Volume Plot

Merit

B/ Irvine Boulevard - Cadence

2/27/2024

Start Time	2/27/2024
12:00 AM	17
1:00 AM	5
2:00 AM	8
3:00 AM	5
4:00 AM	6
5:00 AM	55
6:00 AM	111
7:00 AM	296
8:00 AM	645
9:00 AM	254
10:00 AM	287
11:00 AM	179
12:00 PM	333
1:00 PM	194
2:00 PM	513
3:00 PM	462
4:00 PM	404
5:00 PM	338
6:00 PM	284
7:00 PM	207
8:00 PM	156
9:00 PM	103
10:00 PM	42
11:00 PM	21
Total	4925



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Merit
B/ Irvine Boulevard - Cadence

File Name 284
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	29			3	29				
12:15	2	118			5	21				
12:30	0	25			1	80				
12:45	1	35	4	207	1	41	10	171	14	378
1:00	0	30			0	21				
1:15	1	28			0	18				
1:30	0	30			0	22				
1:45	2	32	3	120	1	55	1	116	4	236
2:00	0	112			0	58				
2:15	0	203			1	40				
2:30	0	56			0	18				
2:45	0	44	0	415	0	19	1	135	1	550
3:00	0	43			0	25				
3:15	1	41			2	37				
3:30	1	79			0	33				
3:45	1	76	3	239	0	24	2	119	5	358
4:00	0	63			1	30				
4:15	1	58			1	32				
4:30	1	69			0	35				
4:45	5	61	7	251	2	36	4	133	11	384
5:00	3	75			1	31				
5:15	4	73			3	34				
5:30	5	62			10	44				
5:45	8	30	20	240	12	32	26	141	46	381
6:00	8	44			10	43				
6:15	5	68			6	35				
6:30	15	68			20	26				
6:45	30	74	58	254	14	27	50	131	108	385
7:00	15	66			11	29				
7:15	26	45			14	31				
7:30	30	41			39	24				
7:45	52	25	123	177	74	22	138	106	261	283
8:00	89	14			47	22				
8:15	129	12			92	21				
8:30	138	13			138	17				
8:45	72	26	428	65	27	15	304	75	732	140
9:00	49	16			21	10				
9:15	35	10			23	8				
9:30	34	39			21	13				
9:45	39	7	157	72	25	7	90	38	247	110
10:00	38	3			28	9				
10:15	13	5			16	8				
10:30	27	7			23	7				
10:45	26	4	104	19	20	5	87	29	191	48
11:00	30	1			17	4				
11:15	38	1			16	3				
11:30	25	3			22	7				
11:45	15	5	108	10	17	4	72	18	180	28
Totals	1015	2069			785	1212				
Combined Totals		3084				1997				
ADT										5081
AM Peak Hour	800	AM			745	AM				
Volume	428				351					
P.H.F.	0.775				0.636					
PM Peak Hour		200	PM			130	PM			
Volume		415				175				
P.H.F.		0.511				0.754				
Percentage	32.9%	67.1%			39.3%	60.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

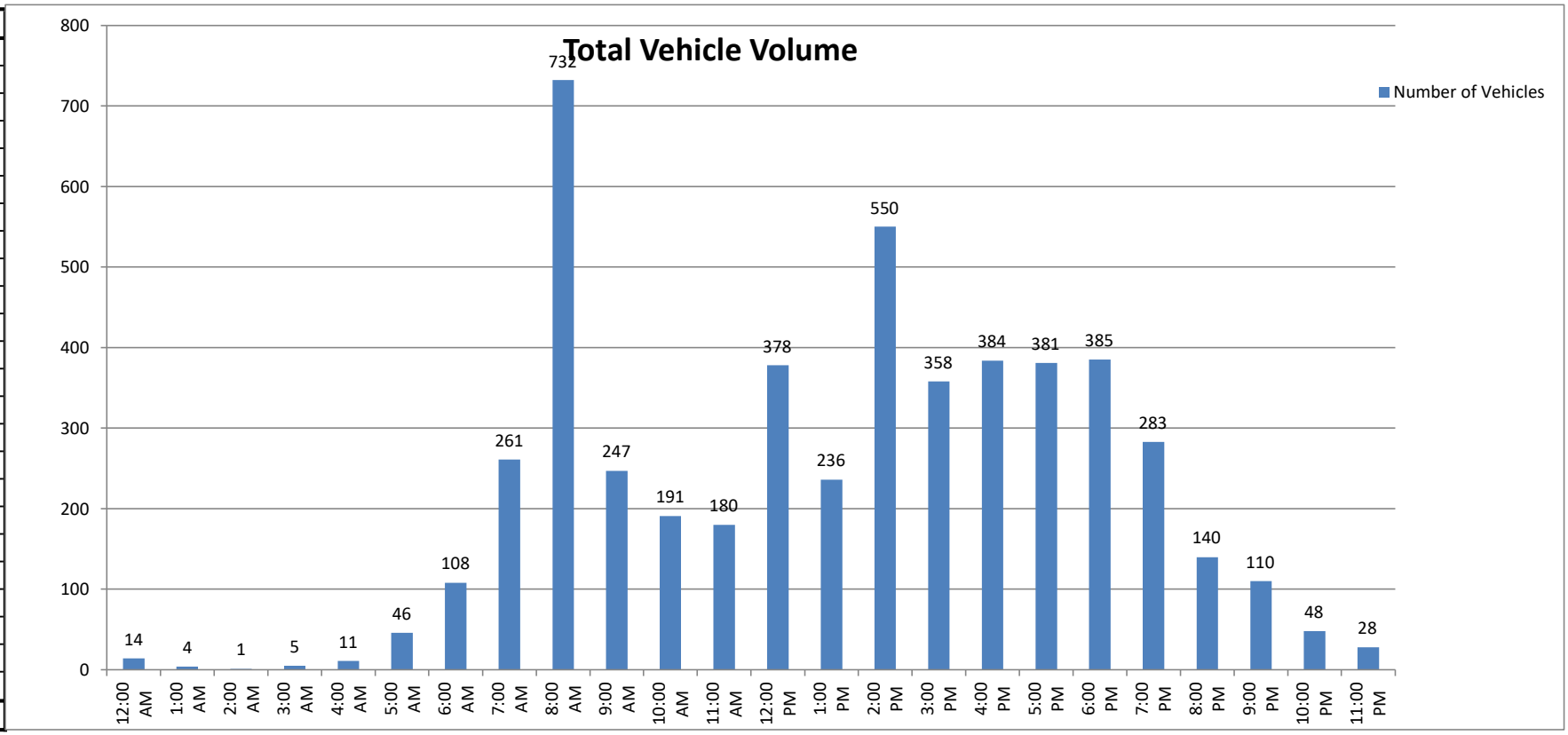
24 Hour Volume Plot

Merit

B/ Irvine Boulevard - Cadence

2/28/2024

Start Time	2/28/2024
12:00 AM	14
1:00 AM	4
2:00 AM	1
3:00 AM	5
4:00 AM	11
5:00 AM	46
6:00 AM	108
7:00 AM	261
8:00 AM	732
9:00 AM	247
10:00 AM	191
11:00 AM	180
12:00 PM	378
1:00 PM	236
2:00 PM	550
3:00 PM	358
4:00 PM	384
5:00 PM	381
6:00 PM	385
7:00 PM	283
8:00 PM	140
9:00 PM	110
10:00 PM	48
11:00 PM	28
Total	5081



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Merit
B/ Irvine Boulevard - Cadence

File Name 284
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	27			4	30				
12:15	2	112			4	24				
12:30	0	24			2	74				
12:45	1	30	5	192	2	37	11	164	16	356
1:00	1	28			1	20				
1:15	2	24			1	15				
1:30	0	31			0	25				
1:45	1	29	3	112	1	43	2	103	5	215
2:00	1	103			0	56				
2:15	0	198			1	31				
2:30	2	52			2	29				
2:45	0	38	2	390	0	27	3	142	5	532
3:00	0	55			1	23				
3:15	1	51			1	32				
3:30	1	80			1	50				
3:45	1	99	3	284	1	23	3	127	5	410
4:00	0	63			1	30				
4:15	1	56			1	32				
4:30	1	81			0	31				
4:45	4	70	6	269	1	34	3	125	9	394
5:00	4	66			2	33				
5:15	4	62			2	35				
5:30	12	53			7	40				
5:45	12	36	31	217	11	36	20	143	51	360
6:00	9	49			10	40				
6:15	9	58			9	36				
6:30	16	48			17	28				
6:45	23	45	57	199	18	33	53	136	110	335
7:00	16	46			14	28				
7:15	29	39			15	25				
7:30	33	34			38	27				
7:45	59	27	137	146	76	20	142	100	279	245
8:00	82	23			48	25				
8:15	112	16			90	22				
8:30	132	13			127	16				
8:45	72	25	397	76	28	10	292	72	689	148
9:00	43	13			17	11				
9:15	42	15			24	9				
9:30	40	33			15	10				
9:45	44	10	169	70	26	8	82	37	251	107
10:00	41	4			30	9				
10:15	26	3			20	9				
10:30	27	7			31	7				
10:45	35	3	128	16	31	5	111	30	239	45
11:00	28	1			20	5				
11:15	32	1			22	4				
11:30	25	2			20	6				
11:45	16	5	100	8	18	3	80	17	180	25
Totals	1035	1976			799	1194				
Combined Totals		3011				1993				
ADT										5003
AM Peak Hour	800	AM			745	AM				
Volume	397				340					
P.H.F.	0.754				0.672					
PM Peak Hour		200	PM			1200	PM			
Volume		390				164				
P.H.F.		0.493				0.558				
Percentage	34.4%	65.6%			40.1%	59.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Michelson Drive
B/ Culver Drive - Yale Avenue

File Name 289
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	35			2	36				
12:15	2	28			8	34				
12:30	1	44			2	41				
12:45	2	31	8	138	2	35	14	146	22	284
1:00	1	25			0	39				
1:15	1	44			2	51				
1:30	0	51			0	31				
1:45	0	44	2	164	0	42	2	163	4	327
2:00	1	29			0	42				
2:15	0	41			0	37				
2:30	1	40			1	35				
2:45	0	51	2	161	2	36	3	150	5	311
3:00	2	71			1	57				
3:15	0	45			0	92				
3:30	0	47			0	47				
3:45	0	45	2	208	2	42	3	238	5	446
4:00	2	81			2	41				
4:15	0	47			0	57				
4:30	0	50			1	41				
4:45	2	55	4	233	4	42	7	181	11	414
5:00	1	61			1	54				
5:15	0	82			5	77				
5:30	3	92			11	49				
5:45	4	59	8	294	4	55	21	235	29	529
6:00	5	77			5	46				
6:15	3	68			8	37				
6:30	9	46			9	32				
6:45	5	44	22	235	14	44	36	159	58	394
7:00	13	39			13	33				
7:15	15	27			18	33				
7:30	13	29			39	26				
7:45	28	33	69	128	51	16	121	108	190	236
8:00	70	19			75	17				
8:15	111	27			86	14				
8:30	41	16			81	18				
8:45	30	19	252	81	45	11	287	60	539	141
9:00	24	15			42	12				
9:15	21	18			41	12				
9:30	25	14			30	14				
9:45	26	21	96	68	37	2	150	40	246	108
10:00	31	17			26	6				
10:15	28	11			38	5				
10:30	27	8			36	8				
10:45	21	5	107	41	32	4	132	23	239	64
11:00	27	11			32	4				
11:15	26	7			33	7				
11:30	28	5			26	4				
11:45	34	5	115	28	32	0	123	15	238	43
Totals	687	1779			899	1518				
Combined Totals		2466				2417				
ADT										4883
AM Peak Hour	800	AM			745	AM				
Volume	252				293					
P.H.F.	0.568				0.852					
PM Peak Hour		515	PM			300	PM			
Volume		310				238				
P.H.F.		0.842				0.647				
Percentage	27.9%	72.1%			37.2%	62.8%				

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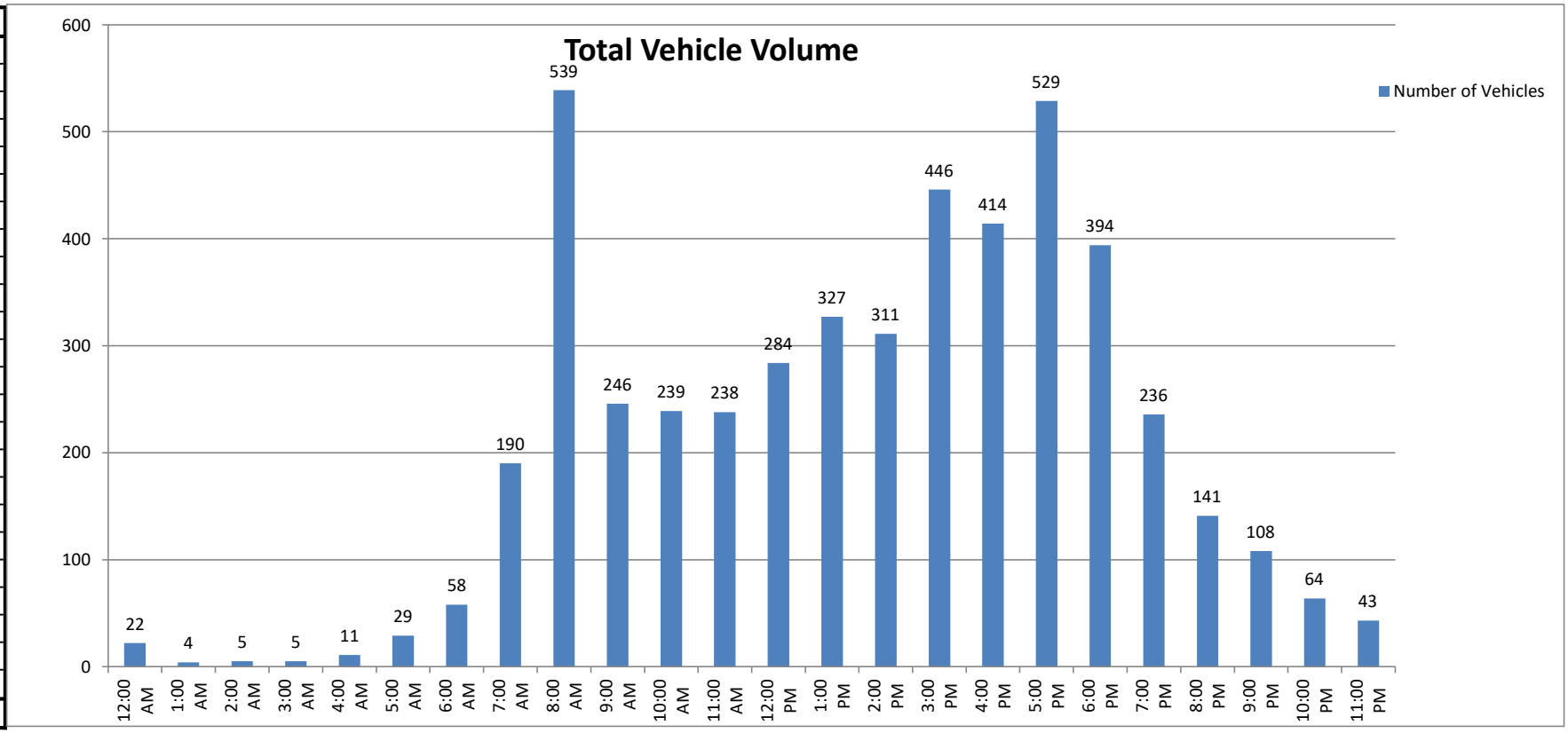
24 Hour Volume Plot

Michelson Drive
B/ Culver Drive - Yale Avenue
1/10/2024

Start Time	1/10/2024
12:00 AM	22
1:00 AM	4
2:00 AM	5
3:00 AM	5
4:00 AM	11
5:00 AM	29
6:00 AM	58
7:00 AM	190
8:00 AM	539
9:00 AM	246
10:00 AM	239
11:00 AM	238
12:00 PM	284
1:00 PM	327
2:00 PM	311
3:00 PM	446
4:00 PM	414
5:00 PM	529
6:00 PM	394
7:00 PM	236
8:00 PM	141
9:00 PM	108
10:00 PM	64
11:00 PM	43
Total	4883



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Michelson Drive
B/ Culver Drive - Yale Avenue

File Name 289
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/11/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	27			2	23				
12:15	2	33			4	29				
12:30	1	33			0	37				
12:45	5	29	12	122	0	35	6	124	18	246
1:00	0	34			0	41				
1:15	1	29			2	33				
1:30	0	39			1	37				
1:45	1	37	2	139	2	29	5	140	7	279
2:00	2	34			3	42				
2:15	2	46			2	49				
2:30	0	42			1	36				
2:45	2	68	6	190	2	35	8	162	14	352
3:00	1	76			1	70				
3:15	0	47			0	76				
3:30	0	34			0	35				
3:45	1	48	2	205	1	48	2	229	4	434
4:00	1	66			1	51				
4:15	0	72			2	58				
4:30	2	62			0	52				
4:45	0	55	3	255	0	47	3	208	6	463
5:00	0	77			4	39				
5:15	1	82			2	56				
5:30	2	86			6	45				
5:45	1	90	4	335	5	45	17	185	21	520
6:00	5	81			8	38				
6:15	2	43			10	46				
6:30	11	48			7	38				
6:45	5	38	23	210	8	39	33	161	56	371
7:00	10	45			16	28				
7:15	8	34			15	23				
7:30	16	22			33	21				
7:45	33	25	67	126	49	17	113	89	180	215
8:00	71	22			68	20				
8:15	52	23			53	23				
8:30	53	21			53	16				
8:45	70	17	246	83	97	15	271	74	517	157
9:00	45	19			57	15				
9:15	31	23			36	17				
9:30	26	15			33	8				
9:45	24	17	126	74	23	8	149	48	275	122
10:00	23	13			35	7				
10:15	32	11			35	8				
10:30	25	14			30	6				
10:45	29	12	109	50	31	6	131	27	240	77
11:00	36	4			29	7				
11:15	26	5			29	2				
11:30	25	5			27	6				
11:45	37	6	124	20	32	2	117	17	241	37
Totals	724	1809			855	1464				
Combined Totals		2533				2319				
ADT										4852
AM Peak Hour	800	AM			800	AM				
Volume	246				271					
P.H.F.	0.866				0.698					
PM Peak Hour		515	PM			300	PM			
Volume		339				229				
P.H.F.		0.942				0.753				
Percentage	28.6%	71.4%			36.9%	63.1%				

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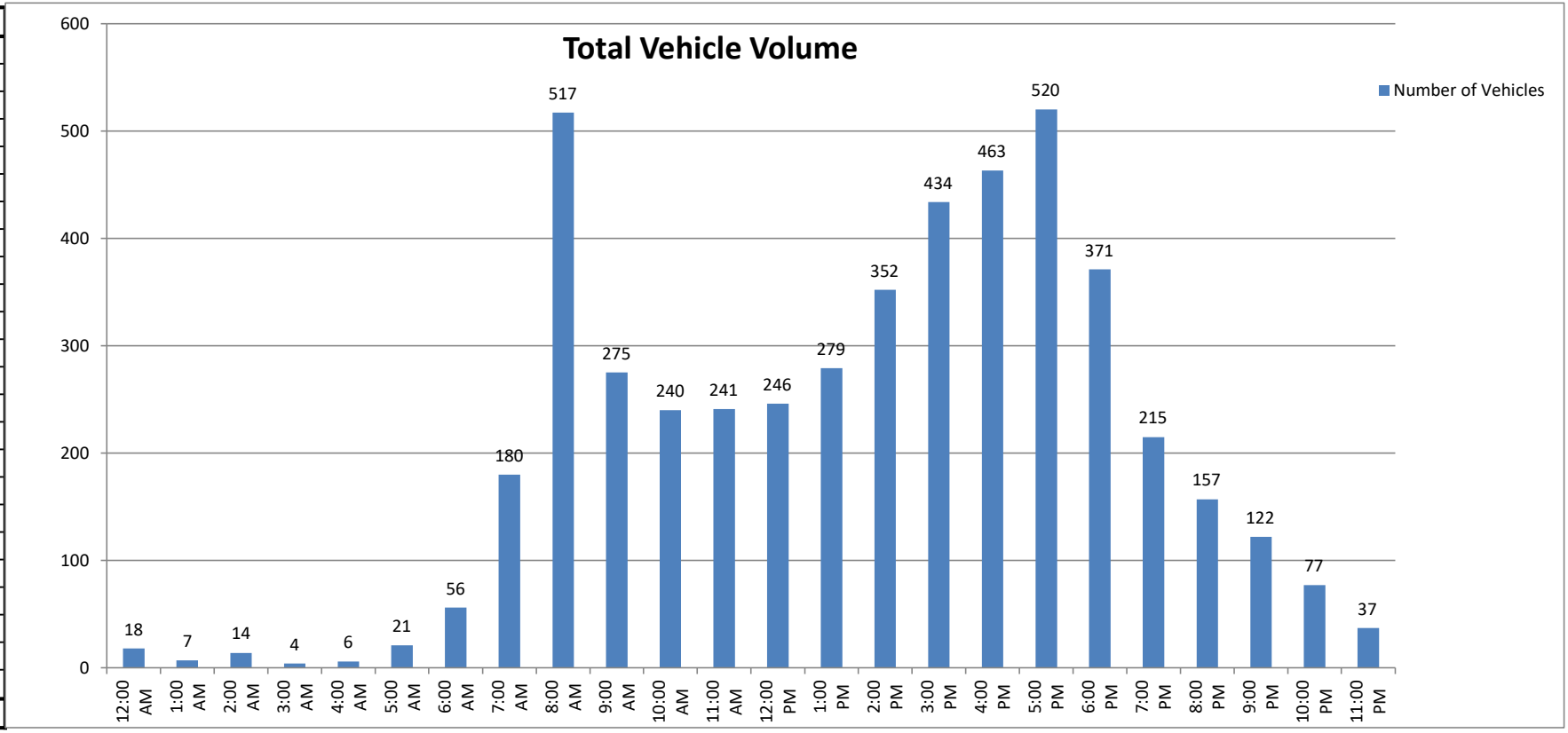
24 Hour Volume Plot

Michelson Drive
B/ Culver Drive - Yale Avenue
1/11/2024

Start Time	1/11/2024
12:00 AM	18
1:00 AM	7
2:00 AM	14
3:00 AM	4
4:00 AM	6
5:00 AM	21
6:00 AM	56
7:00 AM	180
8:00 AM	517
9:00 AM	275
10:00 AM	240
11:00 AM	241
12:00 PM	246
1:00 PM	279
2:00 PM	352
3:00 PM	434
4:00 PM	463
5:00 PM	520
6:00 PM	371
7:00 PM	215
8:00 PM	157
9:00 PM	122
10:00 PM	77
11:00 PM	37
Total	4852



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Michelson Drive
B/ Culver Drive - Yale Avenue

File Name 289
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	31			2	30				
12:15	2	31			6	32				
12:30	1	39			1	39				
12:45	4	30	10	130	1	35	10	135	20	265
1:00	1	30			0	40				
1:15	1	37			2	42				
1:30	0	45			1	34				
1:45	1	41	2	152	1	36	4	152	6	303
2:00	2	32			2	42				
2:15	1	44			1	43				
2:30	1	41			1	36				
2:45	1	60	4	176	2	36	6	156	10	332
3:00	2	74			1	64				
3:15	0	46			0	84				
3:30	0	41			0	41				
3:45	1	47	2	207	2	45	3	234	5	440
4:00	2	74			2	46				
4:15	0	60			1	58				
4:30	1	56			1	47				
4:45	1	55	4	244	2	45	5	195	9	439
5:00	1	69			3	47				
5:15	1	82			4	67				
5:30	3	89			9	47				
5:45	3	75	6	315	5	50	19	210	25	525
6:00	5	79			7	42				
6:15	3	56			9	42				
6:30	10	47			8	35				
6:45	5	41	23	223	11	42	35	160	57	383
7:00	12	42			15	31				
7:15	12	31			17	28				
7:30	15	26			36	24				
7:45	31	29	68	127	50	17	117	99	185	226
8:00	71	21			72	19				
8:15	82	25			70	19				
8:30	47	19			67	17				
8:45	50	18	249	82	71	13	279	67	528	149
9:00	35	17			50	14				
9:15	26	21			39	15				
9:30	26	15			32	11				
9:45	25	19	111	71	30	5	150	44	261	115
10:00	27	15			31	7				
10:15	30	11			37	7				
10:30	26	11			33	7				
10:45	25	9	108	46	32	5	132	25	240	71
11:00	32	8			31	6				
11:15	26	6			31	5				
11:30	27	5			27	5				
11:45	36	6	120	24	32	1	120	16	240	40
Totals	706	1794			877	1491				
Combined Totals		2500				2368				
ADT										4868
AM Peak Hour	800 AM				800 AM					
Volume	249				279					
P.H.F.	0.764				0.976					
PM Peak Hour		515 PM				300 PM				
Volume		325				234				
P.H.F.		0.912				0.695				
Percentage	28.2%	71.8%			37.0%	63.0%				

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City of Irvine
Michelson Drive
B/ Harvard Avenue - Culver Drive

File Name 288
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	89			13	95				
12:15	6	83			8	72				
12:30	13	98			8	90				
12:45	7	94	32	364	6	99	35	356	67	720
1:00	4	105			7	82				
1:15	3	79			0	91				
1:30	3	80			5	116				
1:45	4	91	14	355	2	81	14	370	28	725
2:00	1	92			0	102				
2:15	5	70			3	119				
2:30	4	106			4	92				
2:45	6	113	16	381	5	97	12	410	28	791
3:00	4	146			3	100				
3:15	1	99			4	136				
3:30	2	130			4	111				
3:45	2	112	9	487	2	142	13	489	22	976
4:00	2	143			3	123				
4:15	2	171			1	129				
4:30	4	185			3	129				
4:45	5	168	13	667	8	133	15	514	28	1181
5:00	2	217			16	143				
5:15	2	249			29	170				
5:30	10	203			22	170				
5:45	16	170	30	839	35	194	102	677	132	1516
6:00	10	146			19	144				
6:15	24	119			37	146				
6:30	23	114			31	103				
6:45	29	87	86	466	53	86	140	479	226	945
7:00	39	86			62	80				
7:15	47	75			89	83				
7:30	64	51			100	75				
7:45	98	73	248	285	141	60	392	298	640	583
8:00	85	63			163	54				
8:15	79	49			204	45				
8:30	66	64			222	52				
8:45	72	54	302	230	230	60	819	211	1121	441
9:00	86	55			187	48				
9:15	63	42			158	43				
9:30	53	47			131	38				
9:45	57	35	259	179	119	41	595	170	854	349
10:00	56	22			98	28				
10:15	64	27			89	27				
10:30	36	22			89	30				
10:45	67	23	223	94	76	23	352	108	575	202
11:00	75	20			83	11				
11:15	79	12			73	14				
11:30	90	18			93	13				
11:45	81	13	325	63	102	13	351	51	676	114
Totals	1557	4410			2840	4133				
Combined Totals		5967				6973				
ADT										12940
AM Peak Hour	745	AM			815	AM				
Volume	328				843					
P.H.F.	0.837				0.916					
PM Peak Hour		500	PM			515	PM			
Volume		839				678				
P.H.F.		0.842				0.874				
Percentage	26.1%	73.9%			40.7%	59.3%				

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Counts Unlimited, Inc.
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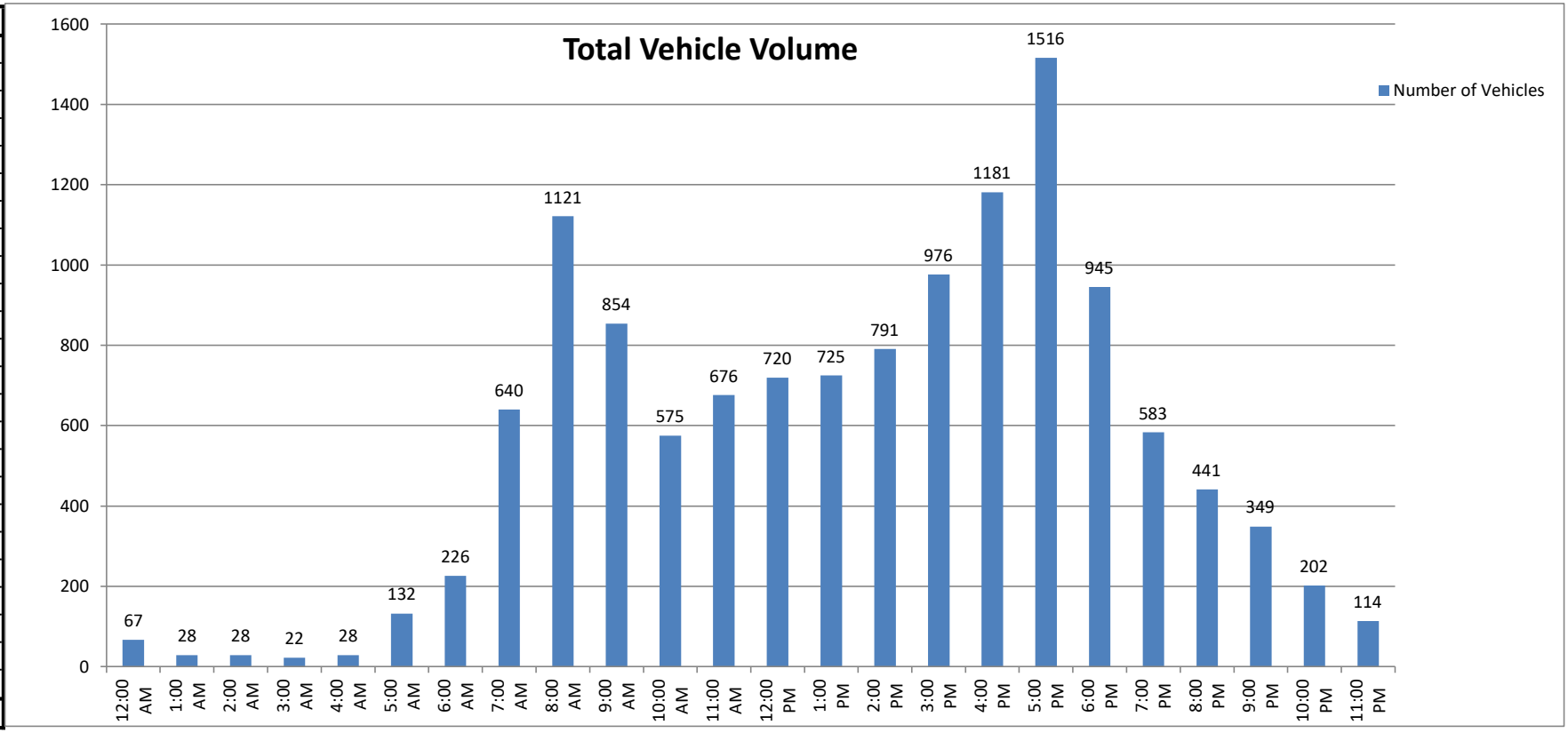
24 Hour Volume Plot

Michelson Drive
B/ Harvard Avenue - Culver Drive

1/10/2024

Start Time	1/10/2024
12:00 AM	67
1:00 AM	28
2:00 AM	28
3:00 AM	22
4:00 AM	28
5:00 AM	132
6:00 AM	226
7:00 AM	640
8:00 AM	1121
9:00 AM	854
10:00 AM	575
11:00 AM	676
12:00 PM	720
1:00 PM	725
2:00 PM	791
3:00 PM	976
4:00 PM	1181
5:00 PM	1516
6:00 PM	945
7:00 PM	583
8:00 PM	441
9:00 PM	349
10:00 PM	202
11:00 PM	114
Total	12940



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Michelson Drive
B/ Harvard Avenue - Culver Drive

File Name 288
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/11/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	89			11	79				
12:15	10	78			15	83				
12:30	9	84			2	91				
12:45	4	79	33	330	4	103	32	356	65	686
1:00	3	75			1	92				
1:15	2	98			3	91				
1:30	2	75			5	83				
1:45	3	103	10	351	4	90	13	356	23	707
2:00	7	101			3	80				
2:15	1	96			3	113				
2:30	1	107			4	114				
2:45	1	106	10	410	2	120	12	427	22	837
3:00	3	116			5	94				
3:15	2	89			4	112				
3:30	1	105			2	128				
3:45	5	115	11	425	1	112	12	446	23	871
4:00	4	131			0	126				
4:15	4	158			3	132				
4:30	3	186			8	131				
4:45	3	175	14	650	6	115	17	504	31	1154
5:00	1	226			14	144				
5:15	3	236			24	147				
5:30	9	184			23	159				
5:45	15	192	28	838	35	167	96	617	124	1455
6:00	19	155			27	148				
6:15	20	124			37	106				
6:30	23	134			30	104				
6:45	28	118	90	531	42	103	136	461	226	992
7:00	37	84			60	71				
7:15	43	72			73	83				
7:30	54	77			87	76				
7:45	84	57	218	290	120	59	340	289	558	579
8:00	88	61			166	54				
8:15	77	64			200	59				
8:30	69	56			211	54				
8:45	66	51	300	232	207	60	784	227	1084	459
9:00	68	49			169	37				
9:15	78	46			133	43				
9:30	63	47			130	37				
9:45	64	43	273	185	143	34	575	151	848	336
10:00	43	39			99	39				
10:15	64	25			94	27				
10:30	52	25			84	25				
10:45	57	18	216	107	87	19	364	110	580	217
11:00	66	18			83	18				
11:15	71	12			76	13				
11:30	94	11			70	17				
11:45	81	13	312	54	82	9	311	57	623	111
Totals	1515	4403			2692	4001				
Combined Totals		5918				6693				
ADT										12611
AM Peak Hour	745	AM			815	AM				
Volume	318				787					
P.H.F.	0.903				0.932					
PM Peak Hour		500	PM			515	PM			
Volume		838				621				
P.H.F.		0.888				0.930				
Percentage	25.6%	74.4%			40.2%	59.8%				

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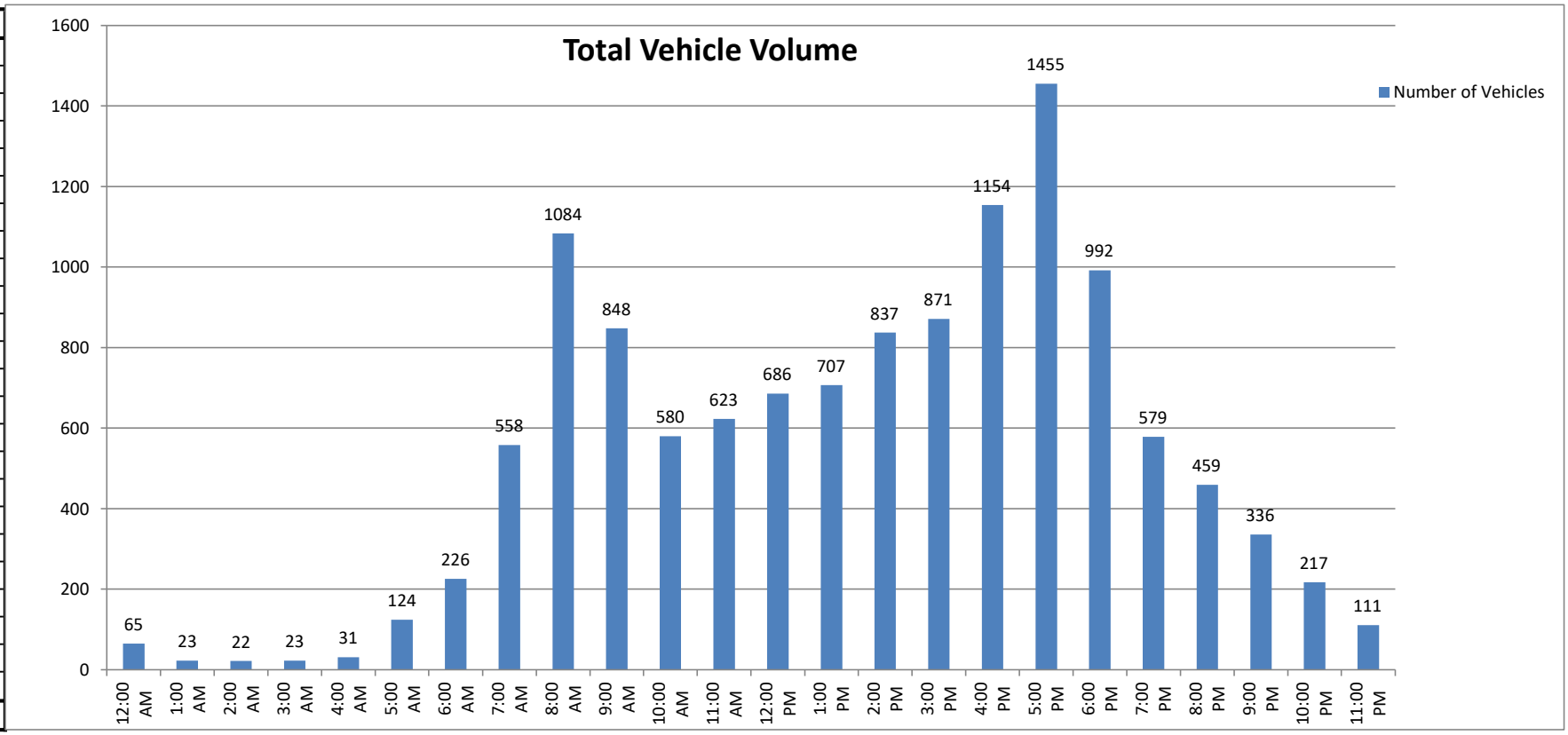
24 Hour Volume Plot

Michelson Drive
B/ Harvard Avenue - Culver Drive

1/11/2024

Start Time	1/11/2024
12:00 AM	65
1:00 AM	23
2:00 AM	22
3:00 AM	23
4:00 AM	31
5:00 AM	124
6:00 AM	226
7:00 AM	558
8:00 AM	1084
9:00 AM	848
10:00 AM	580
11:00 AM	623
12:00 PM	686
1:00 PM	707
2:00 PM	837
3:00 PM	871
4:00 PM	1154
5:00 PM	1455
6:00 PM	992
7:00 PM	579
8:00 PM	459
9:00 PM	336
10:00 PM	217
11:00 PM	111
Total	12611



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Michelson Drive
B/ Harvard Avenue - Culver Drive

File Name 288
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	89			12	87				
12:15	8	81			12	78				
12:30	11	91			5	91				
12:45	6	87	33	347	5	101	34	356	66	703
1:00	4	90			4	87				
1:15	3	89			2	91				
1:30	3	78			5	100				
1:45	4	97	12	353	3	86	14	363	26	716
2:00	4	97			2	91				
2:15	3	83			3	116				
2:30	3	107			4	103				
2:45	4	110	13	396	4	109	12	419	25	814
3:00	4	131			4	97				
3:15	2	94			4	124				
3:30	2	118			3	120				
3:45	4	114	10	456	2	127	13	468	23	924
4:00	3	137			2	125				
4:15	3	165			2	131				
4:30	4	186			6	130				
4:45	4	172	14	659	7	124	16	509	30	1168
5:00	2	222			15	144				
5:15	3	243			27	159				
5:30	10	194			23	165				
5:45	16	181	29	839	35	181	99	647	128	1486
6:00	15	151			23	146				
6:15	22	122			37	126				
6:30	23	124			31	104				
6:45	29	103	88	499	48	95	138	470	226	969
7:00	38	85			61	76				
7:15	45	74			81	83				
7:30	59	64			94	76				
7:45	91	65	233	288	131	60	366	294	599	581
8:00	87	62			165	54				
8:15	78	57			202	52				
8:30	68	60			217	53				
8:45	69	53	301	231	219	60	802	219	1103	450
9:00	77	52			178	43				
9:15	71	44			146	43				
9:30	58	47			131	38				
9:45	61	39	266	182	131	38	585	161	851	343
10:00	50	31			99	34				
10:15	64	26			92	27				
10:30	44	24			87	28				
10:45	62	21	220	101	82	21	358	109	578	210
11:00	71	19			83	15				
11:15	75	12			75	14				
11:30	92	15			82	15				
11:45	81	13	319	59	92	11	331	54	650	113
Totals	1536	4407			2766	4067				
Combined Totals		5943				6833				
ADT										12776
AM Peak Hour	745	AM			815	AM				
Volume	323				815					
P.H.F.	0.887				0.932					
PM Peak Hour		500	PM			515	PM			
Volume		839				650				
P.H.F.		0.864				0.900				
Percentage	25.8%	74.2%			40.5%	59.5%				

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Corona, CA 92878

City of Irvine
Michelson Drive
B/ Yale Avenue - University Drive

File Name 290
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	40			5	40				
12:15	1	35			5	26				
12:30	1	36			1	43				
12:45	0	37	2	148	0	31	11	140	13	288
1:00	1	30			0	53				
1:15	1	42			0	35				
1:30	0	59			0	44				
1:45	1	40	3	171	0	35	0	167	3	338
2:00	1	41			0	41				
2:15	0	38			1	38				
2:30	1	37			0	56				
2:45	1	41	3	157	2	85	3	220	6	377
3:00	0	111			0	83				
3:15	0	66			0	43				
3:30	0	46			0	46				
3:45	0	51	0	274	1	61	1	233	1	507
4:00	2	90			1	49				
4:15	1	46			1	53				
4:30	1	55			0	34				
4:45	1	65	5	256	3	62	5	198	10	454
5:00	0	66			3	64				
5:15	2	95			4	61				
5:30	5	95			2	63				
5:45	3	60	10	316	4	49	13	237	23	553
6:00	5	55			6	46				
6:15	7	55			5	35				
6:30	15	46			6	39				
6:45	8	35	35	191	21	44	38	164	73	355
7:00	18	29			13	32				
7:15	21	26			36	30				
7:30	21	23			40	22				
7:45	46	20	106	98	68	18	157	102	263	200
8:00	75	24			121	20				
8:15	108	16			138	16				
8:30	43	16			41	17				
8:45	30	17	256	73	43	14	343	67	599	140
9:00	27	9			39	12				
9:15	30	12			30	11				
9:30	37	10			32	10				
9:45	26	16	120	47	27	4	128	37	248	84
10:00	38	9			24	5				
10:15	33	9			24	8				
10:30	23	7			41	5				
10:45	23	10	117	35	37	9	126	27	243	62
11:00	30	6			36	4				
11:15	27	3			33	8				
11:30	36	3			33	1				
11:45	34	2	127	14	38	1	140	14	267	28
Totals	784	1780			965	1606				
Combined Totals		2564				2571				
ADT										5135
AM Peak Hour	745 AM				745 AM					
Volume	272				368					
P.H.F.	0.630				0.667					
PM Peak Hour		445 PM				230 PM				
Volume		321				267				
P.H.F.		0.845				0.785				
Percentage	30.6%	69.4%			37.5%	62.5%				

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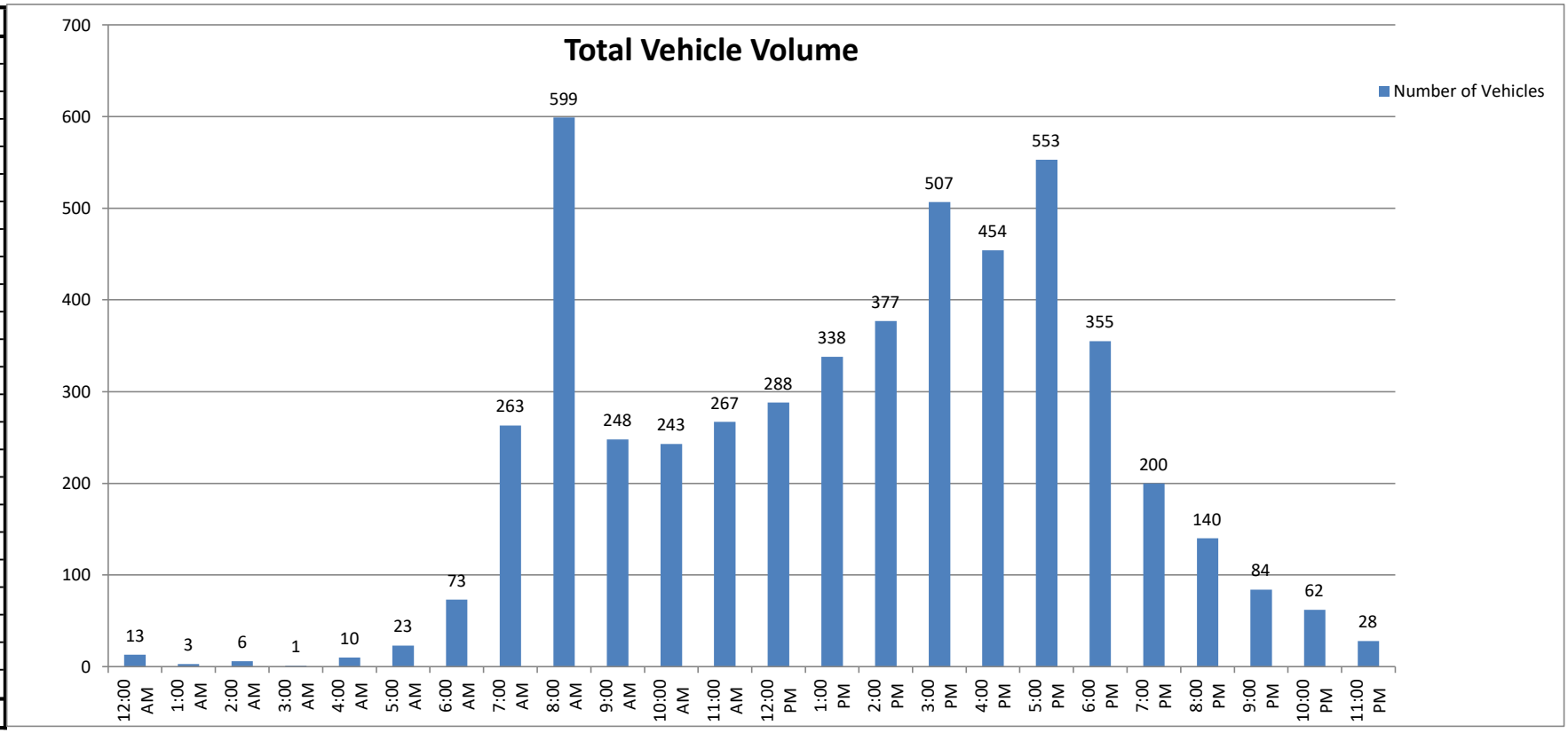
24 Hour Volume Plot

Michelson Drive
B/ Yale Avenue - University Drive
1/10/2024

Start Time	1/10/2024
12:00 AM	13
1:00 AM	3
2:00 AM	6
3:00 AM	1
4:00 AM	10
5:00 AM	23
6:00 AM	73
7:00 AM	263
8:00 AM	599
9:00 AM	248
10:00 AM	243
11:00 AM	267
12:00 PM	288
1:00 PM	338
2:00 PM	377
3:00 PM	507
4:00 PM	454
5:00 PM	553
6:00 PM	355
7:00 PM	200
8:00 PM	140
9:00 PM	84
10:00 PM	62
11:00 PM	28
Total	5135



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Michelson Drive
B/ Yale Avenue - University Drive

File Name 290
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/11/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	33			3	34				
12:15	2	26			0	36				
12:30	1	36			0	33				
12:45	3	32	8	127	0	39	3	142	11	269
1:00	0	32			3	30				
1:15	0	33			0	39				
1:30	1	42			4	32				
1:45	1	41	2	148	1	31	8	132	10	280
2:00	1	36			0	35				
2:15	2	41			0	51				
2:30	0	53			2	37				
2:45	2	39	5	169	1	96	3	219	8	388
3:00	0	117			0	65				
3:15	0	55			0	36				
3:30	0	51			0	51				
3:45	2	69	2	292	1	65	1	217	3	509
4:00	0	80			0	63				
4:15	0	72			0	55				
4:30	2	50			0	41				
4:45	0	69	2	271	2	42	2	201	4	472
5:00	0	66			1	64				
5:15	3	112			2	64				
5:30	2	86			2	51				
5:45	5	83	10	347	8	48	13	227	23	574
6:00	6	60			8	60				
6:15	8	45			2	34				
6:30	8	42			9	45				
6:45	11	34	33	181	10	34	29	173	62	354
7:00	14	41			11	25				
7:15	17	20			23	20				
7:30	29	28			42	28				
7:45	62	22	122	111	73	22	149	95	271	206
8:00	62	18			67	13				
8:15	63	20			69	19				
8:30	78	9			111	20				
8:45	56	13	259	60	111	13	358	65	617	125
9:00	49	18			31	19				
9:15	37	13			28	9				
9:30	22	7			31	16				
9:45	36	16	144	54	22	9	112	53	256	107
10:00	24	7			31	11				
10:15	32	11			24	6				
10:30	31	9			32	8				
10:45	43	8	130	35	23	7	110	32	240	67
11:00	31	2			33	4				
11:15	35	3			26	6				
11:30	41	6			27	2				
11:45	28	6	135	17	28	1	114	13	249	30
Totals	852	1812			902	1569				
Combined Totals		2664				2471				
ADT										5135
AM Peak Hour	745	AM			800	AM				
Volume	265				358					
P.H.F.	0.849				0.806					
PM Peak Hour		500	PM			215	PM			
Volume		347				249				
P.H.F.		0.775				0.648				
Percentage	32.0%	68.0%			36.5%	63.5%				

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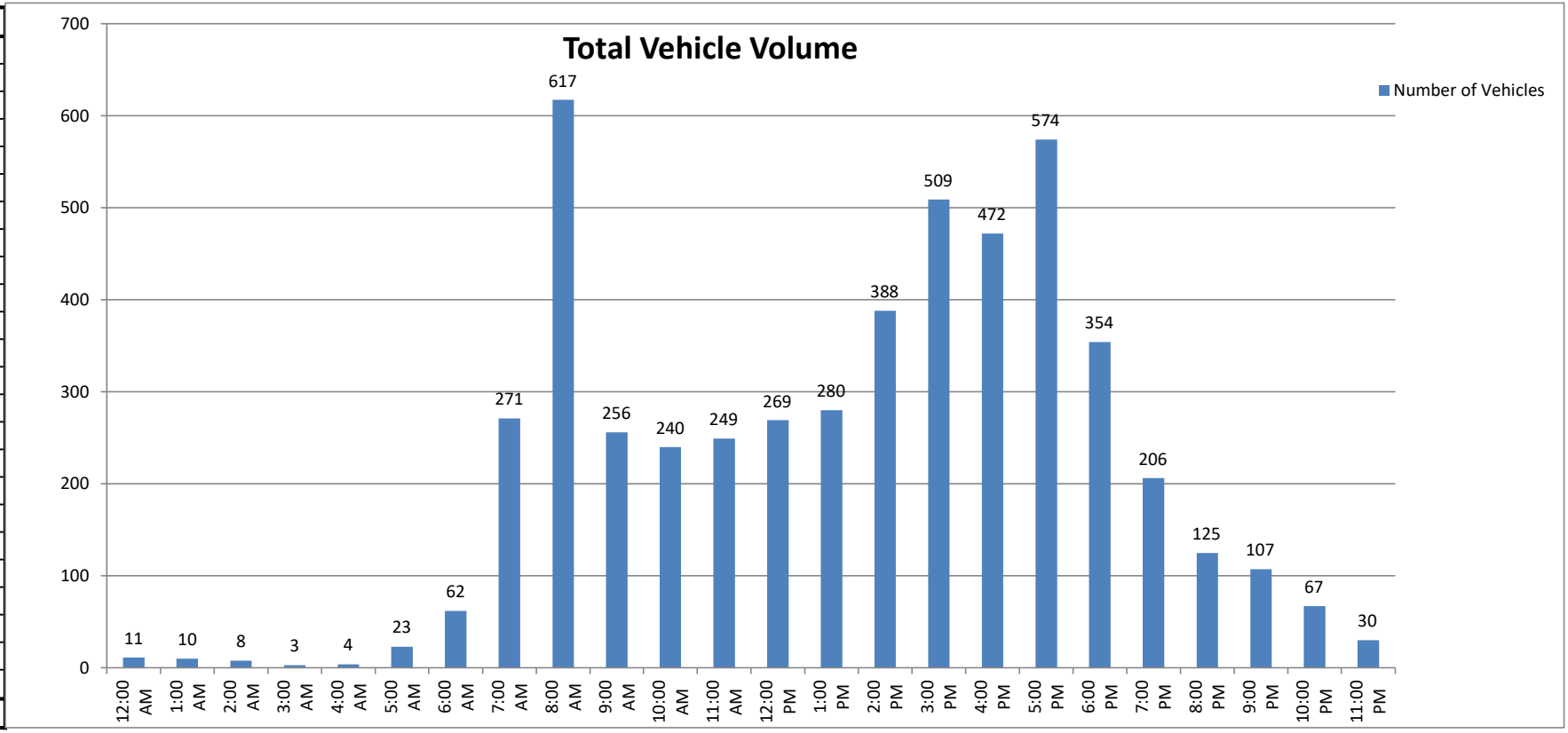
24 Hour Volume Plot

Michelson Drive
B/ Yale Avenue - University Drive

1/11/2024

Start Time	1/11/2024
12:00 AM	11
1:00 AM	10
2:00 AM	8
3:00 AM	3
4:00 AM	4
5:00 AM	23
6:00 AM	62
7:00 AM	271
8:00 AM	617
9:00 AM	256
10:00 AM	240
11:00 AM	249
12:00 PM	269
1:00 PM	280
2:00 PM	388
3:00 PM	509
4:00 PM	472
5:00 PM	574
6:00 PM	354
7:00 PM	206
8:00 PM	125
9:00 PM	107
10:00 PM	67
11:00 PM	30
Total	5135



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Michelson Drive
B/ Yale Avenue - University Drive

File Name 290
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	37			4	37				
12:15	2	31			3	31				
12:30	1	36			1	38				
12:45	2	35	5	138	0	35	7	141	12	279
1:00	1	31			2	42				
1:15	1	38			0	37				
1:30	1	51			2	38				
1:45	1	41	3	160	1	33	4	150	7	309
2:00	1	39			0	38				
2:15	1	40			1	45				
2:30	1	45			1	47				
2:45	2	40	4	163	2	91	3	220	7	383
3:00	0	114			0	74				
3:15	0	61			0	40				
3:30	0	49			0	49				
3:45	1	60	1	283	1	63	1	225	2	508
4:00	1	85			1	56				
4:15	1	59			1	54				
4:30	2	53			0	38				
4:45	1	67	4	264	3	52	4	200	7	463
5:00	0	66			2	64				
5:15	3	104			3	63				
5:30	4	91			2	57				
5:45	4	72	10	332	6	49	13	232	23	564
6:00	6	58			7	53				
6:15	8	50			4	35				
6:30	12	44			8	42				
6:45	10	35	34	186	16	39	34	169	68	355
7:00	16	35			12	29				
7:15	19	23			30	25				
7:30	25	26			41	25				
7:45	54	21	114	105	71	20	153	99	267	203
8:00	69	21			94	17				
8:15	86	18			104	18				
8:30	61	13			76	19				
8:45	43	15	258	67	77	14	351	66	608	133
9:00	38	14			35	16				
9:15	34	13			29	10				
9:30	30	9			32	13				
9:45	31	16	132	51	25	7	120	45	252	96
10:00	31	8			28	8				
10:15	33	10			24	7				
10:30	27	8			37	7				
10:45	33	9	124	35	30	8	118	30	242	65
11:00	31	4			35	4				
11:15	31	3			30	7				
11:30	39	5			30	2				
11:45	31	4	131	16	33	1	127	14	258	29
Totals	818	1796			934	1588				
Combined Totals		2614				2521				
ADT										5135
AM Peak Hour	745	AM			800	AM				
Volume	269				351					
P.H.F.	0.785				0.847					
PM Peak Hour		500	PM			215	PM			
Volume		332				256				
P.H.F.		0.801				0.706				
Percentage	31.3%	68.7%			37.0%	63.0%				

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City of Irvine
Modjeska
B/ Portola Springs - Irvine Boulevard

File Name 292
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	69			5	86				
12:15	10	66			6	76				
12:30	4	87			4	64				
12:45	5	72	22	294	1	63	16	289	38	583
1:00	6	66			0	72				
1:15	4	76			4	56				
1:30	1	66			2	76				
1:45	5	66	16	274	4	77	10	281	26	555
2:00	1	103			1	93				
2:15	2	162			1	88				
2:30	1	123			1	110				
2:45	0	116	4	504	1	110	4	401	8	905
3:00	1	97			0	142				
3:15	1	140			0	107				
3:30	0	115			3	112				
3:45	2	132	4	484	4	96	7	457	11	941
4:00	1	160			2	74				
4:15	1	128			5	84				
4:30	2	162			17	90				
4:45	1	183	5	633	8	98	32	346	37	979
5:00	2	136			12	104				
5:15	2	168			12	95				
5:30	12	170			19	88				
5:45	17	153	33	627	28	101	71	388	104	1015
6:00	24	174			35	82				
6:15	28	124			23	107				
6:30	32	132			46	93				
6:45	45	100	129	530	58	68	162	350	291	880
7:00	54	113			69	62				
7:15	48	106			119	74				
7:30	75	82			144	65				
7:45	103	74	280	375	182	60	514	261	794	636
8:00	98	82			190	36				
8:15	102	74			242	49				
8:30	99	72			142	35				
8:45	82	87	381	315	141	38	715	158	1096	473
9:00	54	72			102	34				
9:15	44	67			125	27				
9:30	56	46			96	12				
9:45	48	56	202	241	107	20	430	93	632	334
10:00	42	34			88	19				
10:15	69	36			74	20				
10:30	50	36			88	23				
10:45	54	25	215	131	84	15	334	77	549	208
11:00	78	20			69	7				
11:15	66	18			81	6				
11:30	54	11			79	5				
11:45	62	11	260	60	84	7	313	25	573	85
Totals	1551	4468			2608	3126				
Combined Totals		6019				5734				
ADT										11753
AM Peak Hour	745	AM			730	AM				
Volume	402				758					
P.H.F.	0.976				0.783					
PM Peak Hour		515	PM			245	PM			
Volume		665				471				
P.H.F.		0.955				0.829				
Percentage	25.8%	74.2%			45.5%	54.5%				

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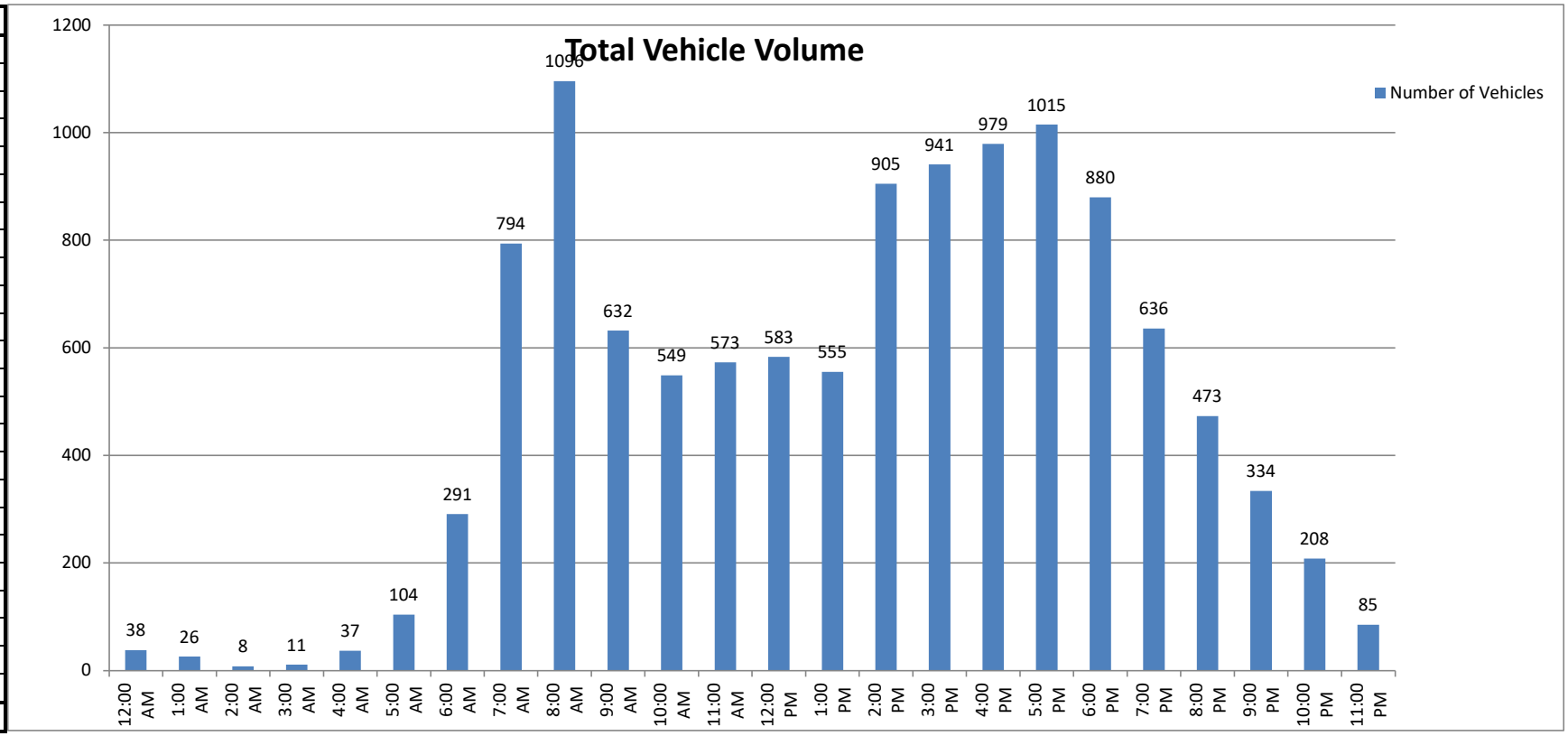
24 Hour Volume Plot

Modjeska

B/ Portola Springs - Irvine Boulevard

5/7/2024

Start Time	5/7/2024
12:00 AM	38
1:00 AM	26
2:00 AM	8
3:00 AM	11
4:00 AM	37
5:00 AM	104
6:00 AM	291
7:00 AM	794
8:00 AM	1096
9:00 AM	632
10:00 AM	549
11:00 AM	573
12:00 PM	583
1:00 PM	555
2:00 PM	905
3:00 PM	941
4:00 PM	979
5:00 PM	1015
6:00 PM	880
7:00 PM	636
8:00 PM	473
9:00 PM	334
10:00 PM	208
11:00 PM	85
Total	11753



Volumes represent the combined totals for both directions

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City of Irvine
Modjeska
B/ Portola Springs - Irvine Boulevard

File Name 292
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	83			3	79				
12:15	13	79			6	82				
12:30	5	84			5	72				
12:45	5	86	33	332	6	60	20	293	53	625
1:00	8	103			6	76				
1:15	3	84			4	84				
1:30	1	88			2	118				
1:45	2	62	14	337	2	117	14	395	28	732
2:00	1	70			2	102				
2:15	7	134			0	102				
2:30	3	156			1	106				
2:45	0	106	11	466	5	106	8	416	19	882
3:00	1	95			0	107				
3:15	0	127			3	103				
3:30	1	94			3	124				
3:45	1	145	3	461	2	100	8	434	11	895
4:00	0	113			1	108				
4:15	0	142			6	68				
4:30	2	109			8	83				
4:45	3	146	5	510	9	86	24	345	29	855
5:00	3	125			7	91				
5:15	1	154			24	96				
5:30	5	162			15	105				
5:45	14	152	23	593	31	84	77	376	100	969
6:00	31	123			24	88				
6:15	44	138			28	81				
6:30	44	123			46	71				
6:45	51	120	170	504	52	72	150	312	320	816
7:00	46	94			62	76				
7:15	36	117			106	60				
7:30	46	82			130	61				
7:45	96	98	224	391	166	62	464	259	688	650
8:00	76	70			206	62				
8:15	90	87			258	42				
8:30	122	76			184	43				
8:45	120	68	408	301	110	35	758	182	1166	483
9:00	70	62			108	34				
9:15	68	50			111	26				
9:30	40	64			92	23				
9:45	46	48	224	224	100	18	411	101	635	325
10:00	56	51			83	23				
10:15	50	29			90	18				
10:30	36	32			86	18				
10:45	49	19	191	131	77	11	336	70	527	201
11:00	73	20			62	5				
11:15	47	22			82	5				
11:30	66	15			73	8				
11:45	67	4	253	61	73	7	290	25	543	86
Totals	1559	4311			2560	3208				
Combined Totals		5870				5768				
ADT										11638
AM Peak Hour	800	AM			745	AM				
Volume	408				814					
P.H.F.	0.836				0.789					
PM Peak Hour		500	PM			245	PM			
Volume		593				440				
P.H.F.		0.915				0.887				
Percentage	26.6%	73.4%			44.4%	55.6%				

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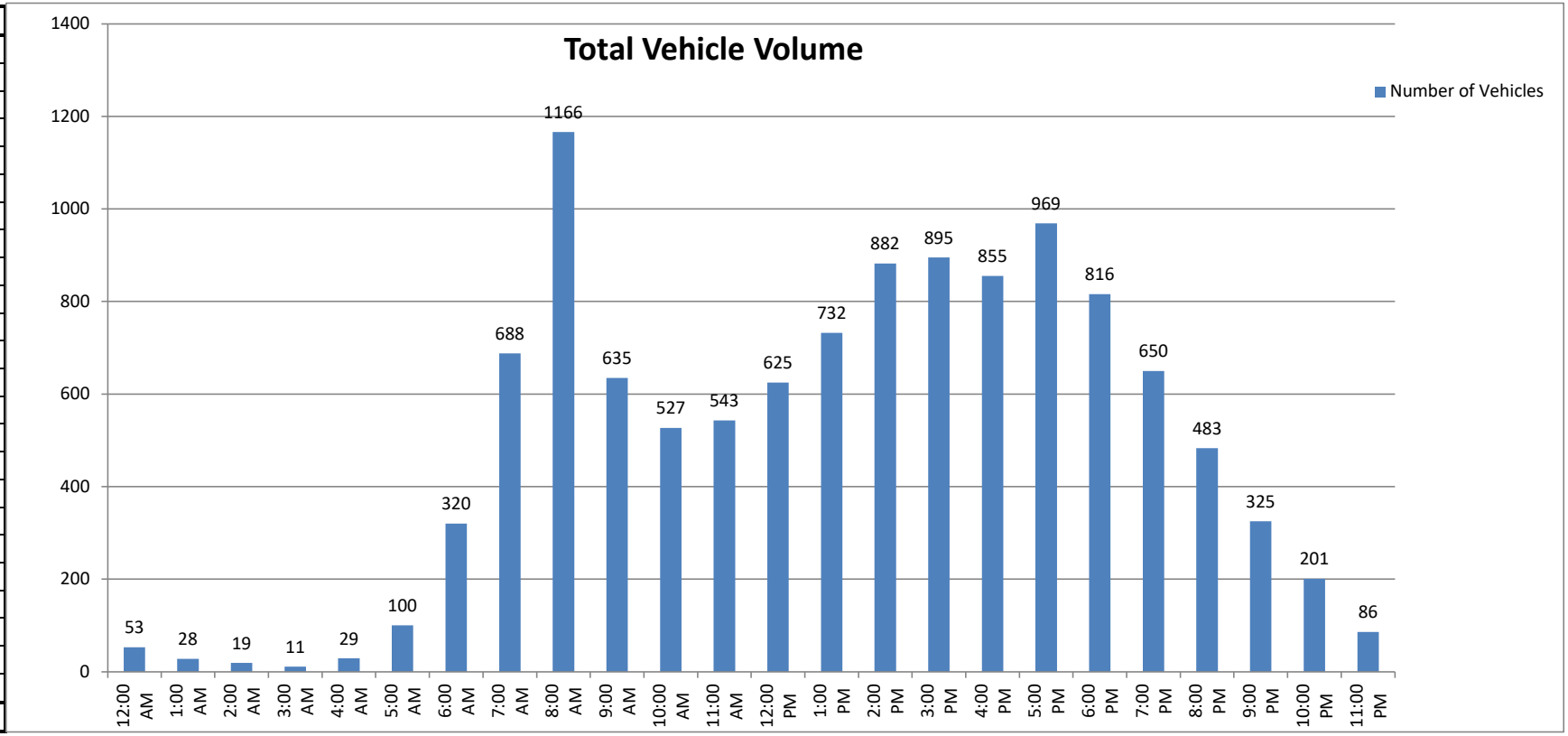
24 Hour Volume Plot

Modjeska

B/ Portola Springs - Irvine Boulevard

5/8/2024

Start Time	5/8/2024
12:00 AM	53
1:00 AM	28
2:00 AM	19
3:00 AM	11
4:00 AM	29
5:00 AM	100
6:00 AM	320
7:00 AM	688
8:00 AM	1166
9:00 AM	635
10:00 AM	527
11:00 AM	543
12:00 PM	625
1:00 PM	732
2:00 PM	882
3:00 PM	895
4:00 PM	855
5:00 PM	969
6:00 PM	816
7:00 PM	650
8:00 PM	483
9:00 PM	325
10:00 PM	201
11:00 PM	86
Total	11638



Volumes represent the combined totals for both directions

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City of Irvine
Modjeska
B/ Portola Springs - Irvine Boulevard

File Name 292
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	76			4	83				
12:15	12	73			6	79				
12:30	5	86			5	68				
12:45	5	79	28	313	4	62	18	291	46	604
1:00	7	85			3	74				
1:15	4	80			4	70				
1:30	1	77			2	97				
1:45	4	64	15	306	3	97	12	338	27	644
2:00	1	87			2	98				
2:15	5	148			1	95				
2:30	2	140			1	108				
2:45	0	111	8	485	3	108	6	409	14	894
3:00	1	96			0	125				
3:15	1	134			2	105				
3:30	1	105			3	118				
3:45	2	139	4	473	3	98	8	446	11	918
4:00	1	137			2	91				
4:15	1	135			6	76				
4:30	2	136			13	87				
4:45	2	165	5	572	9	92	28	346	33	917
5:00	3	131			10	98				
5:15	2	161			18	96				
5:30	9	166			17	97				
5:45	16	153	28	610	30	93	74	382	102	992
6:00	28	149			30	85				
6:15	36	131			26	94				
6:30	38	128			46	82				
6:45	48	110	150	517	55	70	156	331	306	848
7:00	50	104			66	69				
7:15	42	112			113	67				
7:30	61	82			137	63				
7:45	100	86	252	383	174	61	489	260	741	643
8:00	87	76			198	49				
8:15	96	81			250	46				
8:30	111	74			163	39				
8:45	101	78	395	308	126	37	737	170	1131	478
9:00	62	67			105	34				
9:15	56	59			118	27				
9:30	48	55			94	18				
9:45	47	52	213	233	104	19	421	97	634	330
10:00	49	43			86	21				
10:15	60	33			82	19				
10:30	43	34			87	21				
10:45	52	22	203	131	81	13	335	74	538	205
11:00	76	20			66	6				
11:15	57	20			82	6				
11:30	60	13			76	7				
11:45	65	8	257	61	79	7	302	25	558	86
Totals	1555	4390			2584	3167				
Combined Totals		5945				5751				
ADT										11696
AM Peak Hour	800	AM			745	AM				
Volume	395				785					
P.H.F.	0.893				0.785					
PM Peak Hour		515	PM			245	PM			
Volume		628				456				
P.H.F.		0.946				0.915				
Percentage	26.2%	73.8%			44.9%	55.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Modjeska
S/ Irvine Boulevard
24 Hour Directional Volume Count

IRV098
Site Code: 051-24139

Start	5/14/2024	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	9			2	28				
12:15		2	13			2	9				
12:30		0	10			1	14				
12:45		0	14	4	46	3	18	8	69	12	115
01:00		0	10			2	13				
01:15		0	12			2	13				
01:30		0	10			0	17				
01:45		0	15	0	47	0	21	4	64	4	111
02:00		0	16			3	13				
02:15		0	**28**			0	21				
02:30		0	**28**			0	27				
02:45		0	**18**	0	90	0	26	3	87	3	177
03:00		0	**40**			0	32				
03:15		0	21			1	22				
03:30		0	22			1	28				
03:45		0	22	0	105	0	34	2	116	2	221
04:00		0	26			0	22				
04:15		2	18			0	14				
04:30		0	24			1	25				
04:45		0	31	2	99	0	20	1	81	3	180
05:00		2	28			3	26				
05:15		1	16			0	24				
05:30		1	26			1	**36**				
05:45		1	26	5	96	3	**31**	7	117	12	213
06:00		3	28			5	**17**				
06:15		7	18			4	**38**				
06:30		6	9			2	18				
06:45		6	13	22	68	7	19	18	92	40	160
07:00		7	22			6	18				
07:15		5	13			6	17				
07:30		18	20			10	20				
07:45		16	12	46	67	**20**	18	42	73	88	140
08:00		**45**	16			**34**	18				
08:15		**55**	4			**23**	15				
08:30		**29**	12			**22**	14				
08:45		**26**	6	155	38	12	13	91	60	246	98
09:00		20	14			8	10				
09:15		14	3			20	6				
09:30		15	3			11	11				
09:45		18	5	67	25	19	11	58	38	125	63
10:00		19	0			25	6				
10:15		4	1			13	8				
10:30		12	1			10	4				
10:45		14	0	49	2	9	4	57	22	106	24
11:00		13	2			17	2				
11:15		20	1			10	7				
11:30		10	3			17	2				
11:45		25	2	68	8	9	1	53	12	121	20
Total		418	691	418	691	344	831	344	831	762	1522
Combined Total		1109		1109		1175		1175		2284	
AM Peak	-	08:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	155	-	-	-	99	-	-	-	-	-
P.H.F.		0.705				0.728					
PM Peak	-	-	02:15	-	-	-	05:30	-	-	-	-
Vol.	-	-	114	-	-	-	122	-	-	-	-
P.H.F.			0.713				0.803				
Percentage		37.7%	62.3%			29.3%	70.7%				
ADT/AADT		ADT 2,284		AADT 2,284							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Moulton Parkway
B/ Glenwood Drive - Laguna Hills Drive
24 Hour Directional Volume Count

LHS101
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	200			16	208				
12:15		11	178			16	175				
12:30		9	213			10	216				
12:45		10	217	49	808	10	215	52	814	101	1622
01:00		7	201			8	213				
01:15		3	231			5	235				
01:30		7	242			11	222				
01:45		5	210	22	884	4	226	28	896	50	1780
02:00		4	223			3	221				
02:15		2	202			5	218				
02:30		7	207			1	242				
02:45		3	280	16	912	7	271	16	952	32	1864
03:00		4	247			2	273				
03:15		3	**269**			7	313				
03:30		5	**305**			6	353				
03:45		5	**311**	17	1132	8	345	23	1284	40	2416
04:00		4	**309**			8	368				
04:15		10	265			16	390				
04:30		14	267			18	423				
04:45		25	263	53	1104	31	**396**	73	1577	126	2681
05:00		25	255			19	**462**				
05:15		27	280			37	**457**				
05:30		42	256			37	**427**				
05:45		56	266	150	1057	37	367	130	1713	280	2770
06:00		63	265			41	319				
06:15		77	189			55	309				
06:30		111	182			88	261				
06:45		145	160	396	796	98	245	282	1134	678	1930
07:00		183	162			124	155				
07:15		232	143			220	152				
07:30		308	113			217	116				
07:45		**408**	136	1131	554	**250**	118	811	541	1942	1095
08:00		**351**	101			**240**	104				
08:15		**395**	113			**225**	104				
08:30		**339**	102			**223**	94				
08:45		331	104	1416	420	197	97	885	399	2301	819
09:00		243	96			184	74				
09:15		231	70			169	73				
09:30		218	48			204	73				
09:45		185	54	877	268	201	54	758	274	1635	542
10:00		216	37			182	56				
10:15		186	41			169	47				
10:30		198	32			169	28				
10:45		213	23	813	133	170	24	690	155	1503	288
11:00		192	22			184	27				
11:15		178	26			193	27				
11:30		201	26			200	8				
11:45		215	10	786	84	206	15	783	77	1569	161
Total		5726	8152	5726	8152	4531	9816	4531	9816	10257	17968
Combined Total		13878		13878		14347		14347		28225	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1493	-	-	-	938	-	-	-	-	-
P.H.F.		0.915				0.938					
PM Peak	-	-	03:15	-	-	-	04:45	-	-	-	-
Vol.	-	-	1194	-	-	-	1742	-	-	-	-
P.H.F.			0.960				0.943				
Percentage		41.3%	58.7%			31.6%	68.4%				
ADT/AADT		ADT 28,225		AADT 28,225							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
Moulton Parkway
E/ El Toro Road
24 Hour Directional Volume Count

LWS104
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	264			22	232				
12:15		23	215			12	247				
12:30		13	237			18	281				
12:45		19	225	75	941	11	273	63	1033	138	1974
01:00		7	281			9	252				
01:15		8	258			5	238				
01:30		10	254			9	274				
01:45		7	244	32	1037	8	246	31	1010	63	2047
02:00		6	243			1	277				
02:15		6	274			4	223				
02:30		5	265			5	228				
02:45		13	290	30	1072	5	296	15	1024	45	2096
03:00		7	325			8	282				
03:15		13	354			3	265				
03:30		11	416			10	**349**				
03:45		14	433	45	1528	10	**308**	31	1204	76	2732
04:00		21	432			16	**371**				
04:15		14	469			19	**290**				
04:30		17	430			21	275				
04:45		26	**517**	78	1848	35	275	91	1211	169	3059
05:00		30	**512**			28	238				
05:15		49	**549**			42	306				
05:30		70	**460**			50	246				
05:45		89	427	238	1948	75	282	195	1072	433	3020
06:00		84	412			82	230				
06:15		111	332			115	221				
06:30		132	299			148	177				
06:45		136	292	463	1335	195	173	540	801	1003	2136
07:00		180	195			216	148				
07:15		211	180			312	132				
07:30		190	151			365	106				
07:45		226	145	807	671	**465**	121	1358	507	2165	1178
08:00		**273**	157			**500**	116				
08:15		**283**	133			**446**	117				
08:30		**232**	111			**422**	94				
08:45		**231**	127	1019	528	393	103	1761	430	2780	958
09:00		231	102			309	65				
09:15		239	108			287	54				
09:30		230	85			283	58				
09:45		205	70	905	365	269	55	1148	232	2053	597
10:00		192	83			251	40				
10:15		202	63			238	37				
10:30		179	53			246	28				
10:45		236	33	809	232	254	34	989	139	1798	371
11:00		215	41			286	27				
11:15		206	36			280	17				
11:30		239	16			242	28				
11:45		260	20	920	113	269	12	1077	84	1997	197
Total		5421	11618	5421	11618	7299	8747	7299	8747	12720	20365
Combined Total		17039		17039		16046		16046		33085	
AM Peak	-	08:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1019	-	-	-	1833	-	-	-	-	-
P.H.F.		0.900				0.917					
PM Peak	-	-	04:45	-	-	-	03:30	-	-	-	-
Vol.	-	-	2038	-	-	-	1318	-	-	-	-
P.H.F.			0.928				0.888				
Percentage		31.8%	68.2%			45.5%	54.5%				
ADT/AADT		ADT 33,085		AADT 33,085							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Moulton Parkway
E (S)/ Lake Forest Drive
24 Hour Directional Volume Count

LHS099
Site Code: 051-24139

Start Time	5/8/2024 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		18	222			20	204				
12:15		8	185			26	192				
12:30		14	182			14	203				
12:45		9	178	49	767	12	236	72	835	121	1602
01:00		2	196			13	189				
01:15		4	206			3	196				
01:30		3	196			3	196				
01:45		3	202	12	800	6	232	25	813	37	1613
02:00		5	176			5	221				
02:15		4	198			13	189				
02:30		4	223			12	215				
02:45		10	232	23	829	6	232	36	857	59	1686
03:00		4	193			7	246				
03:15		2	214			5	269				
03:30		6	248			8	244				
03:45		6	246	18	901	12	322	32	1081	50	1982
04:00		13	304			7	318				
04:15		12	250			27	326				
04:30		19	**284**			25	**361**				
04:45		16	**270**	60	1108	36	**354**	95	1359	155	2467
05:00		25	**283**			25	**404**				
05:15		38	**286**			59	**408**				
05:30		45	269			51	348				
05:45		46	226	154	1064	50	338	185	1498	339	2562
06:00		58	228			60	292				
06:15		76	157			89	246				
06:30		102	156			112	199				
06:45		137	161	373	702	108	202	369	939	742	1641
07:00		162	157			132	164				
07:15		174	129			186	134				
07:30		242	116			208	127				
07:45		**303**	130	881	532	250	125	776	550	1657	1082
08:00		**276**	97			262	123				
08:15		**300**	78			268	110				
08:30		**299**	82			256	104				
08:45		294	90	1169	347	**230**	120	1016	457	2185	804
09:00		217	92			**242**	94				
09:15		229	72			**309**	92				
09:30		217	64			**290**	68				
09:45		222	57	885	285	212	64	1053	318	1938	603
10:00		208	72			200	73				
10:15		192	37			161	66				
10:30		181	36			186	41				
10:45		210	33	791	178	192	41	739	221	1530	399
11:00		186	18			184	24				
11:15		208	18			186	42				
11:30		172	22			166	32				
11:45		198	12	764	70	188	24	724	122	1488	192
Total		5179	7583	5179	7583	5122	9050	5122	9050	10301	16633
Combined Total		12762		12762		14172		14172		26934	
AM Peak	-	07:45	-	-	-	08:45	-	-	-	-	-
Vol.	-	1178	-	-	-	1071	-	-	-	-	-
P.H.F.		0.972				0.867					
PM Peak	-	-	04:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	1123	-	-	-	1527	-	-	-	-
P.H.F.			0.982				0.936				
Percentage		40.6%	59.4%			36.1%	63.9%				
ADT/AADT		ADT 26,934		AADT 26,934							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Moulton Parkway
S/ Laguna Hills Drive
24 Hour Directional Volume Count

LHS102
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	182			10	185				
12:15		10	179			11	170				
12:30		5	182			8	204				
12:45		5	196	31	739	9	164	38	723	69	1462
01:00		5	192			8	216				
01:15		2	219			4	216				
01:30		4	241			3	202				
01:45		1	210	12	862	5	211	20	845	32	1707
02:00		6	211			2	196				
02:15		1	197			3	199				
02:30		8	208			2	200				
02:45		5	253	20	869	5	234	12	829	32	1698
03:00		6	231			1	279				
03:15		5	**297**			5	280				
03:30		10	**281**			8	376				
03:45		9	**310**	30	1119	8	325	22	1260	52	2379
04:00		12	**298**			1	325				
04:15		7	234			5	299				
04:30		14	274			14	**382**				
04:45		19	244	52	1050	15	**363**	35	1369	87	2419
05:00		26	278			13	**406**				
05:15		18	232			21	**438**				
05:30		32	250			31	347				
05:45		42	273	118	1033	32	343	97	1534	215	2567
06:00		61	203			35	298				
06:15		51	200			55	248				
06:30		85	153			78	240				
06:45		139	160	336	716	99	211	267	997	603	1713
07:00		146	132			113	153				
07:15		202	137			163	133				
07:30		275	121			189	107				
07:45		**381**	116	1004	506	**202**	96	667	489	1671	995
08:00		**358**	96			**189**	104				
08:15		**383**	100			**182**	113				
08:30		**361**	108			**220**	108				
08:45		301	77	1403	381	195	103	786	428	2189	809
09:00		232	88			152	64				
09:15		249	68			167	63				
09:30		177	50			161	64				
09:45		181	45	839	251	213	46	693	237	1532	488
10:00		211	39			165	43				
10:15		173	44			161	40				
10:30		182	26			162	31				
10:45		188	24	754	133	173	19	661	133	1415	266
11:00		195	17			146	23				
11:15		179	14			193	27				
11:30		189	21			204	8				
11:45		185	16	748	68	176	12	719	70	1467	138
Total		5347	7727	5347	7727	4017	8914	4017	8914	9364	16641
Combined Total		13074		13074		12931		12931		26005	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1483	-	-	-	793	-	-	-	-	-
P.H.F.		0.968				0.901					
PM Peak	-	-	03:15	-	-	-	04:30	-	-	-	-
Vol.	-	-	1186	-	-	-	1589	-	-	-	-
P.H.F.			0.956				0.907				
Percentage		40.9%	59.1%			31.1%	68.9%				
ADT/AADT		ADT 26,005		AADT 26,005							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Moulton Parkway
S/ Ridge Route Drive
24 Hour Directional Volume Count

LHS103
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	224			33	218				
12:15		13	251			20	229				
12:30		17	217			20	223				
12:45		7	253	48	945	16	222	89	892	137	1837
01:00		4	202			13	237				
01:15		4	205			11	195				
01:30		8	231			11	206				
01:45		2	227	18	865	3	209	38	847	56	1712
02:00		3	237			5	246				
02:15		4	194			4	236				
02:30		5	225			7	213				
02:45		1	206	13	862	5	271	21	966	34	1828
03:00		6	209			8	312				
03:15		1	217			8	285				
03:30		2	**261**			12	359				
03:45		9	**254**	18	941	11	364	39	1320	57	2261
04:00		6	**292**			15	390				
04:15		7	**229**			18	374				
04:30		18	245			19	437				
04:45		32	258	63	1024	13	407	65	1608	128	2632
05:00		26	256			26	**529**				
05:15		39	227			34	**500**				
05:30		46	212			44	**530**				
05:45		56	190	167	885	56	**430**	160	1989	327	2874
06:00		56	179			49	352				
06:15		92	172			92	289				
06:30		113	135			87	251				
06:45		144	151	405	637	138	218	366	1110	771	1747
07:00		173	98			114	194				
07:15		216	95			142	156				
07:30		258	93			188	132				
07:45		302	75	949	361	**217**	122	661	604	1610	965
08:00		**412**	88			**233**	114				
08:15		**356**	66			**213**	100				
08:30		**370**	51			**201**	85				
08:45		**375**	57	1513	262	187	115	834	414	2347	676
09:00		264	66			161	78				
09:15		273	72			182	79				
09:30		227	36			165	73				
09:45		237	41	1001	215	182	57	690	287	1691	502
10:00		220	29			176	65				
10:15		192	19			174	60				
10:30		213	20			184	36				
10:45		252	16	877	84	181	39	715	200	1592	284
11:00		205	19			185	37				
11:15		199	12			199	21				
11:30		194	25			221	20				
11:45		220	16	818	72	237	25	842	103	1660	175
Total		5890	7153	5890	7153	4520	10340	4520	10340	10410	17493
Combined Total		13043		13043		14860		14860		27903	
AM Peak	-	08:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1513	-	-	-	864	-	-	-	-	-
P.H.F.		0.918				0.927					
PM Peak	-	-	03:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	1036	-	-	-	1989	-	-	-	-
P.H.F.			0.887				0.938				
Percentage		45.2%	54.8%			30.4%	69.6%				
ADT/AADT		ADT 27,903		AADT 27,903							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
Moulton Parkway
W/ El Toro Road
24 Hour Directional Volume Count

LWS100
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	275			13	266				
12:15		21	220			8	261				
12:30		12	256			9	265				
12:45		23	269	72	1020	5	254	35	1046	107	2066
01:00		10	296			6	263				
01:15		9	253			3	222				
01:30		10	253			6	275				
01:45		4	259	33	1061	4	253	19	1013	52	2074
02:00		8	257			2	253				
02:15		6	310			4	216				
02:30		3	247			5	219				
02:45		7	298	24	1112	2	275	13	963	37	2075
03:00		6	345			4	247				
03:15		15	327			3	225				
03:30		8	445			4	**309**				
03:45		7	440	36	1557	7	**309**	18	1090	54	2647
04:00		13	452			10	**349**				
04:15		14	504			15	**277**				
04:30		10	442			18	268				
04:45		24	**550**	61	1948	21	252	64	1146	125	3094
05:00		18	**516**			17	267				
05:15		47	**590**			37	282				
05:30		49	**504**			55	233				
05:45		59	456	173	2066	57	264	166	1046	339	3112
06:00		57	447			63	213				
06:15		83	310			88	205				
06:30		89	307			127	164				
06:45		98	263	327	1327	161	163	439	745	766	2072
07:00		121	211			176	109				
07:15		164	181			255	108				
07:30		170	137			338	80				
07:45		225	140	680	669	**425**	95	1194	392	1874	1061
08:00		255	178			**486**	88				
08:15		263	139			**461**	82				
08:30		219	109			**413**	84				
08:45		221	123	958	549	387	76	1747	330	2705	879
09:00		198	98			293	58				
09:15		205	87			290	49				
09:30		222	85			275	55				
09:45		198	57	823	327	274	40	1132	202	1955	529
10:00		208	75			249	24				
10:15		204	55			233	39				
10:30		172	57			235	19				
10:45		212	24	796	211	269	24	986	106	1782	317
11:00		**224**	31			263	22				
11:15		**222**	29			279	11				
11:30		**259**	25			266	13				
11:45		**262**	16	967	101	267	12	1075	58	2042	159
Total		4950	11948	4950	11948	6888	8137	6888	8137	11838	20085
Combined Total		16898		16898		15025		15025		31923	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	967	-	-	-	1785	-	-	-	-	-
P.H.F.		0.919				0.918					
PM Peak	-	-	04:45	-	-	-	03:30	-	-	-	-
Vol.	-	-	2160	-	-	-	1244	-	-	-	-
P.H.F.			0.915				0.891				
Percentage		29.3%	70.7%			45.8%	54.2%				
ADT/AADT		ADT 31,923		AADT 31,923							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Muirlands Boulevard
B/ Bake Parkway - City Limit

File Name 294
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	97			4	99				
12:15	2	86			10	104				
12:30	2	161			3	102				
12:45	5	127	16	471	1	117	18	422	34	893
1:00	3	118			4	140				
1:15	4	97			3	103				
1:30	3	65			3	106				
1:45	2	112	12	392	2	86	12	435	24	827
2:00	3	83			3	92				
2:15	1	125			3	87				
2:30	0	126			6	102				
2:45	3	135	7	469	1	85	13	366	20	835
3:00	1	135			2	91				
3:15	1	125			10	82				
3:30	2	153			6	88				
3:45	2	132	6	545	8	85	26	346	32	891
4:00	7	149			6	94				
4:15	2	131			12	84				
4:30	4	159			14	81				
4:45	13	180	26	619	32	80	64	339	90	958
5:00	1	199			22	91				
5:15	8	145			25	71				
5:30	13	137			24	98				
5:45	22	165	44	646	35	64	106	324	150	970
6:00	16	130			37	81				
6:15	19	103			45	68				
6:30	20	120			63	62				
6:45	41	118	96	471	90	59	235	270	331	741
7:00	41	96			99	81				
7:15	42	57			111	51				
7:30	54	57			119	49				
7:45	67	57	204	267	158	43	487	224	691	491
8:00	56	50			137	44				
8:15	54	44			160	33				
8:30	60	33			151	41				
8:45	61	26	231	153	115	37	563	155	794	308
9:00	57	30			113	30				
9:15	56	30			95	39				
9:30	60	30			104	15				
9:45	50	26	223	116	89	13	401	97	624	213
10:00	51	19			91	21				
10:15	55	14			66	11				
10:30	59	20			93	10				
10:45	76	22	241	75	83	23	333	65	574	140
11:00	75	12			64	9				
11:15	68	11			99	8				
11:30	83	12			80	8				
11:45	97	10	323	45	94	5	337	30	660	75
Totals	1429	4269			2595	3073				
Combined Totals		5698				5668				
ADT										11366
AM Peak Hour	1100	AM			745	AM				
Volume	323				606					
P.H.F.	0.832				0.947					
PM Peak Hour		430	PM			2445	PM			
Volume		683				466				
P.H.F.		0.858				0.832				
Percentage	25.1%	74.9%			45.8%	54.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Muirlands Boulevard
E/ Alicia Parkway
24 Hour Directional Volume Count

MSV109
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		14	105			8	126				
12:15		10	100			11	122				
12:30		12	98			9	102				
12:45		7	106	43	409	10	119	38	469	81	878
01:00		5	93			5	121				
01:15		5	112			3	144				
01:30		5	108			5	106				
01:45		1	113	16	426	2	124	15	495	31	921
02:00		3	108			2	121				
02:15		0	112			2	142				
02:30		1	137			2	182				
02:45		6	104	10	461	5	141	11	586	21	1047
03:00		3	135			1	132				
03:15		5	185			2	116				
03:30		3	135			2	193				
03:45		0	146	11	601	2	153	7	594	18	1195
04:00		1	153			0	164				
04:15		4	168			7	150				
04:30		4	146			4	149				
04:45		8	145	17	612	10	147	21	610	38	1222
05:00		11	146			11	**165**				
05:15		4	**157**			9	**161**				
05:30		10	**166**			8	**184**				
05:45		22	**155**	47	624	22	**154**	50	664	97	1288
06:00		30	**152**			25	142				
06:15		30	151			28	146				
06:30		38	118			40	123				
06:45		63	88	161	509	61	99	154	510	315	1019
07:00		105	82			60	101				
07:15		93	70			90	98				
07:30		133	75			109	74				
07:45		**171**	65	502	292	**135**	64	394	337	896	629
08:00		**209**	57			**194**	54				
08:15		**150**	70			**195**	72				
08:30		**137**	41			**116**	62				
08:45		110	43	606	211	127	57	632	245	1238	456
09:00		105	47			103	59				
09:15		55	42			100	47				
09:30		72	38			85	36				
09:45		86	33	318	160	97	35	385	177	703	337
10:00		75	34			96	29				
10:15		76	22			85	21				
10:30		79	28			87	20				
10:45		89	20	319	104	95	21	363	91	682	195
11:00		77	21			114	11				
11:15		89	14			94	19				
11:30		89	18			95	14				
11:45		93	12	348	65	104	13	407	57	755	122
Total		2398	4474	2398	4474	2477	4835	2477	4835	4875	9309
Combined Total		6872		6872		7312		7312		14184	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	667	-	-	-	640	-	-	-	-	-
P.H.F.		0.798				0.821					
PM Peak	-	-	05:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	630	-	-	-	664	-	-	-	-
P.H.F.			0.949				0.902				
Percentage		34.9%	65.1%			33.9%	66.1%				
ADT/AADT		ADT 14,184		AADT 14,184							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Muirlands Boulevard
E/ Alton Parkway
24 Hour Directional Volume Count

IRV110
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		12	276			6	95				
12:15		6	242			6	84				
12:30		8	259			0	99				
12:45		10	230	36	1007	0	76	12	354	48	1361
01:00		9	204			4	87				
01:15		6	230			2	74				
01:30		0	273			3	118				
01:45		6	222	21	929	6	84	15	363	36	1292
02:00		8	214			4	97				
02:15		6	221			0	64				
02:30		9	299			2	72				
02:45		6	238	29	972	10	74	16	307	45	1279
03:00		8	255			0	82				
03:15		10	231			3	77				
03:30		12	248			1	**109**				
03:45		14	322	44	1056	13	**137**	17	405	61	1461
04:00		42	342			1	**92**				
04:15		17	310			3	**86**				
04:30		37	**372**			1	91				
04:45		91	**302**	187	1326	11	78	16	347	203	1673
05:00		36	**436**			11	116				
05:15		62	**346**			14	82				
05:30		48	320			19	72				
05:45		70	306	216	1408	17	80	61	350	277	1758
06:00		55	262			21	66				
06:15		44	224			26	43				
06:30		63	207			28	52				
06:45		83	188	245	881	45	52	120	213	365	1094
07:00		84	191			52	49				
07:15		77	144			48	34				
07:30		84	130			72	20				
07:45		132	113	377	578	**104**	26	276	129	653	707
08:00		216	86			**130**	38				
08:15		104	58			**116**	16				
08:30		84	64			**107**	25				
08:45		139	64	543	272	94	20	447	99	990	371
09:00		118	68			72	16				
09:15		119	45			56	7				
09:30		124	27			75	14				
09:45		150	26	511	166	63	18	266	55	777	221
10:00		132	53			52	20				
10:15		162	13			66	11				
10:30		184	23			54	18				
10:45		139	8	617	97	90	6	262	55	879	152
11:00		**190**	16			66	12				
11:15		**238**	27			46	8				
11:30		**216**	12			72	3				
11:45		**299**	17	943	72	74	6	258	29	1201	101
Total		3769	8764	3769	8764	1766	2706	1766	2706	5535	11470
Combined Total		12533		12533		4472		4472		17005	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	943	-	-	-	457	-	-	-	-	-
P.H.F.		0.788				0.879					
PM Peak	-	-	04:30	-	-	-	03:30	-	-	-	-
Vol.	-	-	1456	-	-	-	424	-	-	-	-
P.H.F.			0.835				0.774				
Percentage		30.1%	69.9%			39.5%	60.5%				
ADT/AADT		ADT 17,005		AADT 17,005							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Woods
Muirlands Boulevard
E/ El Toro Road
24 Hour Directional Volume Count

LWS107
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	182			16	144				
12:15		16	187			9	162				
12:30		12	183			10	144				
12:45		6	169	53	721	7	146	42	596	95	1317
01:00		4	160			6	142				
01:15		9	158			7	177				
01:30		6	188			8	161				
01:45		7	198	26	704	5	167	26	647	52	1351
02:00		3	168			3	154				
02:15		3	164			5	191				
02:30		7	210			5	**215**				
02:45		5	255	18	797	6	**198**	19	758	37	1555
03:00		4	278			6	**262**				
03:15		5	257			10	**204**				
03:30		7	293			7	194				
03:45		9	240	25	1068	4	207	27	867	52	1935
04:00		9	313			6	181				
04:15		5	312			9	229				
04:30		16	**305**			20	229				
04:45		19	**316**	49	1246	37	182	72	821	121	2067
05:00		15	**344**			30	205				
05:15		17	**342**			22	215				
05:30		39	284			41	202				
05:45		48	297	119	1267	49	196	142	818	261	2085
06:00		49	280			42	185				
06:15		56	272			53	177				
06:30		64	205			86	184				
06:45		67	224	236	981	105	142	286	688	522	1669
07:00		110	200			115	157				
07:15		120	150			168	121				
07:30		**156**	146			**222**	105				
07:45		**199**	119	585	615	**279**	94	784	477	1369	1092
08:00		**207**	101			**400**	102				
08:15		**207**	105			**253**	88				
08:30		137	79			193	74				
08:45		173	91	724	376	164	72	1010	336	1734	712
09:00		96	109			173	84				
09:15		104	119			151	73				
09:30		128	96			122	65				
09:45		118	73	446	397	163	59	609	281	1055	678
10:00		82	54			121	56				
10:15		147	48			120	43				
10:30		106	60			153	32				
10:45		145	40	480	202	161	41	555	172	1035	374
11:00		166	36			138	31				
11:15		156	34			158	27				
11:30		142	15			168	24				
11:45		151	23	615	108	141	34	605	116	1220	224
Total		3376	8482	3376	8482	4177	6577	4177	6577	7553	15059
Combined Total		11858		11858		10754		10754		22612	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	769	-	-	-	1154	-	-	-	-	-
P.H.F.		0.929				0.721					
PM Peak	-	-	04:30	-	-	-	02:30	-	-	-	-
Vol.	-	-	1307	-	-	-	879	-	-	-	-
P.H.F.			0.950				0.839				
Percentage		28.5%	71.5%			38.8%	61.2%				
ADT/AADT		ADT 22,612		AADT 22,612							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Muirlands Boulevard
E/ Ridge Route Drive
24 Hour Directional Volume Count

LKF106
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	167			8	98				
12:15		16	166			13	158				
12:30		13	165			6	120				
12:45		7	151	52	649	4	144	31	520	83	1169
01:00		6	156			6	173				
01:15		11	183			9	137				
01:30		7	169			4	171				
01:45		7	176	31	684	8	130	27	611	58	1295
02:00		8	181			2	131				
02:15		4	165			2	134				
02:30		4	218			4	149				
02:45		10	245	26	809	5	**163**	13	577	39	1386
03:00		3	250			1	**181**				
03:15		7	231			8	**156**				
03:30		6	236			7	**172**				
03:45		1	234	17	951	8	117	24	626	41	1577
04:00		3	271			5	161				
04:15		5	246			14	129				
04:30		5	298			17	126				
04:45		12	274	25	1089	27	159	63	575	88	1664
05:00		8	**331**			24	156				
05:15		12	**365**			21	142				
05:30		21	**298**			36	153				
05:45		20	**310**	61	1304	53	125	134	576	195	1880
06:00		30	216			51	134				
06:15		24	259			58	125				
06:30		62	191			86	109				
06:45		56	142	172	808	106	133	301	501	473	1309
07:00		68	127			116	112				
07:15		87	122			163	79				
07:30		104	107			150	80				
07:45		**159**	82	418	438	**208**	85	637	356	1055	794
08:00		**216**	91			**287**	59				
08:15		**168**	79			**234**	70				
08:30		**118**	87			**214**	43				
08:45		127	81	629	338	128	69	863	241	1492	579
09:00		109	60			136	55				
09:15		126	75			130	41				
09:30		105	59			107	50				
09:45		112	60	452	254	102	42	475	188	927	442
10:00		97	54			86	34				
10:15		118	50			111	36				
10:30		115	25			113	32				
10:45		117	35	447	164	124	25	434	127	881	291
11:00		121	35			96	29				
11:15		137	20			115	16				
11:30		144	18			134	9				
11:45		177	25	579	98	133	17	478	71	1057	169
Total		2909	7586	2909	7586	3480	4969	3480	4969	6389	12555
Combined Total		10495		10495		8449		8449		18944	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	661	-	-	-	943	-	-	-	-	-
P.H.F.		0.765				0.821					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1304	-	-	-	672	-	-	-	-
P.H.F.			0.893				0.928				
Percentage		27.7%	72.3%			41.2%	58.8%				
ADT/AADT		ADT 18,944		AADT 18,944							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Muirlands Boulevard
S/ Los Alisos Boulevard
24 Hour Directional Volume Count

MSV108
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	181			33	204				
12:15		10	219			18	202				
12:30		8	175			17	198				
12:45		4	197	33	772	12	221	80	825	113	1597
01:00		11	194			10	200				
01:15		10	206			7	228				
01:30		8	195			4	253				
01:45		5	192	34	787	9	218	30	899	64	1686
02:00		4	230			5	216				
02:15		1	224			3	262				
02:30		5	**262**			8	275				
02:45		5	**297**	15	1013	12	346	28	1099	43	2112
03:00		4	**306**			8	372				
03:15		13	**233**			6	294				
03:30		8	222			5	307				
03:45		15	287	40	1048	10	284	29	1257	69	2305
04:00		10	219			6	**358**				
04:15		22	243			10	**356**				
04:30		19	272			10	**343**				
04:45		33	242	84	976	15	**366**	41	1423	125	2399
05:00		43	287			17	317				
05:15		47	248			15	365				
05:30		62	240			35	345				
05:45		86	262	238	1037	39	377	106	1404	344	2441
06:00		98	244			28	284				
06:15		110	208			33	327				
06:30		158	174			54	216				
06:45		169	185	535	811	83	224	198	1051	733	1862
07:00		196	144			84	217				
07:15		273	126			121	204				
07:30		291	101			**196**	155				
07:45		**359**	121	1119	492	**227**	132	628	708	1747	1200
08:00		**408**	104			**298**	133				
08:15		**375**	100			**216**	147				
08:30		**331**	79			183	125				
08:45		282	84	1396	367	175	114	872	519	2268	886
09:00		200	83			158	128				
09:15		211	83			158	99				
09:30		195	59			126	87				
09:45		211	48	817	273	140	86	582	400	1399	673
10:00		161	52			157	66				
10:15		204	41			206	48				
10:30		210	22			145	55				
10:45		183	31	758	146	173	46	681	215	1439	361
11:00		184	19			168	29				
11:15		174	16			175	32				
11:30		172	13			190	22				
11:45		213	25	743	73	197	25	730	108	1473	181
Total		5812	7795	5812	7795	4005	9908	4005	9908	9817	17703
Combined Total		13607		13607		13913		13913		27520	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1473	-	-	-	937	-	-	-	-	-
P.H.F.		0.903				0.786					
PM Peak	-	-	02:30	-	-	-	04:00	-	-	-	-
Vol.	-	-	1098	-	-	-	1423	-	-	-	-
P.H.F.			0.897				0.972				
Percentage		42.7%	57.3%			28.8%	71.2%				
ADT/AADT		ADT 27,520		AADT 27,520							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Muirlands Boulevard
W/ Bake Parkway
24 Hour Directional Volume Count

IRV111
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	146			3	**93**				
12:15		10	130			5	**100**				
12:30		8	128			3	**108**				
12:45		6	86	28	490	6	**80**	17	381	45	871
01:00		6	104			5	88				
01:15		5	116			2	92				
01:30		0	166			1	90				
01:45		5	102	16	488	6	78	14	348	30	836
02:00		14	121			3	81				
02:15		9	118			1	52				
02:30		16	164			6	65				
02:45		8	135	47	538	8	70	18	268	65	806
03:00		8	158			5	64				
03:15		8	130			9	66				
03:30		5	169			10	70				
03:45		7	178	28	635	24	87	48	287	76	922
04:00		7	236			19	64				
04:15		6	181			20	51				
04:30		7	**204**			42	58				
04:45		4	**180**	24	801	88	62	169	235	193	1036
05:00		11	**251**			34	68				
05:15		20	**192**			42	59				
05:30		12	176			44	50				
05:45		10	140	53	759	46	82	166	259	219	1018
06:00		18	176			40	59				
06:15		18	114			66	48				
06:30		19	93			55	48				
06:45		24	86	79	469	96	39	257	194	336	663
07:00		35	112			78	48				
07:15		34	84			86	31				
07:30		62	60			102	27				
07:45		56	52	187	308	**154**	56	420	162	607	470
08:00		110	124			**147**	17				
08:15		68	38			**134**	16				
08:30		54	38			**133**	17				
08:45		60	36	292	236	102	13	516	63	808	299
09:00		63	40			84	16				
09:15		64	32			79	6				
09:30		58	18			94	18				
09:45		62	64	247	154	70	11	327	51	574	205
10:00		66	32			78	10				
10:15		78	30			68	5				
10:30		90	30			74	10				
10:45		76	10	310	102	90	8	310	33	620	135
11:00		**110**	6			80	4				
11:15		**118**	20			64	12				
11:30		**118**	8			72	1				
11:45		**153**	5	499	39	70	4	286	21	785	60
Total		1810	5019	1810	5019	2548	2302	2548	2302	4358	7321
Combined Total		6829		6829		4850		4850		11679	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	499	-	-	-	568	-	-	-	-	-
P.H.F.		0.815				0.922					
PM Peak	-	-	04:30	-	-	-	12:00	-	-	-	-
Vol.	-	-	827	-	-	-	381	-	-	-	-
P.H.F.			0.824				0.882				
Percentage		26.5%	73.5%			52.5%	47.5%				
ADT/AADT		ADT 11,679		AADT 11,679							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Muirlands Boulevard
W/ Ridge Route Drive
24 Hour Directional Volume Count

LKF105
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		12	141			9	104				
12:15		15	152			15	158				
12:30		12	145			9	117				
12:45		8	131	47	569	5	139	38	518	85	1087
01:00		7	130			6	165				
01:15		11	144			8	153				
01:30		6	150			4	168				
01:45		6	160	30	584	8	128	26	614	56	1198
02:00		8	151			2	128				
02:15		4	137			5	129				
02:30		3	189			5	148				
02:45		7	219	22	696	4	**164**	16	569	38	1265
03:00		1	214			2	**173**				
03:15		4	221			8	**147**				
03:30		5	181			8	**153**				
03:45		1	211	11	827	8	143	26	616	37	1443
04:00		3	215			3	166				
04:15		2	206			13	142				
04:30		4	243			17	139				
04:45		12	246	21	910	27	164	60	611	81	1521
05:00		5	**288**			28	158				
05:15		10	**312**			22	130				
05:30		20	**255**			35	146				
05:45		16	**281**	51	1136	52	123	137	557	188	1693
06:00		24	167			48	129				
06:15		15	233			55	127				
06:30		47	159			81	116				
06:45		45	127	131	686	105	115	289	487	420	1173
07:00		55	99			114	110				
07:15		71	105			153	77				
07:30		77	89			149	76				
07:45		**118**	71	321	364	**208**	74	624	337	945	701
08:00		**196**	76			**264**	56				
08:15		**140**	71			**245**	69				
08:30		**96**	75			**213**	42				
08:45		97	69	529	291	131	68	853	235	1382	526
09:00		90	56			120	59				
09:15		98	69			127	43				
09:30		77	55			100	47				
09:45		93	42	358	222	85	38	432	187	790	409
10:00		94	41			86	36				
10:15		91	37			99	33				
10:30		105	25			119	30				
10:45		96	31	386	134	125	26	429	125	815	259
11:00		106	33			99	28				
11:15		106	15			118	14				
11:30		130	16			133	9				
11:45		157	20	499	84	119	18	469	69	968	153
Total		2406	6503	2406	6503	3399	4925	3399	4925	5805	11428
Combined Total		8909		8909		8324		8324		17233	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	550	-	-	-	930	-	-	-	-	-
P.H.F.		0.702				0.881					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1136	-	-	-	637	-	-	-	-
P.H.F.			0.910				0.921				
Percentage		27.0%	73.0%			40.8%	59.2%				
ADT/AADT		ADT 17,233		AADT 17,233							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Oak Canyon
W/ Sand Canyon Avenue
24 Hour Directional Volume Count

IRV112
Site Code: 051-24139

Start Time	2/8/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		34	62			0	**60**				
12:15		19	63			0	**54**				
12:30		5	65			1	**69**				
12:45		0	47	58	237	1	**71**	2	254	60	491
01:00		4	65			0	59				
01:15		7	51			0	45				
01:30		1	46			0	47				
01:45		0	59	12	221	3	48	3	199	15	420
02:00		0	58			1	33				
02:15		2	86			0	52				
02:30		0	105			9	55				
02:45		2	65	4	314	16	47	26	187	30	501
03:00		1	62			1	43				
03:15		1	60			3	50				
03:30		1	68			2	38				
03:45		1	50	4	240	4	37	10	168	14	408
04:00		1	**120**			4	28				
04:15		1	**82**			7	46				
04:30		1	**85**			20	33				
04:45		1	**92**	4	379	57	27	88	134	92	513
05:00		3	106			36	32				
05:15		4	92			36	26				
05:30		6	70			59	27				
05:45		8	48	21	316	98	29	229	114	250	430
06:00		10	50			51	17				
06:15		11	38			54	32				
06:30		19	27			49	15				
06:45		16	21	56	136	90	18	244	82	300	218
07:00		22	30			90	16				
07:15		19	19			72	15				
07:30		18	16			71	10				
07:45		19	16	78	81	93	13	326	54	404	135
08:00		24	13			**105**	15				
08:15		23	5			**116**	14				
08:30		18	9			**101**	9				
08:45		26	8	91	35	**97**	5	419	43	510	78
09:00		28	17			101	11				
09:15		24	7			68	4				
09:30		24	11			55	3				
09:45		33	4	109	39	64	4	288	22	397	61
10:00		31	11			52	3				
10:15		33	1			42	2				
10:30		37	5			57	1				
10:45		37	16	138	33	48	2	199	8	337	41
11:00		**46**	11			43	2				
11:15		**39**	2			57	1				
11:30		**38**	2			50	3				
11:45		**64**	1	187	16	36	2	186	8	373	24
Total		762	2047	762	2047	2020	1273	2020	1273	2782	3320
Combined Total		2809		2809		3293		3293		6102	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	187	-	-	-	419	-	-	-	-	-
P.H.F.		0.730				0.903					
PM Peak	-	-	04:00	-	-	-	12:00	-	-	-	-
Vol.	-	-	379	-	-	-	254	-	-	-	-
P.H.F.			0.790				0.894				
Percentage		27.1%	72.9%			61.3%	38.7%				
ADT/AADT		ADT 6,102		AADT 6,102							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Orchard Hills
B/ Big Sycamore / Ridge Gate - Wolf Trail

File Name 300
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	38			0	22				
12:15	3	24			0	28				
12:30	3	44			0	26				
12:45	3	33	10	139	5	36	5	112	15	251
1:00	3	34			1	62				
1:15	1	28			0	54				
1:30	1	58			0	40				
1:45	0	61	5	181	0	41	1	197	6	378
2:00	0	50			0	44				
2:15	1	40			0	52				
2:30	2	73			0	61				
2:45	0	57	3	220	1	44	1	201	4	421
3:00	1	47			1	36				
3:15	0	39			0	34				
3:30	0	28			1	41				
3:45	0	45	1	159	0	43	2	154	3	313
4:00	0	65			0	56				
4:15	0	63			0	43				
4:30	0	62			1	49				
4:45	0	52	0	242	1	40	2	188	2	430
5:00	0	47			0	38				
5:15	0	69			3	48				
5:30	1	61			3	46				
5:45	4	54	5	231	4	32	10	164	15	395
6:00	3	55			1	30				
6:15	3	55			6	26				
6:30	8	51			9	38				
6:45	21	38	35	199	14	20	30	114	65	313
7:00	11	39			14	23				
7:15	12	41			33	21				
7:30	25	29			62	22				
7:45	41	34	89	143	104	16	213	82	302	225
8:00	63	34			92	19				
8:15	43	25			64	14				
8:30	36	24			50	15				
8:45	38	16	180	99	66	9	272	57	452	156
9:00	44	19			66	10				
9:15	69	17			84	5				
9:30	29	20			40	7				
9:45	25	9	167	65	28	4	218	26	385	91
10:00	16	13			28	3				
10:15	26	9			22	3				
10:30	21	9			44	4				
10:45	48	6	111	37	42	3	136	13	247	50
11:00	36	8			42	5				
11:15	28	7			28	2				
11:30	24	2			30	4				
11:45	26	8	114	25	15	1	115	12	229	37
Totals	720	1740			1005	1320				
Combined Totals		2460				2325				
ADT										4785
AM Peak Hour	830	AM			730	AM				
Volume	187				322					
P.H.F.	0.678				0.774					
PM Peak Hour		400	PM			200	PM			
Volume		242				201				
P.H.F.		0.931				0.824				
Percentage	29.3%	70.7%			43.2%	56.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

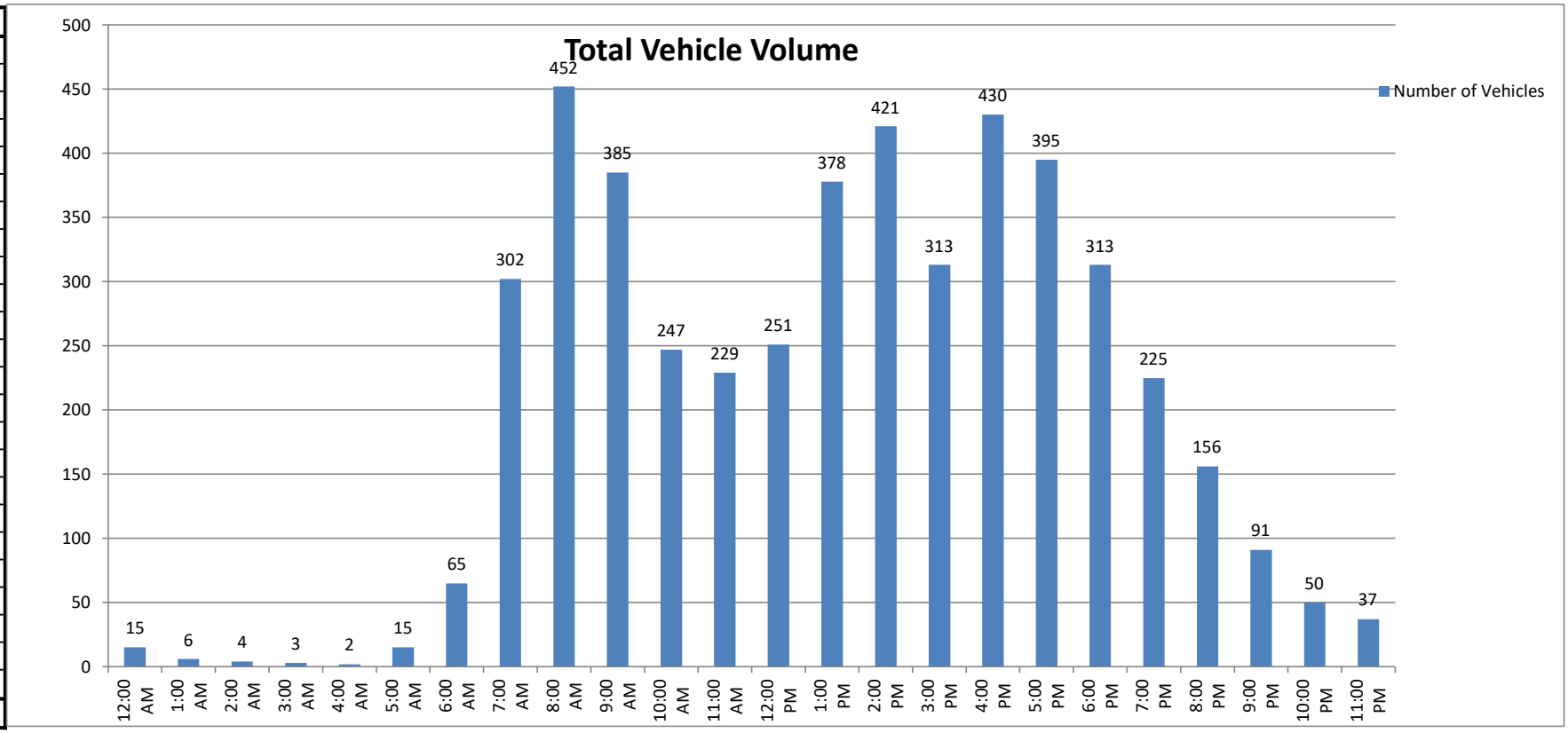
24 Hour Volume Plot

Orchard Hills

B/ Big Sycamore / Ridge Gate - Wolf Trail

5/1/2024

Start Time	5/1/2024
12:00 AM	15
1:00 AM	6
2:00 AM	4
3:00 AM	3
4:00 AM	2
5:00 AM	15
6:00 AM	65
7:00 AM	302
8:00 AM	452
9:00 AM	385
10:00 AM	247
11:00 AM	229
12:00 PM	251
1:00 PM	378
2:00 PM	421
3:00 PM	313
4:00 PM	430
5:00 PM	395
6:00 PM	313
7:00 PM	225
8:00 PM	156
9:00 PM	91
10:00 PM	50
11:00 PM	37
Total	4785



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Orchard Hills
B/ Big Sycamore / Ridge Gate - Wolf Trail

File Name 300
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	30			5	22				
12:15	1	23			0	35				
12:30	1	27			1	23				
12:45	2	25	8	105	2	28	8	108	16	213
1:00	5	41			2	24				
1:15	3	27			3	24				
1:30	0	30			0	29				
1:45	1	29	9	127	0	44	5	121	14	248
2:00	1	40			2	46				
2:15	1	33			0	66				
2:30	0	74			0	59				
2:45	0	57	2	204	2	41	4	212	6	416
3:00	1	75			1	34				
3:15	1	40			1	51				
3:30	1	58			1	46				
3:45	0	47	3	220	0	39	3	170	6	390
4:00	0	72			0	41				
4:15	1	48			0	36				
4:30	1	43			1	43				
4:45	1	58	3	221	0	38	1	158	4	379
5:00	1	62			0	42				
5:15	1	54			5	30				
5:30	4	65			3	32				
5:45	2	45	8	226	4	43	12	147	20	373
6:00	1	65			1	28				
6:15	3	66			5	27				
6:30	3	52			4	31				
6:45	14	40	21	223	14	22	24	108	45	331
7:00	18	42			15	23				
7:15	20	43			32	29				
7:30	22	29			63	19				
7:45	38	32	98	146	118	14	228	85	326	231
8:00	74	23			120	14				
8:15	107	29			122	13				
8:30	70	36			44	13				
8:45	40	25	291	113	30	11	316	51	607	164
9:00	31	17			48	11				
9:15	17	17			34	8				
9:30	25	17			50	5				
9:45	29	10	102	61	31	12	163	36	265	97
10:00	36	17			32	4				
10:15	36	10			25	8				
10:30	30	8			40	3				
10:45	28	4	130	39	22	2	119	17	249	56
11:00	27	3			30	4				
11:15	25	10			24	3				
11:30	20	2			22	4				
11:45	28	2	100	17	22	2	98	13	198	30
Totals	775	1702			981	1226				
Combined Totals		2477				2207				
ADT										4684
AM Peak Hour	800	AM			730	AM				
Volume	291				423					
P.H.F.	0.680				0.867					
PM Peak Hour		230	PM			145	PM			
Volume		246				215				
P.H.F.		0.820				0.814				
Percentage	31.3%	68.7%			44.4%	55.6%				

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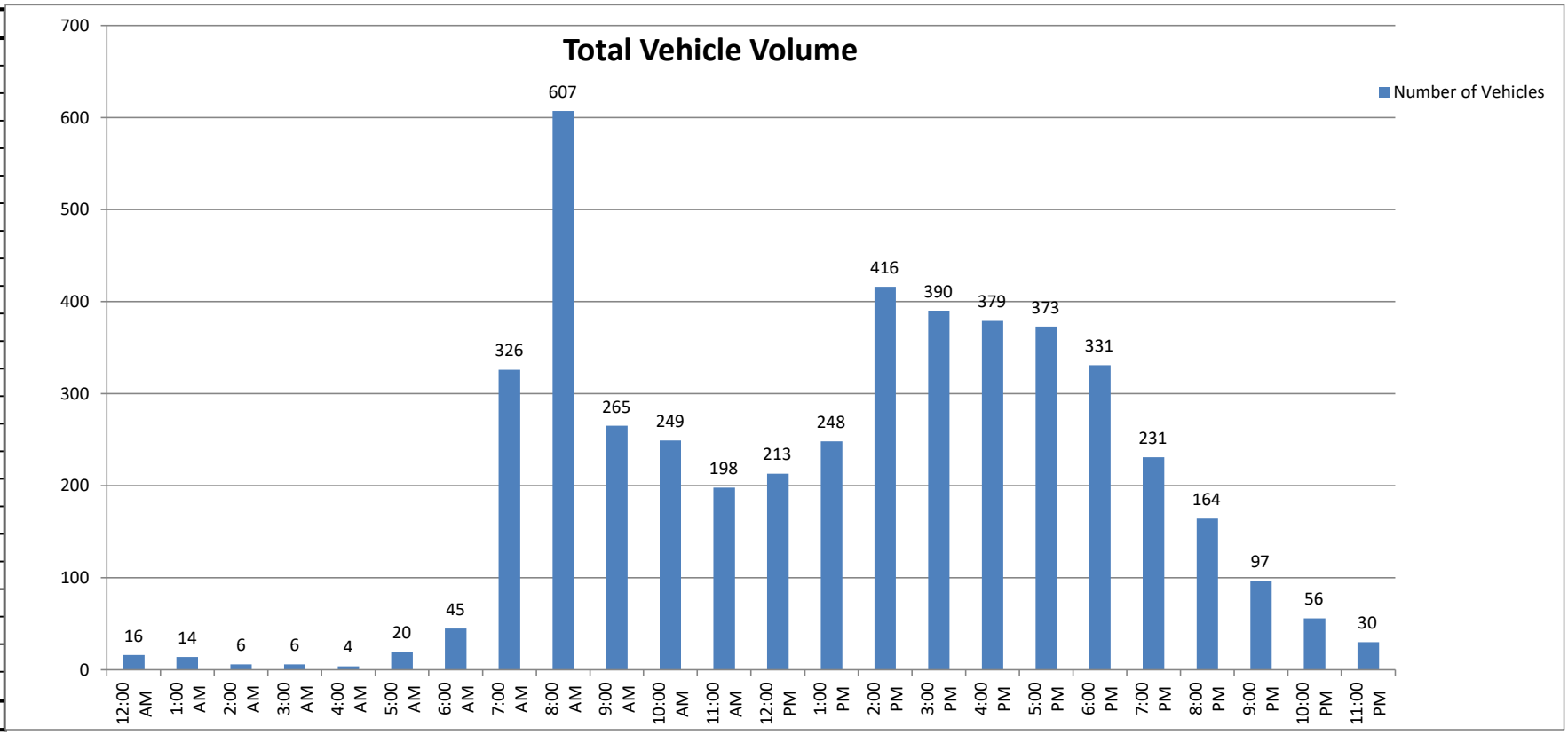
24 Hour Volume Plot

Orchard Hills

B/ Big Sycamore / Ridge Gate - Wolf Trail

5/2/2024

Start Time	5/2/2024
12:00 AM	16
1:00 AM	14
2:00 AM	6
3:00 AM	6
4:00 AM	4
5:00 AM	20
6:00 AM	45
7:00 AM	326
8:00 AM	607
9:00 AM	265
10:00 AM	249
11:00 AM	198
12:00 PM	213
1:00 PM	248
2:00 PM	416
3:00 PM	390
4:00 PM	379
5:00 PM	373
6:00 PM	331
7:00 PM	231
8:00 PM	164
9:00 PM	97
10:00 PM	56
11:00 PM	30
Total	4684



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Orchard Hills
B/ Big Sycamore / Ridge Gate - Wolf Trail

File Name 300
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	34			3	22				
12:15	2	24			0	32				
12:30	2	36			1	25				
12:45	3	29	9	122	4	32	7	110	16	232
1:00	4	38			2	43				
1:15	2	28			2	39				
1:30	1	44			0	35				
1:45	1	45	7	154	0	43	3	159	10	313
2:00	1	45			1	45				
2:15	1	37			0	59				
2:30	1	74			0	60				
2:45	0	57	3	212	2	43	3	207	5	419
3:00	1	61			1	35				
3:15	1	40			1	43				
3:30	1	43			1	44				
3:45	0	46	2	190	0	41	3	162	5	352
4:00	0	69			0	49				
4:15	1	56			0	40				
4:30	1	53			1	46				
4:45	1	55	2	232	1	39	2	173	3	405
5:00	1	55			0	40				
5:15	1	62			4	39				
5:30	3	63			3	39				
5:45	3	50	7	229	4	38	11	156	18	384
6:00	2	60			1	29				
6:15	3	61			6	27				
6:30	6	52			7	35				
6:45	18	39	28	211	14	21	27	111	55	322
7:00	15	41			15	23				
7:15	16	42			33	25				
7:30	24	29			63	21				
7:45	40	33	94	145	111	15	221	84	314	228
8:00	69	29			106	17				
8:15	75	27			93	14				
8:30	53	30			47	14				
8:45	39	21	236	106	48	10	294	54	530	160
9:00	38	18			57	11				
9:15	43	17			59	7				
9:30	27	19			45	6				
9:45	27	10	135	63	30	8	191	31	325	94
10:00	26	15			30	4				
10:15	31	10			24	6				
10:30	26	9			42	4				
10:45	38	5	121	38	32	3	128	15	248	53
11:00	32	6			36	5				
11:15	27	9			26	3				
11:30	22	2			26	4				
11:45	27	5	107	21	19	2	107	13	214	34
Totals	748	1721			993	1273				
Combined Totals		2469				2266				
ADT										4735
AM Peak Hour	745	AM			730	AM				
Volume	236				373					
P.H.F.	0.787				0.839					
PM Peak Hour		515	PM			200	PM			
Volume		234				207				
P.H.F.		0.929				0.860				
Percentage	30.3%	69.7%			43.8%	56.2%				

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City of Irvine
Orchard Hills
B/ Furrow - Big Sycamore / Ridge Gate

File Name 299
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	26			1	32				
12:15	2	30			1	21				
12:30	2	26			2	40				
12:45	6	38	12	120	2	31	6	124	18	244
1:00	4	20			1	34				
1:15	1	25			1	27				
1:30	0	24			0	26				
1:45	0	27	5	96	0	27	2	114	7	210
2:00	1	26			0	41				
2:15	1	31			0	38				
2:30	0	34			1	50				
2:45	1	50	3	141	0	41	1	170	4	311
3:00	0	37			1	52				
3:15	0	38			0	34				
3:30	0	40			0	32				
3:45	0	39	0	154	0	30	1	148	1	302
4:00	0	20			0	43				
4:15	1	32			1	51				
4:30	1	36			2	41				
4:45	1	41	3	129	1	41	4	176	7	305
5:00	0	42			2	43				
5:15	3	36			2	40				
5:30	2	48			0	44				
5:45	3	30	8	156	9	39	13	166	21	322
6:00	3	41			4	35				
6:15	6	43			9	48				
6:30	12	41			10	38				
6:45	12	32	33	157	12	31	35	152	68	309
7:00	13	40			14	37				
7:15	22	42			29	26				
7:30	23	28			56	28				
7:45	40	31	98	141	50	28	149	119	247	260
8:00	36	18			54	26				
8:15	48	21			32	19				
8:30	32	24			33	28				
8:45	48	17	164	80	40	13	159	86	323	166
9:00	35	18			32	10				
9:15	28	13			33	15				
9:30	33	5			37	9				
9:45	32	9	128	45	28	4	130	38	258	83
10:00	21	10			28	13				
10:15	23	6			28	5				
10:30	24	6			24	6				
10:45	24	9	92	31	42	4	122	28	214	59
11:00	24	4			30	3				
11:15	28	6			26	3				
11:30	27	3			24	0				
11:45	24	5	103	18	25	5	105	11	208	29
Totals	649	1268			727	1332				
Combined Totals		1917				2059				
ADT										3976
AM Peak Hour	800	AM			730	AM				
Volume	164				192					
P.H.F.	0.854				0.857					
PM Peak Hour		445	PM			215	PM			
Volume		167				181				
P.H.F.		0.870				0.870				
Percentage	33.9%	66.1%			35.3%	64.7%				

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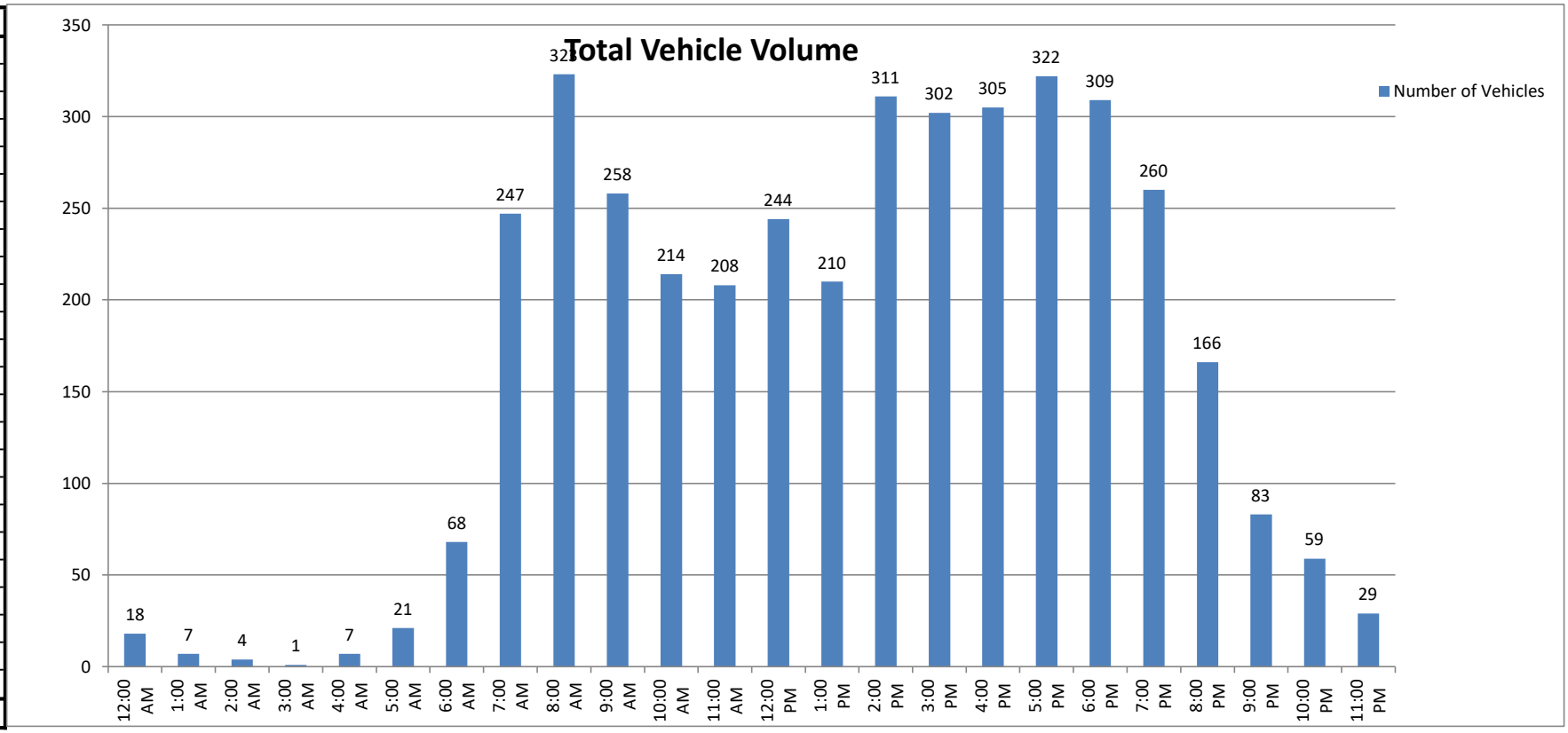
24 Hour Volume Plot

Orchard Hills

B/ Furrow - Big Sycamore / Ridge Gate

5/1/2024

Start Time	5/1/2024
12:00 AM	18
1:00 AM	7
2:00 AM	4
3:00 AM	1
4:00 AM	7
5:00 AM	21
6:00 AM	68
7:00 AM	247
8:00 AM	323
9:00 AM	258
10:00 AM	214
11:00 AM	208
12:00 PM	244
1:00 PM	210
2:00 PM	311
3:00 PM	302
4:00 PM	305
5:00 PM	322
6:00 PM	309
7:00 PM	260
8:00 PM	166
9:00 PM	83
10:00 PM	59
11:00 PM	29
Total	3976



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Orchard Hills
B/ Furrow - Big Sycamore / Ridge Gate

File Name 299
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	31			1	34				
12:15	2	35			1	34				
12:30	1	33			0	30				
12:45	3	27	13	126	1	36	3	134	16	260
1:00	0	30			1	26				
1:15	2	22			1	22				
1:30	2	25			1	30				
1:45	1	27	5	104	1	32	4	110	9	214
2:00	3	22			0	41				
2:15	0	32			1	47				
2:30	0	29			1	52				
2:45	2	30	5	113	0	40	2	180	7	293
3:00	1	43			0	48				
3:15	0	44			0	44				
3:30	2	50			0	53				
3:45	0	32	3	169	0	41	0	186	3	355
4:00	0	41			0	59				
4:15	0	27			1	42				
4:30	1	43			2	46				
4:45	1	48	2	159	1	48	4	195	6	354
5:00	0	36			1	46				
5:15	1	36			2	52				
5:30	1	50			5	46				
5:45	2	41	4	163	4	42	12	186	16	349
6:00	4	40			1	49				
6:15	5	44			7	46				
6:30	4	36			11	46				
6:45	18	26	31	146	10	28	29	169	60	315
7:00	17	34			24	33				
7:15	19	32			37	31				
7:30	33	28			36	23				
7:45	32	35	101	129	51	16	148	103	249	232
8:00	40	26			64	17				
8:15	52	28			46	20				
8:30	34	18			39	24				
8:45	27	16	153	88	53	19	202	80	355	168
9:00	38	8			38	11				
9:15	28	14			37	14				
9:30	30	14			26	17				
9:45	22	21	118	57	26	6	127	48	245	105
10:00	21	19			40	11				
10:15	17	13			34	9				
10:30	33	7			21	4				
10:45	21	4	92	43	34	1	129	25	221	68
11:00	27	7			34	1				
11:15	16	5			20	11				
11:30	25	8			27	1				
11:45	26	3	94	23	24	3	105	16	199	39
Totals	621	1320			765	1432				
Combined Totals		1941				2197				
ADT										4138
AM Peak Hour	745	AM			800	AM				
Volume	158				202					
P.H.F.	0.760				0.789					
PM Peak Hour		530	PM			315	PM			
Volume		175				197				
P.H.F.		0.875				0.835				
Percentage	32.0%	68.0%			34.8%	65.2%				

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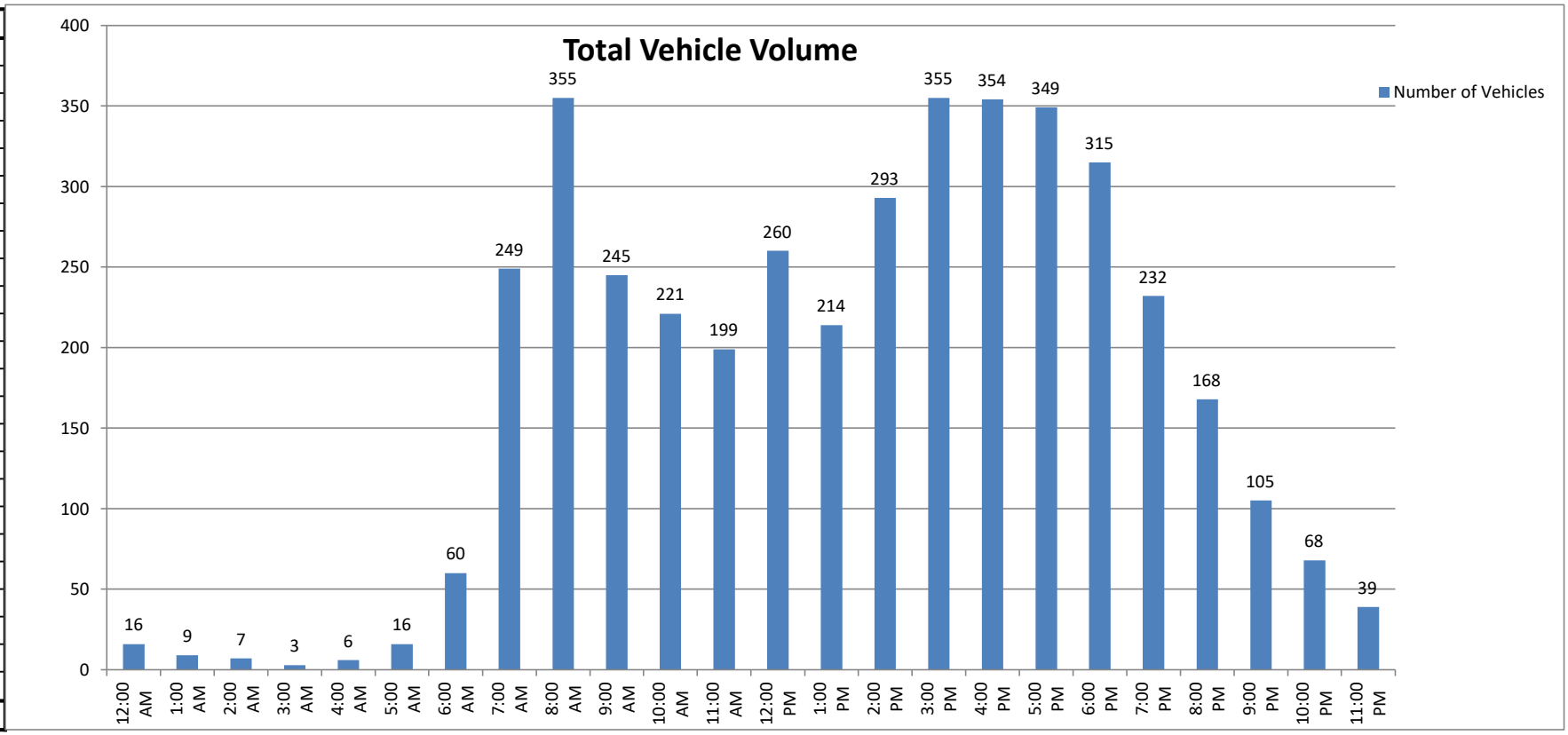
24 Hour Volume Plot

Orchard Hills

B/ Furrow - Big Sycamore / Ridge Gate

5/2/2024

Start Time	5/2/2024
12:00 AM	16
1:00 AM	9
2:00 AM	7
3:00 AM	3
4:00 AM	6
5:00 AM	16
6:00 AM	60
7:00 AM	249
8:00 AM	355
9:00 AM	245
10:00 AM	221
11:00 AM	199
12:00 PM	260
1:00 PM	214
2:00 PM	293
3:00 PM	355
4:00 PM	354
5:00 PM	349
6:00 PM	315
7:00 PM	232
8:00 PM	168
9:00 PM	105
10:00 PM	68
11:00 PM	39
Total	4138



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Orchard Hills
B/ Furrow - Big Sycamore / Ridge Gate

File Name 299
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	29			1	33				
12:15	2	33			1	28				
12:30	2	30			1	35				
12:45	5	33	13	123	2	34	5	129	17	252
1:00	2	25			1	30				
1:15	2	24			1	25				
1:30	1	25			1	28				
1:45	1	27	5	100	1	30	3	112	8	212
2:00	2	24			0	41				
2:15	1	32			1	43				
2:30	0	32			1	51				
2:45	2	40	4	127	0	41	2	175	6	302
3:00	1	40			1	50				
3:15	0	41			0	39				
3:30	1	45			0	43				
3:45	0	36	2	162	0	36	1	167	2	329
4:00	0	31			0	51				
4:15	1	30			1	47				
4:30	1	40			2	44				
4:45	1	45	3	144	1	45	4	186	7	330
5:00	0	39			2	45				
5:15	2	36			2	46				
5:30	2	49			3	45				
5:45	3	36	6	160	7	41	13	176	19	336
6:00	4	41			3	42				
6:15	6	44			8	47				
6:30	8	39			11	42				
6:45	15	29	32	152	11	30	32	161	64	312
7:00	15	37			19	35				
7:15	21	37			33	29				
7:30	28	28			46	26				
7:45	36	33	100	135	51	22	149	111	248	246
8:00	38	22			59	22				
8:15	50	25			39	20				
8:30	33	21			36	26				
8:45	38	17	159	84	47	16	181	83	339	167
9:00	37	13			35	11				
9:15	28	14			35	15				
9:30	32	10			32	13				
9:45	27	15	123	51	27	5	129	43	252	94
10:00	21	15			34	12				
10:15	20	10			31	7				
10:30	29	7			23	5				
10:45	23	7	92	37	38	3	126	27	218	64
11:00	26	6			32	2				
11:15	22	6			23	7				
11:30	26	6			26	1				
11:45	25	4	99	21	25	4	105	14	204	34
Totals	635	1294			746	1382				
Combined Totals		1929				2128				
ADT										4057
AM Peak Hour	800	AM			730	AM				
Volume	159				195					
P.H.F.	0.793				0.824					
PM Peak Hour		530	PM			400	PM			
Volume		169				186				
P.H.F.		0.860				0.909				
Percentage	32.9%	67.1%			35.1%	64.9%				

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City of Irvine
Orchard Hills
B/ Wolf Trail - Portola Parkway

File Name 301
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	56			0	28				
12:15	3	40			4	40				
12:30	2	54			0	58				
12:45	3	46	11	196	2	49	6	175	17	371
1:00	3	52			2	88				
1:15	1	42			0	103				
1:30	2	98			0	76				
1:45	0	106	6	298	0	63	2	330	8	628
2:00	0	100			0	65				
2:15	3	98			1	80				
2:30	2	107			0	242				
2:45	0	82	5	387	1	108	2	495	7	882
3:00	1	79			1	72				
3:15	0	55			0	51				
3:30	0	64			1	68				
3:45	0	107	1	305	1	78	3	269	4	574
4:00	0	103			0	125				
4:15	0	94			0	90				
4:30	0	100			4	71				
4:45	0	75	0	372	2	70	6	356	6	728
5:00	0	78			5	61				
5:15	2	103			7	63				
5:30	1	107			2	72				
5:45	2	88	5	376	8	54	22	250	27	626
6:00	7	86			4	44				
6:15	5	80			13	47				
6:30	16	89			13	55				
6:45	27	80	55	335	28	27	58	173	113	508
7:00	18	59			31	36				
7:15	26	83			58	27				
7:30	37	48			120	35				
7:45	80	49	161	239	170	25	379	123	540	362
8:00	130	46			174	33				
8:15	86	43			98	21				
8:30	98	40			88	27				
8:45	100	40	414	169	100	14	460	95	874	264
9:00	184	34			124	13				
9:15	122	43			164	12				
9:30	40	27			75	12				
9:45	41	16	387	120	56	9	419	46	806	166
10:00	32	25			56	5				
10:15	36	12			52	7				
10:30	46	11			66	6				
10:45	72	7	186	55	56	4	230	22	416	77
11:00	56	10			70	7				
11:15	33	9			57	3				
11:30	45	5			44	5				
11:45	45	12	179	36	30	2	201	17	380	53
Totals	1410	2888			1788	2351				
Combined Totals		4298				4139				
ADT										8437
AM Peak Hour	830	AM			730	AM				
Volume	504				562					
P.H.F.	0.685				0.807					
PM Peak Hour		145	PM			215	PM			
Volume		411				502				
P.H.F.		0.960				0.519				
Percentage	32.8%	67.2%			43.2%	56.8%				

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Corona, CA 92878

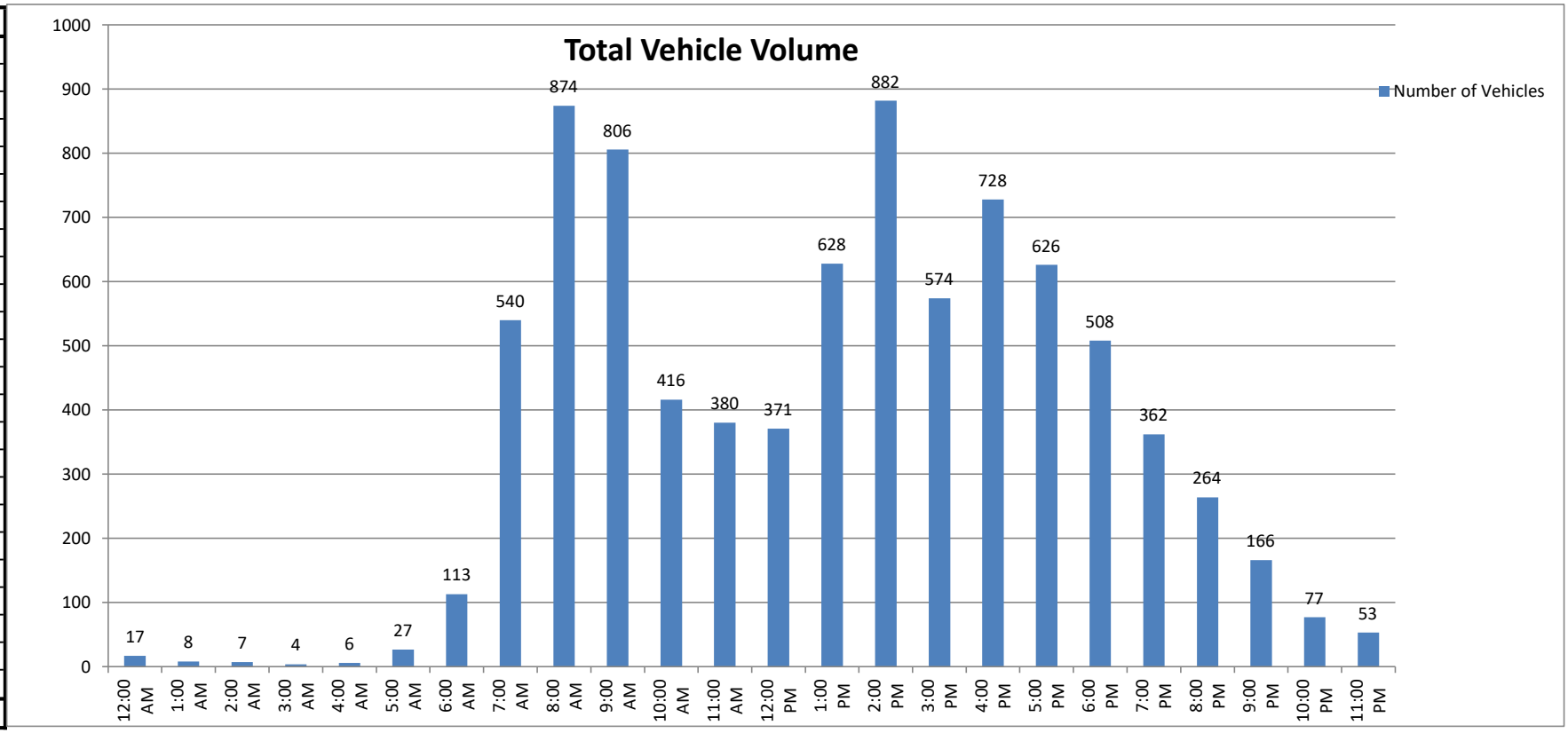
24 Hour Volume Plot

Orchard Hills

B/ Wolf Trail - Portola Parkway

5/1/2024

Start Time	5/1/2024
12:00 AM	17
1:00 AM	8
2:00 AM	7
3:00 AM	4
4:00 AM	6
5:00 AM	27
6:00 AM	113
7:00 AM	540
8:00 AM	874
9:00 AM	806
10:00 AM	416
11:00 AM	380
12:00 PM	371
1:00 PM	628
2:00 PM	882
3:00 PM	574
4:00 PM	728
5:00 PM	626
6:00 PM	508
7:00 PM	362
8:00 PM	264
9:00 PM	166
10:00 PM	77
11:00 PM	53
Total	8437



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Orchard Hills
B/ Wolf Trail - Portola Parkway

File Name 301
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	53			5	46				
12:15	1	49			0	56				
12:30	3	30			2	44				
12:45	2	56	10	188	2	34	9	180	19	368
1:00	4	53			3	45				
1:15	2	32			3	42				
1:30	1	58			1	44				
1:45	1	61	8	204	0	66	7	197	15	401
2:00	1	70			2	84				
2:15	1	94			0	108				
2:30	0	114			1	249				
2:45	1	116	3	394	2	107	5	548	8	942
3:00	1	130			0	75				
3:15	0	58			3	74				
3:30	1	95			1	69				
3:45	0	106	2	389	1	62	5	280	7	669
4:00	0	123			1	162				
4:15	0	52			1	82				
4:30	1	70			1	66				
4:45	1	102	2	347	4	70	7	380	9	727
5:00	1	97			2	67				
5:15	2	92			9	57				
5:30	4	100			9	51				
5:45	2	96	9	385	9	67	29	242	38	627
6:00	6	100			6	47				
6:15	6	97			13	52				
6:30	8	92			13	45				
6:45	26	65	46	354	20	37	52	181	98	535
7:00	28	77			31	45				
7:15	42	63			60	40				
7:30	42	56			102	25				
7:45	109	49	221	245	185	22	378	132	599	377
8:00	219	44			210	28				
8:15	207	50			202	21				
8:30	110	55			120	12				
8:45	64	45	600	194	70	15	602	76	1202	270
9:00	46	35			68	16				
9:15	41	31			64	11				
9:30	40	24			73	9				
9:45	58	19	185	109	44	16	249	52	434	161
10:00	60	29			58	7				
10:15	49	20			53	11				
10:30	54	10			70	5				
10:45	38	11	201	70	44	2	225	25	426	95
11:00	47	4			49	6				
11:15	43	11			42	4				
11:30	40	5			37	4				
11:45	45	4	175	24	46	3	174	17	349	41
Totals	1462	2903			1742	2310				
Combined Totals		4365				4052				
ADT										8417
AM Peak Hour	745	AM			745	AM				
Volume	645				717					
P.H.F.	0.736				0.854					
PM Peak Hour		215	PM			200	PM			
Volume		454				548				
P.H.F.		0.873				0.550				
Percentage	33.5%	66.5%			43.0%	57.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

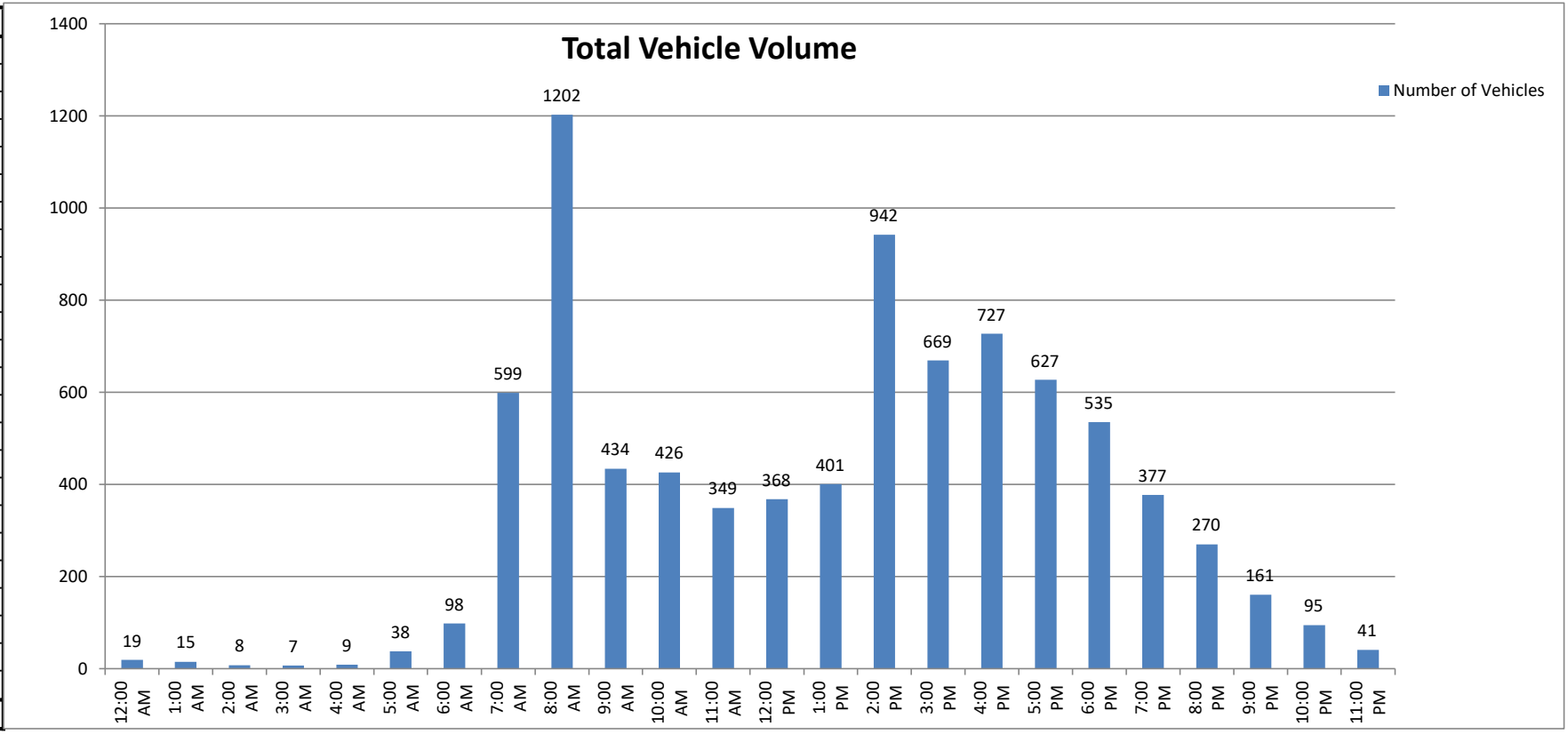
24 Hour Volume Plot

Orchard Hills

B/ Wolf Trail - Portola Parkway

5/2/2024

Start Time	5/2/2024
12:00 AM	19
1:00 AM	15
2:00 AM	8
3:00 AM	7
4:00 AM	9
5:00 AM	38
6:00 AM	98
7:00 AM	599
8:00 AM	1202
9:00 AM	434
10:00 AM	426
11:00 AM	349
12:00 PM	368
1:00 PM	401
2:00 PM	942
3:00 PM	669
4:00 PM	727
5:00 PM	627
6:00 PM	535
7:00 PM	377
8:00 PM	270
9:00 PM	161
10:00 PM	95
11:00 PM	41
Total	8417



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Orchard Hills
B/ Wolf Trail - Portola Parkway

File Name 301
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	55			3	37				
12:15	2	45			2	48				
12:30	3	42			1	51				
12:45	3	51	11	192	2	42	8	178	18	370
1:00	4	53			3	67				
1:15	2	37			2	73				
1:30	2	78			1	60				
1:45	1	84	7	251	0	65	5	264	12	515
2:00	1	85			1	75				
2:15	2	96			1	94				
2:30	1	111			1	246				
2:45	1	99	4	391	2	108	4	522	8	912
3:00	1	105			1	74				
3:15	0	57			2	63				
3:30	1	80			1	69				
3:45	0	107	2	347	1	70	4	275	6	622
4:00	0	113			1	144				
4:15	0	73			1	86				
4:30	1	85			3	69				
4:45	1	89	1	360	3	70	7	368	8	728
5:00	1	88			4	64				
5:15	2	98			8	60				
5:30	3	104			6	62				
5:45	2	92	7	381	9	61	26	246	33	627
6:00	7	93			5	46				
6:15	6	89			13	50				
6:30	12	91			13	50				
6:45	27	73	51	345	24	32	55	177	106	522
7:00	23	68			31	41				
7:15	34	73			59	34				
7:30	40	52			111	30				
7:45	95	49	191	242	178	24	379	128	570	370
8:00	175	45			192	31				
8:15	147	47			150	21				
8:30	104	48			104	20				
8:45	82	43	507	182	85	15	531	86	1038	267
9:00	115	35			96	15				
9:15	82	37			114	12				
9:30	40	26			74	11				
9:45	50	18	286	115	50	13	334	49	620	164
10:00	46	27			57	6				
10:15	43	16			53	9				
10:30	50	11			68	6				
10:45	55	9	194	63	50	3	228	24	421	86
11:00	52	7			60	7				
11:15	38	10			50	4				
11:30	43	5			41	5				
11:45	45	8	177	30	38	3	188	17	365	47
Totals	1436	2896			1765	2331				
Combined Totals		4332				4096				
ADT										8427
AM Peak Hour	745	AM			730	AM				
Volume	520				631					
P.H.F.	0.744				0.821					
PM Peak Hour		215	PM			200	PM			
Volume		410				522				
P.H.F.		0.928				0.531				
Percentage	33.2%	66.8%			43.1%	56.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Pacifica
B/ Alton Parkway - Irvine Center Drive

File Name 303
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	30			8	60				
12:15	2	32			5	35				
12:30	2	20			3	30				
12:45	2	30	13	112	5	28	21	153	34	265
1:00	2	31			1	47				
1:15	4	28			6	34				
1:30	1	29			2	49				
1:45	3	24	10	112	2	47	11	177	21	289
2:00	2	30			4	29				
2:15	4	28			0	38				
2:30	1	34			4	48				
2:45	1	30	8	122	0	37	8	152	16	274
3:00	0	30			1	29				
3:15	1	32			1	22				
3:30	3	40			0	35				
3:45	0	32	4	134	2	26	4	112	8	246
4:00	1	51			1	44				
4:15	3	51			1	44				
4:30	2	56			4	30				
4:45	2	54	8	212	5	33	11	151	19	363
5:00	22	60			8	46				
5:15	3	69			9	56				
5:30	3	74			9	52				
5:45	3	52	31	255	8	59	34	213	65	468
6:00	5	44			17	52				
6:15	8	43			20	41				
6:30	5	56			27	32				
6:45	11	38	29	181	24	34	88	159	117	340
7:00	11	39			37	37				
7:15	26	34			38	37				
7:30	27	36			45	40				
7:45	34	26	98	135	43	26	163	140	261	275
8:00	46	28			57	26				
8:15	35	36			72	27				
8:30	32	22			63	23				
8:45	32	28	145	114	73	16	265	92	410	206
9:00	13	27			77	19				
9:15	26	20			75	24				
9:30	32	19			60	15				
9:45	19	15	90	81	54	5	266	63	356	144
10:00	14	12			34	18				
10:15	19	11			50	10				
10:30	11	7			44	9				
10:45	18	17	62	47	27	5	155	42	217	89
11:00	22	12			27	7				
11:15	14	9			36	8				
11:30	26	10			22	3				
11:45	22	7	84	38	44	6	129	24	213	62
Totals	582	1543			1155	1478				
Combined Totals		2125				2633				
ADT										4758
AM Peak Hour	745	AM			830	AM				
Volume	147				288					
P.H.F.	0.799				0.935					
PM Peak Hour		445	PM			515	PM			
Volume		257				219				
P.H.F.		0.868				0.928				
Percentage	27.4%	72.6%			43.9%	56.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

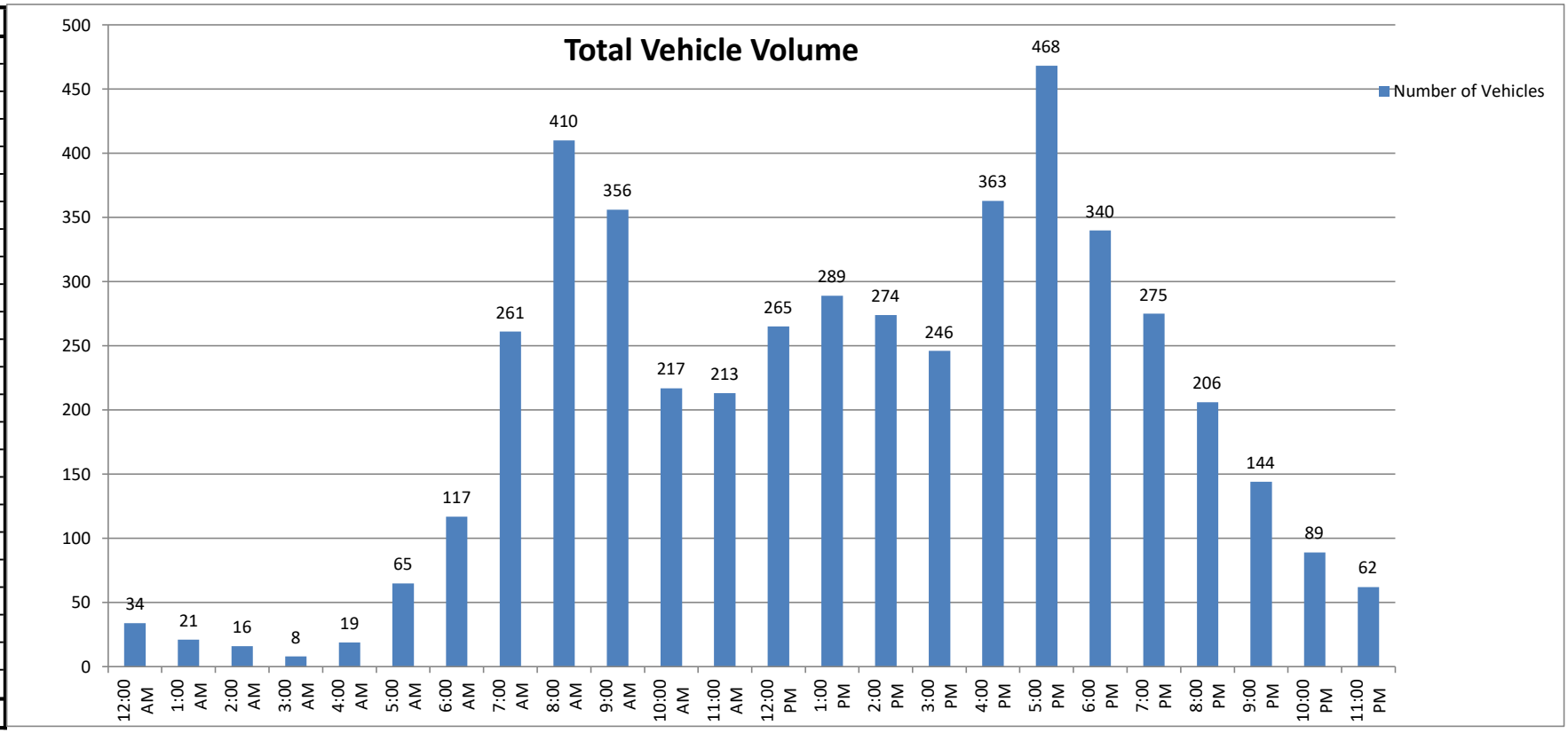
24 Hour Volume Plot

Pacifica

B/ Alton Parkway - Irvine Center Drive

5/1/2024

Start Time	5/1/2024
12:00 AM	34
1:00 AM	21
2:00 AM	16
3:00 AM	8
4:00 AM	19
5:00 AM	65
6:00 AM	117
7:00 AM	261
8:00 AM	410
9:00 AM	356
10:00 AM	217
11:00 AM	213
12:00 PM	265
1:00 PM	289
2:00 PM	274
3:00 PM	246
4:00 PM	363
5:00 PM	468
6:00 PM	340
7:00 PM	275
8:00 PM	206
9:00 PM	144
10:00 PM	89
11:00 PM	62
Total	4758



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Pacifica
B/ Alton Parkway - Irvine Center Drive

File Name 303
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	20			1	34				
12:15	6	23			3	34				
12:30	4	32			3	44				
12:45	1	32	12	107	1	31	8	143	20	250
1:00	1	38			6	31				
1:15	2	26			0	36				
1:30	0	26			1	42				
1:45	1	37	4	127	3	37	10	146	14	273
2:00	1	30			0	35				
2:15	2	22			1	40				
2:30	0	24			0	50				
2:45	0	24	3	100	0	29	1	154	4	254
3:00	0	31			1	32				
3:15	0	40			3	40				
3:30	0	38			1	28				
3:45	1	28	1	137	2	41	7	141	8	278
4:00	0	32			1	36				
4:15	4	32			0	32				
4:30	2	42			2	30				
4:45	6	50	12	156	5	46	8	144	20	300
5:00	2	59			10	52				
5:15	5	62			11	54				
5:30	1	64			3	42				
5:45	1	61	9	246	14	47	38	195	47	441
6:00	7	58			14	60				
6:15	4	42			13	69				
6:30	4	44			24	34				
6:45	11	24	26	168	22	31	73	194	99	362
7:00	18	46			31	31				
7:15	16	42			32	33				
7:30	19	40			36	44				
7:45	30	34	83	162	52	26	151	134	234	296
8:00	38	26			64	33				
8:15	26	24			57	23				
8:30	22	22			55	22				
8:45	34	26	120	98	56	20	232	98	352	196
9:00	26	14			60	21				
9:15	14	13			67	23				
9:30	19	18			54	10				
9:45	19	15	78	60	53	14	234	68	312	128
10:00	18	9			48	15				
10:15	16	11			38	14				
10:30	26	14			43	14				
10:45	18	14	78	48	39	8	168	51	246	99
11:00	18	5			32	8				
11:15	30	6			34	2				
11:30	22	4			50	10				
11:45	23	3	93	18	47	7	163	27	256	45
Totals	519	1427			1093	1495				
Combined Totals		1946				2588				
ADT										4534
AM Peak Hour	800	AM			830	AM				
Volume	120				238					
P.H.F.	0.789				0.888					
PM Peak Hour		500	PM			530	PM			
Volume		246				218				
P.H.F.		0.961				0.790				
Percentage	26.7%	73.3%			42.2%	57.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

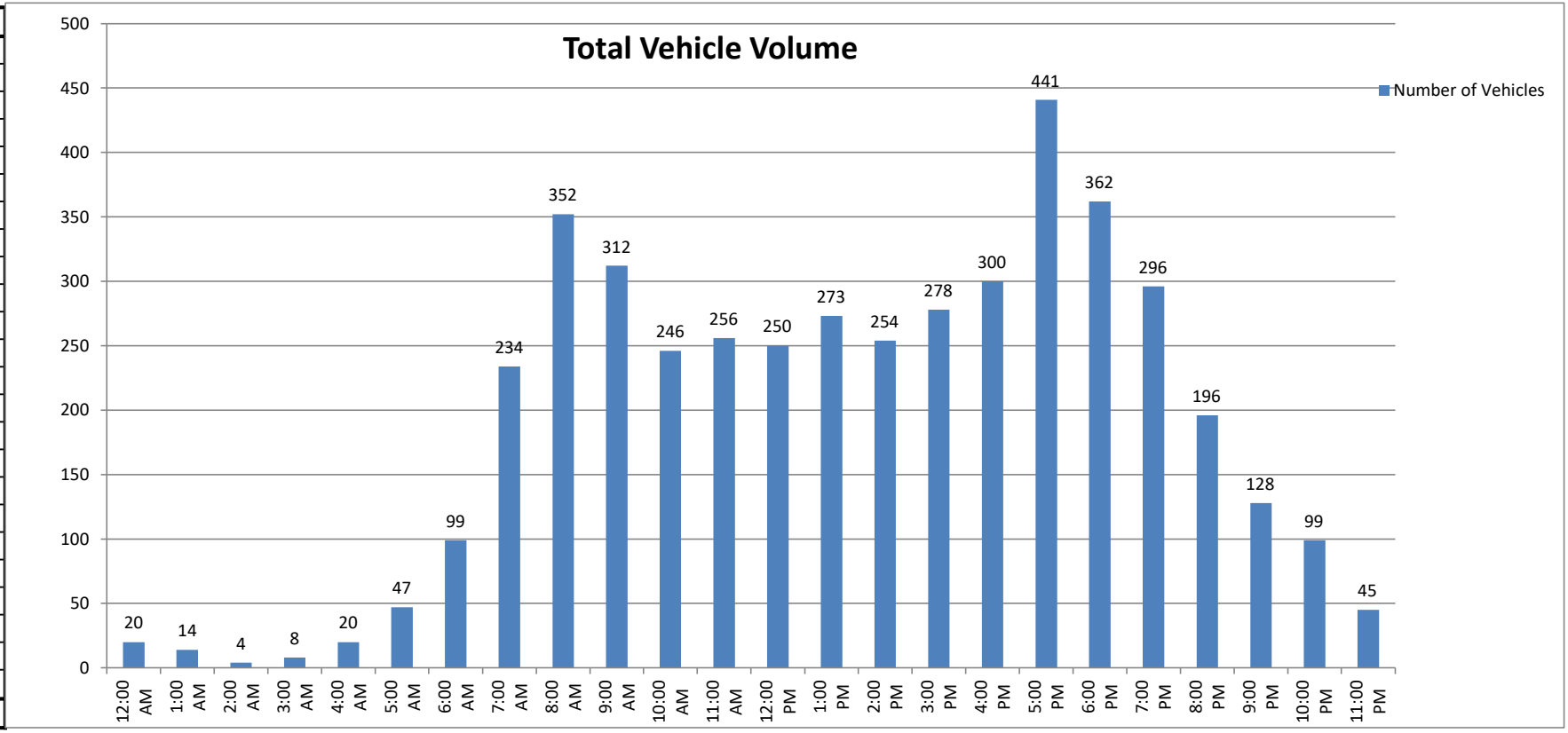
24 Hour Volume Plot

Pacifica

B/ Alton Parkway - Irvine Center Drive

5/2/2024

Start Time	5/2/2024
12:00 AM	20
1:00 AM	14
2:00 AM	4
3:00 AM	8
4:00 AM	20
5:00 AM	47
6:00 AM	99
7:00 AM	234
8:00 AM	352
9:00 AM	312
10:00 AM	246
11:00 AM	256
12:00 PM	250
1:00 PM	273
2:00 PM	254
3:00 PM	278
4:00 PM	300
5:00 PM	441
6:00 PM	362
7:00 PM	296
8:00 PM	196
9:00 PM	128
10:00 PM	99
11:00 PM	45
Total	4534



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Pacifica
B/ Alton Parkway - Irvine Center Drive

File Name 303
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	25			5	47				
12:15	4	28			4	35				
12:30	3	26			3	37				
12:45	2	31	13	110	3	30	15	148	27	258
1:00	2	35			4	39				
1:15	3	27			3	35				
1:30	1	28			2	46				
1:45	2	31	7	120	3	42	11	162	18	281
2:00	2	30			2	32				
2:15	3	25			1	39				
2:30	1	29			2	49				
2:45	1	27	6	111	0	33	5	153	10	264
3:00	0	31			1	31				
3:15	1	36			2	31				
3:30	2	39			1	32				
3:45	1	30	3	136	2	34	6	127	8	262
4:00	1	42			1	40				
4:15	4	42			1	38				
4:30	2	49			3	30				
4:45	4	52	10	184	5	40	10	148	20	332
5:00	12	60			9	49				
5:15	4	66			10	55				
5:30	2	69			6	47				
5:45	2	57	20	251	11	53	36	204	56	455
6:00	6	51			16	56				
6:15	6	43			17	55				
6:30	5	50			26	33				
6:45	11	31	28	175	23	33	81	177	108	351
7:00	15	43			34	34				
7:15	21	38			35	35				
7:30	23	38			41	42				
7:45	32	30	91	149	48	26	157	137	248	286
8:00	42	27			61	30				
8:15	31	30			65	25				
8:30	27	22			59	23				
8:45	33	27	133	106	65	18	249	95	381	201
9:00	20	21			69	20				
9:15	20	17			71	24				
9:30	26	19			57	13				
9:45	19	15	84	71	54	10	250	66	334	136
10:00	16	11			41	17				
10:15	18	11			44	12				
10:30	19	11			44	12				
10:45	18	16	70	48	33	7	162	47	232	94
11:00	20	9			30	8				
11:15	22	8			35	5				
11:30	24	7			36	7				
11:45	23	5	89	28	46	7	146	26	235	54
Totals	551	1485			1124	1487				
Combined Totals		2036				2611				
ADT										4646
AM Peak Hour	800	AM			830	AM				
Volume	133				263					
P.H.F.	0.789				0.926					
PM Peak Hour		500	PM			530	PM			
Volume		251				211				
P.H.F.		0.908				0.942				
Percentage	27.0%	73.0%			43.1%	56.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Pacifica
B/ Barranca Parkway - Alton Parkway

File Name 302
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	73			13	61				
12:15	6	61			1	60				
12:30	11	80			2	48				
12:45	2	76	24	290	2	50	18	219	42	509
1:00	4	72			4	50				
1:15	2	63			2	54				
1:30	2	57			1	66				
1:45	2	86	10	278	4	54	11	224	21	502
2:00	1	72			2	52				
2:15	3	73			0	80				
2:30	1	58			0	60				
2:45	0	68	5	271	2	52	4	244	9	515
3:00	0	66			0	50				
3:15	2	86			0	58				
3:30	3	60			0	75				
3:45	2	80	7	292	2	72	2	255	9	547
4:00	1	84			2	110				
4:15	2	68			0	94				
4:30	7	82			1	108				
4:45	16	100	26	334	4	78	7	390	33	724
5:00	52	102			20	130				
5:15	14	58			6	130				
5:30	20	68			10	115				
5:45	30	68	116	296	8	92	44	467	160	763
6:00	29	58			14	108				
6:15	39	53			24	87				
6:30	37	50			25	78				
6:45	72	43	177	204	15	60	78	333	255	537
7:00	68	43			32	55				
7:15	82	50			44	46				
7:30	92	31			25	40				
7:45	132	26	374	150	37	36	138	177	512	327
8:00	112	26			38	32				
8:15	136	26			52	26				
8:30	117	18			54	36				
8:45	136	24	501	94	58	17	202	111	703	205
9:00	114	18			89	32				
9:15	90	18			50	17				
9:30	95	12			43	18				
9:45	76	13	375	61	35	12	217	79	592	140
10:00	77	11			39	19				
10:15	78	11			34	19				
10:30	49	14			53	3				
10:45	75	14	279	50	36	13	162	54	441	104
11:00	73	4			36	8				
11:15	56	7			32	6				
11:30	74	6			29	4				
11:45	70	4	273	21	42	2	139	20	412	41
Totals	2167	2341			1022	2573				
Combined Totals		4508				3595				
ADT										8103
AM Peak Hour	815	AM			815	AM				
Volume	503				253					
P.H.F.	0.925				0.711					
PM Peak Hour		415	PM			500	PM			
Volume		352				467				
P.H.F.		0.863				0.898				
Percentage	48.1%	51.9%			28.4%	71.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

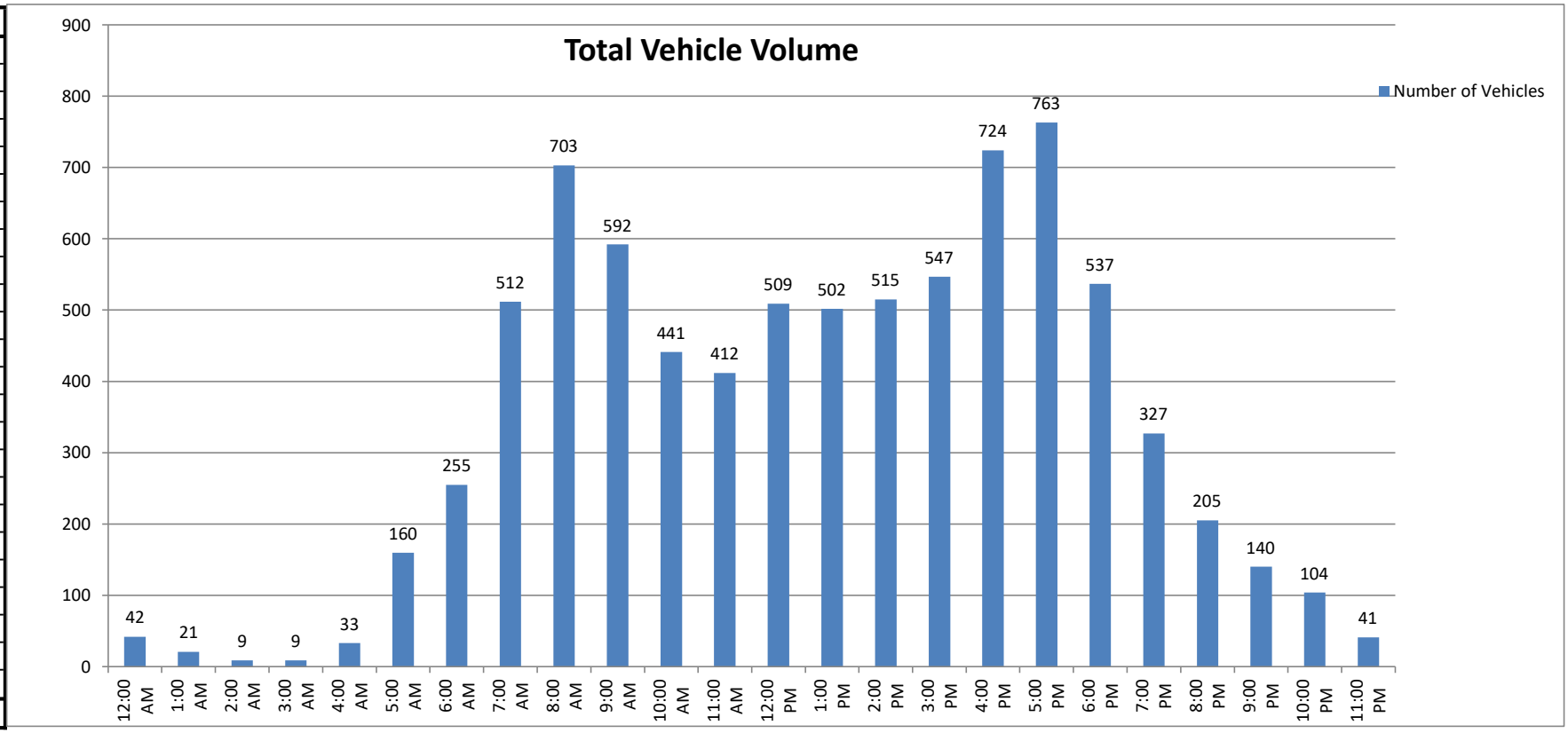
24 Hour Volume Plot

Pacifica

B/ Barranca Parkway - Alton Parkway

5/1/2024

Start Time	5/1/2024
12:00 AM	42
1:00 AM	21
2:00 AM	9
3:00 AM	9
4:00 AM	33
5:00 AM	160
6:00 AM	255
7:00 AM	512
8:00 AM	703
9:00 AM	592
10:00 AM	441
11:00 AM	412
12:00 PM	509
1:00 PM	502
2:00 PM	515
3:00 PM	547
4:00 PM	724
5:00 PM	763
6:00 PM	537
7:00 PM	327
8:00 PM	205
9:00 PM	140
10:00 PM	104
11:00 PM	41
Total	8103



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Pacifica
B/ Barranca Parkway - Alton Parkway

File Name 302
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	62			5	57				
12:15	5	72			6	54				
12:30	11	86			2	38				
12:45	1	78	19	298	2	42	15	191	34	489
1:00	2	75			1	56				
1:15	1	70			4	34				
1:30	3	92			1	43				
1:45	0	80	6	317	2	56	8	189	14	506
2:00	1	56			0	44				
2:15	4	88			1	54				
2:30	0	60			1	72				
2:45	1	64	6	268	1	72	3	242	9	510
3:00	0	66			0	53				
3:15	0	60			0	61				
3:30	4	72			0	82				
3:45	2	86	6	284	1	68	1	264	7	548
4:00	3	82			1	85				
4:15	2	78			0	84				
4:30	8	75			6	108				
4:45	21	88	34	323	6	96	13	373	47	696
5:00	13	80			4	117				
5:15	19	74			10	114				
5:30	27	72			10	88				
5:45	30	72	89	298	12	89	36	408	125	706
6:00	30	71			10	96				
6:15	34	44			22	96				
6:30	44	76			18	66				
6:45	76	58	184	249	18	58	68	316	252	565
7:00	72	40			25	48				
7:15	78	32			48	47				
7:30	96	38			38	46				
7:45	118	35	364	145	40	36	151	177	515	322
8:00	130	30			41	30				
8:15	136	19			45	32				
8:30	110	28			71	26				
8:45	144	26	520	103	64	29	221	117	741	220
9:00	104	17			65	28				
9:15	101	20			44	14				
9:30	90	12			38	12				
9:45	96	11	391	60	28	9	175	63	566	123
10:00	61	11			49	15				
10:15	92	14			52	9				
10:30	82	7			92	14				
10:45	74	8	309	40	44	22	237	60	546	100
11:00	63	8			36	14				
11:15	66	8			37	10				
11:30	61	9			46	5				
11:45	65	4	255	29	58	7	177	36	432	65
Totals	2183	2414			1105	2436				
Combined Totals		4597				3541				
ADT										8138
AM Peak Hour	800	AM			815	AM				
Volume	520				245					
P.H.F.	0.903				0.863					
PM Peak Hour		400	PM			430	PM			
Volume		323				435				
P.H.F.		0.918				0.929				
Percentage	47.5%	52.5%			31.2%	68.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

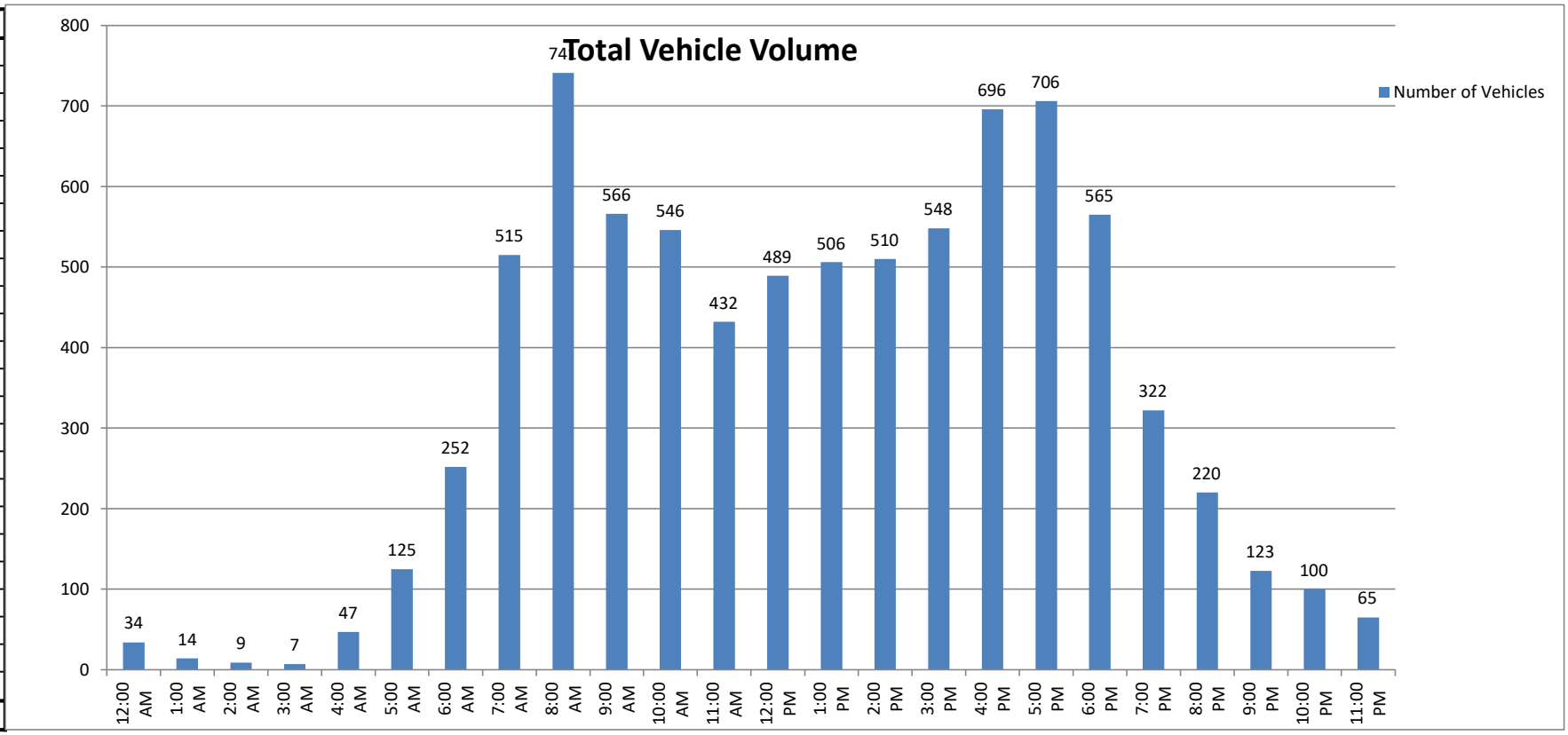
24 Hour Volume Plot

Pacifica

B/ Barranca Parkway - Alton Parkway

5/2/2024

Start Time	5/2/2024
12:00 AM	34
1:00 AM	14
2:00 AM	9
3:00 AM	7
4:00 AM	47
5:00 AM	125
6:00 AM	252
7:00 AM	515
8:00 AM	741
9:00 AM	566
10:00 AM	546
11:00 AM	432
12:00 PM	489
1:00 PM	506
2:00 PM	510
3:00 PM	548
4:00 PM	696
5:00 PM	706
6:00 PM	565
7:00 PM	322
8:00 PM	220
9:00 PM	123
10:00 PM	100
11:00 PM	65
Total	8138



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Pacifica
B/ Barranca Parkway - Alton Parkway

File Name 302
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	68			9	59				
12:15	6	67			4	57				
12:30	11	83			2	43				
12:45	2	77	22	294	2	46	17	205	38	499
1:00	3	74			3	53				
1:15	2	67			3	44				
1:30	3	75			1	55				
1:45	1	83	8	298	3	55	10	207	18	504
2:00	1	64			1	48				
2:15	4	81			1	67				
2:30	1	59			1	66				
2:45	1	66	6	270	2	62	4	243	9	513
3:00	0	66			0	52				
3:15	1	73			0	60				
3:30	4	66			0	79				
3:45	2	83	7	288	2	70	2	260	8	548
4:00	2	83			2	98				
4:15	2	73			0	89				
4:30	8	79			4	108				
4:45	19	94	30	329	5	87	10	382	40	710
5:00	33	91			12	124				
5:15	17	66			8	122				
5:30	24	70			10	102				
5:45	30	70	103	297	10	91	40	438	143	735
6:00	30	65			12	102				
6:15	37	49			23	92				
6:30	41	63			22	72				
6:45	74	51	181	227	17	59	73	325	254	551
7:00	70	42			29	52				
7:15	80	41			46	47				
7:30	94	35			32	43				
7:45	125	31	369	148	39	36	145	177	514	325
8:00	121	28			40	31				
8:15	136	23			49	29				
8:30	114	23			63	31				
8:45	140	25	511	99	61	23	212	114	722	213
9:00	109	18			77	30				
9:15	96	19			47	16				
9:30	93	12			41	15				
9:45	86	12	383	61	32	11	196	71	579	132
10:00	69	11			44	17				
10:15	85	13			43	14				
10:30	66	11			73	9				
10:45	75	11	294	45	40	18	200	57	494	102
11:00	68	6			36	11				
11:15	61	8			35	8				
11:30	68	8			38	5				
11:45	68	4	264	25	50	5	158	28	422	53
Totals	2175	2378			1064	2505				
Combined Totals		4553				3568				
ADT										8121
AM Peak Hour	800	AM			815	AM				
Volume	511				249					
P.H.F.	0.912				0.808					
PM Peak Hour		415	PM			430	PM			
Volume		337				441				
P.H.F.		0.895				0.892				
Percentage	47.8%	52.2%			29.8%	70.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Paseo De Valencia
E/ Alicia Parkway
24 Hour Directional Volume Count

LHS113
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	103			9	72				
12:15		4	95			3	86				
12:30		3	87			2	84				
12:45		3	100	17	385	2	76	16	318	33	703
01:00		3	98			0	67				
01:15		0	144			2	107				
01:30		3	122			2	77				
01:45		2	108	8	472	2	88	6	339	14	811
02:00		3	119			1	57				
02:15		2	100			2	93				
02:30		2	127			1	120				
02:45		5	144	12	490	2	115	6	385	18	875
03:00		3	127			1	133				
03:15		0	155			6	91				
03:30		2	142			3	126				
03:45		3	137	8	561	5	104	15	454	23	1015
04:00		0	181			1	128				
04:15		1	154			5	119				
04:30		4	**175**			1	97				
04:45		9	**168**	14	678	8	115	15	459	29	1137
05:00		6	**179**			8	91				
05:15		3	**189**			7	**145**				
05:30		12	147			14	**135**				
05:45		18	151	39	666	15	**146**	44	517	83	1183
06:00		18	139			16	**100**				
06:15		22	125			15	94				
06:30		34	103			26	77				
06:45		29	90	103	457	32	76	89	347	192	804
07:00		49	96			63	75				
07:15		75	59			118	54				
07:30		**143**	68			113	52				
07:45		**112**	46	379	269	**125**	46	419	227	798	496
08:00		**122**	66			**182**	54				
08:15		**144**	45			**181**	38				
08:30		95	45			**126**	31				
08:45		76	49	437	205	90	45	579	168	1016	373
09:00		69	55			69	41				
09:15		66	41			90	29				
09:30		70	40			73	26				
09:45		74	44	279	180	72	26	304	122	583	302
10:00		77	32			69	24				
10:15		89	23			93	20				
10:30		86	23			68	14				
10:45		97	20	349	98	89	9	319	67	668	165
11:00		106	21			68	10				
11:15		92	16			81	11				
11:30		91	9			69	8				
11:45		111	8	400	54	84	6	302	35	702	89
Total		2045	4515	2045	4515	2114	3438	2114	3438	4159	7953
Combined Total		6560		6560		5552		5552		12112	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	521	-	-	-	614	-	-	-	-	-
P.H.F.		0.905				0.843					
PM Peak	-	-	04:30	-	-	-	05:15	-	-	-	-
Vol.	-	-	711	-	-	-	526	-	-	-	-
P.H.F.			0.940				0.901				
Percentage		31.2%	68.8%			38.1%	61.9%				
ADT/AADT		ADT 12,112		AADT 12,112							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Paseo De Valencia
E/ El Toro Road
24 Hour Directional Volume Count

LHS115
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		13	195			15	223				
12:15		15	194			14	202				
12:30		10	217			9	171				
12:45		8	214	46	820	8	184	46	780	92	1600
01:00		7	237			8	168				
01:15		6	196			11	193				
01:30		2	195			8	186				
01:45		5	231	20	859	4	176	31	723	51	1582
02:00		10	**247**			4	201				
02:15		2	**228**			3	214				
02:30		3	**202**			6	216				
02:45		9	**253**	24	930	2	237	15	868	39	1798
03:00		6	221			0	189				
03:15		6	217			5	187				
03:30		4	226			5	**248**				
03:45		7	226	23	890	6	**208**	16	832	39	1722
04:00		10	198			6	**232**				
04:15		14	216			9	**222**				
04:30		13	188			10	219				
04:45		36	193	73	795	13	201	38	874	111	1669
05:00		35	189			14	220				
05:15		42	175			20	192				
05:30		50	181			32	187				
05:45		93	219	220	764	31	169	97	768	317	1532
06:00		74	162			33	129				
06:15		72	130			33	146				
06:30		102	147			48	111				
06:45		202	131	450	570	60	104	174	490	624	1060
07:00		136	126			56	104				
07:15		196	92			100	99				
07:30		192	90			119	91				
07:45		**252**	77	776	385	115	62	390	356	1166	741
08:00		**255**	75			124	75				
08:15		**266**	76			105	66				
08:30		**216**	66			138	62				
08:45		228	83	965	300	148	46	515	249	1480	549
09:00		213	70			148	46				
09:15		192	69			143	38				
09:30		189	60			170	45				
09:45		227	57	821	256	153	25	614	154	1435	410
10:00		199	31			178	33				
10:15		217	31			179	33				
10:30		205	28			177	21				
10:45		203	33	824	123	183	28	717	115	1541	238
11:00		202	19			**194**	17				
11:15		217	16			**202**	34				
11:30		168	15			**215**	25				
11:45		197	11	784	61	**202**	22	813	98	1597	159
Total		5026	6753	5026	6753	3466	6307	3466	6307	8492	13060
Combined Total		11779		11779		9773		9773		21552	
AM Peak	-	07:45	-	-	-	11:00	-	-	-	-	-
Vol.	-	989	-	-	-	813	-	-	-	-	-
P.H.F.		0.930				0.945					
PM Peak	-	-	02:00	-	-	-	03:30	-	-	-	-
Vol.	-	-	930	-	-	-	910	-	-	-	-
P.H.F.			0.919				0.917				
Percentage		42.7%	57.3%			35.5%	64.5%				
ADT/AADT		ADT 21,552		AADT 21,552							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Paseo De Valencia
E/ Los Alisos Boulevard
24 Hour Directional Volume Count

LHS116
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		26	205			23	257				
12:15		26	221			13	199				
12:30		16	229			8	235				
12:45		13	215	81	870	9	233	53	924	134	1794
01:00		13	213			9	224				
01:15		12	226			7	309				
01:30		5	260			11	276				
01:45		8	253	38	952	3	289	30	1098	68	2050
02:00		10	239			2	252				
02:15		2	276			2	271				
02:30		3	288			6	330				
02:45		13	319	28	1122	3	365	13	1218	41	2340
03:00		5	339			7	282				
03:15		11	375			8	286				
03:30		8	334			4	303				
03:45		14	352	38	1400	12	**384**	31	1255	69	2655
04:00		13	376			4	**343**				
04:15		11	366			13	**342**				
04:30		20	350			18	**315**				
04:45		35	**361**	79	1453	23	316	58	1316	137	2769
05:00		28	**437**			35	325				
05:15		49	**377**			29	394				
05:30		56	**363**			40	316				
05:45		82	332	215	1509	62	304	166	1339	381	2848
06:00		67	305			58	298				
06:15		69	238			51	259				
06:30		99	253			105	211				
06:45		124	219	359	1015	152	189	366	957	725	1972
07:00		112	179			163	190				
07:15		199	192			252	165				
07:30		236	166			**322**	138				
07:45		**290**	148	837	685	**436**	117	1173	610	2010	1295
08:00		**258**	143			**416**	121				
08:15		**301**	151			**368**	97				
08:30		**269**	112			307	98				
08:45		183	125	1011	531	327	91	1418	407	2429	938
09:00		172	110			222	99				
09:15		161	133			235	68				
09:30		157	120			234	73				
09:45		208	84	698	447	202	48	893	288	1591	735
10:00		161	64			235	67				
10:15		196	63			230	42				
10:30		221	47			201	32				
10:45		219	52	797	226	232	32	898	173	1695	399
11:00		180	42			209	32				
11:15		204	34			259	27				
11:30		213	36			240	18				
11:45		215	20	812	132	215	29	923	106	1735	238
Total		4993	10342	4993	10342	6022	9691	6022	9691	11015	20033
Combined Total		15335		15335		15713		15713		31048	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1118	-	-	-	1542	-	-	-	-	-
P.H.F.		0.929				0.884					
PM Peak	-	-	04:45	-	-	-	03:45	-	-	-	-
Vol.	-	-	1538	-	-	-	1384	-	-	-	-
P.H.F.			0.880				0.901				
Percentage		32.6%	67.4%			38.3%	61.7%				
ADT/AADT		ADT 31,048		AADT 31,048							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Paseo De Valencia
W/ Alicia Parkway
24 Hour Directional Volume Count

LHS114
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		12	159			16	133				
12:15		18	184			5	166				
12:30		11	181			10	182				
12:45		6	177	47	701	6	178	37	659	84	1360
01:00		10	176			5	173				
01:15		5	215			6	204				
01:30		4	198			5	171				
01:45		2	198	21	787	2	195	18	743	39	1530
02:00		7	202			3	166				
02:15		2	203			4	172				
02:30		4	237			4	**292**				
02:45		6	234	19	876	6	**242**	17	872	36	1748
03:00		4	236			2	**256**				
03:15		8	249			14	**224**				
03:30		6	277			8	225				
03:45		7	249	25	1011	10	214	34	919	59	1930
04:00		6	**351**			8	225				
04:15		8	**267**			16	246				
04:30		14	**298**			6	200				
04:45		31	**306**	59	1222	11	236	41	907	100	2129
05:00		21	287			17	206				
05:15		31	322			14	254				
05:30		38	253			25	252				
05:45		69	281	159	1143	31	224	87	936	246	2079
06:00		48	220			30	197				
06:15		51	201			37	197				
06:30		73	197			58	182				
06:45		75	131	247	749	80	142	205	718	452	1467
07:00		87	172			103	150				
07:15		132	123			182	131				
07:30		**228**	124			180	111				
07:45		**204**	108	651	527	**259**	106	724	498	1375	1025
08:00		**253**	105			**264**	115				
08:15		**211**	114			**320**	73				
08:30		187	78			**216**	75				
08:45		164	108	815	405	227	70	1027	333	1842	738
09:00		122	73			158	75				
09:15		157	83			159	71				
09:30		143	72			163	69				
09:45		187	73	609	301	145	50	625	265	1234	566
10:00		116	47			148	64				
10:15		148	42			167	47				
10:30		160	34			154	39				
10:45		179	39	603	162	153	18	622	168	1225	330
11:00		182	23			152	28				
11:15		181	25			177	29				
11:30		170	18			166	17				
11:45		191	12	724	78	167	10	662	84	1386	162
Total		3979	7962	3979	7962	4099	7102	4099	7102	8078	15064
Combined Total		11941		11941		11201		11201		23142	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	896	-	-	-	1059	-	-	-	-	-
P.H.F.		0.885				0.827					
PM Peak	-	-	04:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	1222	-	-	-	1014	-	-	-	-
P.H.F.			0.870				0.868				
Percentage		33.3%	66.7%			36.6%	63.4%				
ADT/AADT		ADT 23,142		AADT 23,142							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Paseo De Valencia
W/ Los Alisos Boulevard
24 Hour Directional Volume Count

LHS117
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		19	159			8	179				
12:15		18	151			6	144				
12:30		11	160			3	161				
12:45		8	127	56	597	9	178	26	662	82	1259
01:00		10	150			6	155				
01:15		9	130			5	**205**				
01:30		3	150			4	**179**				
01:45		1	151	23	581	5	**189**	20	728	43	1309
02:00		5	154			0	**167**				
02:15		2	167			2	171				
02:30		0	169			4	162				
02:45		5	180	12	670	0	178	6	678	18	1348
03:00		3	178			1	186				
03:15		2	188			6	149				
03:30		6	222			2	164				
03:45		3	229	14	817	4	194	13	693	27	1510
04:00		5	207			4	166				
04:15		9	225			8	148				
04:30		10	**225**			12	116				
04:45		21	**235**	45	892	19	134	43	564	88	1456
05:00		18	**278**			23	161				
05:15		30	**231**			18	156				
05:30		32	207			27	135				
05:45		36	202	116	918	59	154	127	606	243	1524
06:00		30	149			42	128				
06:15		26	133			33	127				
06:30		57	144			79	101				
06:45		65	120	178	546	117	106	271	462	449	1008
07:00		81	109			98	89				
07:15		91	97			139	76				
07:30		113	95			167	70				
07:45		111	85	396	386	**238**	54	642	289	1038	675
08:00		105	80			**217**	50				
08:15		106	86			**232**	51				
08:30		105	71			**216**	47				
08:45		95	79	411	316	225	38	890	186	1301	502
09:00		84	60			168	34				
09:15		109	67			162	30				
09:30		115	64			189	31				
09:45		132	41	440	232	143	33	662	128	1102	360
10:00		131	31			177	26				
10:15		143	32			174	17				
10:30		**153**	29			164	13				
10:45		**157**	19	584	111	182	14	697	70	1281	181
11:00		**133**	27			144	18				
11:15		**148**	22			158	15				
11:30		153	23			164	5				
11:45		133	8	567	80	138	16	604	54	1171	134
Total		2842	6146	2842	6146	4001	5120	4001	5120	6843	11266
Combined Total		8988		8988		9121		9121		18109	
AM Peak	-	10:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	591	-	-	-	903	-	-	-	-	-
P.H.F.		0.941				0.949					
PM Peak	-	-	04:30	-	-	-	01:15	-	-	-	-
Vol.	-	-	969	-	-	-	740	-	-	-	-
P.H.F.			0.871				0.902				
Percentage		31.6%	68.4%			43.9%	56.1%				
ADT/AADT		ADT 18,109		AADT 18,109							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Springs
B/ Portola Parkway - Modjeska

File Name 313
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	48			2	31				
12:15	2	34			3	30				
12:30	4	33			3	30				
12:45	2	23	10	138	3	28	11	119	21	257
1:00	0	36			1	34				
1:15	1	26			0	30				
1:30	2	39			2	31				
1:45	3	60	6	161	1	18	4	113	10	274
2:00	0	58			1	44				
2:15	1	68			2	106				
2:30	3	85			1	132				
2:45	2	50	6	261	0	120	4	402	10	663
3:00	0	72			0	83				
3:15	0	58			0	88				
3:30	5	60			1	84				
3:45	4	55	9	245	1	92	2	347	11	592
4:00	3	56			3	107				
4:15	4	46			1	105				
4:30	6	61			1	96				
4:45	8	58	21	221	2	118	7	426	28	647
5:00	6	59			1	89				
5:15	9	69			4	110				
5:30	8	58			7	94				
5:45	14	68	37	254	6	71	18	364	55	618
6:00	16	66			9	64				
6:15	18	51			3	60				
6:30	30	64			9	56				
6:45	36	40	100	221	14	54	35	234	135	455
7:00	47	39			26	32				
7:15	56	43			21	42				
7:30	98	30			50	32				
7:45	152	42	353	154	102	29	199	135	552	289
8:00	124	26			152	18				
8:15	114	28			73	25				
8:30	58	33			54	25				
8:45	58	19	354	106	56	30	335	98	689	204
9:00	50	22			37	25				
9:15	52	23			22	22				
9:30	35	14			28	16				
9:45	44	14	181	73	22	20	109	83	290	156
10:00	34	12			29	11				
10:15	23	11			21	11				
10:30	46	16			24	12				
10:45	43	7	146	46	15	14	89	48	235	94
11:00	50	6			30	7				
11:15	44	3			64	8				
11:30	44	5			42	4				
11:45	26	4	164	18	34	3	170	22	334	40
Totals	1387	1898			983	2391				
Combined Totals		3285				3374				
ADT										6659
AM Peak Hour	730	AM			745	AM				
Volume	488				381					
P.H.F.	0.803				0.627					
PM Peak Hour		215	PM			215	PM			
Volume		275				441				
P.H.F.		0.809				0.835				
Percentage	42.2%	57.8%			29.1%	70.9%				

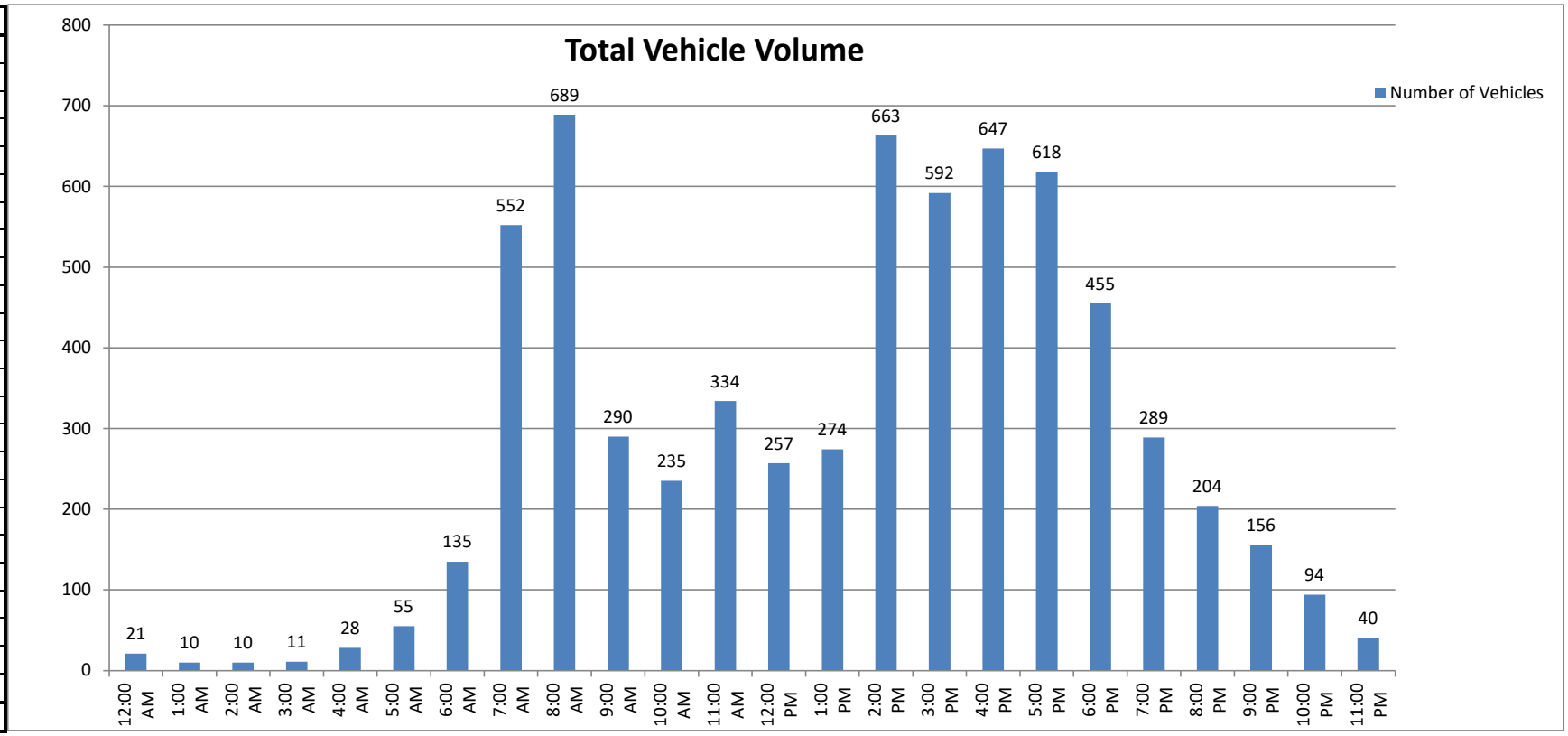
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Springs
B/ Portola Parkway - Modjeska
5/7/2024

Start Time	5/7/2024
12:00 AM	21
1:00 AM	10
2:00 AM	10
3:00 AM	11
4:00 AM	28
5:00 AM	55
6:00 AM	135
7:00 AM	552
8:00 AM	689
9:00 AM	290
10:00 AM	235
11:00 AM	334
12:00 PM	257
1:00 PM	274
2:00 PM	663
3:00 PM	592
4:00 PM	647
5:00 PM	618
6:00 PM	455
7:00 PM	289
8:00 PM	204
9:00 PM	156
10:00 PM	94
11:00 PM	40
Total	6659



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Portola Springs
B/ Portola Parkway - Modjeska

File Name 313
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	30			2	34				
12:15	3	32			3	34				
12:30	3	46			2	37				
12:45	4	47	12	155	2	21	9	126	21	281
1:00	5	57			0	34				
1:15	1	62			1	72				
1:30	1	88			0	117				
1:45	3	44	10	251	1	51	2	274	12	525
2:00	1	53			1	23				
2:15	1	46			2	72				
2:30	4	42			3	98				
2:45	1	50	7	191	1	65	7	258	14	449
3:00	2	44			0	65				
3:15	1	51			0	60				
3:30	5	64			1	78				
3:45	3	62	11	221	1	88	2	291	13	512
4:00	1	62			4	68				
4:15	5	41			1	78				
4:30	7	52			4	86				
4:45	7	54	20	209	0	80	9	312	29	521
5:00	5	62			2	80				
5:15	8	75			1	112				
5:30	7	75			8	90				
5:45	12	60	32	272	4	78	15	360	47	632
6:00	9	64			8	71				
6:15	27	54			5	50				
6:30	30	62			11	52				
6:45	36	28	102	208	13	41	37	214	139	422
7:00	48	53			27	41				
7:15	46	46			24	56				
7:30	87	48			41	30				
7:45	140	46	321	193	96	30	188	157	509	350
8:00	138	38			129	23				
8:15	118	32			89	26				
8:30	74	42			74	24				
8:45	53	19	383	131	50	25	342	98	725	229
9:00	48	34			28	17				
9:15	52	19			36	14				
9:30	44	14			32	17				
9:45	62	20	206	87	30	14	126	62	332	149
10:00	40	19			39	16				
10:15	42	6			30	14				
10:30	34	14			19	12				
10:45	38	7	154	46	31	11	119	53	273	99
11:00	38	8			28	8				
11:15	35	6			36	2				
11:30	28	3			36	3				
11:45	26	5	127	22	26	0	126	13	253	35
Totals	1385	1986			982	2218				
Combined Totals		3371				3200				
ADT										6571
AM Peak Hour	730	AM			745	AM				
Volume	483				388					
P.H.F.	0.863				0.752					
PM Peak Hour		515	PM			445	PM			
Volume		274				362				
P.H.F.		0.913				0.808				
Percentage	41.1%	58.9%			30.7%	69.3%				

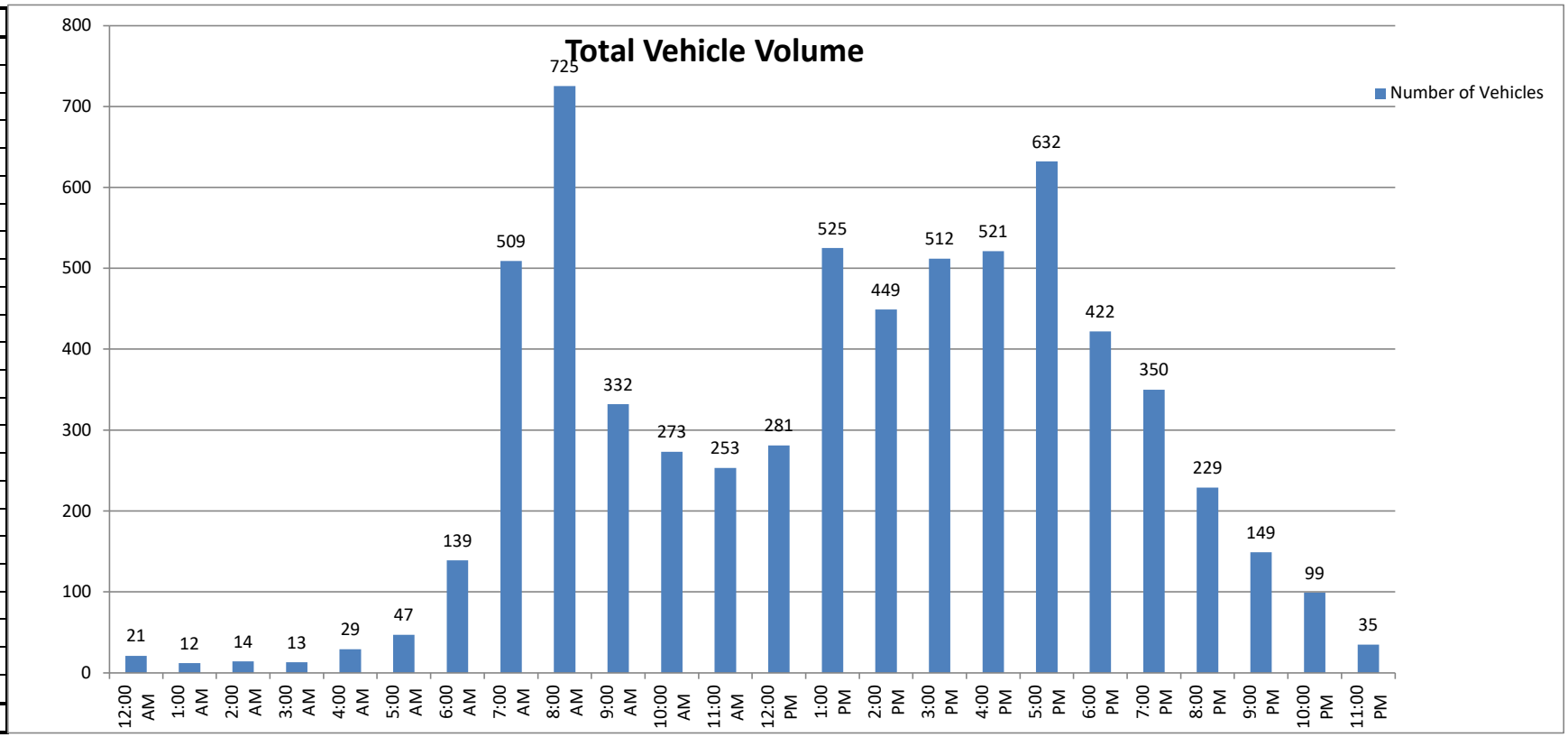
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Springs
B/ Portola Parkway - Modjeska
5/8/2024

Start Time	5/8/2024
12:00 AM	21
1:00 AM	12
2:00 AM	14
3:00 AM	13
4:00 AM	29
5:00 AM	47
6:00 AM	139
7:00 AM	509
8:00 AM	725
9:00 AM	332
10:00 AM	273
11:00 AM	253
12:00 PM	281
1:00 PM	525
2:00 PM	449
3:00 PM	512
4:00 PM	521
5:00 PM	632
6:00 PM	422
7:00 PM	350
8:00 PM	229
9:00 PM	149
10:00 PM	99
11:00 PM	35
Total	6571



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Springs
B/ Portola Parkway - Modjeska

File Name 313
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	39			2	33				
12:15	3	33			3	32				
12:30	4	40			3	34				
12:45	3	35	11	147	3	25	10	123	21	269
1:00	3	47			1	34				
1:15	1	44			1	51				
1:30	2	64			1	74				
1:45	3	52	8	206	1	35	3	194	11	400
2:00	1	56			1	34				
2:15	1	57			2	89				
2:30	4	64			2	115				
2:45	2	50	7	226	1	93	6	330	12	556
3:00	1	58			0	74				
3:15	1	55			0	74				
3:30	5	62			1	81				
3:45	4	59	10	233	1	90	2	319	12	552
4:00	2	59			4	88				
4:15	5	44			1	92				
4:30	7	57			3	91				
4:45	8	56	21	215	1	99	8	369	29	584
5:00	6	61			2	85				
5:15	9	72			3	111				
5:30	8	67			8	92				
5:45	13	64	35	263	5	75	17	362	51	625
6:00	13	65			9	68				
6:15	23	53			4	55				
6:30	30	63			10	54				
6:45	36	34	101	215	14	48	36	224	137	439
7:00	48	46			27	37				
7:15	51	45			23	49				
7:30	93	39			46	31				
7:45	146	44	337	174	99	30	194	146	531	320
8:00	131	32			141	21				
8:15	116	30			81	26				
8:30	66	38			64	25				
8:45	56	19	369	119	53	28	339	98	707	217
9:00	49	28			33	21				
9:15	52	21			29	18				
9:30	40	14			30	17				
9:45	53	17	194	80	26	17	118	73	311	153
10:00	37	16			34	14				
10:15	33	9			26	13				
10:30	40	15			22	12				
10:45	41	7	150	46	23	13	104	51	254	97
11:00	44	7			29	8				
11:15	40	5			50	5				
11:30	36	4			39	4				
11:45	26	5	146	20	30	2	148	18	294	38
Totals	1386	1942			983	2305				
Combined Totals		3328				3287				
ADT										6615
AM Peak Hour	730	AM			745	AM				
Volume	486				385					
P.H.F.	0.831				0.684					
PM Peak Hour		515	PM			445	PM			
Volume		268				387				
P.H.F.		0.929				0.870				
Percentage	41.6%	58.4%			29.9%	70.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Springs
B/ Tomato Springs - Portola Parkway

File Name 312
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	27			2	33				
12:15	5	37			2	26				
12:30	3	41			2	27				
12:45	1	52	15	157	0	30	6	116	21	273
1:00	3	52			1	24				
1:15	3	57			1	39				
1:30	3	53			3	55				
1:45	1	60	10	222	1	49	6	167	16	389
2:00	1	40			0	42				
2:15	2	44			4	47				
2:30	1	42			1	57				
2:45	1	40	5	166	0	34	5	180	10	346
3:00	0	32			0	42				
3:15	2	60			1	40				
3:30	0	42			0	44				
3:45	0	62	2	196	1	39	2	165	4	361
4:00	1	46			2	54				
4:15	0	42			0	51				
4:30	1	63			2	47				
4:45	1	44	3	195	3	42	7	194	10	389
5:00	2	71			5	45				
5:15	1	81			6	55				
5:30	4	76			16	52				
5:45	4	88	11	316	13	36	40	188	51	504
6:00	4	79			11	39				
6:15	5	63			15	40				
6:30	6	71			17	30				
6:45	11	66	26	279	22	35	65	144	91	423
7:00	12	53			41	35				
7:15	7	57			45	31				
7:30	20	48			59	26				
7:45	44	39	83	197	79	27	224	119	307	316
8:00	75	43			86	15				
8:15	59	38			120	17				
8:30	29	43			91	19				
8:45	43	31	206	155	61	11	358	62	564	217
9:00	29	33			63	9				
9:15	24	32			50	12				
9:30	25	28			44	10				
9:45	15	23	93	116	47	7	204	38	297	154
10:00	22	19			36	8				
10:15	20	15			27	11				
10:30	19	23			32	4				
10:45	19	18	80	75	35	6	130	29	210	104
11:00	30	9			35	1				
11:15	28	8			42	4				
11:30	28	5			42	4				
11:45	29	5	115	27	36	1	155	10	270	37
Totals	649	2101			1202	1412				
Combined Totals		2750				2614				
ADT										5364
AM Peak Hour	745	AM			745	AM				
Volume	207				376					
P.H.F.	0.690				0.783					
PM Peak Hour		515	PM			145	PM			
Volume		324				195				
P.H.F.		0.920				0.855				
Percentage	23.6%	76.4%			46.0%	54.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

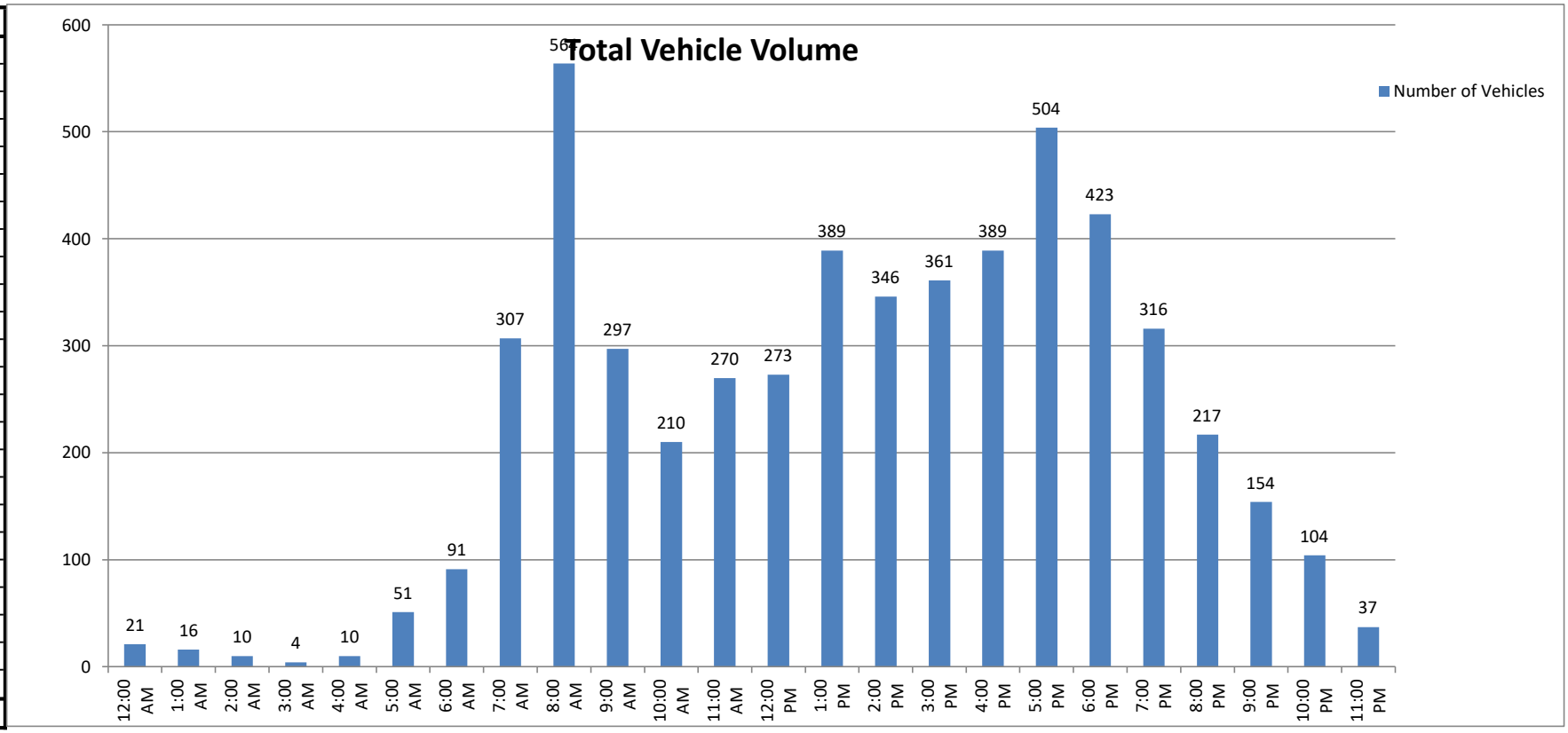
24 Hour Volume Plot

Portola Springs

B/ Tomato Springs - Portola Parkway

2/14/2024

Start Time	2/14/2024
12:00 AM	21
1:00 AM	16
2:00 AM	10
3:00 AM	4
4:00 AM	10
5:00 AM	51
6:00 AM	91
7:00 AM	307
8:00 AM	564
9:00 AM	297
10:00 AM	210
11:00 AM	270
12:00 PM	273
1:00 PM	389
2:00 PM	346
3:00 PM	361
4:00 PM	389
5:00 PM	504
6:00 PM	423
7:00 PM	316
8:00 PM	217
9:00 PM	154
10:00 PM	104
11:00 PM	37
Total	5364



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Springs
B/ Tomato Springs - Portola Parkway

File Name 312
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	26			0	26				
12:15	2	42			3	31				
12:30	2	31			0	30				
12:45	5	40	12	139	2	35	5	122	17	261
1:00	1	29			1	35				
1:15	1	46			0	36				
1:30	2	35			1	35				
1:45	3	43	7	153	0	22	2	128	9	281
2:00	1	41			1	38				
2:15	3	40			0	49				
2:30	2	69			1	39				
2:45	1	60	7	210	1	40	3	166	10	376
3:00	0	64			0	58				
3:15	2	74			2	45				
3:30	2	40			1	39				
3:45	1	45	5	223	0	51	3	193	8	416
4:00	0	42			2	52				
4:15	1	58			2	41				
4:30	2	51			3	37				
4:45	0	50	3	201	5	36	12	166	15	367
5:00	1	49			7	40				
5:15	0	50			10	46				
5:30	3	70			11	50				
5:45	1	64	5	233	13	42	41	178	46	411
6:00	3	75			11	45				
6:15	5	74			18	45				
6:30	7	65			28	34				
6:45	8	63	23	277	24	42	81	166	104	443
7:00	6	53			39	29				
7:15	8	66			46	23				
7:30	24	50			64	34				
7:45	22	37	60	206	94	19	243	105	303	311
8:00	69	41			114	22				
8:15	59	47			107	19				
8:30	47	42			62	10				
8:45	41	36	216	166	65	16	348	67	564	233
9:00	22	34			51	15				
9:15	22	27			53	12				
9:30	21	31			36	10				
9:45	35	30	100	122	34	6	174	43	274	165
10:00	22	19			41	10				
10:15	18	20			42	9				
10:30	21	10			30	9				
10:45	10	9	71	58	33	8	146	36	217	94
11:00	25	16			23	6				
11:15	20	10			34	3				
11:30	30	11			33	2				
11:45	23	10	98	47	30	0	120	11	218	58
Totals	607	2035			1178	1381				
Combined Totals		2642				2559				
ADT										5201
AM Peak Hour	800	AM			730	AM				
Volume	216				379					
P.H.F.	0.783				0.831					
PM Peak Hour		530	PM			300	PM			
Volume		283				193				
P.H.F.		0.943				0.832				
Percentage	23.0%	77.0%			46.0%	54.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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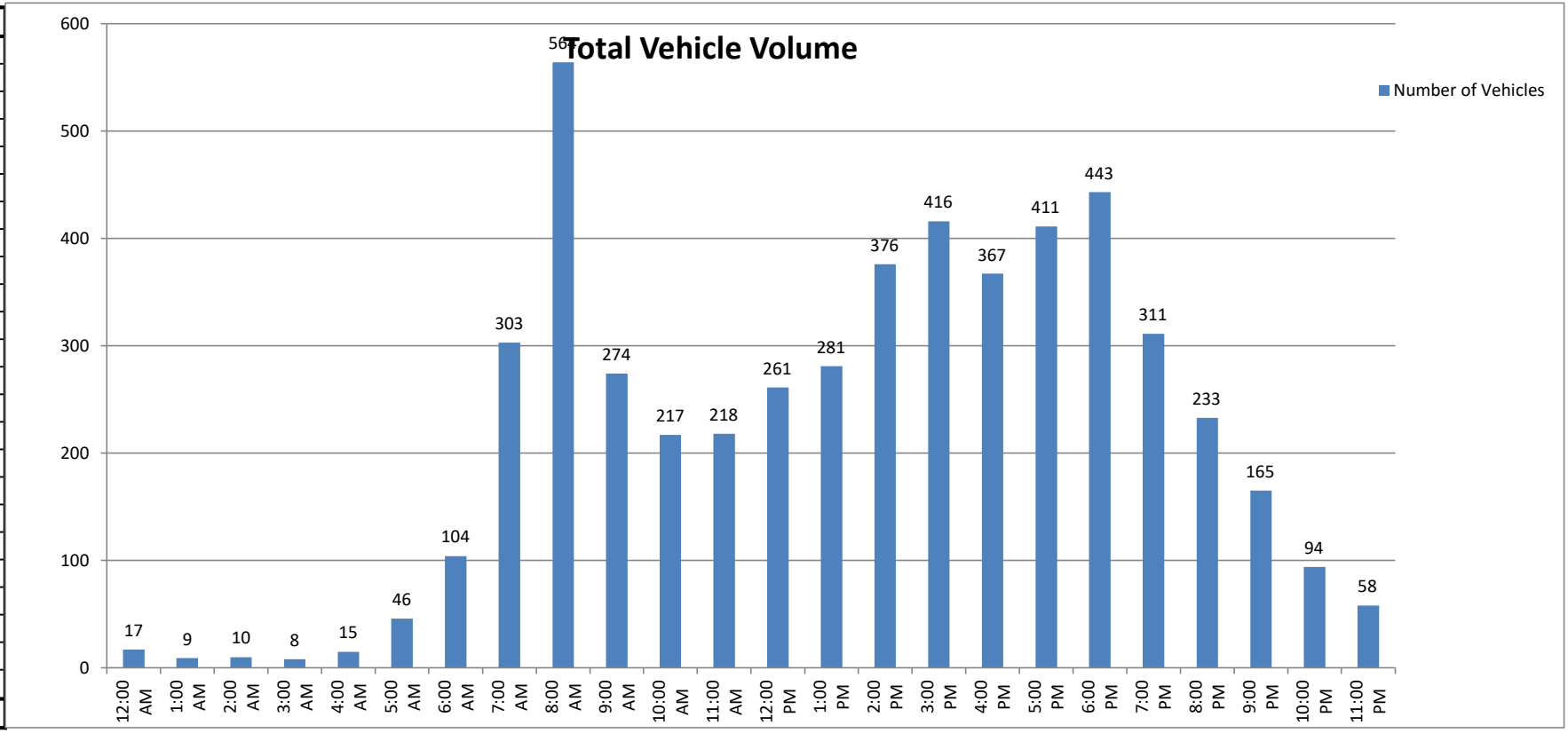
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Springs
B/ Tomato Springs - Portola Parkway
2/15/2024

Start Time	2/15/2024
12:00 AM	17
1:00 AM	9
2:00 AM	10
3:00 AM	8
4:00 AM	15
5:00 AM	46
6:00 AM	104
7:00 AM	303
8:00 AM	564
9:00 AM	274
10:00 AM	217
11:00 AM	218
12:00 PM	261
1:00 PM	281
2:00 PM	376
3:00 PM	416
4:00 PM	367
5:00 PM	411
6:00 PM	443
7:00 PM	311
8:00 PM	233
9:00 PM	165
10:00 PM	94
11:00 PM	58
Total	5201



Volumes represent the combined totals for both directions

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City of Irvine
Portola Springs
B/ Tomato Springs - Portola Parkway

File Name 312
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	27			1	30				
12:15	4	40			3	29				
12:30	3	36			1	29				
12:45	3	46	14	148	1	33	6	119	19	267
1:00	2	41			1	30				
1:15	2	52			1	38				
1:30	3	44			2	45				
1:45	2	52	9	188	1	36	4	148	13	335
2:00	1	41			1	40				
2:15	3	42			2	48				
2:30	2	56			1	48				
2:45	1	50	6	188	1	37	4	173	10	361
3:00	0	48			0	50				
3:15	2	67			2	43				
3:30	1	41			1	42				
3:45	1	54	4	210	1	45	3	179	6	389
4:00	1	44			2	53				
4:15	1	50			1	46				
4:30	2	57			3	42				
4:45	1	47	3	198	4	39	10	180	13	378
5:00	2	60			6	43				
5:15	1	66			8	51				
5:30	4	73			14	51				
5:45	3	76	8	275	13	39	41	183	49	458
6:00	4	77			11	42				
6:15	5	69			17	43				
6:30	7	68			23	32				
6:45	10	65	25	278	23	39	73	155	98	433
7:00	9	53			40	32				
7:15	8	62			46	27				
7:30	22	49			62	30				
7:45	33	38	72	202	87	23	234	112	305	314
8:00	72	42			100	19				
8:15	59	43			114	18				
8:30	38	43			77	15				
8:45	42	34	211	161	63	14	353	65	564	225
9:00	26	34			57	12				
9:15	23	30			52	12				
9:30	23	30			40	10				
9:45	25	27	97	119	41	7	189	41	286	160
10:00	22	19			39	9				
10:15	19	18			35	10				
10:30	20	17			31	7				
10:45	15	14	76	67	34	7	138	33	214	99
11:00	28	13			29	4				
11:15	24	9			38	4				
11:30	29	8			38	3				
11:45	26	8	107	37	33	1	138	11	244	48
Totals	628	2068			1190	1397				
Combined Totals		2696				2587				
ADT										5283
AM Peak Hour	800	AM			745	AM				
Volume	211				377					
P.H.F.	0.733				0.829					
PM Peak Hour		530	PM			345	PM			
Volume		295				186				
P.H.F.		0.956				0.877				
Percentage	23.3%	76.7%			46.0%	54.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Portola Parkway
B/ State Route 241 - El Toro Road
24 Hour Directional Volume Count

IRV126
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		34	277			17	234				
12:15		24	236			16	260				
12:30		22	269			8	219				
12:45		19	275	99	1057	8	277	49	990	148	2047
01:00		6	281			8	322				
01:15		20	247			5	259				
01:30		11	282			6	267				
01:45		5	261	42	1071	9	267	28	1115	70	2186
02:00		13	287			6	201				
02:15		6	314			7	248				
02:30		3	386			12	225				
02:45		8	346	30	1333	8	338	33	1012	63	2345
03:00		11	317			11	252				
03:15		7	347			23	294				
03:30		9	386			9	291				
03:45		9	387	36	1437	14	361	57	1198	93	2635
04:00		12	431			15	281				
04:15		15	375			16	296				
04:30		23	461			28	307				
04:45		29	438	79	1705	62	330	121	1214	200	2919
05:00		37	**514**			49	**292**				
05:15		46	**465**			57	**320**				
05:30		34	**448**			104	**416**				
05:45		62	**458**	179	1885	130	**347**	340	1375	519	3260
06:00		72	442			125	275				
06:15		56	364			130	271				
06:30		77	372			138	248				
06:45		136	304	341	1482	221	258	614	1052	955	2534
07:00		230	267			238	233				
07:15		183	250			332	204				
07:30		254	284			329	166				
07:45		**303**	207	970	1008	**407**	161	1306	764	2276	1772
08:00		**358**	199			**381**	151				
08:15		**325**	182			**435**	147				
08:30		**291**	156			**423**	121				
08:45		235	134	1209	671	330	122	1569	541	2778	1212
09:00		231	175			262	93				
09:15		165	173			257	86				
09:30		185	122			233	72				
09:45		216	113	797	583	215	92	967	343	1764	926
10:00		186	104			201	61				
10:15		186	78			194	49				
10:30		212	69			182	43				
10:45		205	55	789	306	211	41	788	194	1577	500
11:00		186	57			189	40				
11:15		239	44			218	32				
11:30		208	40			223	29				
11:45		231	27	864	168	261	11	891	112	1755	280
Total		5435	12706	5435	12706	6763	9910	6763	9910	12198	22616
Combined Total		18141		18141		16673		16673		34814	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1277	-	-	-	1646	-	-	-	-	-
P.H.F.		0.892				0.946					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	1885	-	-	-	1375	-	-	-	-
P.H.F.			0.917				0.826				
Percentage		30.0%	70.0%			40.6%	59.4%				
ADT/AADT		ADT 34,814		AADT 34,814							

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Corona, CA 92878

City of Irvine
Portola Parkway
B/ Bee Canyon - Sand Canyon Avenue

File Name 307
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	97			6	82				
12:15	5	121			11	90				
12:30	6	131			6	115				
12:45	6	99	34	448	3	103	26	390	60	838
1:00	8	133			3	125				
1:15	5	119			2	118				
1:30	4	112			0	156				
1:45	3	145	20	509	2	113	7	512	27	1021
2:00	2	147			2	125				
2:15	3	115			0	161				
2:30	0	161			0	163				
2:45	2	159	7	582	1	216	3	665	10	1247
3:00	1	152			1	227				
3:15	2	146			0	209				
3:30	2	134			1	237				
3:45	2	147	7	579	1	210	3	883	10	1462
4:00	2	151			6	237				
4:15	3	142			3	224				
4:30	8	154			3	254				
4:45	12	157	25	604	2	266	14	981	39	1585
5:00	9	139			17	306				
5:15	5	180			11	324				
5:30	18	182			24	296				
5:45	19	165	51	666	36	261	88	1187	139	1853
6:00	34	143			59	209				
6:15	44	135			56	228				
6:30	65	129			53	128				
6:45	89	115	232	522	63	123	231	688	463	1210
7:00	88	98			73	93				
7:15	179	117			111	85				
7:30	269	83			186	99				
7:45	204	75	740	373	201	86	571	363	1311	736
8:00	152	69			162	57				
8:15	161	55			164	58				
8:30	182	73			167	43				
8:45	175	72	670	269	175	50	668	208	1338	477
9:00	151	57			143	55				
9:15	158	61			126	42				
9:30	121	46			150	29				
9:45	95	30	525	194	126	31	545	157	1070	351
10:00	93	17			108	24				
10:15	87	36			118	18				
10:30	109	18			98	8				
10:45	102	15	391	86	121	20	445	70	836	156
11:00	107	10			126	4				
11:15	107	8			135	11				
11:30	98	10			116	13				
11:45	102	11	414	39	105	6	482	34	896	73
Totals	3116	4871			3083	6138				
Combined Totals		7987				9221				
ADT										17208
AM Peak Hour	715	AM			730	AM				
Volume	804				713					
P.H.F.	0.747				0.887					
PM Peak Hour		515	PM			445	PM			
Volume		670				1192				
P.H.F.		0.920				0.920				
Percentage	39.0%	61.0%			33.4%	66.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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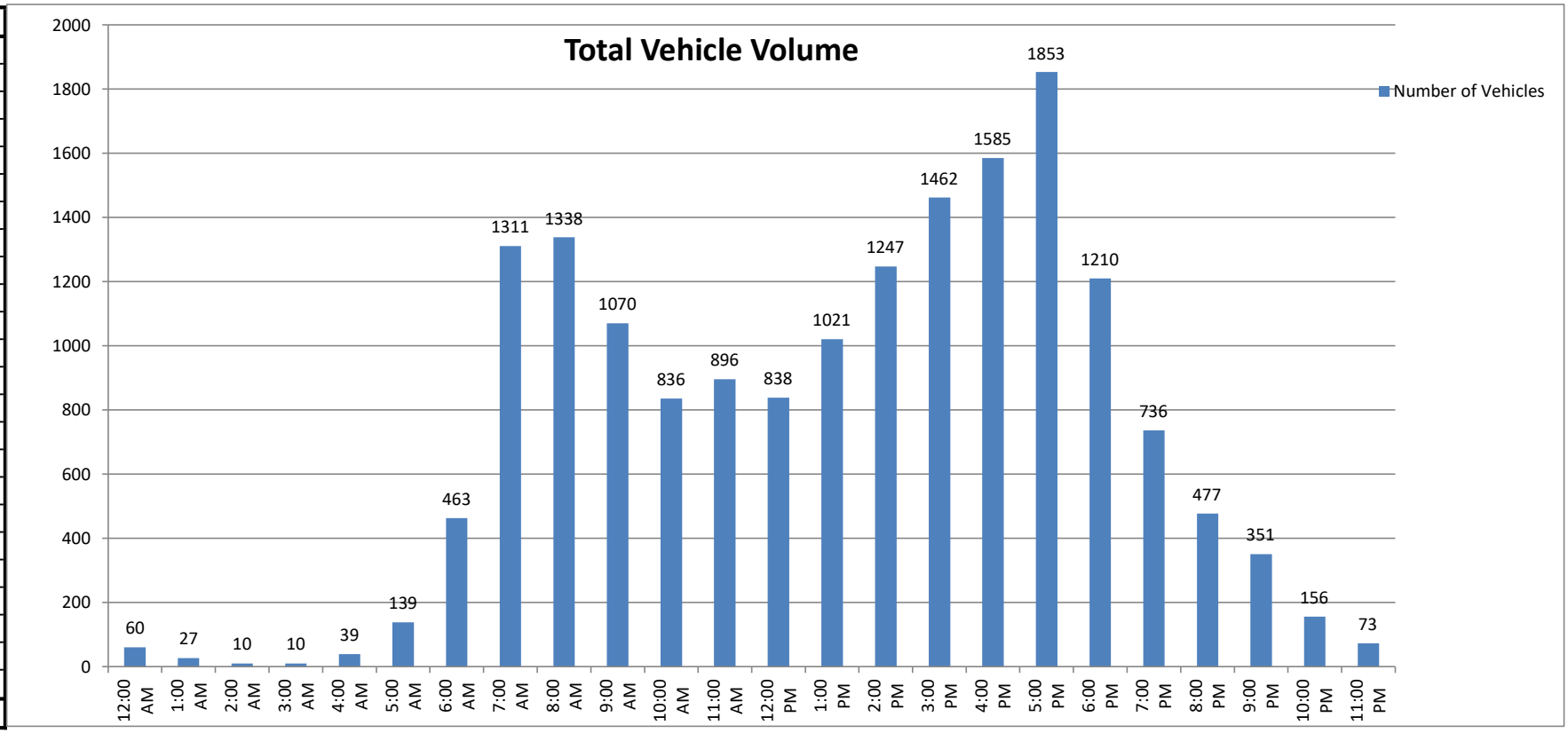
24 Hour Volume Plot

Portola Parkway
B/ Bee Canyon - Sand Canyon Avenue
2/14/2024

Start Time	2/14/2024
12:00 AM	60
1:00 AM	27
2:00 AM	10
3:00 AM	10
4:00 AM	39
5:00 AM	139
6:00 AM	463
7:00 AM	1311
8:00 AM	1338
9:00 AM	1070
10:00 AM	836
11:00 AM	896
12:00 PM	838
1:00 PM	1021
2:00 PM	1247
3:00 PM	1462
4:00 PM	1585
5:00 PM	1853
6:00 PM	1210
7:00 PM	736
8:00 PM	477
9:00 PM	351
10:00 PM	156
11:00 PM	73
Total	17208



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City of Irvine
Portola Parkway
B/ Bee Canyon - Sand Canyon Avenue

File Name 307
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	91			7	97				
12:15	4	125			4	89				
12:30	7	113			6	110				
12:45	3	117	24	446	3	133	20	429	44	875
1:00	3	121			2	134				
1:15	3	137			7	117				
1:30	3	117			1	122				
1:45	1	106	10	481	1	132	11	505	21	986
2:00	0	117			0	140				
2:15	1	114			2	143				
2:30	1	180			0	153				
2:45	1	153	3	564	2	233	4	669	7	1233
3:00	0	160			0	219				
3:15	2	146			0	205				
3:30	1	121			2	215				
3:45	3	133	6	560	0	216	2	855	8	1415
4:00	2	161			2	227				
4:15	4	140			4	213				
4:30	7	157			5	210				
4:45	8	172	21	630	4	287	15	937	36	1567
5:00	8	162			12	251				
5:15	10	154			12	290				
5:30	16	201			20	299				
5:45	21	218	55	735	47	220	91	1060	146	1795
6:00	38	151			46	210				
6:15	37	170			41	167				
6:30	68	128			59	146				
6:45	72	125	215	574	48	137	194	660	409	1234
7:00	110	139			83	123				
7:15	137	118			113	109				
7:30	232	74			149	95				
7:45	158	70	637	401	236	90	581	417	1218	818
8:00	200	80			206	56				
8:15	195	77			168	63				
8:30	241	68			143	56				
8:45	180	58	816	283	152	43	669	218	1485	501
9:00	155	50			147	52				
9:15	139	55			125	58				
9:30	135	50			126	34				
9:45	103	35	532	190	132	35	530	179	1062	369
10:00	104	30			100	22				
10:15	145	28			134	31				
10:30	95	26			119	20				
10:45	103	23	447	107	96	16	449	89	896	196
11:00	107	22			103	9				
11:15	118	11			105	13				
11:30	101	9			143	10				
11:45	90	18	416	60	105	5	456	37	872	97
Totals	3182	5031			3022	6055				
Combined Totals		8213				9077				
ADT										17290
AM Peak Hour	800	AM			730	AM				
Volume	816				759					
P.H.F.	0.846				0.804					
PM Peak Hour		530	PM			445	PM			
Volume		740				1127				
P.H.F.		0.849				0.942				
Percentage	38.7%	61.3%			33.3%	66.7%				

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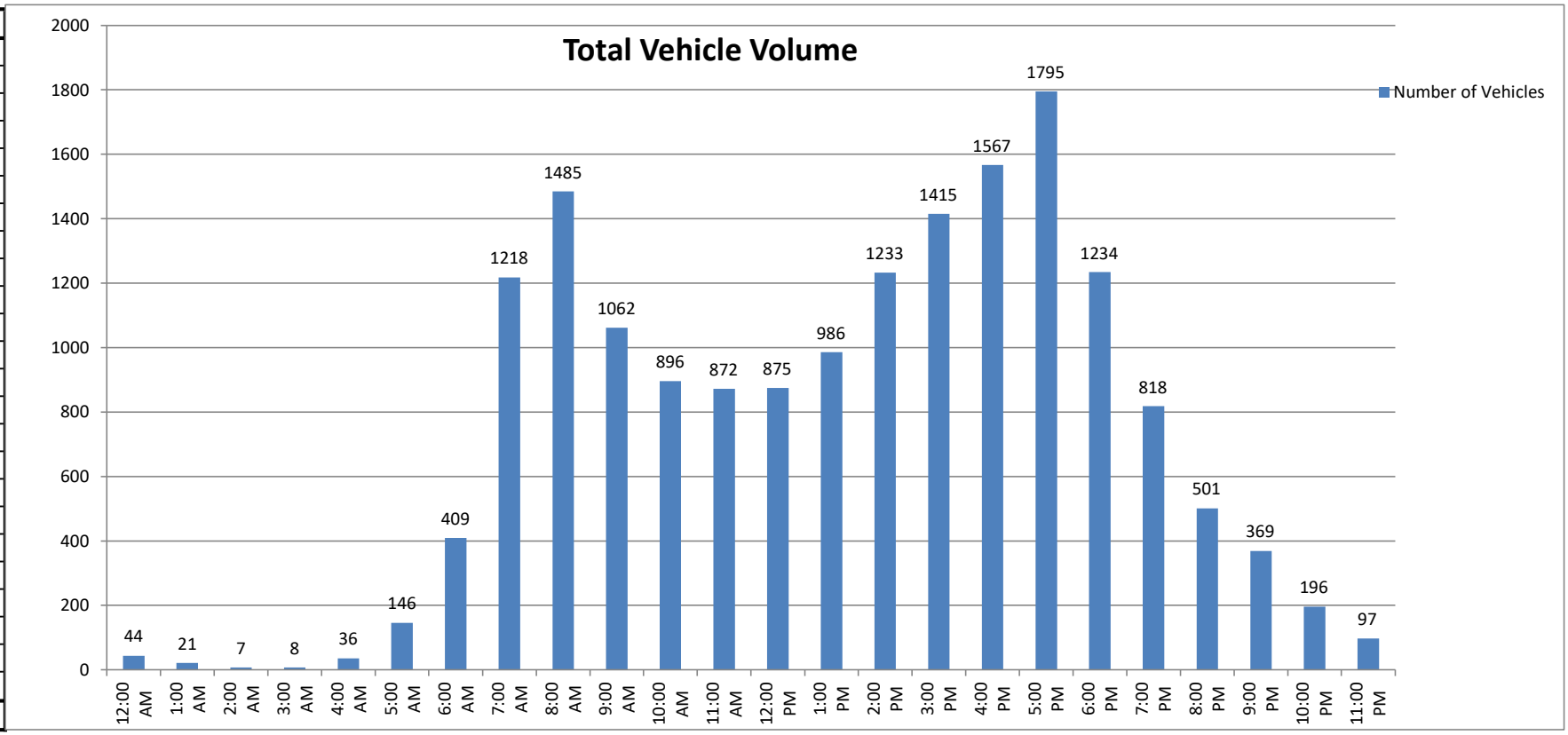
24 Hour Volume Plot

Portola Parkway

B/ Bee Canyon - Sand Canyon Avenue

2/15/2024

Start Time	2/15/2024
12:00 AM	44
1:00 AM	21
2:00 AM	7
3:00 AM	8
4:00 AM	36
5:00 AM	146
6:00 AM	409
7:00 AM	1218
8:00 AM	1485
9:00 AM	1062
10:00 AM	896
11:00 AM	872
12:00 PM	875
1:00 PM	986
2:00 PM	1233
3:00 PM	1415
4:00 PM	1567
5:00 PM	1795
6:00 PM	1234
7:00 PM	818
8:00 PM	501
9:00 PM	369
10:00 PM	196
11:00 PM	97
Total	17290



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City of Irvine
Portola Parkway
B/ Bee Canyon - Sand Canyon Avenue

File Name 307
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	94			7	90				
12:15	5	123			8	90				
12:30	7	122			6	113				
12:45	5	108	29	447	3	118	23	410	52	857
1:00	6	127			3	130				
1:15	4	128			5	118				
1:30	4	115			1	139				
1:45	2	126	15	495	2	123	9	509	24	1004
2:00	1	132			1	133				
2:15	2	115			1	152				
2:30	1	171			0	158				
2:45	2	156	5	573	2	225	4	667	9	1240
3:00	1	156			1	223				
3:15	2	146			0	207				
3:30	2	128			2	226				
3:45	3	140	7	570	1	213	3	869	9	1439
4:00	2	156			4	232				
4:15	4	141			4	219				
4:30	8	156			4	232				
4:45	10	165	23	617	3	277	15	959	38	1576
5:00	9	151			15	279				
5:15	8	167			12	307				
5:30	17	192			22	298				
5:45	20	192	53	701	42	241	90	1124	143	1824
6:00	36	147			53	210				
6:15	41	153			49	198				
6:30	67	129			56	137				
6:45	81	120	224	548	56	130	213	674	436	1222
7:00	99	119			78	108				
7:15	158	118			112	97				
7:30	251	79			168	97				
7:45	181	73	689	387	219	88	576	390	1265	777
8:00	176	75			184	57				
8:15	178	66			166	61				
8:30	212	71			155	50				
8:45	178	65	743	276	164	47	669	213	1412	489
9:00	153	54			145	54				
9:15	149	58			126	50				
9:30	128	48			138	32				
9:45	99	33	529	192	129	33	538	168	1066	360
10:00	99	24			104	23				
10:15	116	32			126	25				
10:30	102	22			109	14				
10:45	103	19	419	97	109	18	447	80	866	176
11:00	107	16			115	7				
11:15	113	10			120	12				
11:30	100	10			130	12				
11:45	96	15	415	50	105	6	469	36	884	85
Totals	3149	4951			3053	6097				
Combined Totals		8100				9149				
ADT										17249
AM Peak Hour	730	AM			730	AM				
Volume	786				736					
P.H.F.	0.784				0.842					
PM Peak Hour		500	PM			445	PM			
Volume		701				1160				
P.H.F.		0.914				0.944				
Percentage	38.9%	61.1%			33.4%	66.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Culver Drive - Jeffrey Road

File Name 306
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/22/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	103			5	77				
12:15	8	84			7	80				
12:30	19	92			4	151				
12:45	4	140	33	419	4	108	20	416	53	835
1:00	4	103			3	88				
1:15	4	98			1	92				
1:30	4	100			0	104				
1:45	3	113	15	414	2	118	6	402	21	816
2:00	2	118			3	110				
2:15	1	121			2	114				
2:30	4	108			0	251				
2:45	1	117	8	464	1	260	6	735	14	1199
3:00	1	113			0	202				
3:15	1	140			2	244				
3:30	4	150			0	244				
3:45	3	148	9	551	2	250	4	940	13	1491
4:00	3	157			0	276				
4:15	8	159			5	277				
4:30	7	160			6	274				
4:45	16	162	34	638	6	288	17	1115	51	1753
5:00	22	193			8	250				
5:15	22	190			3	271				
5:30	38	199			8	232				
5:45	52	228	134	810	18	267	37	1020	171	1830
6:00	88	222			22	170				
6:15	86	212			26	167				
6:30	86	188			38	132				
6:45	118	163	378	785	46	122	132	591	510	1376
7:00	120	106			54	88				
7:15	150	98			82	93				
7:30	190	100			122	64				
7:45	197	82	657	386	118	72	376	317	1033	703
8:00	158	73			134	67				
8:15	140	76			122	102				
8:30	152	80			128	91				
8:45	178	67	628	296	113	50	497	310	1125	606
9:00	221	74			142	44				
9:15	149	55			175	38				
9:30	104	53			144	35				
9:45	94	38	568	220	70	21	531	138	1099	358
10:00	76	36			66	19				
10:15	80	46			80	22				
10:30	78	22			70	13				
10:45	98	18	332	122	96	11	312	65	644	187
11:00	84	12			86	10				
11:15	76	17			109	10				
11:30	84	15			96	6				
11:45	90	10	334	54	86	10	377	36	711	90
Totals	3130	5159			2315	6085				
Combined Totals		8289				8400				
ADT										16689
AM Peak Hour	830	AM			845	AM				
Volume	700				574					
P.H.F.	0.792				0.820					
PM Peak Hour		530	PM			400	PM			
Volume		861				1115				
P.H.F.		0.944				0.968				
Percentage	37.8%	62.2%			27.6%	72.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

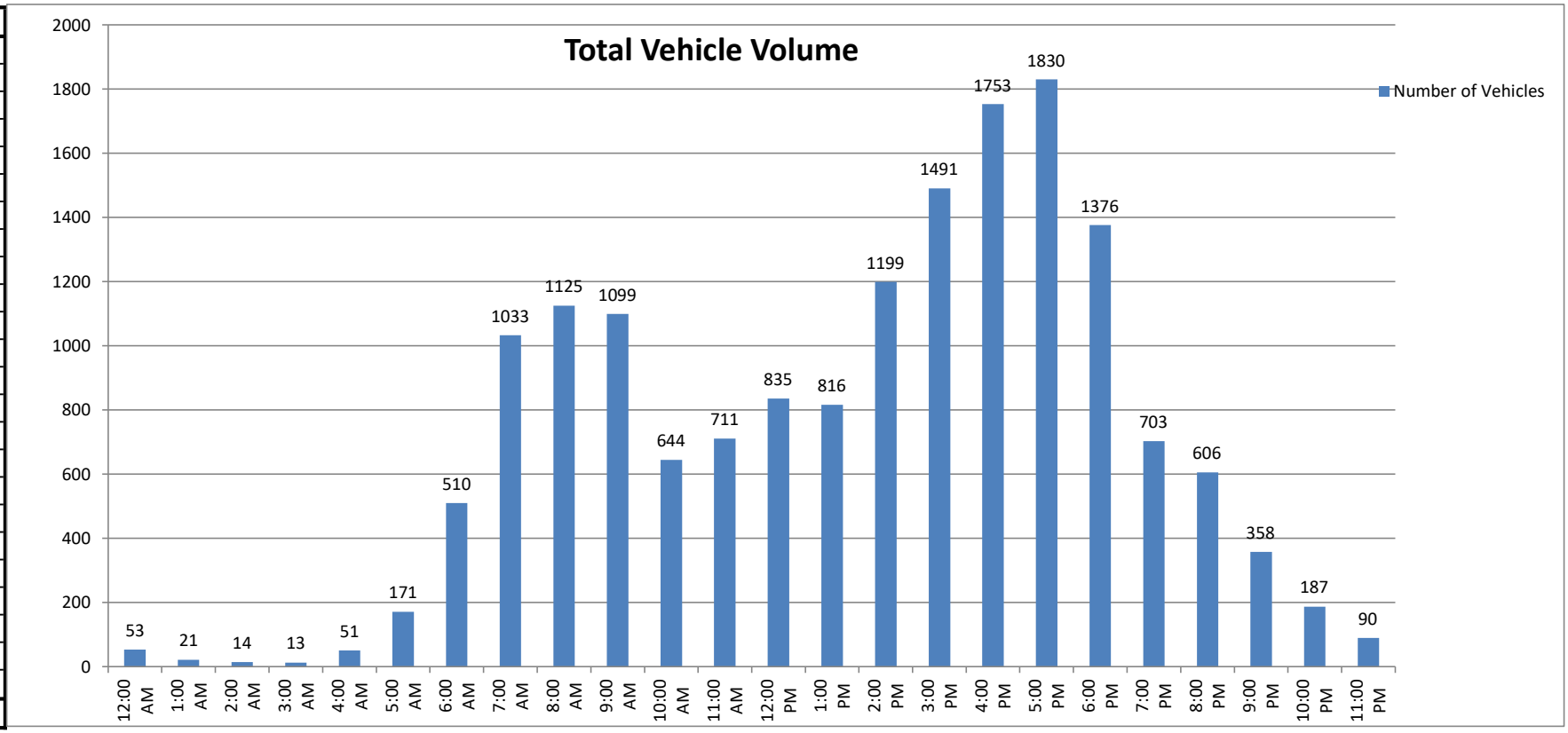
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Culver Drive - Jeffrey Road

5/22/2024

Start Time	5/22/2024
12:00 AM	53
1:00 AM	21
2:00 AM	14
3:00 AM	13
4:00 AM	51
5:00 AM	171
6:00 AM	510
7:00 AM	1033
8:00 AM	1125
9:00 AM	1099
10:00 AM	644
11:00 AM	711
12:00 PM	835
1:00 PM	816
2:00 PM	1199
3:00 PM	1491
4:00 PM	1753
5:00 PM	1830
6:00 PM	1376
7:00 PM	703
8:00 PM	606
9:00 PM	358
10:00 PM	187
11:00 PM	90
Total	16689



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Culver Drive - Jeffrey Road

File Name 306
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/23/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	84			0	76				
12:15	8	80			8	119				
12:30	5	108			5	105				
12:45	3	120	23	392	3	80	16	380	39	772
1:00	6	86			3	89				
1:15	2	79			1	84				
1:30	3	75			1	93				
1:45	0	92	11	332	4	92	9	358	20	690
2:00	3	116			3	116				
2:15	1	136			1	121				
2:30	3	136			1	266				
2:45	2	116	9	504	2	244	7	747	16	1251
3:00	1	122			0	218				
3:15	2	130			1	208				
3:30	6	128			4	258				
3:45	1	145	10	525	3	208	8	892	18	1417
4:00	5	128			1	264				
4:15	5	144			3	250				
4:30	9	124			3	252				
4:45	15	114	34	510	2	225	9	991	43	1501
5:00	17	146			4	272				
5:15	28	146			8	232				
5:30	30	172			11	235				
5:45	60	162	135	626	13	204	36	943	171	1569
6:00	78	139			16	178				
6:15	94	132			27	167				
6:30	92	138			32	140				
6:45	110	124	374	533	50	138	125	623	499	1156
7:00	102	123			48	122				
7:15	144	100			82	94				
7:30	194	100			127	101				
7:45	183	95	623	418	114	82	371	399	994	817
8:00	234	76			198	67				
8:15	233	88			226	54				
8:30	144	87			188	38				
8:45	156	74	767	325	113	50	725	209	1492	534
9:00	104	61			89	40				
9:15	98	53			70	43				
9:30	98	69			86	48				
9:45	88	56	388	239	72	68	317	199	705	438
10:00	84	41			83	56				
10:15	68	35			56	21				
10:30	62	25			76	18				
10:45	64	31	278	132	63	20	278	115	556	247
11:00	74	22			72	12				
11:15	68	17			78	11				
11:30	87	7			98	15				
11:45	100	13	329	59	76	4	324	42	653	101
Totals	2981	4595			2225	5898				
Combined Totals		7576				8123				
ADT										15699
AM Peak Hour	730	AM			745	AM				
Volume	844				726					
P.H.F.	0.902				0.803					
PM Peak Hour		500	PM			415	PM			
Volume		626				999				
P.H.F.		0.910				0.918				
Percentage	39.3%	60.7%			27.4%	72.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

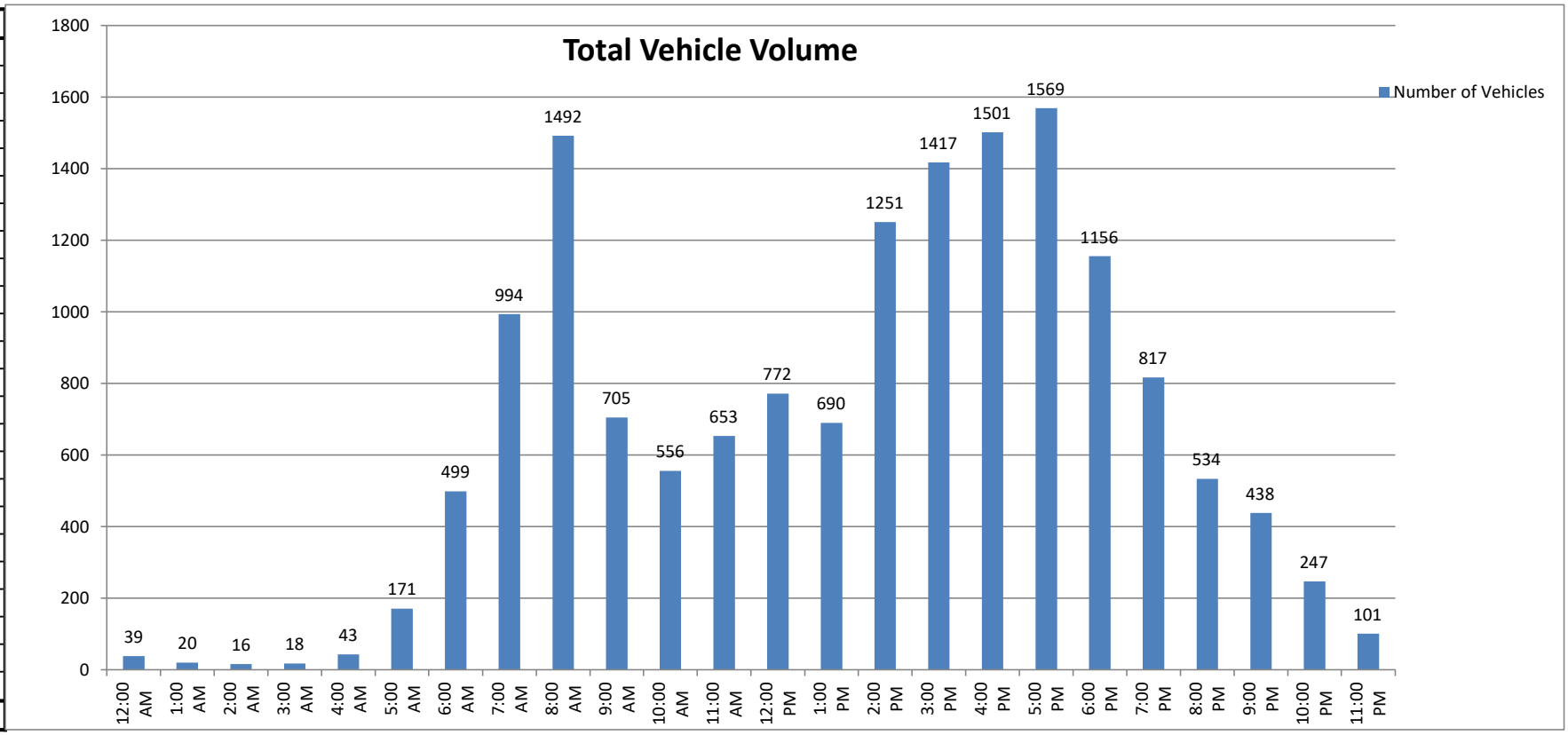
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Culver Drive - Jeffrey Road

5/23/2024

Start Time	5/23/2024
12:00 AM	39
1:00 AM	20
2:00 AM	16
3:00 AM	18
4:00 AM	43
5:00 AM	171
6:00 AM	499
7:00 AM	994
8:00 AM	1492
9:00 AM	705
10:00 AM	556
11:00 AM	653
12:00 PM	772
1:00 PM	690
2:00 PM	1251
3:00 PM	1417
4:00 PM	1501
5:00 PM	1569
6:00 PM	1156
7:00 PM	817
8:00 PM	534
9:00 PM	438
10:00 PM	247
11:00 PM	101
Total	15699



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Culver Drive - Jeffrey Road

File Name 306
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	94			3	77				
12:15	8	82			8	100				
12:30	12	100			5	128				
12:45	4	130	28	406	4	94	18	398	46	804
1:00	5	95			3	89				
1:15	3	89			1	88				
1:30	4	88			1	99				
1:45	2	103	13	373	3	105	8	380	21	753
2:00	3	117			3	113				
2:15	1	129			2	118				
2:30	4	122			1	259				
2:45	2	117	9	484	2	252	7	741	15	1225
3:00	1	118			0	210				
3:15	2	135			2	226				
3:30	5	139			2	251				
3:45	2	147	10	538	3	229	6	916	16	1454
4:00	4	143			1	270				
4:15	7	152			4	264				
4:30	8	142			5	263				
4:45	16	138	34	574	4	257	13	1053	47	1627
5:00	20	170			6	261				
5:15	25	168			6	252				
5:30	34	186			10	234				
5:45	56	195	135	718	16	236	37	982	171	1700
6:00	83	181			19	174				
6:15	90	172			27	167				
6:30	89	163			35	136				
6:45	114	144	376	659	48	130	129	607	505	1266
7:00	111	115			51	105				
7:15	147	99			82	94				
7:30	192	100			125	83				
7:45	190	89	640	402	116	77	374	358	1014	760
8:00	196	75			166	67				
8:15	187	82			174	78				
8:30	148	84			158	65				
8:45	167	71	698	311	113	50	611	260	1309	570
9:00	163	68			116	42				
9:15	124	54			123	41				
9:30	101	61			115	42				
9:45	91	47	478	230	71	45	424	169	902	398
10:00	80	39			75	38				
10:15	74	41			68	22				
10:30	70	24			73	16				
10:45	81	25	305	127	80	16	295	90	600	217
11:00	79	17			79	11				
11:15	72	17			94	11				
11:30	86	11			97	11				
11:45	95	12	332	57	81	7	351	39	682	96
Totals	3056	4877			2270	5992				
Combined Totals		7933				8262				
ADT										16194
AM Peak Hour	730	AM			745	AM				
Volume	765				614					
P.H.F.	0.975				0.882					
PM Peak Hour		530	PM			400	PM			
Volume		733				1053				
P.H.F.		0.940				0.975				
Percentage	38.5%	61.5%			27.5%	72.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Portola Parkway
E/ Alton Parkway
24 Hour Directional Volume Count

LKF123
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	123			10	134				
12:15		7	133			6	110				
12:30		8	132			9	110				
12:45		5	147	31	535	8	106	33	460	64	995
01:00		4	99			4	141				
01:15		3	118			9	129				
01:30		2	135			5	116				
01:45		4	122	13	474	1	132	19	518	32	992
02:00		4	164			5	120				
02:15		3	148			2	**181**				
02:30		7	158			3	**212**				
02:45		8	122	22	592	3	**150**	13	663	35	1255
03:00		3	98			4	**150**				
03:15		5	128			4	116				
03:30		13	140			4	153				
03:45		9	124	30	490	3	158	15	577	45	1067
04:00		5	147			1	141				
04:15		15	140			7	160				
04:30		26	151			4	136				
04:45		37	**166**	83	604	11	149	23	586	106	1190
05:00		19	**179**			27	170				
05:15		17	**182**			37	165				
05:30		38	**176**			22	166				
05:45		44	158	118	695	18	155	104	656	222	1351
06:00		37	155			26	146				
06:15		24	139			44	143				
06:30		56	137			55	129				
06:45		68	113	185	544	64	131	189	549	374	1093
07:00		98	118			81	123				
07:15		110	92			115	110				
07:30		**150**	90			106	81				
07:45		**254**	63	612	363	**151**	82	453	396	1065	759
08:00		**227**	75			**223**	74				
08:15		**159**	71			**187**	57				
08:30		97	89			**188**	56				
08:45		91	74	574	309	119	60	717	247	1291	556
09:00		88	51			110	62				
09:15		71	53			89	68				
09:30		63	33			84	54				
09:45		86	29	308	166	74	48	357	232	665	398
10:00		91	40			80	54				
10:15		96	32			82	27				
10:30		76	23			60	35				
10:45		87	23	350	118	75	23	297	139	647	257
11:00		90	21			77	32				
11:15		118	23			97	25				
11:30		110	10			102	18				
11:45		116	9	434	63	94	11	370	86	804	149
Total		2760	4953	2760	4953	2590	5109	2590	5109	5350	10062
Combined Total		7713		7713		7699		7699		15412	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	790	-	-	-	749	-	-	-	-	-
P.H.F.		0.778				0.840					
PM Peak	-	-	04:45	-	-	-	02:15	-	-	-	-
Vol.	-	-	703	-	-	-	693	-	-	-	-
P.H.F.			0.966				0.817				
Percentage		35.8%	64.2%			33.6%	66.4%				
ADT/AADT		ADT 15,412		AADT 15,412							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Portola Parkway
E/ El Toro Road
24 Hour Directional Volume Count

MSV127
Site Code: 051-24139

Start Time	2/18/24 Sun	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		31	278			18	231				
12:15		24	267			20	263				
12:30		31	273			20	249				
12:45		22	275	108	1093	9	269	67	1012	175	2105
01:00		10	296			9	324				
01:15		13	300			7	281				
01:30		10	290			6	289				
01:45		7	288	40	1174	10	246	32	1140	72	2314
02:00		11	276			7	204				
02:15		12	315			5	264				
02:30		7	392			15	277				
02:45		6	360	36	1343	7	366	34	1111	70	2454
03:00		15	358			14	279				
03:15		9	364			18	315				
03:30		10	363			12	342				
03:45		14	395	48	1480	15	392	59	1328	107	2808
04:00		16	409			18	331				
04:15		16	371			21	342				
04:30		24	459			27	307				
04:45		28	423	84	1662	64	**349**	130	1329	214	2991
05:00		25	**528**			61	**270**				
05:15		34	**493**			70	**399**				
05:30		32	**479**			97	**415**				
05:45		70	**473**	161	1973	120	330	348	1414	509	3387
06:00		77	425			118	285				
06:15		81	452			145	313				
06:30		94	380			156	248				
06:45		134	318	386	1575	248	298	667	1144	1053	2719
07:00		238	272			280	227				
07:15		254	276			382	217				
07:30		295	257			356	167				
07:45		**325**	279	1112	1084	**444**	151	1462	762	2574	1846
08:00		**389**	215			**382**	176				
08:15		**396**	186			**470**	149				
08:30		**298**	166			**441**	129				
08:45		244	147	1327	714	355	126	1648	580	2975	1294
09:00		214	145			289	124				
09:15		187	190			274	105				
09:30		197	134			278	89				
09:45		209	114	807	583	227	89	1068	407	1875	990
10:00		193	102			218	60				
10:15		189	89			222	65				
10:30		221	61			211	47				
10:45		192	65	795	317	205	53	856	225	1651	542
11:00		219	64			236	36				
11:15		240	41			251	31				
11:30		255	48			237	35				
11:45		248	29	962	182	246	16	970	118	1932	300
Total		5866	13180	5866	13180	7341	10570	7341	10570	13207	23750
Combined Total		19046		19046		17911		17911		36957	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	1408	-	-	-	1737	-	-	-	-	-
P.H.F.		0.889				0.924					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	1973	-	-	-	1433	-	-	-	-
P.H.F.			0.934				0.863				
Percentage		30.8%	69.2%			41.0%	59.0%				
ADT/AADT		ADT 36,957		AADT 36,957							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Portola Parkway
E/ Glenn Ranch Road
24 Hour Directional Volume Count

LKF120
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		15	186			18	196				
12:15		12	145			8	189				
12:30		9	164			8	192				
12:45		11	187	47	682	7	181	41	758	88	1440
01:00		7	157			7	227				
01:15		12	179			2	184				
01:30		6	186			5	199				
01:45		4	163	29	685	6	193	20	803	49	1488
02:00		3	182			2	137				
02:15		5	229			3	180				
02:30		3	267			4	172				
02:45		4	203	15	881	11	227	20	716	35	1597
03:00		6	192			4	223				
03:15		3	200			17	199				
03:30		7	244			10	221				
03:45		7	218	23	854	11	278	42	921	65	1775
04:00		4	274			6	214				
04:15		11	252			8	196				
04:30		15	271			16	174				
04:45		27	231	57	1028	46	232	76	816	133	1844
05:00		31	**277**			16	**231**				
05:15		38	**278**			25	**224**				
05:30		35	**251**			50	**268**				
05:45		53	**256**	157	1062	81	**269**	172	992	329	2054
06:00		55	227			67	182				
06:15		40	213			53	204				
06:30		70	207			60	176				
06:45		100	172	265	819	125	181	305	743	570	1562
07:00		194	167			133	152				
07:15		180	164			206	168				
07:30		**204**	151			197	126				
07:45		**263**	122	841	604	**259**	101	795	547	1636	1151
08:00		**333**	109			**235**	107				
08:15		**230**	81			**312**	113				
08:30		192	98			**238**	82				
08:45		133	80	888	368	184	110	969	412	1857	780
09:00		130	97			183	74				
09:15		138	103			171	77				
09:30		159	62			135	67				
09:45		124	48	551	310	116	78	605	296	1156	606
10:00		118	44			130	52				
10:15		138	29			124	48				
10:30		148	32			124	32				
10:45		138	35	542	140	149	39	527	171	1069	311
11:00		117	35			124	30				
11:15		160	28			154	22				
11:30		153	25			171	16				
11:45		155	10	585	98	196	8	645	76	1230	174
Total		4000	7531	4000	7531	4217	7251	4217	7251	8217	14782
Combined Total		11531		11531		11468		11468		22999	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1030	-	-	-	1044	-	-	-	-	-
P.H.F.		0.773				0.837					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	1062	-	-	-	992	-	-	-	-
P.H.F.			0.955				0.922				
Percentage		34.7%	65.3%			36.8%	63.2%				
ADT/AADT		ADT 22,999		AADT 22,999							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Portola Parkway
E/ Ridge Valley
24 Hour Directional Volume Count

IRV118
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		13	92			12	83				
12:15		12	82			7	80				
12:30		5	73			7	91				
12:45		5	106	35	353	1	80	27	334	62	687
01:00		4	98			5	60				
01:15		6	86			3	67				
01:30		5	108			6	96				
01:45		0	136	15	428	6	78	20	301	35	729
02:00		0	122			3	87				
02:15		1	148			0	**166**				
02:30		3	140			2	**193**				
02:45		4	148	8	558	2	**202**	7	648	15	1206
03:00		1	134			1	**198**				
03:15		5	170			1	143				
03:30		3	102			4	198				
03:45		2	126	11	532	6	152	12	691	23	1223
04:00		5	145			6	160				
04:15		6	136			5	168				
04:30		3	164			12	142				
04:45		12	135	26	580	13	151	36	621	62	1201
05:00		4	**176**			12	158				
05:15		12	**191**			22	188				
05:30		13	**166**			38	178				
05:45		38	**188**	67	721	52	160	124	684	191	1405
06:00		34	156			36	157				
06:15		71	159			48	124				
06:30		75	146			46	94				
06:45		96	124	276	585	65	101	195	476	471	1061
07:00		86	124			92	88				
07:15		96	135			116	76				
07:30		**162**	104			**207**	88				
07:45		**240**	101	584	464	**233**	85	648	337	1232	801
08:00		**198**	102			**271**	50				
08:15		**178**	94			**238**	41				
08:30		148	78			150	47				
08:45		113	76	637	350	140	34	799	172	1436	522
09:00		87	69			106	56				
09:15		80	52			97	45				
09:30		74	58			98	25				
09:45		90	38	331	217	106	30	407	156	738	373
10:00		74	36			64	38				
10:15		68	36			68	17				
10:30		62	29			58	34				
10:45		68	33	272	134	77	25	267	114	539	248
11:00		91	34			65	22				
11:15		117	28			108	14				
11:30		84	13			95	8				
11:45		68	5	360	80	79	17	347	61	707	141
Total		2622	5002	2622	5002	2889	4595	2889	4595	5511	9597
Combined Total		7624		7624		7484		7484		15108	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	778	-	-	-	949	-	-	-	-	-
P.H.F.		0.810				0.875					
PM Peak	-	-	05:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	721	-	-	-	759	-	-	-	-
P.H.F.			0.944				0.939				
Percentage		34.4%	65.6%			38.6%	61.4%				
ADT/AADT		ADT 15,108		AADT 15,108							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Jamboree Road - Culver Drive

File Name 305
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	118			10	96				
12:15	5	133			2	120				
12:30	4	109			8	131				
12:45	6	155	21	515	2	108	22	455	43	970
1:00	9	152			8	145				
1:15	5	153			4	133				
1:30	3	159			0	170				
1:45	2	154	19	618	1	208	13	656	32	1274
2:00	5	133			3	216				
2:15	3	119			0	152				
2:30	2	134			2	239				
2:45	5	132	15	518	1	234	6	841	21	1359
3:00	1	166			2	280				
3:15	4	172			2	270				
3:30	2	163			0	330				
3:45	8	151	15	652	0	301	4	1181	19	1833
4:00	7	192			5	297				
4:15	5	196			5	326				
4:30	8	182			2	345				
4:45	16	180	36	750	8	392	20	1360	56	2110
5:00	15	216			9	427				
5:15	19	219			18	397				
5:30	41	214			26	396				
5:45	54	226	129	875	27	350	80	1570	209	2445
6:00	65	183			30	283				
6:15	83	214			61	273				
6:30	111	193			56	279				
6:45	143	169	402	759	74	206	221	1041	623	1800
7:00	116	143			85	158				
7:15	214	151			128	130				
7:30	267	112			185	75				
7:45	251	96	848	502	239	89	637	452	1485	954
8:00	214	96			255	78				
8:15	239	86			223	58				
8:30	213	85			183	55				
8:45	211	82	877	349	190	61	851	252	1728	601
9:00	182	87			131	50				
9:15	154	80			153	49				
9:30	107	66			133	36				
9:45	94	46	537	279	129	46	546	181	1083	460
10:00	123	42			114	28				
10:15	108	33			125	23				
10:30	102	29			118	19				
10:45	104	24	437	128	126	22	483	92	920	220
11:00	110	19			111	15				
11:15	104	22			115	15				
11:30	117	15			103	8				
11:45	124	13	455	69	104	12	433	50	888	119
Totals	3791	6014			3316	8131				
Combined Totals		9805				11447				
ADT										21252
AM Peak Hour	730 AM				730 AM					
Volume	971				902					
P.H.F.	0.909				0.884					
PM Peak Hour		500 PM				445 PM				
Volume		875				1612				
P.H.F.		0.968				0.944				
Percentage	38.7%	61.3%			29.0%	71.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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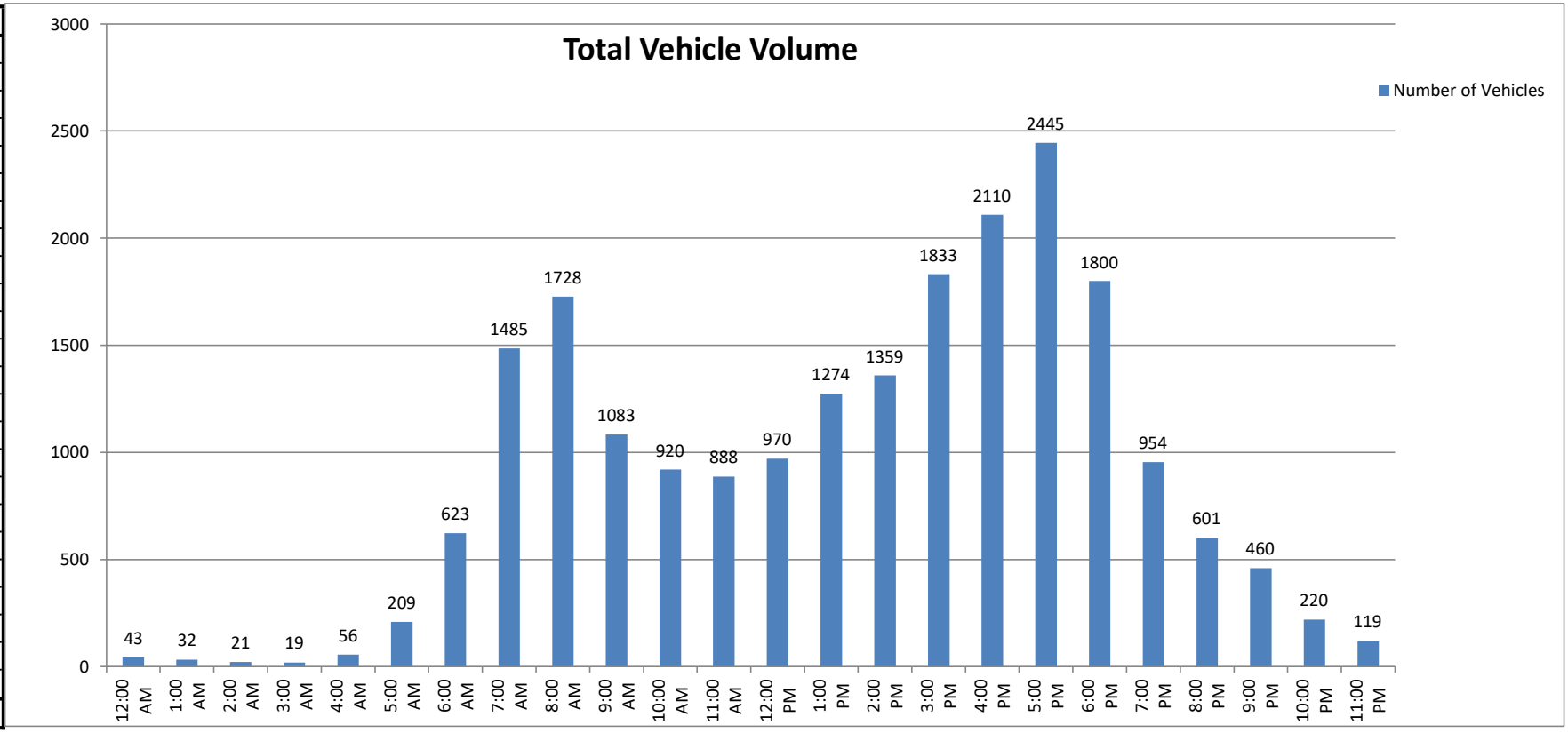
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Jamboree Road - Culver Drive

2/14/2024

Start Time	2/14/2024
12:00 AM	43
1:00 AM	32
2:00 AM	21
3:00 AM	19
4:00 AM	56
5:00 AM	209
6:00 AM	623
7:00 AM	1485
8:00 AM	1728
9:00 AM	1083
10:00 AM	920
11:00 AM	888
12:00 PM	970
1:00 PM	1274
2:00 PM	1359
3:00 PM	1833
4:00 PM	2110
5:00 PM	2445
6:00 PM	1800
7:00 PM	954
8:00 PM	601
9:00 PM	460
10:00 PM	220
11:00 PM	119
Total	21252



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Jamboree Road - Culver Drive

File Name 305
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	105			8	100				
12:15	7	124			4	115				
12:30	6	124			4	107				
12:45	9	123	34	476	6	113	22	435	56	911
1:00	3	103			6	117				
1:15	4	137			5	113				
1:30	1	120			1	144				
1:45	0	120	8	480	2	134	14	508	22	988
2:00	3	109			0	167				
2:15	1	124			2	192				
2:30	3	155			2	224				
2:45	3	181	10	569	0	245	4	828	14	1397
3:00	2	149			0	321				
3:15	4	150			0	280				
3:30	3	149			1	312				
3:45	6	196	15	644	1	294	2	1207	17	1851
4:00	8	172			3	317				
4:15	7	181			3	367				
4:30	8	183			8	316				
4:45	16	205	39	741	8	289	22	1289	61	2030
5:00	13	189			7	343				
5:15	15	212			21	355				
5:30	37	247			19	347				
5:45	46	231	111	879	30	363	77	1408	188	2287
6:00	68	202			40	284				
6:15	91	208			41	248				
6:30	110	186			70	202				
6:45	120	161	389	757	69	172	220	906	609	1663
7:00	153	159			89	165				
7:15	172	115			139	135				
7:30	275	121			213	97				
7:45	241	95	841	490	266	94	707	491	1548	981
8:00	246	87			230	80				
8:15	218	90			222	58				
8:30	240	79			189	66				
8:45	192	73	896	329	170	50	811	254	1707	583
9:00	157	73			153	63				
9:15	127	69			137	72				
9:30	118	61			132	42				
9:45	120	49	522	252	123	34	545	211	1067	463
10:00	130	38			119	28				
10:15	101	27			128	28				
10:30	118	36			130	26				
10:45	98	28	447	129	110	14	487	96	934	225
11:00	106	16			93	13				
11:15	105	16			122	15				
11:30	107	15			106	10				
11:45	121	19	439	66	115	6	436	44	875	110
Totals	3751	5812			3347	7677				
Combined Totals		9563				11024				
ADT										20587
AM Peak Hour	730	AM			730	AM				
Volume	980				931					
P.H.F.	0.891				0.875					
PM Peak Hour		515	PM			500	PM			
Volume		892				1408				
P.H.F.		0.903				0.970				
Percentage	39.2%	60.8%			30.4%	69.6%				

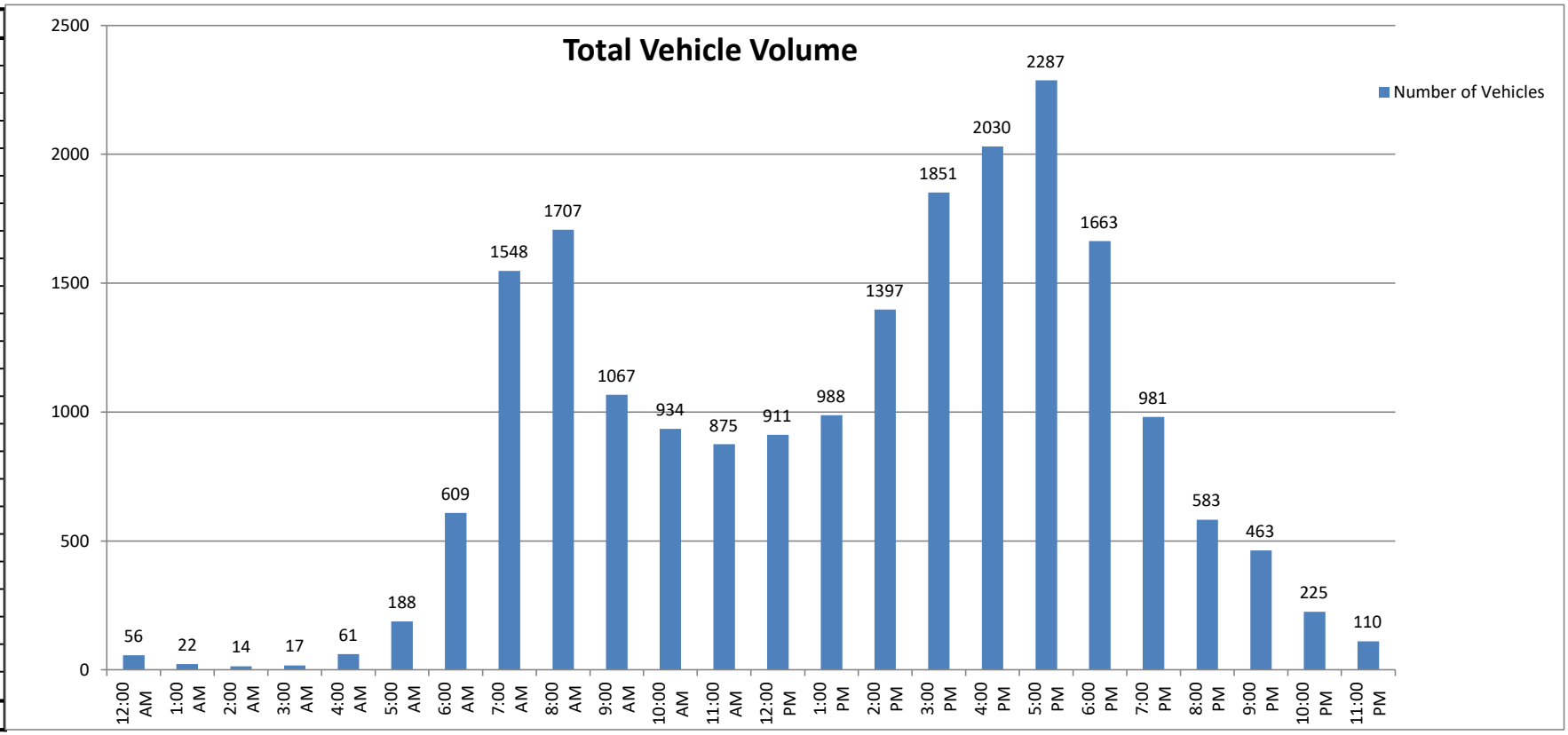
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Jamboree Road - Culver Drive
2/15/2024

Start Time	2/15/2024
12:00 AM	56
1:00 AM	22
2:00 AM	14
3:00 AM	17
4:00 AM	61
5:00 AM	188
6:00 AM	609
7:00 AM	1548
8:00 AM	1707
9:00 AM	1067
10:00 AM	934
11:00 AM	875
12:00 PM	911
1:00 PM	988
2:00 PM	1397
3:00 PM	1851
4:00 PM	2030
5:00 PM	2287
6:00 PM	1663
7:00 PM	981
8:00 PM	583
9:00 PM	463
10:00 PM	225
11:00 PM	110
Total	20587



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Portola Parkway
B/ Jamboree Road - Culver Drive

File Name 305
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	112			9	98				
12:15	6	129			3	118				
12:30	5	117			6	119				
12:45	8	139	28	496	4	111	22	445	50	941
1:00	6	128			7	131				
1:15	5	145			5	123				
1:30	2	140			1	157				
1:45	1	137	14	549	2	171	14	582	27	1131
2:00	4	121			2	192				
2:15	2	122			1	172				
2:30	3	145			2	232				
2:45	4	157	13	544	1	240	5	835	18	1378
3:00	2	158			1	301				
3:15	4	161			1	275				
3:30	3	156			1	321				
3:45	7	174	15	648	1	298	3	1194	18	1842
4:00	8	182			4	307				
4:15	6	189			4	347				
4:30	8	183			5	331				
4:45	16	193	38	746	8	341	21	1325	59	2070
5:00	14	203			8	385				
5:15	17	216			20	376				
5:30	39	231			23	372				
5:45	50	229	120	877	29	357	79	1489	199	2366
6:00	67	193			35	284				
6:15	87	211			51	261				
6:30	111	190			63	241				
6:45	132	165	396	758	72	189	221	974	616	1732
7:00	135	151			87	162				
7:15	193	133			134	133				
7:30	271	117			199	86				
7:45	246	96	845	496	253	92	672	472	1517	968
8:00	230	92			243	79				
8:15	229	88			223	58				
8:30	227	82			186	61				
8:45	202	78	887	339	180	56	831	253	1718	592
9:00	170	80			142	57				
9:15	141	75			145	61				
9:30	113	64			133	39				
9:45	107	48	530	266	126	40	546	196	1075	462
10:00	127	40			117	28				
10:15	105	30			127	26				
10:30	110	33			124	23				
10:45	101	26	442	129	118	18	485	94	927	223
11:00	108	18			102	14				
11:15	105	19			119	15				
11:30	112	15			105	9				
11:45	123	16	447	68	110	9	435	47	882	115
Totals	3771	5913			3332	7904				
Combined Totals		9684				11236				
ADT										20920
AM Peak Hour	730 AM				730 AM					
Volume	976				917					
P.H.F.	0.900				0.907					
PM Peak Hour		500 PM				500 PM				
Volume		877				1489				
P.H.F.		0.951				0.967				
Percentage	38.9%	61.1%			29.7%	70.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Portola Springs - Whispering Hills

File Name 310
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	33			4	27				
12:15	1	53			1	35				
12:30	4	44			3	27				
12:45	1	60	12	190	2	33	10	122	22	312
1:00	0	50			2	44				
1:15	2	64			1	49				
1:30	0	61			1	83				
1:45	2	58	4	233	2	47	6	223	10	456
2:00	0	53			0	36				
2:15	0	47			2	45				
2:30	2	57			0	73				
2:45	2	87	4	244	1	55	3	209	7	453
3:00	0	68			2	89				
3:15	3	83			0	75				
3:30	0	42			2	70				
3:45	1	88	4	281	1	57	5	291	9	572
4:00	3	106			2	58				
4:15	0	105			3	63				
4:30	1	74			0	54				
4:45	1	92	5	377	1	63	6	238	11	615
5:00	7	77			4	61				
5:15	8	111			3	95				
5:30	17	126			6	81				
5:45	22	92	54	406	6	64	19	301	73	707
6:00	29	84			8	113				
6:15	41	72			12	68				
6:30	43	56			18	48				
6:45	55	66	168	278	15	38	53	267	221	545
7:00	36	45			23	41				
7:15	62	55			41	31				
7:30	104	36			79	69				
7:45	92	27	294	163	57	65	200	206	494	369
8:00	101	17			109	25				
8:15	105	20			95	24				
8:30	107	25			70	29				
8:45	83	32	396	94	64	34	338	112	734	206
9:00	52	25			47	21				
9:15	46	18			29	19				
9:30	45	7			34	16				
9:45	34	12	177	62	23	13	133	69	310	131
10:00	38	7			27	15				
10:15	29	9			28	9				
10:30	35	5			31	5				
10:45	34	7	136	28	40	6	126	35	262	63
11:00	41	8			26	3				
11:15	33	2			29	6				
11:30	35	10			38	3				
11:45	53	4	162	24	24	0	117	12	279	36
Totals	1416	2380			1016	2085				
Combined Totals		3796				3101				
ADT										6897
AM Peak Hour	745	AM			730	AM				
Volume	405				340					
P.H.F.	0.946				0.780					
PM Peak Hour		515	PM			515	PM			
Volume		413				353				
P.H.F.		0.819				0.781				
Percentage	37.3%	62.7%			32.8%	67.2%				

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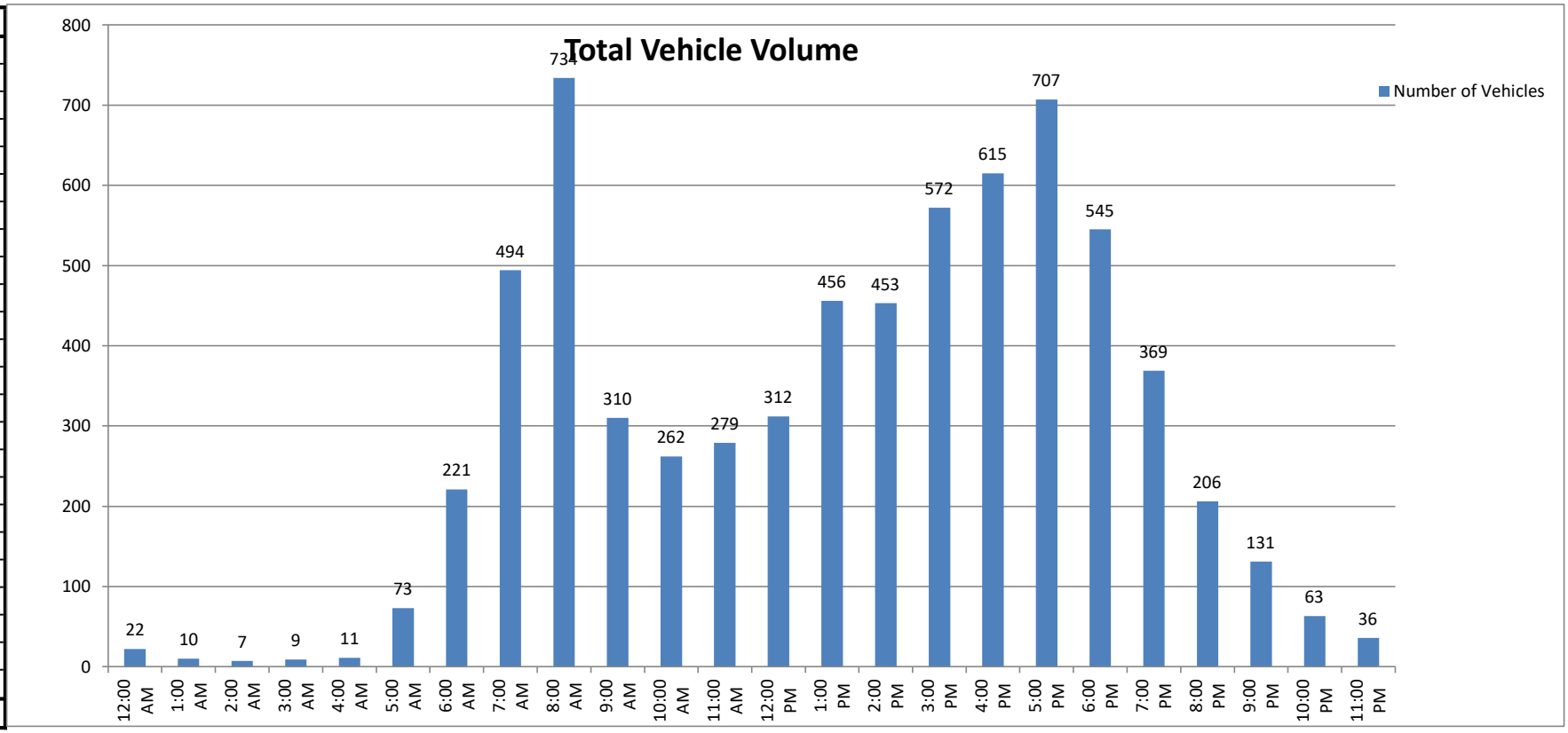
24 Hour Volume Plot

Portola Parkway

B/ Portola Springs - Whispering Hills

2/14/2024

Start Time	2/14/2024
12:00 AM	22
1:00 AM	10
2:00 AM	7
3:00 AM	9
4:00 AM	11
5:00 AM	73
6:00 AM	221
7:00 AM	494
8:00 AM	734
9:00 AM	310
10:00 AM	262
11:00 AM	279
12:00 PM	312
1:00 PM	456
2:00 PM	453
3:00 PM	572
4:00 PM	615
5:00 PM	707
6:00 PM	545
7:00 PM	369
8:00 PM	206
9:00 PM	131
10:00 PM	63
11:00 PM	36
Total	6897



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Portola Springs - Whispering Hills

File Name 310
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	27			2	41				
12:15	4	36			0	32				
12:30	2	44			3	32				
12:45	2	45	10	152	1	30	6	135	16	287
1:00	1	41			1	35				
1:15	2	63			3	50				
1:30	0	54			0	41				
1:45	0	54	3	212	0	42	4	168	7	380
2:00	1	41			0	50				
2:15	1	60			1	62				
2:30	0	51			1	78				
2:45	1	77	3	229	0	86	2	276	5	505
3:00	0	45			1	112				
3:15	0	75			0	58				
3:30	1	49			2	71				
3:45	1	71	2	240	0	74	3	315	5	555
4:00	1	67			1	33				
4:15	4	88			0	59				
4:30	3	78			0	60				
4:45	0	74	8	307	0	52	1	204	9	511
5:00	7	87			1	58				
5:15	7	105			4	67				
5:30	9	88			4	84				
5:45	30	115	53	395	14	67	23	276	76	671
6:00	27	88			8	85				
6:15	35	72			15	48				
6:30	48	49			22	39				
6:45	48	70	158	279	18	35	63	207	221	486
7:00	62	68			20	33				
7:15	50	104			57	46				
7:30	78	49			78	84				
7:45	91	33	281	254	62	46	217	209	498	463
8:00	102	24			104	22				
8:15	104	29			89	23				
8:30	101	25			66	13				
8:45	102	44	409	122	66	23	325	81	734	203
9:00	59	27			54	60				
9:15	54	31			30	58				
9:30	55	11			42	13				
9:45	46	9	214	78	26	31	152	162	366	240
10:00	33	12			27	10				
10:15	48	13			29	13				
10:30	44	8			37	7				
10:45	40	9	165	42	21	3	114	33	279	75
11:00	42	6			33	8				
11:15	47	7			26	1				
11:30	40	3			43	3				
11:45	47	3	176	19	19	0	121	12	297	31
Totals	1482	2329			1031	2078				
Combined Totals		3811				3109				
ADT										6920
AM Peak Hour	800	AM			730	AM				
Volume	409				333					
P.H.F.	0.983				0.800					
PM Peak Hour		515	PM			215	PM			
Volume		396				338				
P.H.F.		0.861				0.754				
Percentage	38.9%	61.1%			33.2%	66.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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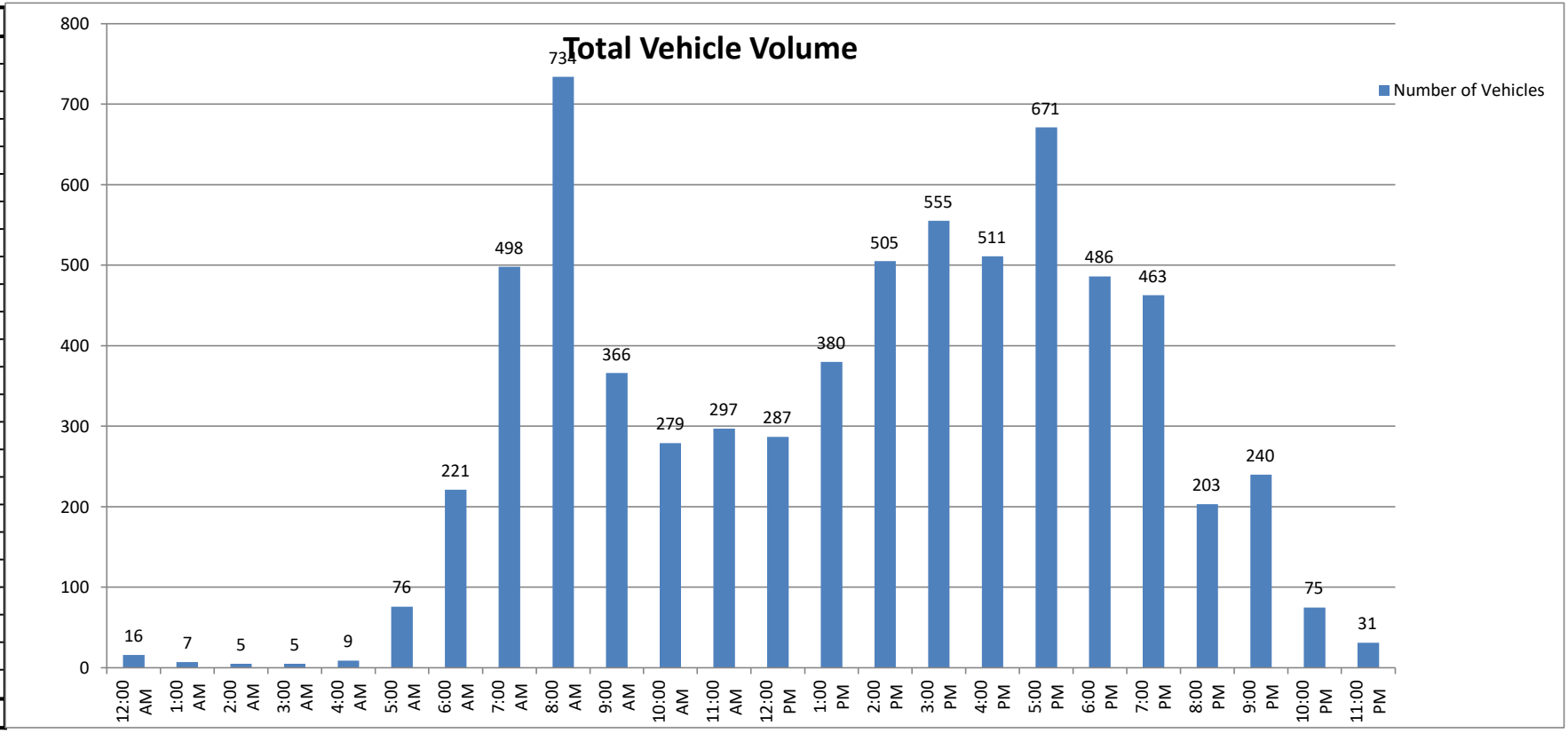
24 Hour Volume Plot

Portola Parkway

B/ Portola Springs - Whispering Hills

2/15/2024

Start Time	2/15/2024
12:00 AM	16
1:00 AM	7
2:00 AM	5
3:00 AM	5
4:00 AM	9
5:00 AM	76
6:00 AM	221
7:00 AM	498
8:00 AM	734
9:00 AM	366
10:00 AM	279
11:00 AM	297
12:00 PM	287
1:00 PM	380
2:00 PM	505
3:00 PM	555
4:00 PM	511
5:00 PM	671
6:00 PM	486
7:00 PM	463
8:00 PM	203
9:00 PM	240
10:00 PM	75
11:00 PM	31
Total	6920



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Portola Springs - Whispering Hills

File Name 310
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	30			3	34				
12:15	3	45			1	34				
12:30	3	44			3	30				
12:45	2	53	11	171	2	32	8	129	19	300
1:00	1	46			2	40				
1:15	2	64			2	50				
1:30	0	58			1	62				
1:45	1	56	4	223	1	45	5	196	9	418
2:00	1	47			0	43				
2:15	1	54			2	54				
2:30	1	54			1	76				
2:45	2	82	4	237	1	71	3	243	6	479
3:00	0	57			2	101				
3:15	2	79			0	67				
3:30	1	46			2	71				
3:45	1	80	3	261	1	66	4	303	7	564
4:00	2	87			2	46				
4:15	2	97			2	61				
4:30	2	76			0	57				
4:45	1	83	7	342	1	58	4	221	10	563
5:00	7	82			3	60				
5:15	8	108			4	81				
5:30	13	107			5	83				
5:45	26	104	54	401	10	66	21	289	75	689
6:00	28	86			8	99				
6:15	38	72			14	58				
6:30	46	53			20	44				
6:45	52	68	163	279	17	37	58	237	221	516
7:00	49	57			22	37				
7:15	56	80			49	39				
7:30	91	43			79	77				
7:45	92	30	288	209	60	56	209	208	496	416
8:00	102	21			107	24				
8:15	105	25			92	24				
8:30	104	25			68	21				
8:45	93	38	403	108	65	29	332	97	734	205
9:00	56	26			51	41				
9:15	50	25			30	39				
9:30	50	9			38	15				
9:45	40	11	196	70	25	22	143	116	338	186
10:00	36	10			27	13				
10:15	39	11			29	11				
10:30	40	7			34	6				
10:45	37	8	151	35	31	5	120	34	271	69
11:00	42	7			30	6				
11:15	40	5			28	4				
11:30	38	7			41	3				
11:45	50	4	169	22	22	0	119	12	288	34
Totals	1449	2355			1024	2082				
Combined Totals		3804				3105				
ADT										6909
AM Peak Hour	800	AM			730	AM				
Volume	403				337					
P.H.F.	0.963				0.790					
PM Peak Hour		515	PM			515	PM			
Volume		405				328				
P.H.F.		0.936				0.828				
Percentage	38.1%	61.9%			33.0%	67.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Silverado - Portola Springs

File Name 309
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	61			5	61				
12:15	6	87			7	72				
12:30	6	91			4	52				
12:45	9	112	37	351	4	69	20	254	57	605
1:00	2	116			3	79				
1:15	4	120			3	92				
1:30	2	120			2	164				
1:45	4	93	12	449	2	139	10	474	22	923
2:00	3	105			3	84				
2:15	2	89			0	125				
2:30	1	86			1	139				
2:45	2	134	8	414	0	131	4	479	12	893
3:00	0	114			2	161				
3:15	5	116			0	148				
3:30	1	107			2	150				
3:45	1	141	7	478	2	137	6	596	13	1074
4:00	2	121			5	147				
4:15	2	147			2	158				
4:30	4	140			3	133				
4:45	5	146	13	554	6	147	16	585	29	1139
5:00	14	166			13	168				
5:15	19	188			13	192				
5:30	17	193			23	186				
5:45	32	174	82	721	22	136	71	682	153	1403
6:00	34	155			28	178				
6:15	55	140			28	122				
6:30	58	121			36	102				
6:45	74	128	221	544	44	86	136	488	357	1032
7:00	48	97			74	73				
7:15	88	116			92	70				
7:30	169	80			162	90				
7:45	207	74	512	367	168	95	496	328	1008	695
8:00	191	71			249	48				
8:15	102	51			243	47				
8:30	118	70			161	45				
8:45	112	65	523	257	137	52	790	192	1313	449
9:00	81	71			115	44				
9:15	84	56			85	32				
9:30	85	32			84	24				
9:45	58	40	308	199	71	27	355	127	663	326
10:00	81	24			75	29				
10:15	58	27			71	17				
10:30	51	29			63	11				
10:45	58	20	248	100	84	13	293	70	541	170
11:00	73	17			74	6				
11:15	59	14			81	16				
11:30	65	11			92	10				
11:45	79	12	276	54	55	2	302	34	578	88
Totals	2247	4488			2499	4309				
Combined Totals		6735				6808				
ADT										13543
AM Peak Hour	730	AM			730	AM				
Volume	669				822					
P.H.F.	0.808				0.825					
PM Peak Hour		500	PM			445	PM			
Volume		721				693				
P.H.F.		0.934				0.902				
Percentage	33.4%	66.6%			36.7%	63.3%				

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PO Box 1178
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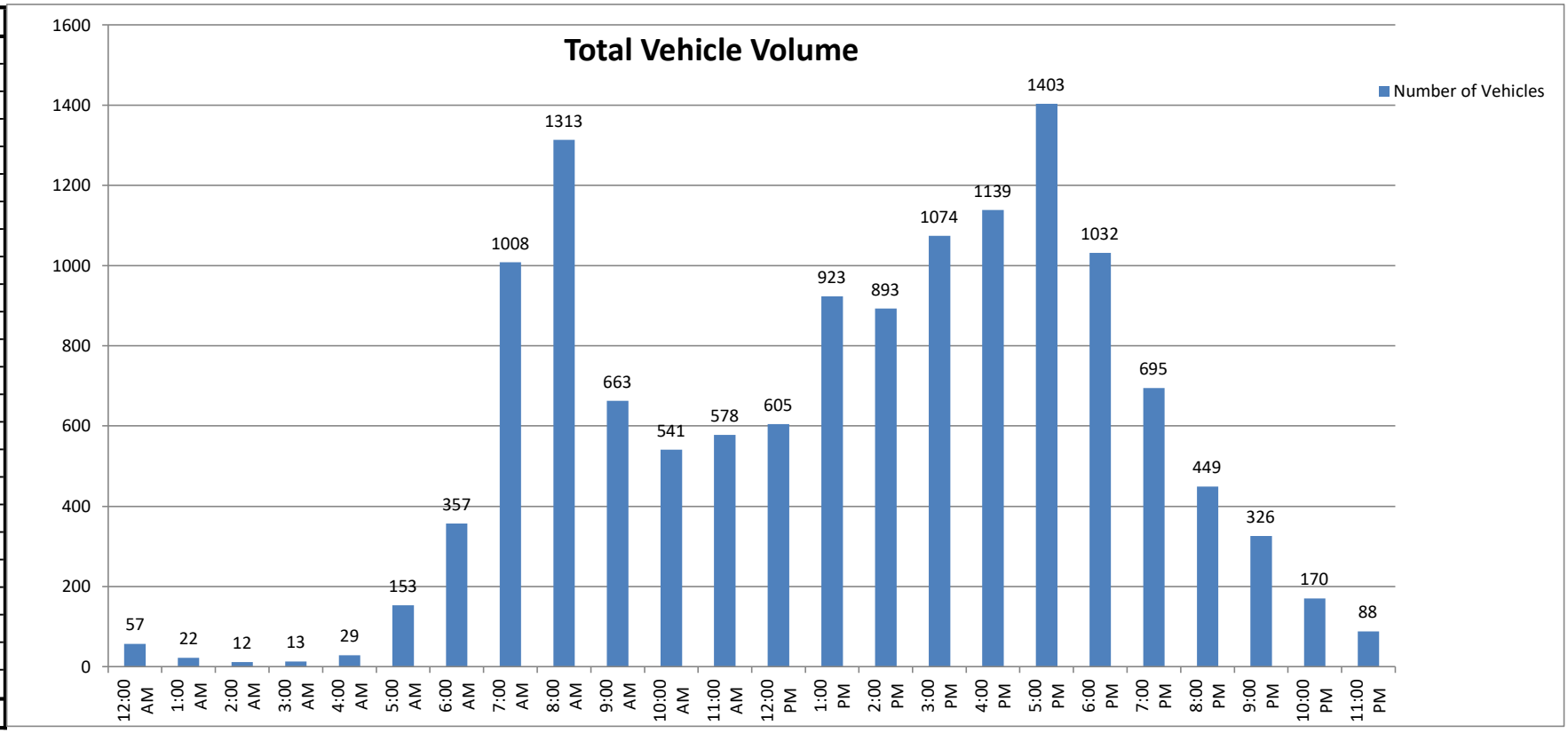
24 Hour Volume Plot

Portola Parkway
B/ Silverado - Portola Springs
2/14/2024

Start Time	2/14/2024
12:00 AM	57
1:00 AM	22
2:00 AM	12
3:00 AM	13
4:00 AM	29
5:00 AM	153
6:00 AM	357
7:00 AM	1008
8:00 AM	1313
9:00 AM	663
10:00 AM	541
11:00 AM	578
12:00 PM	605
1:00 PM	923
2:00 PM	893
3:00 PM	1074
4:00 PM	1139
5:00 PM	1403
6:00 PM	1032
7:00 PM	695
8:00 PM	449
9:00 PM	326
10:00 PM	170
11:00 PM	88
Total	13543



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Silverado - Portola Springs

File Name 309
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	57			2	56				
12:15	4	84			3	71				
12:30	8	79			4	62				
12:45	8	102	26	322	5	67	14	256	40	578
1:00	3	94			4	77				
1:15	3	122			1	88				
1:30	5	108			2	131				
1:45	2	94	13	418	2	127	9	423	22	841
2:00	1	92			1	101				
2:15	2	93			1	107				
2:30	2	112			3	149				
2:45	2	118	7	415	0	157	5	514	12	929
3:00	0	112			0	182				
3:15	2	138			2	148				
3:30	6	99			3	139				
3:45	5	110	13	459	0	148	5	617	18	1076
4:00	1	106			2	115				
4:15	6	161			1	121				
4:30	6	126			2	123				
4:45	3	146	16	539	5	150	10	509	26	1048
5:00	11	146			6	134				
5:15	8	173			15	146				
5:30	16	187			16	167				
5:45	30	232	65	738	29	136	66	583	131	1321
6:00	38	167			18	169				
6:15	50	169			37	126				
6:30	64	126			53	111				
6:45	63	130	215	592	44	122	152	528	367	1120
7:00	76	112			68	129				
7:15	66	151			120	115				
7:30	141	74			153	114				
7:45	165	78	448	415	175	72	516	430	964	845
8:00	200	71			229	42				
8:15	126	72			242	47				
8:30	143	66			139	35				
8:45	118	82	587	291	122	35	732	159	1319	450
9:00	85	58			111	75				
9:15	69	57			74	66				
9:30	82	47			82	30				
9:45	79	36	315	198	70	36	337	207	652	405
10:00	80	28			72	18				
10:15	73	39			79	17				
10:30	65	19			79	14				
10:45	58	17	276	103	63	19	293	68	569	171
11:00	77	24			56	12				
11:15	62	13			79	3				
11:30	72	11			78	7				
11:45	63	19	274	67	59	1	272	23	546	90
Totals	2255	4557			2411	4317				
Combined Totals		6812				6728				
ADT										13540
AM Peak Hour	745	AM			730	AM				
Volume	634				799					
P.H.F.	0.793				0.825					
PM Peak Hour		515	PM			230	PM			
Volume		759				636				
P.H.F.		0.818				0.874				
Percentage	33.1%	66.9%			35.8%	64.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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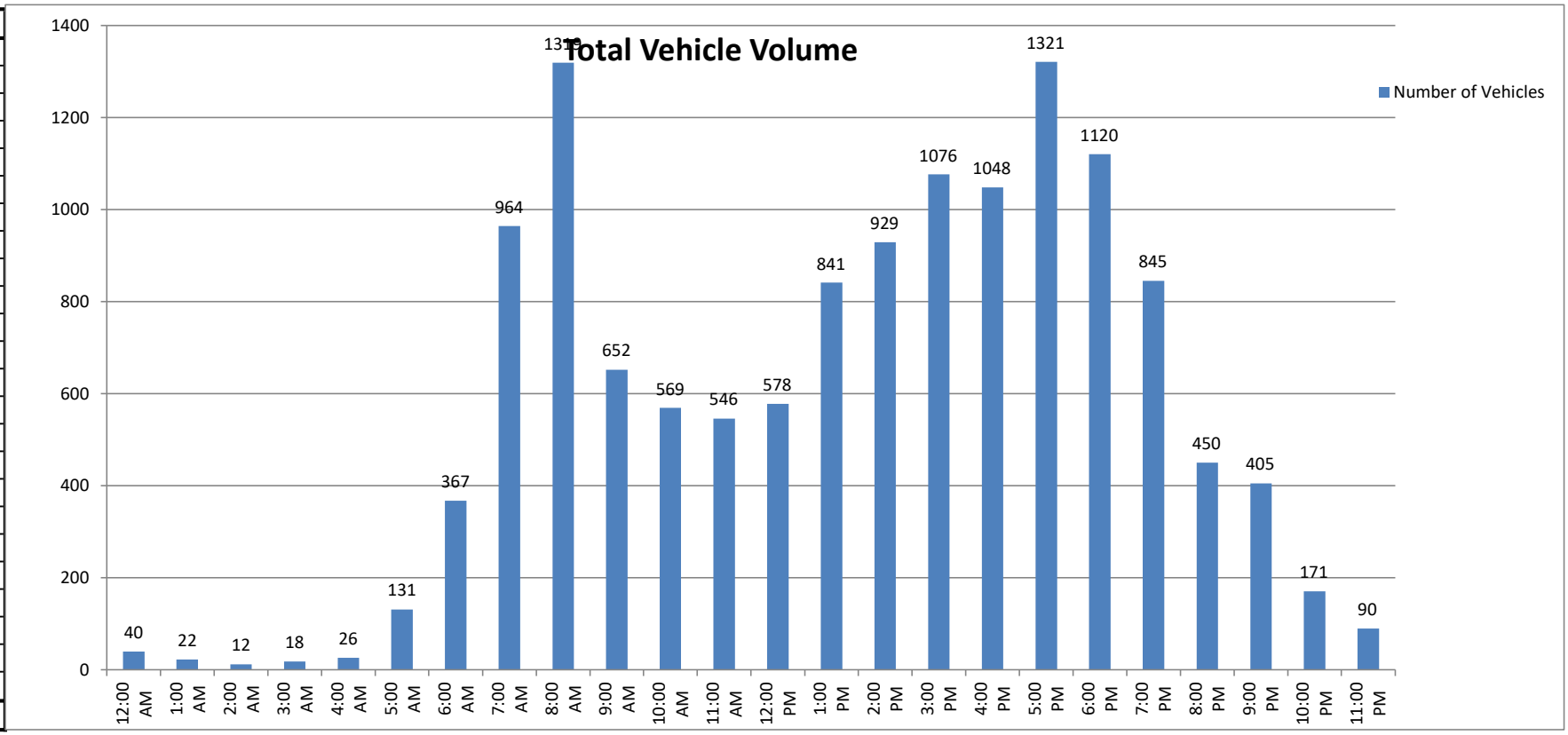
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Silverado - Portola Springs
2/15/2024

Start Time	2/15/2024
12:00 AM	40
1:00 AM	22
2:00 AM	12
3:00 AM	18
4:00 AM	26
5:00 AM	131
6:00 AM	367
7:00 AM	964
8:00 AM	1319
9:00 AM	652
10:00 AM	569
11:00 AM	546
12:00 PM	578
1:00 PM	841
2:00 PM	929
3:00 PM	1076
4:00 PM	1048
5:00 PM	1321
6:00 PM	1120
7:00 PM	845
8:00 PM	450
9:00 PM	405
10:00 PM	171
11:00 PM	90
Total	13540



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Portola Parkway
B/ Silverado - Portola Springs

File Name 309
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	59			4	59				
12:15	5	86			5	72				
12:30	7	85			4	57				
12:45	9	107	32	337	5	68	17	255	49	592
1:00	3	105			4	78				
1:15	4	121			2	90				
1:30	4	114			2	148				
1:45	3	94	13	434	2	133	10	449	22	882
2:00	2	99			2	93				
2:15	2	91			1	116				
2:30	2	99			2	144				
2:45	2	126	8	415	0	144	5	497	12	911
3:00	0	113			1	172				
3:15	4	127			1	148				
3:30	4	103			3	145				
3:45	3	126	10	469	1	143	6	607	16	1075
4:00	2	114			4	131				
4:15	4	154			2	140				
4:30	5	133			3	128				
4:45	4	146	15	547	6	149	13	547	28	1094
5:00	13	156			10	151				
5:15	14	181			14	169				
5:30	17	190			20	177				
5:45	31	203	74	730	26	136	69	633	142	1362
6:00	36	161			23	174				
6:15	53	155			33	124				
6:30	61	124			45	107				
6:45	69	129	218	568	44	104	144	508	362	1076
7:00	62	105			71	101				
7:15	77	134			106	93				
7:30	155	77			158	102				
7:45	186	76	480	391	172	84	506	379	986	770
8:00	196	71			239	45				
8:15	114	62			243	47				
8:30	131	68			150	40				
8:45	115	74	555	274	130	44	761	176	1316	450
9:00	83	65			113	60				
9:15	77	57			80	49				
9:30	84	40			83	27				
9:45	69	38	312	199	71	32	346	167	658	366
10:00	81	26			74	24				
10:15	66	33			75	17				
10:30	58	24			71	13				
10:45	58	19	262	102	74	16	293	69	555	171
11:00	75	21			65	9				
11:15	61	14			80	10				
11:30	69	11			85	9				
11:45	71	16	275	61	57	2	287	29	562	89
Totals	2251	4523			2455	4313				
Combined Totals		6774				6768				
ADT										13542
AM Peak Hour	730 AM				730 AM					
Volume	651				811					
P.H.F.	0.832				0.836					
PM Peak Hour		515 PM				515 PM				
Volume		735				655				
P.H.F.		0.905				0.928				
Percentage	33.2%	66.8%			36.3%	63.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ State Route 133 - Arrowhead

File Name 308
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/14/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	66			10	77				
12:15	7	114			6	82				
12:30	8	99			7	84				
12:45	9	98	50	377	2	93	25	336	75	713
1:00	4	98			5	97				
1:15	6	125			4	99				
1:30	5	105			3	140				
1:45	3	108	18	436	2	118	14	454	32	890
2:00	2	116			2	94				
2:15	2	104			0	151				
2:30	1	114			0	151				
2:45	2	151	7	485	0	169	2	565	9	1050
3:00	0	133			4	179				
3:15	5	137			0	189				
3:30	1	138			1	166				
3:45	1	166	7	574	3	151	8	685	15	1259
4:00	2	138			7	159				
4:15	3	157			3	166				
4:30	3	182			7	175				
4:45	6	156	14	633	8	177	25	677	39	1310
5:00	12	186			20	194				
5:15	16	236			17	220				
5:30	18	212			32	204				
5:45	24	202	70	836	37	188	106	806	176	1642
6:00	36	171			39	184				
6:15	55	182			35	181				
6:30	62	149			64	127				
6:45	68	166	221	668	85	119	223	611	444	1279
7:00	41	107			101	97				
7:15	93	154			134	84				
7:30	137	100			248	102				
7:45	148	100	419	461	218	106	701	389	1120	850
8:00	111	102			201	68				
8:15	112	79			235	62				
8:30	102	95			204	47				
8:45	121	81	446	357	187	58	827	235	1273	592
9:00	102	89			158	47				
9:15	104	83			132	42				
9:30	89	56			117	30				
9:45	68	51	363	279	129	29	536	148	899	427
10:00	64	29			99	26				
10:15	73	46			97	25				
10:30	54	42			88	13				
10:45	70	23	261	140	102	22	386	86	647	226
11:00	77	23			103	9				
11:15	80	18			105	9				
11:30	64	12			119	17				
11:45	105	20	326	73	87	8	414	43	740	116
Totals	2202	5319			3267	5035				
Combined Totals		7521				8302				
ADT										15823
AM Peak Hour	730 AM				730 AM					
Volume	508				902					
P.H.F.	0.858				0.909					
PM Peak Hour		500 PM				500 PM				
Volume		836				806				
P.H.F.		0.886				0.916				
Percentage	29.3%	70.7%			39.4%	60.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

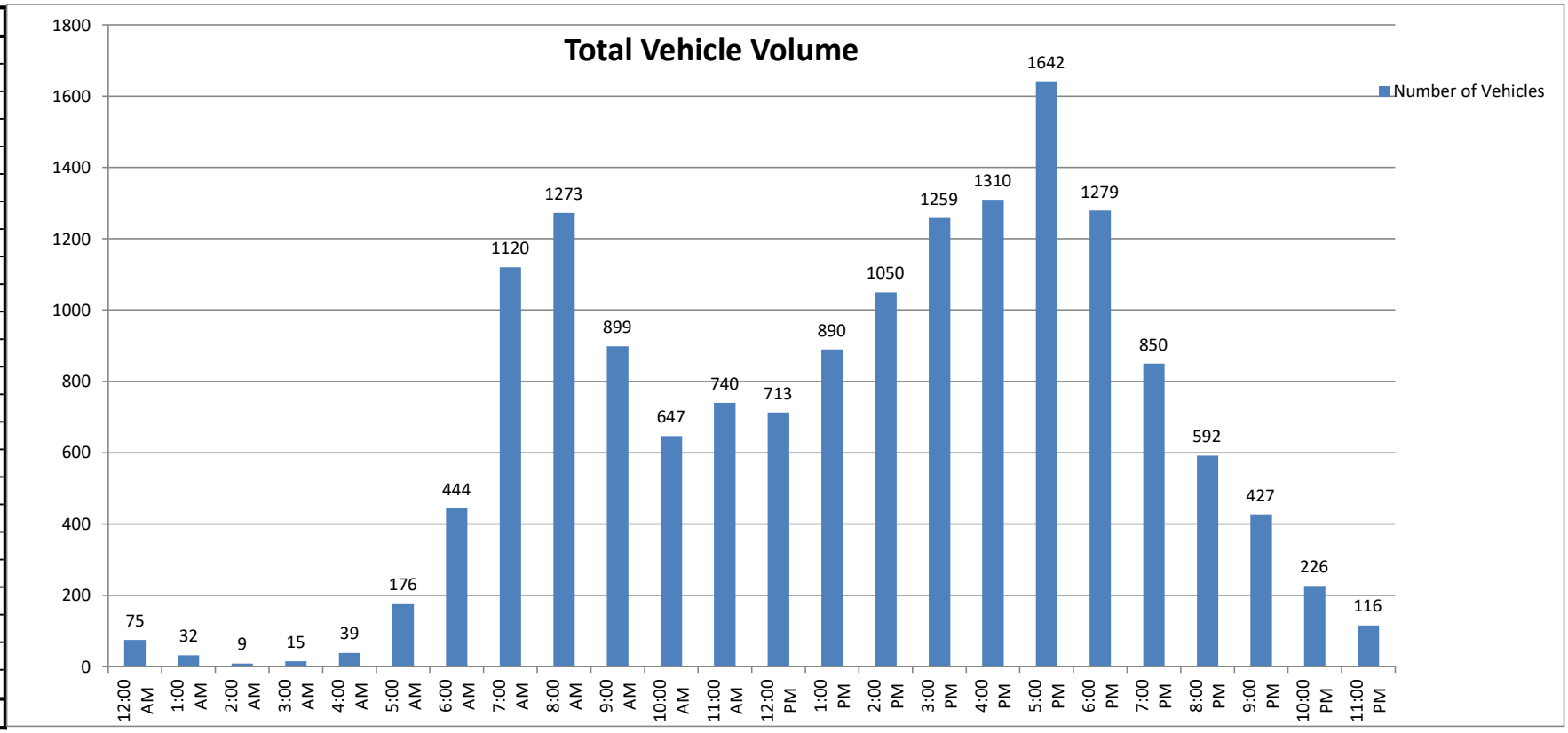
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ State Route 133 - Arrowhead

2/14/2024

Start Time	2/14/2024
12:00 AM	75
1:00 AM	32
2:00 AM	9
3:00 AM	15
4:00 AM	39
5:00 AM	176
6:00 AM	444
7:00 AM	1120
8:00 AM	1273
9:00 AM	899
10:00 AM	647
11:00 AM	740
12:00 PM	713
1:00 PM	890
2:00 PM	1050
3:00 PM	1259
4:00 PM	1310
5:00 PM	1642
6:00 PM	1279
7:00 PM	850
8:00 PM	592
9:00 PM	427
10:00 PM	226
11:00 PM	116
Total	15823



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ State Route 133 - Arrowhead

File Name 308
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/15/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	73			4	81				
12:15	8	103			3	73				
12:30	9	95			5	90				
12:45	5	103	25	374	6	83	18	327	43	701
1:00	2	101			2	105				
1:15	5	113			2	96				
1:30	5	114			0	109				
1:45	2	95	14	423	0	115	4	425	18	848
2:00	2	94			1	115				
2:15	1	97			2	130				
2:30	2	98			1	164				
2:45	2	139	7	428	1	183	5	592	12	1020
3:00	0	140			3	181				
3:15	3	164			2	168				
3:30	4	125			3	160				
3:45	3	134	10	563	1	164	9	673	19	1236
4:00	2	145			4	174				
4:15	4	169			1	147				
4:30	5	149			7	151				
4:45	3	176	14	639	8	191	20	663	34	1302
5:00	11	173			11	169				
5:15	11	194			20	178				
5:30	16	217			30	183				
5:45	30	227	68	811	37	160	98	690	166	1501
6:00	35	162			46	176				
6:15	53	182			52	134				
6:30	66	150			80	142				
6:45	60	165	214	659	79	127	257	579	471	1238
7:00	77	128			103	125				
7:15	72	171			161	111				
7:30	129	104			219	111				
7:45	102	100	380	503	222	101	705	448	1085	951
8:00	116	105			221	55				
8:15	123	95			256	54				
8:30	155	90			176	42				
8:45	146	108	540	398	147	51	800	202	1340	600
9:00	97	82			138	63				
9:15	74	76			121	86				
9:30	85	59			118	35				
9:45	80	54	336	271	112	38	489	222	825	493
10:00	83	42			95	20				
10:15	84	47			93	26				
10:30	81	25			96	19				
10:45	72	25	320	139	79	22	363	87	683	226
11:00	89	25			90	12				
11:15	73	18			96	10				
11:30	85	13			112	9				
11:45	74	20	321	76	89	4	387	35	708	111
Totals	2249	5284			3155	4943				
Combined Totals		7533				8098				
ADT										15631
AM Peak Hour	800	AM			730	AM				
Volume	540				918					
P.H.F.	0.871				0.896					
PM Peak Hour		500	PM			445	PM			
Volume		811				721				
P.H.F.		0.893				0.944				
Percentage	29.9%	70.1%			39.0%	61.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

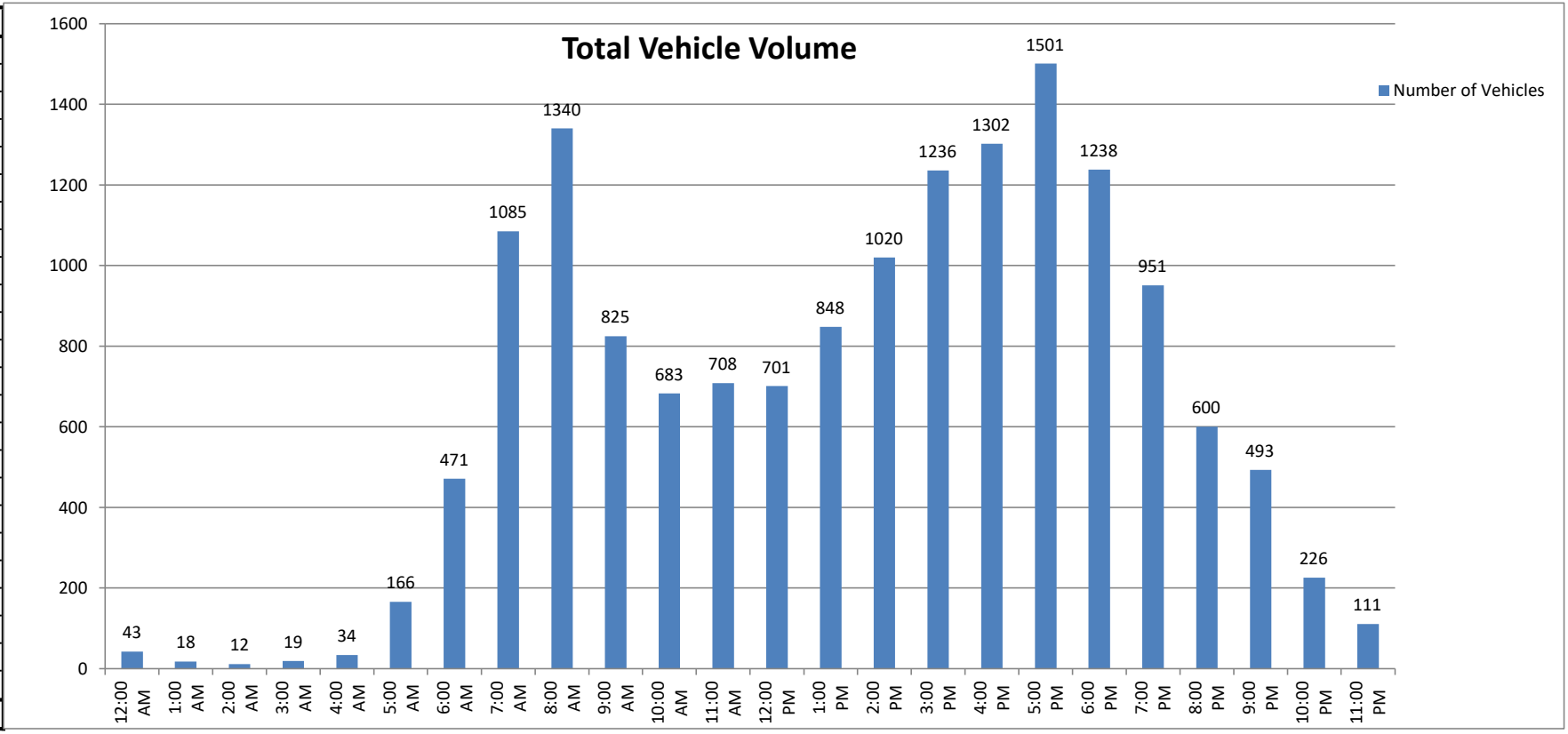
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ State Route 133 - Arrowhead

2/15/2024

Start Time	2/15/2024
12:00 AM	43
1:00 AM	18
2:00 AM	12
3:00 AM	19
4:00 AM	34
5:00 AM	166
6:00 AM	471
7:00 AM	1085
8:00 AM	1340
9:00 AM	825
10:00 AM	683
11:00 AM	708
12:00 PM	701
1:00 PM	848
2:00 PM	1020
3:00 PM	1236
4:00 PM	1302
5:00 PM	1501
6:00 PM	1238
7:00 PM	951
8:00 PM	600
9:00 PM	493
10:00 PM	226
11:00 PM	111
Total	15631



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ State Route 133 - Arrowhead

File Name 308
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	70			7	79				
12:15	8	109			5	78				
12:30	9	97			6	87				
12:45	7	101	38	376	4	88	22	332	59	707
1:00	3	100			4	101				
1:15	6	119			3	98				
1:30	5	110			2	125				
1:45	3	102	16	430	1	117	9	440	25	869
2:00	2	105			2	105				
2:15	2	101			1	141				
2:30	2	106			1	158				
2:45	2	145	7	457	1	176	4	579	11	1035
3:00	0	137			4	180				
3:15	4	151			1	179				
3:30	3	132			2	163				
3:45	2	150	9	569	2	158	9	679	17	1248
4:00	2	142			6	167				
4:15	4	163			2	157				
4:30	4	166			7	163				
4:45	5	166	14	636	8	184	23	670	37	1306
5:00	12	180			16	182				
5:15	14	215			19	199				
5:30	17	215			31	194				
5:45	27	215	69	824	37	174	102	748	171	1572
6:00	36	167			43	180				
6:15	54	182			44	158				
6:30	64	150			72	135				
6:45	64	166	218	664	82	123	240	595	458	1259
7:00	59	118			102	111				
7:15	83	163			148	98				
7:30	133	102			234	107				
7:45	125	100	400	482	220	104	703	419	1103	901
8:00	114	104			211	62				
8:15	118	87			246	58				
8:30	129	93			190	45				
8:45	134	95	493	378	167	55	814	219	1307	596
9:00	100	86			148	55				
9:15	89	80			127	64				
9:30	87	58			118	33				
9:45	74	53	350	275	121	34	513	185	862	460
10:00	74	36			97	23				
10:15	79	47			95	26				
10:30	68	34			92	16				
10:45	71	24	291	140	91	22	375	87	665	226
11:00	83	24			97	11				
11:15	77	18			101	10				
11:30	75	13			116	13				
11:45	90	20	324	75	88	6	401	39	724	114
Totals	2226	5302			3211	4989				
Combined Totals		7527				8200				
ADT										15727
AM Peak Hour	800	AM			730	AM				
Volume	493				910					
P.H.F.	0.923				0.927					
PM Peak Hour		500	PM			445	PM			
Volume		824				758				
P.H.F.		0.958				0.952				
Percentage	29.6%	70.4%			39.2%	60.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Portola Parkway
W/ Alton Parkway
24 Hour Directional Volume Count

LKF124
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	36			5	43				
12:15		1	35			3	29				
12:30		2	41			1	33				
12:45		1	50	5	162	4	39	13	144	18	306
01:00		3	34			4	42				
01:15		3	44			5	40				
01:30		0	**58**			1	29				
01:45		0	**44**	6	180	1	42	11	153	17	333
02:00		1	**63**			2	44				
02:15		0	**50**			2	58				
02:30		0	49			1	70				
02:45		0	38	1	200	0	47	5	219	6	419
03:00		2	40			1	57				
03:15		1	37			3	48				
03:30		5	37			1	55				
03:45		0	47	8	161	0	67	5	227	13	388
04:00		1	42			0	56				
04:15		5	43			1	51				
04:30		7	54			0	35				
04:45		6	51	19	190	2	**62**	3	204	22	394
05:00		6	51			1	**48**				
05:15		7	49			1	**65**				
05:30		18	46			2	**62**				
05:45		12	37	43	183	3	58	7	233	50	416
06:00		17	34			3	49				
06:15		14	40			1	48				
06:30		26	32			5	56				
06:45		53	29	110	135	6	53	15	206	125	341
07:00		63	38			10	38				
07:15		65	19			14	47				
07:30		**84**	22			8	39				
07:45		**115**	8	327	87	**30**	44	62	168	389	255
08:00		**118**	20			**52**	33				
08:15		**72**	16			**46**	27				
08:30		50	14			**37**	29				
08:45		37	15	277	65	27	34	162	123	439	188
09:00		33	10			25	25				
09:15		42	14			20	22				
09:30		41	14			23	21				
09:45		36	7	152	45	24	21	92	89	244	134
10:00		38	9			12	20				
10:15		36	10			28	11				
10:30		29	9			28	16				
10:45		30	6	133	34	21	10	89	57	222	91
11:00		31	6			24	10				
11:15		47	2			27	5				
11:30		44	5			37	3				
11:45		38	4	160	17	35	6	123	24	283	41
Total		1241	1459	1241	1459	587	1847	587	1847	1828	3306
Combined Total		2700		2700		2434		2434		5134	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	389	-	-	-	165	-	-	-	-	-
P.H.F.		0.824				0.793					
PM Peak	-	-	01:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	215	-	-	-	237	-	-	-	-
P.H.F.			0.853				0.846				
Percentage		46.0%	54.0%			24.1%	75.9%				
ADT/AADT		ADT 5,134		AADT 5,134							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Portola Parkway
W/ Glenn Ranch Road
24 Hour Directional Volume Count

LKF121
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	260			25	266				
12:15		16	244			16	237				
12:30		12	286			18	245				
12:45		18	306	66	1096	12	257	71	1005	137	2101
01:00		14	217			4	**376**				
01:15		12	237			31	**275**				
01:30		7	256			6	**274**				
01:45		5	224	38	934	7	**258**	48	1183	86	2117
02:00		10	249			4	189				
02:15		16	247			3	233				
02:30		27	327			5	285				
02:45		25	281	78	1104	6	282	18	989	96	2093
03:00		10	269			5	279				
03:15		22	292			12	248				
03:30		39	310			11	277				
03:45		28	319	99	1190	10	310	38	1114	137	2304
04:00		9	357			8	260				
04:15		27	326			13	249				
04:30		52	373			26	243				
04:45		113	325	201	1381	40	292	87	1044	288	2425
05:00		28	**388**			100	279				
05:15		41	**372**			95	290				
05:30		64	**388**			77	313				
05:45		85	**370**	218	1518	94	290	366	1172	584	2690
06:00		78	322			91	220				
06:15		53	331			103	238				
06:30		73	308			125	194				
06:45		106	243	310	1204	181	218	500	870	810	2074
07:00		184	244			201	185				
07:15		158	220			266	203				
07:30		**191**	249			268	155				
07:45		**226**	194	759	907	**356**	110	1091	653	1850	1560
08:00		**302**	196			**369**	120				
08:15		**239**	153			**394**	107				
08:30		181	200			**330**	104				
08:45		180	202	902	751	310	124	1403	455	2305	1206
09:00		159	149			258	143				
09:15		150	135			220	111				
09:30		159	93			200	88				
09:45		157	93	625	470	177	92	855	434	1480	904
10:00		136	78			189	70				
10:15		164	55			184	53				
10:30		187	51			209	33				
10:45		168	51	655	235	211	39	793	195	1448	430
11:00		162	48			191	58				
11:15		233	39			215	45				
11:30		180	31			236	28				
11:45		227	28	802	146	266	19	908	150	1710	296
Total		4753	10936	4753	10936	6178	9264	6178	9264	10931	20200
Combined Total		15689		15689		15442		15442		31131	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	958	-	-	-	1449	-	-	-	-	-
P.H.F.		0.793				0.919					
PM Peak	-	-	05:00	-	-	-	01:00	-	-	-	-
Vol.	-	-	1518	-	-	-	1183	-	-	-	-
P.H.F.			0.978				0.787				
Percentage		30.3%	69.7%			40.0%	60.0%				
ADT/AADT		ADT 31,131		AADT 31,131							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Tustin Ranch Road
W/ Portola Parkway
24 Hour Directional Volume Count

TUS125
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	43			8	68				
12:15		2	65			3	56				
12:30		2	56			4	46				
12:45		5	68	14	232	1	52	16	222	30	454
01:00		3	49			2	77				
01:15		3	60			0	58				
01:30		1	53			1	86				
01:45		1	59	8	221	1	71	4	292	12	513
02:00		1	84			1	88				
02:15		0	82			0	120				
02:30		2	67			0	**154**				
02:45		0	**162**	3	395	0	**168**	1	530	4	925
03:00		0	**143**			1	**158**				
03:15		0	**96**			1	**132**				
03:30		3	**87**			2	154				
03:45		3	73	6	399	0	166	4	610	10	1009
04:00		2	91			2	129				
04:15		2	86			1	157				
04:30		3	84			3	123				
04:45		2	94	9	355	5	135	11	544	20	899
05:00		4	126			5	135				
05:15		12	125			24	145				
05:30		13	91			9	140				
05:45		51	90	80	432	8	113	46	533	126	965
06:00		17	83			16	115				
06:15		19	88			26	103				
06:30		37	79			20	83				
06:45		33	89	106	339	27	85	89	386	195	725
07:00		73	67			47	81				
07:15		68	76			84	93				
07:30		**102**	73			**140**	63				
07:45		**147**	74	390	290	**216**	61	487	298	877	588
08:00		**176**	55			**158**	36				
08:15		**141**	45			**147**	51				
08:30		100	44			92	36				
08:45		60	52	477	196	73	37	470	160	947	356
09:00		56	30			61	30				
09:15		61	45			54	31				
09:30		49	45			49	20				
09:45		64	29	230	149	54	21	218	102	448	251
10:00		41	18			53	17				
10:15		47	21			46	13				
10:30		48	11			64	11				
10:45		61	11	197	61	58	11	221	52	418	113
11:00		52	6			46	11				
11:15		51	6			60	8				
11:30		65	9			50	1				
11:45		60	3	228	24	41	6	197	26	425	50
Total		1748	3093	1748	3093	1764	3755	1764	3755	3512	6848
Combined Total		4841		4841		5519		5519		10360	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	566	-	-	-	661	-	-	-	-	-
P.H.F.		0.804				0.765					
PM Peak	-	-	02:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	488	-	-	-	612	-	-	-	-
P.H.F.			0.753				0.911				
Percentage		36.1%	63.9%			32.0%	68.0%				
ADT/AADT		ADT 10,360		AADT 10,360							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Portola Parkway
W/ Lake Forest Drive
24 Hour Directional Volume Count

LKF122
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	71			3	107				
12:15		3	60			8	93				
12:30		8	74			3	105				
12:45		2	83	21	288	2	93	16	398	37	686
01:00		2	53			3	94				
01:15		3	68			3	66				
01:30		6	69			1	69				
01:45		1	61	12	251	2	70	9	299	21	550
02:00		1	65			0	90				
02:15		1	56			0	74				
02:30		5	68			0	113				
02:45		1	75	8	264	0	81	0	358	8	622
03:00		0	97			0	78				
03:15		2	82			0	83				
03:30		5	68			3	79				
03:45		2	90	9	337	5	77	8	317	17	654
04:00		3	79			0	96				
04:15		1	89			7	**98**				
04:30		11	74			8	**100**				
04:45		25	90	40	332	8	**87**	23	381	63	713
05:00		6	101			13	**115**				
05:15		13	**114**			22	95				
05:30		16	**93**			16	81				
05:45		30	**88**	65	396	21	75	72	366	137	762
06:00		24	**115**			33	73				
06:15		18	78			26	76				
06:30		29	88			39	50				
06:45		35	64	106	345	47	69	145	268	251	613
07:00		41	48			58	54				
07:15		53	53			81	54				
07:30		48	53			108	44				
07:45		61	48	203	202	**99**	23	346	175	549	377
08:00		**69**	41			**139**	29				
08:15		**88**	42			**108**	19				
08:30		**76**	42			**112**	28				
08:45		**65**	44	298	169	89	28	448	104	746	273
09:00		66	33			73	25				
09:15		42	29			61	30				
09:30		45	20			77	21				
09:45		50	27	203	109	73	11	284	87	487	196
10:00		49	22			56	14				
10:15		48	13			74	8				
10:30		57	16			77	5				
10:45		46	10	200	61	70	7	277	34	477	95
11:00		54	12			54	8				
11:15		67	9			66	13				
11:30		51	6			81	5				
11:45		55	7	227	34	90	6	291	32	518	66
Total		1392	2788	1392	2788	1919	2819	1919	2819	3311	5607
Combined Total		4180		4180		4738		4738		8918	
AM Peak	-	08:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	298	-	-	-	458	-	-	-	-	-
P.H.F.		0.847				0.824					
PM Peak	-	-	05:15	-	-	-	04:15	-	-	-	-
Vol.	-	-	410	-	-	-	400	-	-	-	-
P.H.F.			0.891				0.870				
Percentage		33.3%	66.7%			40.5%	59.5%				
ADT/AADT		ADT 8,918		AADT 8,918							

Counts Unlimited, Inc
PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Portola Parkway
W/ Ridge Valley
24 Hour Directional Volume Count

IRV119
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	90			9	72				
12:15		12	82			6	74				
12:30		4	77			8	86				
12:45		5	106	32	355	2	75	25	307	57	662
01:00		4	96			4	55				
01:15		5	81			2	58				
01:30		4	96			5	92				
01:45		0	126	13	399	4	70	15	275	28	674
02:00		1	124			3	84				
02:15		1	129			0	154				
02:30		3	137			2	176				
02:45		2	133	7	523	1	188	6	602	13	1125
03:00		1	140			2	174				
03:15		6	147			1	142				
03:30		1	96			3	186				
03:45		2	119	10	502	3	132	9	634	19	1136
04:00		5	138			4	154				
04:15		4	154			6	162				
04:30		1	138			9	144				
04:45		8	124	18	554	11	137	30	597	48	1151
05:00		4	**158**			10	**170**				
05:15		12	**182**			18	**214**				
05:30		16	**155**			34	**176**				
05:45		35	**172**	67	667	40	**155**	102	715	169	1382
06:00		35	156			38	156				
06:15		71	148			40	136				
06:30		79	138			40	90				
06:45		86	122	271	564	48	88	166	470	437	1034
07:00		77	134			82	86				
07:15		94	124			88	77				
07:30		**163**	100			**165**	91				
07:45		**212**	92	546	450	**178**	73	513	327	1059	777
08:00		**168**	90			**214**	44				
08:15		**162**	89			**180**	37				
08:30		149	75			138	47				
08:45		112	72	591	326	118	29	650	157	1241	483
09:00		86	70			90	51				
09:15		72	54			84	42				
09:30		81	56			88	23				
09:45		86	35	325	215	102	25	364	141	689	356
10:00		74	33			70	36				
10:15		70	33			62	19				
10:30		66	32			56	32				
10:45		66	32	276	130	65	21	253	108	529	238
11:00		76	30			56	22				
11:15		108	27			94	16				
11:30		80	11			95	8				
11:45		58	5	322	73	77	15	322	61	644	134
Total		2478	4758	2478	4758	2455	4394	2455	4394	4933	9152
Combined Total		7236		7236		6849		6849		14085	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	705	-	-	-	737	-	-	-	-	-
P.H.F.		0.831				0.861					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	667	-	-	-	715	-	-	-	-
P.H.F.			0.916				0.835				
Percentage		34.2%	65.8%			35.8%	64.2%				
ADT/AADT		ADT 14,085		AADT 14,085							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Whispering Hills - State Route 241

File Name 311
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/7/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	39			5	44				
12:15	3	34			2	37				
12:30	1	39			1	36				
12:45	0	42	6	154	6	38	14	155	20	309
1:00	1	40			3	34				
1:15	1	50			3	35				
1:30	0	40			4	32				
1:45	0	34	2	164	0	39	10	140	12	304
2:00	0	42			4	44				
2:15	2	64			0	41				
2:30	0	55			0	62				
2:45	1	71	3	232	2	70	6	217	9	449
3:00	0	71			1	44				
3:15	0	53			7	54				
3:30	1	62			4	60				
3:45	2	56	3	242	6	73	18	231	21	473
4:00	4	51			2	91				
4:15	2	62			8	76				
4:30	1	44			12	61				
4:45	8	64	15	221	12	50	34	278	49	499
5:00	2	58			12	64				
5:15	10	60			11	78				
5:30	10	70			11	72				
5:45	22	58	44	246	19	67	53	281	97	527
6:00	26	70			16	48				
6:15	22	46			35	50				
6:30	20	42			41	39				
6:45	24	78	92	236	46	42	138	179	230	415
7:00	27	35			50	68				
7:15	54	33			73	41				
7:30	90	38			93	41				
7:45	80	27	251	133	82	32	298	182	549	315
8:00	86	22			56	32				
8:15	78	14			54	25				
8:30	48	19			54	27				
8:45	82	12	294	67	42	20	206	104	500	171
9:00	44	22			36	27				
9:15	46	20			52	15				
9:30	38	10			54	14				
9:45	40	12	168	64	42	16	184	72	352	136
10:00	54	11			28	8				
10:15	36	7			23	12				
10:30	28	5			26	12				
10:45	39	8	157	31	29	16	106	48	263	79
11:00	32	4			24	15				
11:15	44	7			32	6				
11:30	44	0			40	14				
11:45	28	2	148	13	42	6	138	41	286	54
Totals	1183	1803			1205	1928				
Combined Totals		2986				3133				
ADT										6119
AM Peak Hour	730	AM			715	AM				
Volume	334				304					
P.H.F.	0.928				0.817					
PM Peak Hour		215	PM			345	PM			
Volume		261				301				
P.H.F.		0.919				0.827				
Percentage	39.6%	60.4%			38.5%	61.5%				

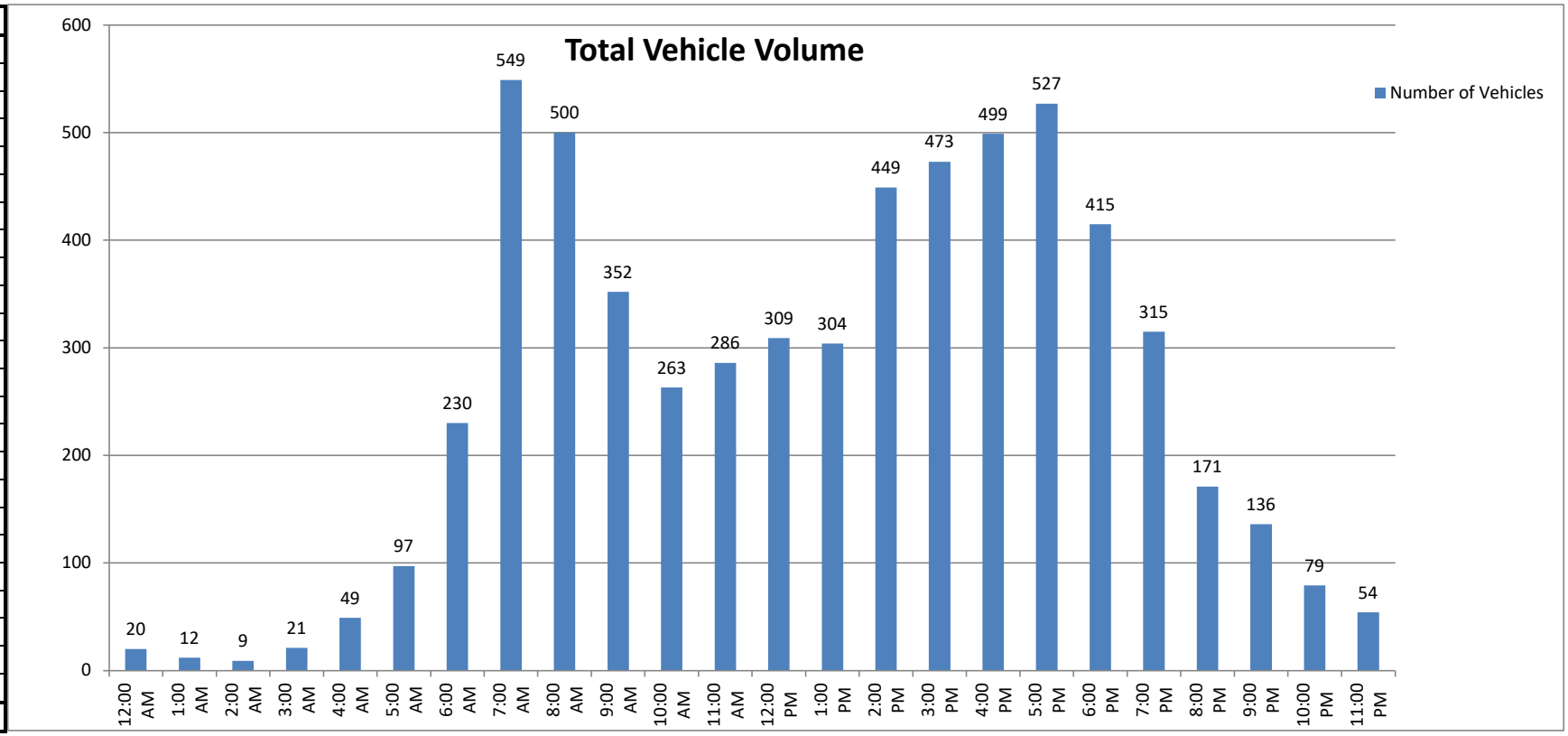
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Whispering Hills - State Route 241
5/7/2024

Start Time	5/7/2024
12:00 AM	20
1:00 AM	12
2:00 AM	9
3:00 AM	21
4:00 AM	49
5:00 AM	97
6:00 AM	230
7:00 AM	549
8:00 AM	500
9:00 AM	352
10:00 AM	263
11:00 AM	286
12:00 PM	309
1:00 PM	304
2:00 PM	449
3:00 PM	473
4:00 PM	499
5:00 PM	527
6:00 PM	415
7:00 PM	315
8:00 PM	171
9:00 PM	136
10:00 PM	79
11:00 PM	54
Total	6119



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Whispering Hills - State Route 241

File Name 311
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	45			5	43				
12:15	3	36			3	40				
12:30	4	42			3	38				
12:45	3	39	11	162	2	47	13	168	24	330
1:00	2	36			6	37				
1:15	3	32			4	37				
1:30	0	62			3	32				
1:45	3	50	8	180	4	32	17	138	25	318
2:00	1	36			3	32				
2:15	2	57			1	38				
2:30	1	65			10	55				
2:45	0	78	4	236	1	56	15	181	19	417
3:00	0	60			5	36				
3:15	0	45			2	46				
3:30	1	64			2	63				
3:45	1	66	2	235	14	52	23	197	25	432
4:00	2	64			8	62				
4:15	6	58			4	80				
4:30	5	58			6	50				
4:45	4	52	17	232	6	57	24	249	41	481
5:00	6	49			22	71				
5:15	8	56			24	71				
5:30	7	50			28	68				
5:45	26	46	47	201	22	48	96	258	143	459
6:00	24	57			21	44				
6:15	15	52			27	48				
6:30	20	46			56	46				
6:45	36	49	95	204	40	67	144	205	239	409
7:00	36	32			40	36				
7:15	46	31			68	44				
7:30	117	38			86	30				
7:45	64	20	263	121	74	27	268	137	531	258
8:00	56	25			72	24				
8:15	71	14			36	30				
8:30	70	19			55	19				
8:45	60	17	257	75	31	29	194	102	451	177
9:00	50	21			44	19				
9:15	38	20			36	19				
9:30	43	7			34	17				
9:45	36	6	167	54	26	11	140	66	307	120
10:00	28	14			32	12				
10:15	46	8			24	10				
10:30	34	7			42	11				
10:45	42	3	150	32	40	17	138	50	288	82
11:00	39	7			24	28				
11:15	44	11			34	11				
11:30	40	1			30	6				
11:45	43	1	166	20	27	6	115	51	281	71
Totals	1187	1752			1187	1802				
Combined Totals		2939				2989				
ADT										5928
AM Peak Hour	730	AM			715	AM				
Volume	308				300					
P.H.F.	0.658				0.872					
PM Peak Hour		215	PM			445	PM			
Volume		260				267				
P.H.F.		0.833				0.940				
Percentage	40.4%	59.6%			39.7%	60.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

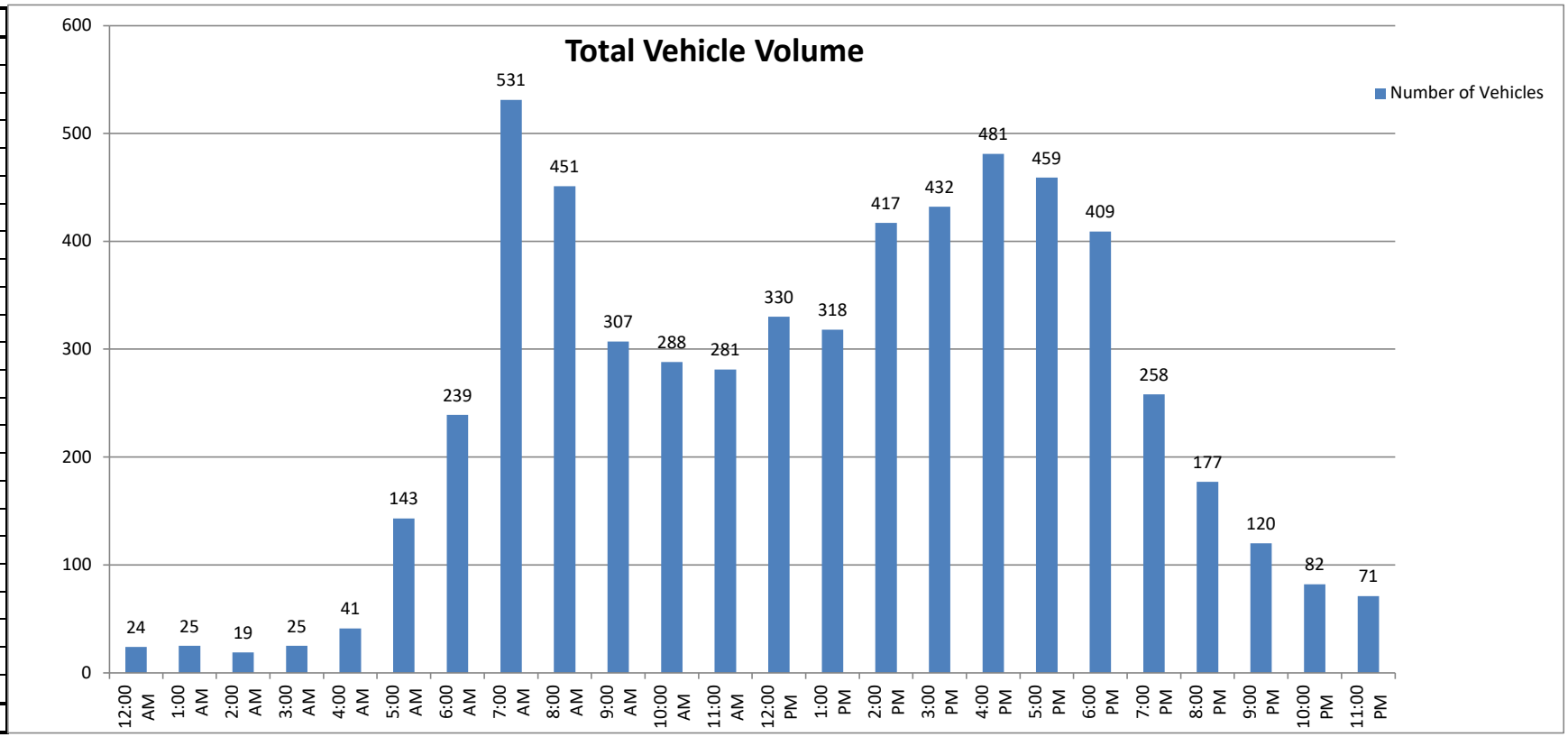
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Portola Parkway
B/ Whispering Hills - State Route 241

5/8/2024

Start Time	5/8/2024
12:00 AM	24
1:00 AM	25
2:00 AM	19
3:00 AM	25
4:00 AM	41
5:00 AM	143
6:00 AM	239
7:00 AM	531
8:00 AM	451
9:00 AM	307
10:00 AM	288
11:00 AM	281
12:00 PM	330
1:00 PM	318
2:00 PM	417
3:00 PM	432
4:00 PM	481
5:00 PM	459
6:00 PM	409
7:00 PM	258
8:00 PM	177
9:00 PM	120
10:00 PM	82
11:00 PM	71
Total	5928



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Portola Parkway
B/ Whispering Hills - State Route 241

File Name 311
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	42			5	44				
12:15	3	35			3	39				
12:30	3	41			2	37				
12:45	2	41	9	158	4	43	14	162	22	320
1:00	2	38			5	36				
1:15	2	41			4	36				
1:30	0	51			4	32				
1:45	2	42	5	172	2	36	14	139	19	311
2:00	1	39			4	38				
2:15	2	61			1	40				
2:30	1	60			5	59				
2:45	1	75	4	234	2	63	11	199	14	433
3:00	0	66			3	40				
3:15	0	49			5	50				
3:30	1	63			3	62				
3:45	2	61	3	239	10	63	21	214	23	453
4:00	3	58			5	77				
4:15	4	60			6	78				
4:30	3	51			9	56				
4:45	6	58	16	227	9	54	29	264	45	490
5:00	4	54			17	68				
5:15	9	58			18	75				
5:30	9	60			20	70				
5:45	24	52	46	224	21	58	75	270	120	493
6:00	25	64			19	46				
6:15	19	49			31	49				
6:30	20	44			49	43				
6:45	30	64	94	220	43	55	141	192	235	412
7:00	32	34			45	52				
7:15	50	32			71	43				
7:30	104	38			90	36				
7:45	72	24	257	127	78	30	283	160	540	287
8:00	71	24			64	28				
8:15	75	14			45	28				
8:30	59	19			55	23				
8:45	71	15	276	71	37	25	200	103	476	174
9:00	47	22			40	23				
9:15	42	20			44	17				
9:30	41	9			44	16				
9:45	38	9	168	59	34	14	162	69	330	128
10:00	41	13			30	10				
10:15	41	8			24	11				
10:30	31	6			34	12				
10:45	41	6	154	32	35	17	122	49	276	81
11:00	36	6			24	22				
11:15	44	9			33	9				
11:30	42	1			35	10				
11:45	36	2	157	17	35	6	127	46	284	63
Totals	1185	1778			1196	1865				
Combined Totals		2963				3061				
ADT										6024
AM Peak Hour	730	AM			715	AM				
Volume	321				302					
P.H.F.	0.775				0.844					
PM Peak Hour		215	PM			330	PM			
Volume		261				279				
P.H.F.		0.874				0.893				
Percentage	40.0%	60.0%			39.1%	60.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Pusan Way
N/ Cadence

File Name 402
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/8/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	9			0	11				
12:15	1	12			0	10				
12:30	0	12			0	10				
12:45	0	4	1	37	0	8	0	39	1	76
1:00	1	14			0	9				
1:15	0	8			0	11				
1:30	0	11			0	8				
1:45	1	12	2	45	0	13	0	41	2	86
2:00	0	19			2	13				
2:15	3	28			0	12				
2:30	0	20			0	7				
2:45	1	13	4	80	1	15	3	47	7	127
3:00	0	6			0	15				
3:15	0	15			0	18				
3:30	0	17			0	30				
3:45	0	20	0	58	0	25	0	88	0	146
4:00	0	19			0	10				
4:15	1	17			0	17				
4:30	0	11			0	11				
4:45	0	16	1	63	0	18	0	56	1	119
5:00	0	15			0	15				
5:15	0	19			0	17				
5:30	2	20			1	20				
5:45	2	16	4	70	2	14	3	66	7	136
6:00	2	15			3	15				
6:15	6	3			1	11				
6:30	10	12			2	9				
6:45	3	12	21	42	2	9	8	44	29	86
7:00	5	10			3	10				
7:15	7	12			2	9				
7:30	8	13			5	11				
7:45	7	10	27	45	11	4	21	34	48	79
8:00	14	10			19	3				
8:15	14	10			42	3				
8:30	25	5			49	5				
8:45	33	8	86	33	15	3	125	14	211	47
9:00	20	7			15	3				
9:15	12	6			10	3				
9:30	7	6			14	2				
9:45	4	5	43	24	8	2	47	10	90	34
10:00	9	2			9	5				
10:15	3	3			8	2				
10:30	4	0			6	0				
10:45	9	3	25	8	12	0	35	7	60	15
11:00	7	1			7	0				
11:15	8	4			4	0				
11:30	10	0			4	0				
11:45	10	0	35	5	12	1	27	1	62	6
Totals	249	510			269	447				
Combined Totals		759				716				
ADT										1475
AM Peak Hour	815	AM			800	AM				
Volume	92				125					
P.H.F.	0.697				0.638					
PM Peak Hour		200	PM			300	PM			
Volume		80				88				
P.H.F.		0.714				0.733				
Percentage	32.8%	67.2%			37.6%	62.4%				

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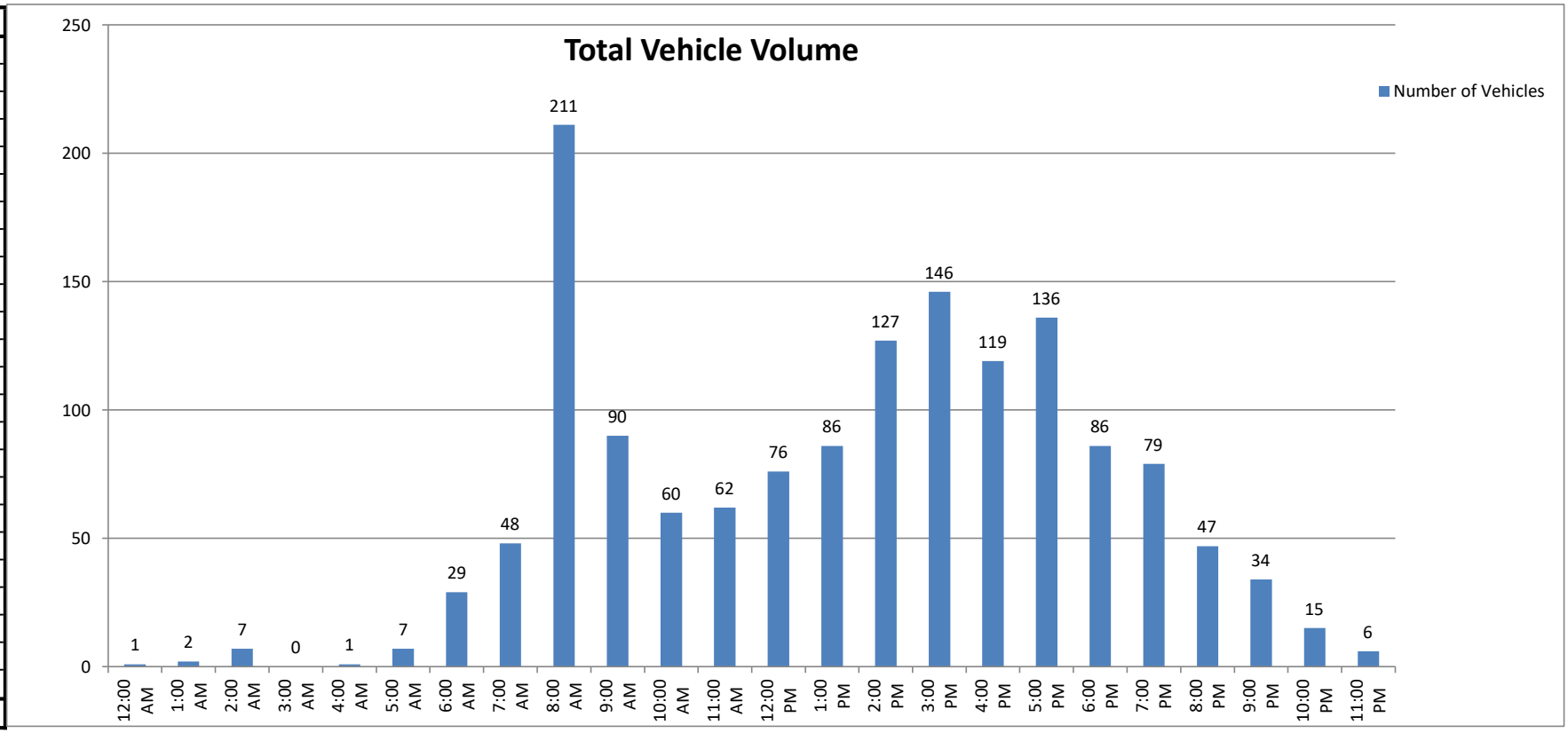
24 Hour Volume Plot

Pusan Way
N/ Cadence

2/8/2023

Start Time	2/8/2023
12:00 AM	1
1:00 AM	2
2:00 AM	7
3:00 AM	0
4:00 AM	1
5:00 AM	7
6:00 AM	29
7:00 AM	48
8:00 AM	211
9:00 AM	90
10:00 AM	60
11:00 AM	62
12:00 PM	76
1:00 PM	86
2:00 PM	127
3:00 PM	146
4:00 PM	119
5:00 PM	136
6:00 PM	86
7:00 PM	79
8:00 PM	47
9:00 PM	34
10:00 PM	15
11:00 PM	6
Total	1475



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Pusan Way
N/ Cadence

File Name 402
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/9/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	3			1	9				
12:15	5	6			0	7				
12:30	1	13			1	12				
12:45	1	12	9	34	0	11	2	39	11	73
1:00	0	5			1	8				
1:15	0	9			0	8				
1:30	0	9			0	8				
1:45	0	12	0	35	0	13	1	37	1	72
2:00	0	11			0	9				
2:15	0	25			0	18				
2:30	0	12			1	7				
2:45	0	7	0	55	1	6	2	40	2	95
3:00	0	15			0	15				
3:15	0	17			0	18				
3:30	0	16			0	25				
3:45	0	17	0	65	0	13	0	71	0	136
4:00	0	18			0	17				
4:15	1	15			1	21				
4:30	1	11			1	12				
4:45	1	16	3	60	2	13	4	63	7	123
5:00	1	22			3	19				
5:15	1	10			0	13				
5:30	1	22			1	19				
5:45	4	15	7	69	1	11	5	62	12	131
6:00	0	20			0	10				
6:15	4	15			3	8				
6:30	11	11			1	6				
6:45	6	12	21	58	4	10	8	34	29	92
7:00	4	15			2	11				
7:15	8	16			3	8				
7:30	6	15			7	7				
7:45	9	12	27	58	10	6	22	32	49	90
8:00	8	9			28	7				
8:15	22	8			39	4				
8:30	34	6			30	5				
8:45	13	7	77	30	20	4	117	20	194	50
9:00	16	9			18	6				
9:15	12	9			16	3				
9:30	6	4			8	3				
9:45	8	1	42	23	6	1	48	13	90	36
10:00	9	6			5	1				
10:15	7	2			7	0				
10:30	8	3			9	2				
10:45	9	1	33	12	17	2	38	5	71	17
11:00	6	3			2	0				
11:15	10	2			7	2				
11:30	6	2			5	0				
11:45	9	3	31	10	7	5	21	7	52	17
Totals	250	509			268	423				
Combined Totals		759				691				
ADT										1450
AM Peak Hour	815	AM			800	AM				
Volume	85				117					
P.H.F.	0.625				0.750					
PM Peak Hour		530	PM			330	PM			
Volume		72				76				
P.H.F.		0.818				0.760				
Percentage	32.9%	67.1%			38.8%	61.2%				

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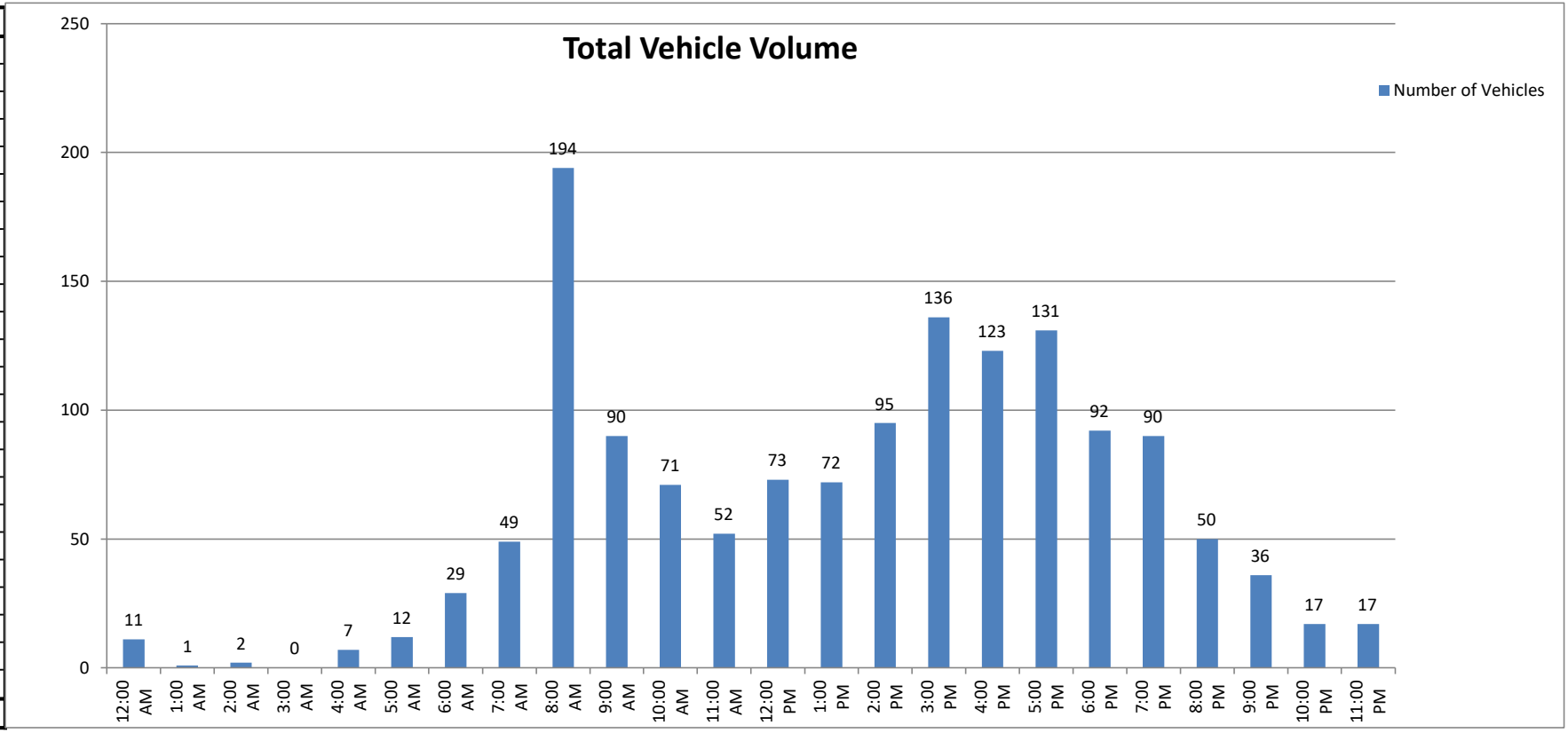
24 Hour Volume Plot

Pusan Way
N/ Cadence

2/9/2023

Start Time	2/9/2023
12:00 AM	11
1:00 AM	1
2:00 AM	2
3:00 AM	0
4:00 AM	7
5:00 AM	12
6:00 AM	29
7:00 AM	49
8:00 AM	194
9:00 AM	90
10:00 AM	71
11:00 AM	52
12:00 PM	73
1:00 PM	72
2:00 PM	95
3:00 PM	136
4:00 PM	123
5:00 PM	131
6:00 PM	92
7:00 PM	90
8:00 PM	50
9:00 PM	36
10:00 PM	17
11:00 PM	17
Total	1450



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Pusan Way
N/ Cadence

File Name 402
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	6			1	10				
12:15	3	9			0	9				
12:30	1	13			1	11				
12:45	1	8	5	36	0	10	1	39	6	75
1:00	1	10			1	9				
1:15	0	9			0	10				
1:30	0	10			0	8				
1:45	1	12	1	40	0	13	1	39	2	79
2:00	0	15			1	11				
2:15	2	27			0	15				
2:30	0	16			1	7				
2:45	1	10	2	68	1	11	3	44	5	111
3:00	0	11			0	15				
3:15	0	16			0	18				
3:30	0	17			0	28				
3:45	0	19	0	62	0	19	0	80	0	141
4:00	0	19			0	14				
4:15	1	16			1	19				
4:30	1	11			1	12				
4:45	1	16	2	62	1	16	2	60	4	121
5:00	1	19			2	17				
5:15	1	15			0	15				
5:30	2	21			1	20				
5:45	3	16	6	70	2	13	4	64	10	134
6:00	1	18			2	13				
6:15	5	9			2	10				
6:30	11	12			2	8				
6:45	5	12	21	50	3	10	8	39	29	89
7:00	5	13			3	11				
7:15	8	14			3	9				
7:30	7	14			6	9				
7:45	8	11	27	52	11	5	22	33	49	85
8:00	11	10			24	5				
8:15	18	9			41	4				
8:30	30	6			40	5				
8:45	23	8	82	32	18	4	121	17	203	49
9:00	18	8			17	5				
9:15	12	8			13	3				
9:30	7	5			11	3				
9:45	6	3	43	24	7	2	48	12	90	35
10:00	9	4			7	3				
10:15	5	3			8	1				
10:30	6	2			8	1				
10:45	9	2	29	10	15	1	37	6	66	16
11:00	7	2			5	0				
11:15	9	3			6	1				
11:30	8	1			5	0				
11:45	10	2	33	8	10	3	24	4	57	12
Totals	250	510			269	435				
Combined Totals		759				704				
ADT										1463
AM Peak Hour	815	AM			800	AM				
Volume	89				121					
P.H.F.	0.750				0.747					
PM Peak Hour		445	PM			300	PM			
Volume		70				80				
P.H.F.		0.833				0.723				
Percentage	32.9%	67.1%			38.2%	61.8%				

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Corona, CA 92878

City of Irvine
Quail Hill Parkway
B/ Knollcrest East - Laguna Canyon Road

File Name 315
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	42			4	62				
12:15	1	62			1	80				
12:30	2	52			5	59				
12:45	1	54	7	210	2	68	12	269	19	479
1:00	0	72			5	63				
1:15	1	62			2	67				
1:30	1	56			0	62				
1:45	2	58	4	248	2	78	9	270	13	518
2:00	0	48			2	100				
2:15	0	44			0	104				
2:30	0	134			0	94				
2:45	2	92	2	318	2	81	4	379	6	697
3:00	1	60			1	90				
3:15	0	68			8	64				
3:30	2	60			1	73				
3:45	1	58	4	246	1	66	11	293	15	539
4:00	2	50			0	112				
4:15	2	68			2	118				
4:30	3	71			2	114				
4:45	7	62	14	251	3	126	7	470	21	721
5:00	6	72			4	162				
5:15	5	84			3	156				
5:30	14	68			2	153				
5:45	20	74	45	298	6	150	15	621	60	919
6:00	23	66			9	132				
6:15	24	63			13	112				
6:30	37	70			7	108				
6:45	41	47	125	246	24	74	53	426	178	672
7:00	49	43			14	74				
7:15	66	31			27	64				
7:30	86	47			66	62				
7:45	95	24	296	145	162	61	269	261	565	406
8:00	160	27			186	46				
8:15	134	27			99	43				
8:30	85	25			80	38				
8:45	82	16	461	95	67	44	432	171	893	266
9:00	60	17			56	40				
9:15	68	15			58	36				
9:30	51	22			31	27				
9:45	59	9	238	63	71	34	216	137	454	200
10:00	55	17			46	22				
10:15	48	8			49	30				
10:30	43	5			47	12				
10:45	45	8	191	38	55	17	197	81	388	119
11:00	47	12			57	16				
11:15	52	3			51	5				
11:30	56	2			65	5				
11:45	53	5	208	22	82	9	255	35	463	57
Totals	1595	2180			1480	3413				
Combined Totals		3775				4893				
ADT										8668
AM Peak Hour	730	AM			745	AM				
Volume	475				527					
P.H.F.	0.742				0.708					
PM Peak Hour		230	PM			500	PM			
Volume		354				621				
P.H.F.		0.660				0.958				
Percentage	42.3%	57.7%			30.2%	69.8%				

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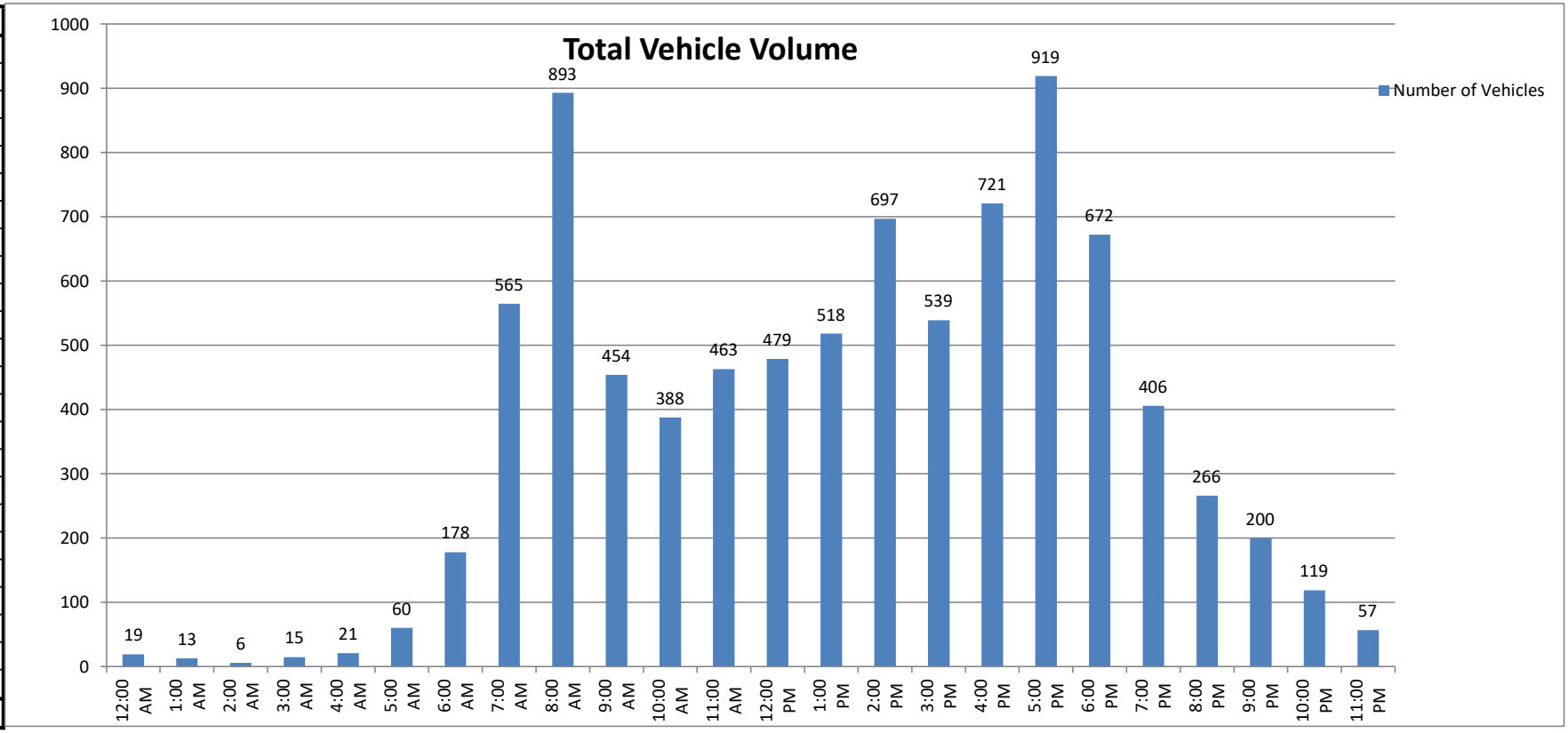
24 Hour Volume Plot

Quail Hill Parkway

B/ Knollcrest East - Laguna Canyon Road

3/19/2024

Start Time	3/19/2024
12:00 AM	19
1:00 AM	13
2:00 AM	6
3:00 AM	15
4:00 AM	21
5:00 AM	60
6:00 AM	178
7:00 AM	565
8:00 AM	893
9:00 AM	454
10:00 AM	388
11:00 AM	463
12:00 PM	479
1:00 PM	518
2:00 PM	697
3:00 PM	539
4:00 PM	721
5:00 PM	919
6:00 PM	672
7:00 PM	406
8:00 PM	266
9:00 PM	200
10:00 PM	119
11:00 PM	57
Total	8668



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Quail Hill Parkway
B/ Knollcrest East - Laguna Canyon Road

File Name 315
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	58			8	80				
12:15	1	50			8	75				
12:30	4	51			4	75				
12:45	4	51	14	210	3	76	23	306	37	516
1:00	1	65			2	104				
1:15	1	65			2	121				
1:30	3	96			3	102				
1:45	0	114	5	340	1	64	8	391	13	731
2:00	1	72			2	74				
2:15	1	64			0	62				
2:30	3	58			1	68				
2:45	0	58	5	252	0	74	3	278	8	530
3:00	1	59			1	96				
3:15	0	50			2	94				
3:30	0	67			0	102				
3:45	3	71	4	247	0	98	3	390	7	637
4:00	2	56			0	105				
4:15	1	51			0	112				
4:30	2	85			5	98				
4:45	2	74	7	266	1	122	6	437	13	703
5:00	5	82			2	150				
5:15	10	72			3	168				
5:30	10	76			1	135				
5:45	16	73	41	303	6	112	12	565	53	868
6:00	20	73			7	130				
6:15	20	76			10	100				
6:30	32	55			7	104				
6:45	40	58	112	262	14	76	38	410	150	672
7:00	48	50			24	72				
7:15	62	46			34	74				
7:30	97	47			41	87				
7:45	82	42	289	185	146	58	245	291	534	476
8:00	172	24			171	49				
8:15	128	30			81	56				
8:30	97	27			66	49				
8:45	89	27	486	108	78	58	396	212	882	320
9:00	72	21			62	44				
9:15	62	24			48	35				
9:30	67	15			46	44				
9:45	59	13	260	73	63	30	219	153	479	226
10:00	52	15			42	22				
10:15	56	8			46	19				
10:30	42	14			53	24				
10:45	48	4	198	41	50	17	191	82	389	123
11:00	35	10			53	10				
11:15	63	5			60	8				
11:30	42	7			60	12				
11:45	43	1	183	23	56	4	229	34	412	57
Totals	1604	2310			1373	3549				
Combined Totals		3914				4922				
ADT										8836
AM Peak Hour	800	AM			745	AM				
Volume	486				464					
P.H.F.	0.706				0.678					
PM Peak Hour		115	PM			445	PM			
Volume		347				575				
P.H.F.		0.761				0.856				
Percentage	41.0%	59.0%			27.9%	72.1%				

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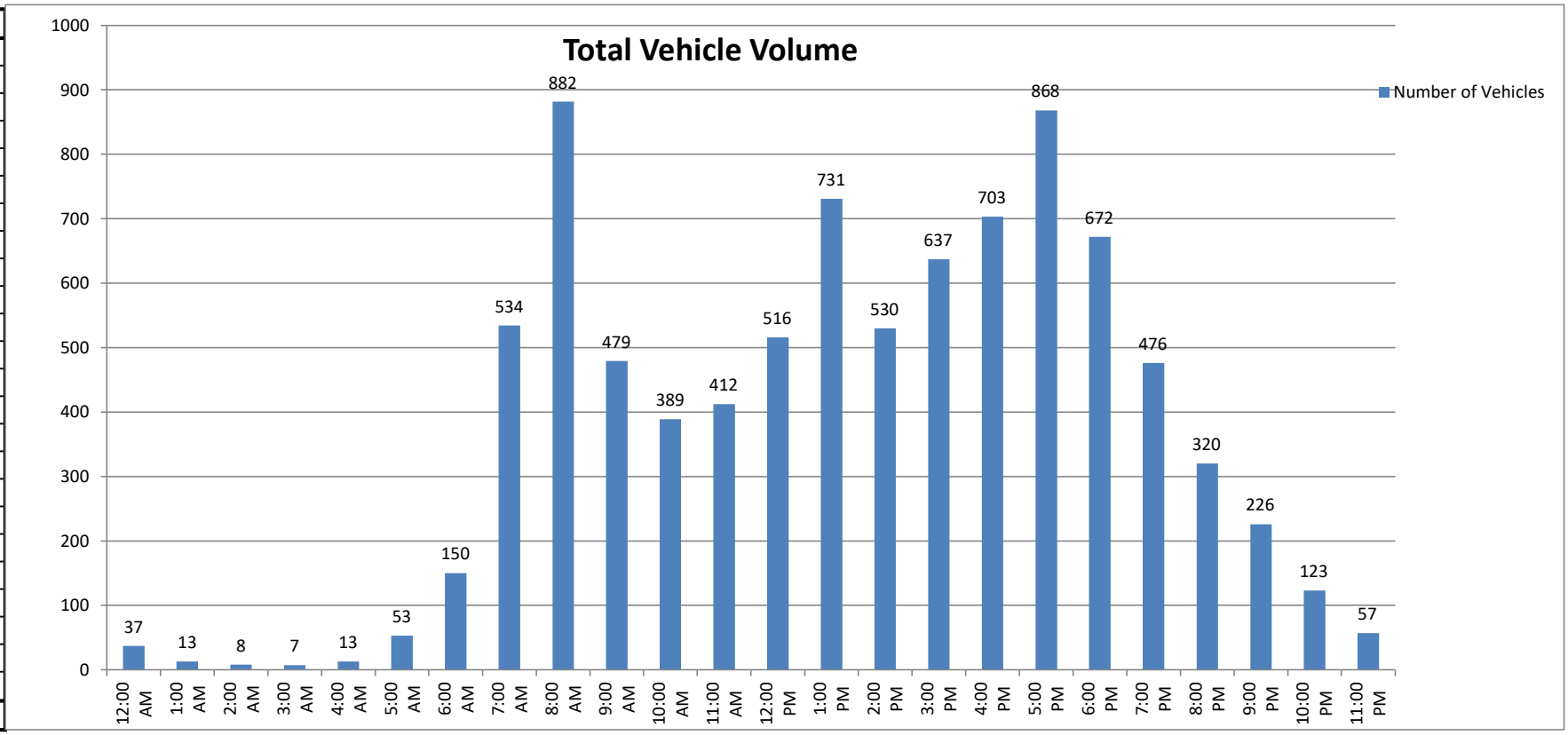
24 Hour Volume Plot

Quail Hill Parkway

B/ Knollcrest East - Laguna Canyon Road

3/20/2024

Start Time	3/20/2024
12:00 AM	37
1:00 AM	13
2:00 AM	8
3:00 AM	7
4:00 AM	13
5:00 AM	53
6:00 AM	150
7:00 AM	534
8:00 AM	882
9:00 AM	479
10:00 AM	389
11:00 AM	412
12:00 PM	516
1:00 PM	731
2:00 PM	530
3:00 PM	637
4:00 PM	703
5:00 PM	868
6:00 PM	672
7:00 PM	476
8:00 PM	320
9:00 PM	226
10:00 PM	123
11:00 PM	57
Total	8836



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Quail Hill Parkway
B/ Knollcrest East - Laguna Canyon Road

File Name 315
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	50			6	71				
12:15	1	56			5	78				
12:30	3	52			5	67				
12:45	3	53	11	210	3	72	18	288	28	498
1:00	1	69			4	84				
1:15	1	64			2	94				
1:30	2	76			2	82				
1:45	1	86	5	294	2	71	9	331	13	625
2:00	1	60			2	87				
2:15	1	54			0	83				
2:30	2	96			1	81				
2:45	1	75	4	285	1	78	4	329	7	614
3:00	1	60			1	93				
3:15	0	59			5	79				
3:30	1	64			1	88				
3:45	2	65	4	247	1	82	7	342	11	588
4:00	2	53			0	109				
4:15	2	60			1	115				
4:30	3	78			4	106				
4:45	5	68	11	259	2	124	7	454	17	712
5:00	6	77			3	156				
5:15	8	78			3	162				
5:30	12	72			2	144				
5:45	18	74	43	301	6	131	14	593	57	894
6:00	22	70			8	131				
6:15	22	70			12	106				
6:30	35	63			7	106				
6:45	41	53	119	254	19	75	46	418	164	672
7:00	49	47			19	73				
7:15	64	39			31	69				
7:30	92	47			54	75				
7:45	89	33	293	165	154	60	257	276	550	441
8:00	166	26			179	48				
8:15	131	29			90	50				
8:30	91	26			73	44				
8:45	86	22	474	102	73	51	414	192	888	293
9:00	66	19			59	42				
9:15	65	20			53	36				
9:30	59	19			39	36				
9:45	59	11	249	68	67	32	218	145	467	213
10:00	54	16			44	22				
10:15	52	8			48	25				
10:30	43	10			50	18				
10:45	47	6	195	40	53	17	194	82	389	121
11:00	41	11			55	13				
11:15	58	4			56	7				
11:30	49	5			63	9				
11:45	48	3	196	23	69	7	242	35	438	57
Totals	1600	2245			1427	3481				
Combined Totals		3845				4908				
ADT										8752
AM Peak Hour	730	AM			745	AM				
Volume	477				496					
P.H.F.	0.718				0.694					
PM Peak Hour		430	PM			500	PM			
Volume		301				593				
P.H.F.		0.965				0.915				
Percentage	41.6%	58.4%			29.1%	70.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Quail Hill Parkway
B/ Shady Canyon Drive - Knollcrest West

File Name 314
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	146			3	71				
12:15	7	171			4	72				
12:30	5	142			3	84				
12:45	5	142	26	601	1	74	11	301	37	902
1:00	3	130			2	56				
1:15	4	130			1	92				
1:30	1	129			0	74				
1:45	0	128	8	517	0	72	3	294	11	811
2:00	2	146			4	93				
2:15	2	176			0	78				
2:30	3	169			1	103				
2:45	5	131	12	622	0	129	5	403	17	1025
3:00	6	160			1	82				
3:15	4	145			9	92				
3:30	0	139			4	102				
3:45	3	176	13	620	3	84	17	360	30	980
4:00	1	154			3	80				
4:15	4	153			4	90				
4:30	2	144			5	74				
4:45	3	164	10	615	16	72	28	316	38	931
5:00	12	192			12	88				
5:15	22	187			12	88				
5:30	15	190			16	88				
5:45	24	176	73	745	32	84	72	348	145	1093
6:00	22	186			16	96				
6:15	28	187			37	75				
6:30	34	158			50	76				
6:45	42	132	126	663	52	60	155	307	281	970
7:00	54	116			62	56				
7:15	76	126			92	56				
7:30	78	130			134	44				
7:45	94	107	302	479	170	38	458	194	760	673
8:00	94	86			244	18				
8:15	110	97			166	32				
8:30	118	85			170	23				
8:45	106	84	428	352	106	34	686	107	1114	459
9:00	98	78			73	32				
9:15	115	75			96	16				
9:30	90	60			78	28				
9:45	126	54	429	267	80	10	327	86	756	353
10:00	88	42			79	4				
10:15	91	47			64	10				
10:30	114	36			66	14				
10:45	110	24	403	149	66	12	275	40	678	189
11:00	96	39			50	12				
11:15	122	18			58	12				
11:30	140	15			56	7				
11:45	174	15	532	87	67	7	231	38	763	125
Totals	2362	5717			2268	2794				
Combined Totals		8079				5062				
ADT										13141
AM Peak Hour	1100	AM			745	AM				
Volume	532				750					
P.H.F.	0.764				0.768					
PM Peak Hour		500	PM			230	PM			
Volume		745				406				
P.H.F.		0.970				0.787				
Percentage	29.2%	70.8%			44.8%	55.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

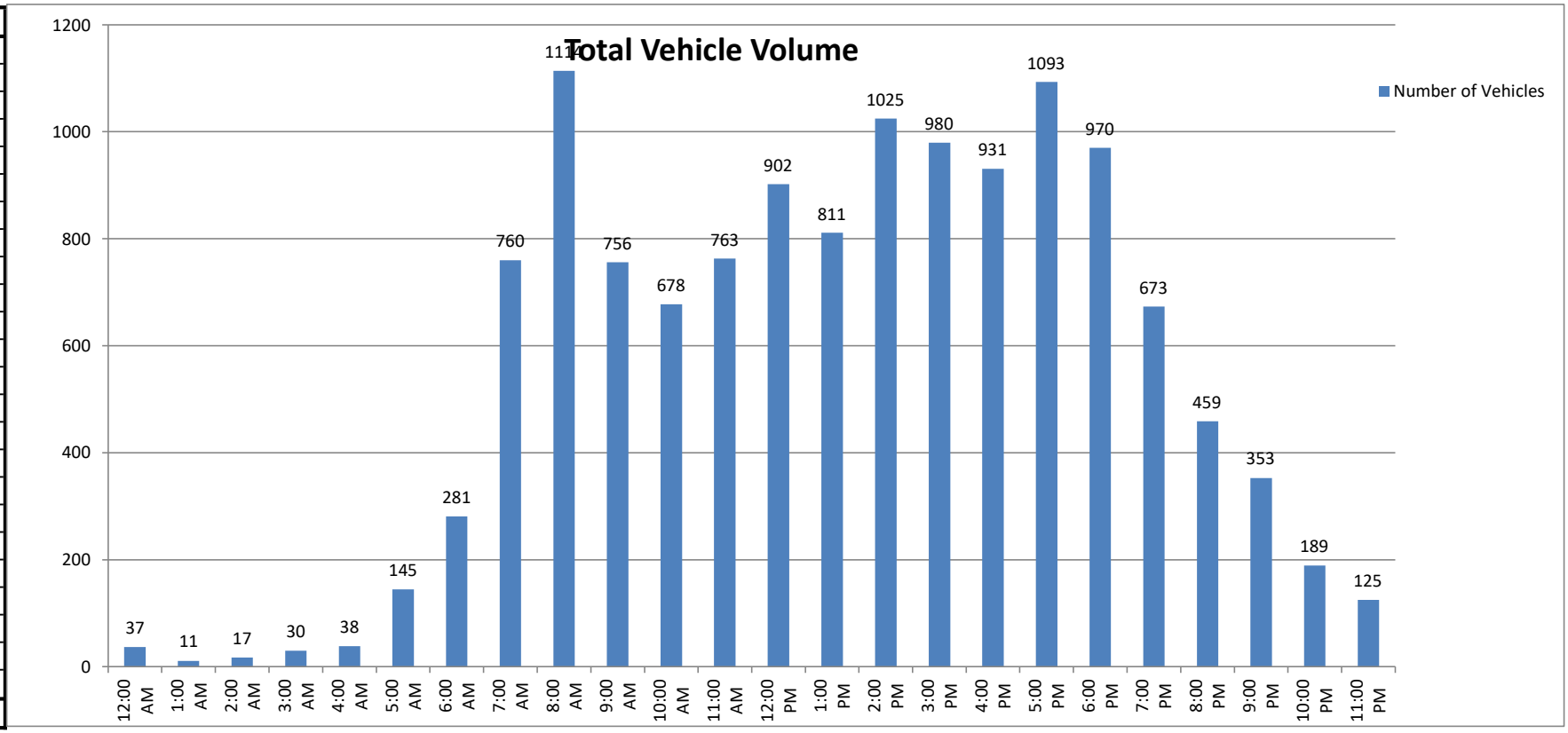
24 Hour Volume Plot

Quail Hill Parkway

B/ Shady Canyon Drive - Knollcrest West

3/19/2024

Start Time	3/19/2024
12:00 AM	37
1:00 AM	11
2:00 AM	17
3:00 AM	30
4:00 AM	38
5:00 AM	145
6:00 AM	281
7:00 AM	760
8:00 AM	1114
9:00 AM	756
10:00 AM	678
11:00 AM	763
12:00 PM	902
1:00 PM	811
2:00 PM	1025
3:00 PM	980
4:00 PM	931
5:00 PM	1093
6:00 PM	970
7:00 PM	673
8:00 PM	459
9:00 PM	353
10:00 PM	189
11:00 PM	125
Total	13141



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Quail Hill Parkway
B/ Shady Canyon Drive - Knollcrest West

File Name 314
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	177			4	52				
12:15	11	132			2	53				
12:30	10	156			3	64				
12:45	9	138	41	603	1	66	10	235	51	838
1:00	3	166			2	62				
1:15	5	148			2	63				
1:30	8	146			0	98				
1:45	4	168	20	628	0	102	4	325	24	953
2:00	3	134			0	67				
2:15	6	158			0	62				
2:30	4	170			4	68				
2:45	3	114	16	576	0	76	4	273	20	849
3:00	2	144			0	78				
3:15	1	150			0	74				
3:30	0	148			0	84				
3:45	4	166	7	608	0	92	0	328	7	936
4:00	5	160			0	98				
4:15	4	182			5	76				
4:30	4	146			8	66				
4:45	3	147	16	635	8	90	21	330	37	965
5:00	2	170			9	89				
5:15	10	174			6	102				
5:30	24	172			16	100				
5:45	23	174	59	690	24	80	55	371	114	1061
6:00	26	203			14	58				
6:15	28	201			40	70				
6:30	48	188			15	70				
6:45	54	134	156	726	42	66	111	264	267	990
7:00	58	152			59	54				
7:15	68	118			75	46				
7:30	74	124			104	24				
7:45	94	117	294	511	154	52	392	176	686	687
8:00	115	106			234	52				
8:15	118	87			170	42				
8:30	148	103			106	24				
8:45	105	100	486	396	112	8	622	126	1108	522
9:00	92	74			84	30				
9:15	96	73			55	15				
9:30	112	54			86	25				
9:45	100	70	400	271	74	21	299	91	699	362
10:00	84	40			72	12				
10:15	82	44			60	15				
10:30	92	40			64	14				
10:45	110	31	368	155	70	14	266	55	634	210
11:00	106	25			54	5				
11:15	123	17			61	0				
11:30	152	18			56	2				
11:45	120	19	501	79	66	1	237	8	738	87
Totals	2364	5878			2021	2582				
Combined Totals		8242				4603				
ADT										12845
AM Peak Hour	1100	AM			745	AM				
Volume	501				664					
P.H.F.	0.824				0.709					
PM Peak Hour		545	PM			445	PM			
Volume		766				381				
P.H.F.		0.943				0.934				
Percentage	28.7%	71.3%			43.9%	56.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

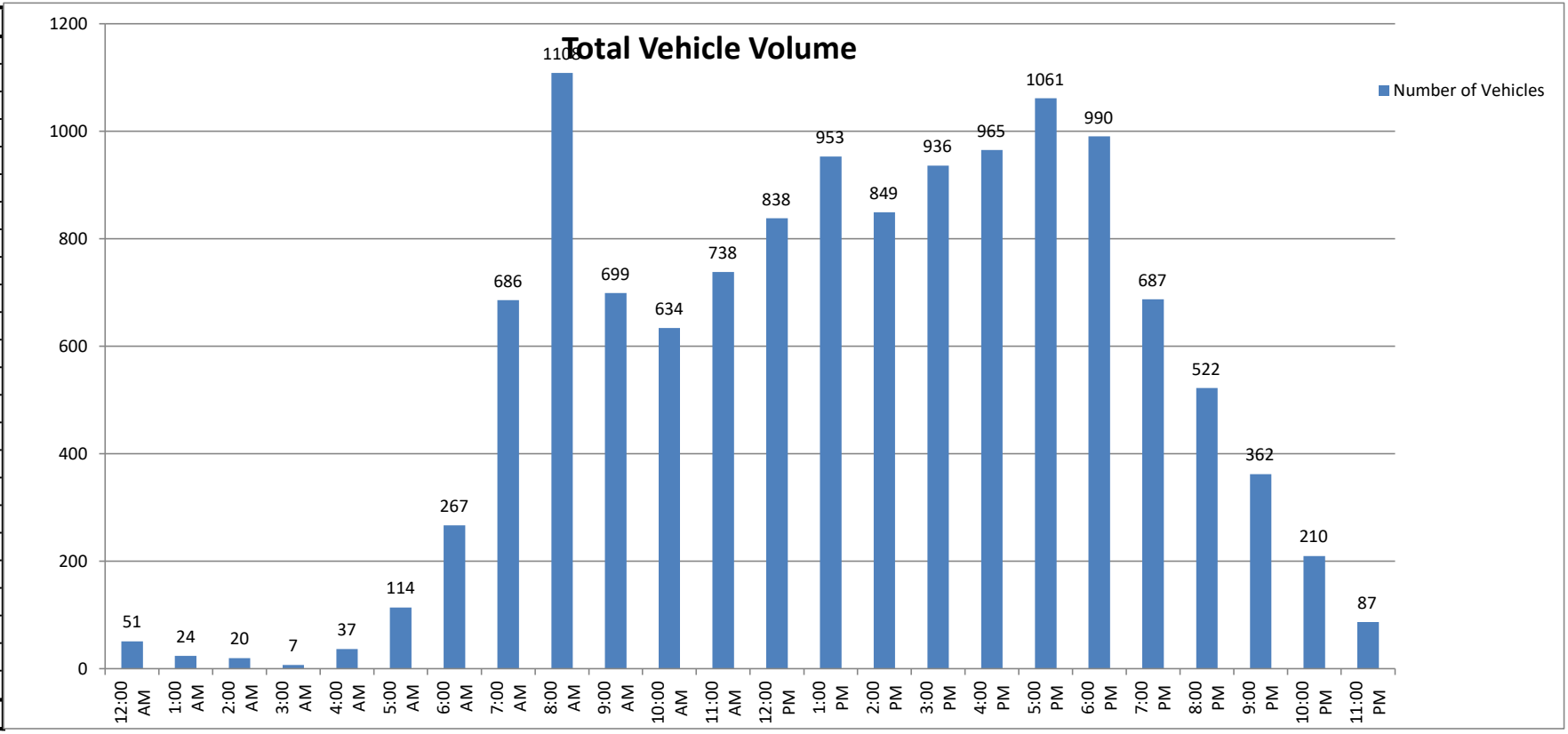
24 Hour Volume Plot

Quail Hill Parkway

B/ Shady Canyon Drive - Knollcrest West

3/20/2024

Start Time	3/20/2024
12:00 AM	51
1:00 AM	24
2:00 AM	20
3:00 AM	7
4:00 AM	37
5:00 AM	114
6:00 AM	267
7:00 AM	686
8:00 AM	1108
9:00 AM	699
10:00 AM	634
11:00 AM	738
12:00 PM	838
1:00 PM	953
2:00 PM	849
3:00 PM	936
4:00 PM	965
5:00 PM	1061
6:00 PM	990
7:00 PM	687
8:00 PM	522
9:00 PM	362
10:00 PM	210
11:00 PM	87
Total	12845



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Quail Hill Parkway
B/ Shady Canyon Drive - Knollcrest West

File Name 314
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	162			4	62				
12:15	9	152			3	63				
12:30	8	149			3	74				
12:45	7	140	34	602	1	70	11	268	44	870
1:00	3	148			2	59				
1:15	5	139			2	78				
1:30	5	138			0	86				
1:45	2	148	14	573	0	87	4	310	18	882
2:00	3	140			2	80				
2:15	4	167			0	70				
2:30	4	170			3	86				
2:45	4	123	14	599	0	103	5	338	19	937
3:00	4	152			1	80				
3:15	3	148			5	83				
3:30	0	144			2	93				
3:45	4	171	10	614	2	88	9	344	19	958
4:00	3	157			2	89				
4:15	4	168			5	83				
4:30	3	145			7	70				
4:45	3	156	13	625	12	81	25	323	38	948
5:00	7	181			11	89				
5:15	16	181			9	95				
5:30	20	181			16	94				
5:45	24	175	66	718	28	82	64	360	130	1077
6:00	24	195			15	77				
6:15	28	194			39	73				
6:30	41	173			33	73				
6:45	48	133	141	695	47	63	133	286	274	980
7:00	56	134			61	55				
7:15	72	122			84	51				
7:30	76	127			119	34				
7:45	94	112	298	495	162	45	425	185	723	680
8:00	105	96			239	35				
8:15	114	92			168	37				
8:30	133	94			138	24				
8:45	106	92	457	374	109	21	654	117	1111	491
9:00	95	76			79	31				
9:15	106	74			76	16				
9:30	101	57			82	27				
9:45	113	62	415	269	77	16	313	89	728	358
10:00	86	41			76	8				
10:15	87	46			62	13				
10:30	103	38			65	14				
10:45	110	28	386	152	68	13	271	48	656	200
11:00	101	32			52	9				
11:15	123	18			60	6				
11:30	146	17			56	5				
11:45	147	17	517	83	67	4	234	23	751	106
Totals	2363	5798			2145	2688				
Combined Totals		8161				4833				
ADT										12993
AM Peak Hour	1100	AM			745	AM				
Volume	517				707					
P.H.F.	0.878				0.740					
PM Peak Hour		530	PM			500	PM			
Volume		745				360				
P.H.F.		0.957				0.946				
Percentage	29.0%	71.0%			44.4%	55.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Rancho Parkway South
W/ Bake Parkway
24 Hour Directional Volume Count

LKF130
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	69			6	59				
12:15		2	51			4	**74**				
12:30		2	72			3	**53**				
12:45		0	63	7	255	3	**81**	16	267	23	522
01:00		1	50			2	**70**				
01:15		0	56			6	64				
01:30		3	54			0	52				
01:45		0	54	4	214	1	62	9	248	13	462
02:00		0	56			1	44				
02:15		5	66			4	69				
02:30		3	50			3	76				
02:45		1	54	9	226	2	57	10	246	19	472
03:00		0	66			1	53				
03:15		0	56			2	49				
03:30		2	65			2	69				
03:45		4	61	6	248	2	57	7	228	13	476
04:00		6	91			3	54				
04:15		1	77			2	68				
04:30		1	73			3	56				
04:45		6	69	14	310	9	64	17	242	31	552
05:00		7	**83**			5	57				
05:15		9	**78**			14	59				
05:30		16	**87**			9	62				
05:45		14	**70**	46	318	6	58	34	236	80	554
06:00		16	55			20	56				
06:15		23	55			24	48				
06:30		26	36			21	46				
06:45		27	33	92	179	42	54	107	204	199	383
07:00		44	42			31	35				
07:15		50	32			56	35				
07:30		**61**	19			65	41				
07:45		**92**	26	247	119	**104**	35	256	146	503	265
08:00		**65**	27			**97**	28				
08:15		**68**	20			**102**	18				
08:30		45	18			**111**	33				
08:45		62	20	240	85	103	32	413	111	653	196
09:00		42	34			76	19				
09:15		37	18			47	25				
09:30		37	6			69	28				
09:45		45	10	161	68	61	16	253	88	414	156
10:00		35	12			29	11				
10:15		42	10			40	15				
10:30		25	9			49	6				
10:45		36	3	138	34	34	10	152	42	290	76
11:00		35	3			40	9				
11:15		47	4			41	5				
11:30		51	5			38	7				
11:45		41	5	174	17	48	5	167	26	341	43
Total		1138	2073	1138	2073	1441	2084	1441	2084	2579	4157
Combined Total		3211		3211		3525		3525		6736	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	286	-	-	-	414	-	-	-	-	-
P.H.F.		0.777				0.932					
PM Peak	-	-	05:00	-	-	-	00:15	-	-	-	-
Vol.	-	-	318	-	-	-	278	-	-	-	-
P.H.F.			0.914				0.858				
Percentage		35.4%	64.6%			40.9%	59.1%				
ADT/AADT		ADT 6,736		AADT 6,736							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Rancho Parkway
E/ Lake Forest Drive
24 Hour Directional Volume Count

LKF128
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		12	125			2	135				
12:15		4	125			4	116				
12:30		12	140			5	130				
12:45		3	137	31	527	2	107	13	488	44	1015
01:00		2	126			6	104				
01:15		11	149			3	95				
01:30		3	143			4	81				
01:45		2	131	18	549	1	109	14	389	32	938
02:00		9	125			5	106				
02:15		6	151			2	95				
02:30		2	125			4	121				
02:45		3	144	20	545	1	120	12	442	32	987
03:00		7	144			4	86				
03:15		6	187			5	101				
03:30		6	185			3	132				
03:45		8	177	27	693	6	137	18	456	45	1149
04:00		11	205			7	118				
04:15		5	171			10	137				
04:30		21	219			11	123				
04:45		21	186	58	781	22	**142**	50	520	108	1301
05:00		29	**261**			15	**137**				
05:15		30	**255**			19	**164**				
05:30		46	**260**			34	**173**				
05:45		69	**225**	174	1001	36	132	104	606	278	1607
06:00		33	205			40	122				
06:15		41	177			64	94				
06:30		61	170			66	122				
06:45		60	174	195	726	88	100	258	438	453	1164
07:00		90	140			70	80				
07:15		73	144			117	75				
07:30		107	120			107	104				
07:45		**143**	96	413	500	**155**	81	449	340	862	840
08:00		**128**	99			**157**	54				
08:15		**115**	80			**157**	64				
08:30		**121**	70			**166**	46				
08:45		117	59	481	308	146	48	626	212	1107	520
09:00		107	67			106	41				
09:15		87	73			121	56				
09:30		73	57			116	38				
09:45		100	58	367	255	114	41	457	176	824	431
10:00		81	51			93	51				
10:15		101	27			89	48				
10:30		104	35			86	26				
10:45		102	24	388	137	98	20	366	145	754	282
11:00		94	23			99	16				
11:15		106	20			86	18				
11:30		104	15			102	12				
11:45		125	10	429	68	115	5	402	51	831	119
Total		2601	6090	2601	6090	2769	4263	2769	4263	5370	10353
Combined Total		8691		8691		7032		7032		15723	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	507	-	-	-	635	-	-	-	-	-
P.H.F.		0.886				0.956					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	1001	-	-	-	616	-	-	-	-
P.H.F.			0.959				0.890				
Percentage		29.9%	70.1%			39.4%	60.6%				
ADT/AADT		ADT 15,723		AADT 15,723							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Rancho Parkway
W/ Lake Forest Drive
24 Hour Directional Volume Count

LKF129
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	97			3	139				
12:15		5	88			3	125				
12:30		3	114			4	146				
12:45		3	119	20	418	1	107	11	517	31	935
01:00		0	110			2	108				
01:15		11	118			5	109				
01:30		2	109			3	101				
01:45		1	97	14	434	1	104	11	422	25	856
02:00		6	99			4	110				
02:15		5	121			4	93				
02:30		2	95			4	118				
02:45		4	104	17	419	0	104	12	425	29	844
03:00		4	100			3	97				
03:15		5	144			5	96				
03:30		3	142			3	119				
03:45		5	145	17	531	9	130	20	442	37	973
04:00		6	148			5	117				
04:15		3	125			6	118				
04:30		14	176			12	127				
04:45		16	146	39	595	30	**134**	53	496	92	1091
05:00		19	**187**			21	**129**				
05:15		21	**179**			26	**156**				
05:30		29	**179**			33	**147**				
05:45		39	**153**	108	698	30	124	110	556	218	1254
06:00		29	143			52	109				
06:15		34	127			50	92				
06:30		53	135			68	111				
06:45		38	134	154	539	97	98	267	410	421	949
07:00		61	108			76	81				
07:15		62	116			90	87				
07:30		84	96			95	95				
07:45		**112**	78	319	398	134	113	395	376	714	774
08:00		**89**	81			117	53				
08:15		**74**	63			**147**	63				
08:30		**86**	56			**154**	50				
08:45		78	63	327	263	**136**	49	554	215	881	478
09:00		89	65			**138**	41				
09:15		70	56			106	59				
09:30		60	49			137	37				
09:45		71	50	290	220	109	32	490	169	780	389
10:00		65	50			106	40				
10:15		70	24			88	41				
10:30		70	30			95	19				
10:45		68	16	273	120	84	13	373	113	646	233
11:00		82	23			100	14				
11:15		85	15			107	6				
11:30		84	16			98	6				
11:45		90	10	341	64	124	6	429	32	770	96
Total		1919	4699	1919	4699	2725	4173	2725	4173	4644	8872
Combined Total		6618		6618		6898		6898		13516	
AM Peak	-	07:45	-	-	-	08:15	-	-	-	-	-
Vol.	-	361	-	-	-	575	-	-	-	-	-
P.H.F.		0.806				0.933					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	698	-	-	-	566	-	-	-	-
P.H.F.			0.933				0.907				
Percentage		29.0%	71.0%			39.5%	60.5%				
ADT/AADT		ADT 13,516		AADT 13,516							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Research Drive
W (N)/ Bake Parkway
24 Hour Directional Volume Count

IRV131
Site Code: 051-24139

Start Time	5/8/2024 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	114			1	109				
12:15		4	121			2	96				
12:30		4	108			5	97				
12:45		4	108	12	451	6	94	14	396	26	847
01:00		0	99			4	92				
01:15		0	117			1	82				
01:30		0	92			0	101				
01:45		6	76	6	384	0	82	5	357	11	741
02:00		1	86			2	80				
02:15		4	109			0	90				
02:30		1	84			1	76				
02:45		2	105	8	384	3	74	6	320	14	704
03:00		2	79			2	82				
03:15		2	106			1	92				
03:30		0	77			0	88				
03:45		2	80	6	342	2	74	5	336	11	678
04:00		2	94			0	108				
04:15		3	96			2	96				
04:30		14	110			8	106				
04:45		15	111	34	411	5	**106**	15	416	49	827
05:00		16	**122**			4	**132**				
05:15		9	**126**			8	**104**				
05:30		18	**113**			4	**112**				
05:45		36	**114**	79	475	24	94	40	442	119	917
06:00		34	97			12	112				
06:15		28	78			8	78				
06:30		31	76			22	87				
06:45		70	63	163	314	30	61	72	338	235	652
07:00		74	56			26	66				
07:15		89	72			52	52				
07:30		82	55			35	68				
07:45		118	47	363	230	48	44	161	230	524	460
08:00		128	52			45	40				
08:15		**136**	44			60	46				
08:30		**166**	33			58	34				
08:45		**156**	39	586	168	53	21	216	141	802	309
09:00		**150**	28			56	21				
09:15		134	25			47	34				
09:30		105	16			50	26				
09:45		86	24	475	93	52	17	205	98	680	191
10:00		104	12			46	19				
10:15		98	13			54	20				
10:30		96	9			72	12				
10:45		116	7	414	41	63	15	235	66	649	107
11:00		100	8			**80**	14				
11:15		122	8			**70**	6				
11:30		102	8			**67**	3				
11:45		138	2	462	26	**84**	3	301	26	763	52
Total		2608	3319	2608	3319	1275	3166	1275	3166	3883	6485
Combined Total		5927		5927		4441		4441		10368	
AM Peak	-	08:15	-	-	-	11:00	-	-	-	-	-
Vol.	-	608	-	-	-	301	-	-	-	-	-
P.H.F.		0.916				0.896					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	475	-	-	-	454	-	-	-	-
P.H.F.			0.942				0.860				
Percentage		44.0%	56.0%			28.7%	71.3%				
ADT/AADT		ADT 10,368		AADT 10,368							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Ridge Route Drive
N/ Jeronimo Road
24 Hour Directional Volume Count

LKF133
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	38			5	41				
12:15		2	41			2	38				
12:30		4	34			1	32				
12:45		2	40	10	153	0	51	8	162	18	315
01:00		0	40			3	30				
01:15		6	46			2	66				
01:30		3	47			1	54				
01:45		1	54	10	187	0	56	6	206	16	393
02:00		1	58			1	49				
02:15		0	57			1	52				
02:30		0	76			3	**97**				
02:45		1	**94**	2	285	0	**108**	5	306	7	591
03:00		0	**175**			3	**120**				
03:15		2	**103**			1	**53**				
03:30		0	**86**			2	59				
03:45		0	87	2	451	1	108	7	340	9	791
04:00		0	78			2	69				
04:15		0	83			1	74				
04:30		0	86			8	45				
04:45		3	69	3	316	6	66	17	254	20	570
05:00		3	76			6	55				
05:15		1	85			4	49				
05:30		1	73			6	42				
05:45		7	81	12	315	7	51	23	197	35	512
06:00		2	69			15	35				
06:15		4	55			11	33				
06:30		9	51			25	32				
06:45		13	50	28	225	25	46	76	146	104	371
07:00		39	34			57	31				
07:15		60	45			73	28				
07:30		51	38			**97**	16				
07:45		**67**	33	217	150	**126**	23	353	98	570	248
08:00		**164**	34			**211**	22				
08:15		**163**	41			**141**	26				
08:30		**52**	21			75	9				
08:45		20	19	399	115	48	9	475	66	874	181
09:00		26	21			47	17				
09:15		26	23			30	18				
09:30		19	24			44	10				
09:45		22	19	93	87	24	12	145	57	238	144
10:00		31	21			27	5				
10:15		30	10			36	2				
10:30		22	12			29	5				
10:45		30	5	113	48	32	5	124	17	237	65
11:00		27	5			35	4				
11:15		33	15			44	6				
11:30		37	3			32	1				
11:45		36	1	133	24	39	2	150	13	283	37
Total		1022	2356	1022	2356	1389	1862	1389	1862	2411	4218
Combined Total		3378		3378		3251		3251		6629	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	446	-	-	-	575	-	-	-	-	-
P.H.F.		0.680				0.681					
PM Peak	-	-	02:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	458	-	-	-	378	-	-	-	-
P.H.F.			0.654				0.788				
Percentage		30.3%	69.7%			42.7%	57.3%				
ADT/AADT		ADT 6,629		AADT 6,629							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Ridge Route Drive
S/ Jeronimo Road
24 Hour Directional Volume Count

LKF134
Site Code: 051-24139

Start Time	2/15/2024 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	34			3	43				
12:15		2	57			2	40				
12:30		4	45			0	42				
12:45		0	50	8	186	1	42	6	167	14	353
01:00		1	53			2	36				
01:15		5	45			4	66				
01:30		3	48			2	63				
01:45		1	58	10	204	1	39	9	204	19	408
02:00		1	66			1	48				
02:15		0	69			1	50				
02:30		0	66			3	**105**				
02:45		1	**126**	2	327	0	**105**	5	308	7	635
03:00		0	**167**			2	**125**				
03:15		2	**110**			0	**70**				
03:30		0	**77**			0	54				
03:45		0	97	2	451	1	94	3	343	5	794
04:00		0	94			1	62				
04:15		0	76			2	67				
04:30		1	90			4	55				
04:45		5	89	6	349	2	61	9	245	15	594
05:00		2	67			6	49				
05:15		2	87			1	64				
05:30		0	73			4	51				
05:45		6	73	10	300	5	56	16	220	26	520
06:00		2	66			11	42				
06:15		4	50			9	36				
06:30		7	51			19	33				
06:45		16	47	29	214	19	52	58	163	87	377
07:00		22	43			35	32				
07:15		59	30			57	31				
07:30		42	33			61	23				
07:45		**94**	33	217	139	**102**	22	255	108	472	247
08:00		**175**	29			**185**	16				
08:15		**158**	36			**168**	22				
08:30		**75**	24			**72**	13				
08:45		28	18	436	107	54	12	479	63	915	170
09:00		34	16			51	19				
09:15		25	21			29	14				
09:30		24	24			44	7				
09:45		27	20	110	81	31	12	155	52	265	133
10:00		36	26			30	8				
10:15		43	18			34	5				
10:30		17	10			33	5				
10:45		29	7	125	61	41	7	138	25	263	86
11:00		24	8			44	5				
11:15		31	15			43	7				
11:30		47	4			37	2				
11:45		40	2	142	29	44	4	168	18	310	47
Total		1097	2448	1097	2448	1301	1916	1301	1916	2398	4364
Combined Total		3545		3545		3217		3217		6762	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	502	-	-	-	527	-	-	-	-	-
P.H.F.		0.717				0.712					
PM Peak	-	-	02:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	480	-	-	-	405	-	-	-	-
P.H.F.			0.719				0.810				
Percentage		30.9%	69.1%			40.4%	59.6%				
ADT/AADT		ADT 6,762		AADT 6,762							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Ridge Route Drive
S/ Muirlands Boulevard
24 Hour Directional Volume Count

LKF135
Site Code: 051-24139

Start Time	2/15/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	61			5	53				
12:15		10	67			6	53				
12:30		10	62			3	58				
12:45		1	66	30	256	1	48	15	212	45	468
01:00		2	66			2	59				
01:15		5	80			4	63				
01:30		4	68			4	54				
01:45		3	57	14	271	0	49	10	225	24	496
02:00		2	73			1	40				
02:15		2	85			1	59				
02:30		3	101			3	**75**				
02:45		6	77	13	336	2	**69**	7	243	20	579
03:00		2	78			0	**96**				
03:15		7	79			4	**71**				
03:30		2	87			0	64				
03:45		0	**107**	11	351	1	80	5	311	16	662
04:00		0	**101**			1	48				
04:15		4	**98**			3	68				
04:30		1	**117**			3	57				
04:45		3	102	8	418	3	74	10	247	18	665
05:00		5	92			1	51				
05:15		6	105			7	60				
05:30		4	87			8	63				
05:45		10	83	25	367	8	48	24	222	49	589
06:00		11	87			20	53				
06:15		16	51			14	52				
06:30		18	78			24	41				
06:45		31	47	76	263	26	43	84	189	160	452
07:00		27	63			38	42				
07:15		53	43			41	34				
07:30		45	45			57	38				
07:45		**86**	41	211	192	**66**	40	202	154	413	346
08:00		**110**	43			**107**	26				
08:15		**72**	38			**115**	28				
08:30		**60**	39			**83**	17				
08:45		48	33	290	153	48	17	353	88	643	241
09:00		40	26			60	14				
09:15		52	32			36	24				
09:30		44	25			47	17				
09:45		31	30	167	113	43	29	186	84	353	197
10:00		40	18			31	10				
10:15		50	19			46	7				
10:30		44	15			45	12				
10:45		38	15	172	67	40	7	162	36	334	103
11:00		49	8			51	10				
11:15		59	12			30	6				
11:30		52	3			39	4				
11:45		58	10	218	33	49	6	169	26	387	59
Total		1235	2820	1235	2820	1227	2037	1227	2037	2462	4857
Combined Total		4055		4055		3264		3264		7319	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	328	-	-	-	371	-	-	-	-	-
P.H.F.		0.745				0.807					
PM Peak	-	-	03:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	423	-	-	-	311	-	-	-	-
P.H.F.			0.904				0.810				
Percentage		30.5%	69.5%			37.6%	62.4%				
ADT/AADT		ADT 7,319		AADT 7,319							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Ridge Route Drive
S/ Trabuco Road
24 Hour Directional Volume Count

LKF132
Site Code: 051-24139

Start Time	2/13/24 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	29			3	28				
12:15		3	43			3	29				
12:30		4	39			2	22				
12:45		1	49	11	160	1	28	9	107	20	267
01:00		1	31			1	34				
01:15		1	146			1	30				
01:30		0	43			0	49				
01:45		2	46	4	266	0	66	2	179	6	445
02:00		2	43			1	45				
02:15		0	44			0	**62**				
02:30		0	90			1	**73**				
02:45		0	111	2	288	0	**84**	2	264	4	552
03:00		0	**169**			2	**68**				
03:15		2	**89**			0	45				
03:30		0	**72**			0	70				
03:45		0	**141**	2	471	0	73	2	256	4	727
04:00		0	95			0	52				
04:15		1	82			0	51				
04:30		1	106			2	43				
04:45		2	93	4	376	2	54	4	200	8	576
05:00		1	80			2	63				
05:15		2	69			1	39				
05:30		5	82			2	49				
05:45		6	53	14	284	0	38	5	189	19	473
06:00		8	63			2	35				
06:15		5	48			4	30				
06:30		5	41			10	35				
06:45		20	56	38	208	8	28	24	128	62	336
07:00		31	41			36	30				
07:15		58	30			**122**	26				
07:30		83	29			**74**	18				
07:45		**45**	25	217	125	**100**	22	332	96	549	221
08:00		**113**	32			**155**	17				
08:15		**184**	35			119	14				
08:30		**84**	26			34	12				
08:45		27	12	408	105	23	18	331	61	739	166
09:00		27	15			24	14				
09:15		22	19			21	12				
09:30		21	18			20	9				
09:45		24	11	94	63	16	8	81	43	175	106
10:00		30	14			26	14				
10:15		23	9			22	5				
10:30		29	5			27	7				
10:45		23	5	105	33	16	5	91	31	196	64
11:00		20	1			35	2				
11:15		26	13			26	4				
11:30		38	5			19	3				
11:45		31	0	115	19	23	4	103	13	218	32
Total		1014	2398	1014	2398	986	1567	986	1567	2000	3965
Combined Total		3412		3412		2553		2553		5965	
AM Peak	-	07:45	-	-	-	07:15	-	-	-	-	-
Vol.	-	426	-	-	-	451	-	-	-	-	-
P.H.F.		0.579				0.727					
PM Peak	-	-	03:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	471	-	-	-	287	-	-	-	-
P.H.F.			0.697				0.854				
Percentage		29.7%	70.3%			38.6%	61.4%				
ADT/AADT		ADT 5,965		AADT 5,965							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Ridge Route Drive
W/ Avenida De La Carlota
24 Hour Directional Volume Count

LHS137
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	94			5	63				
12:15		1	75			4	67				
12:30		2	83			1	67				
12:45		0	76	4	328	3	58	13	255	17	583
01:00		0	74			4	69				
01:15		0	54			3	66				
01:30		3	70			2	84				
01:45		1	52	4	250	3	64	12	283	16	533
02:00		1	73			4	65				
02:15		2	71			1	65				
02:30		0	92			0	43				
02:45		4	83	7	319	2	75	7	248	14	567
03:00		3	84			0	77				
03:15		2	72			0	76				
03:30		1	**87**			1	60				
03:45		2	**97**	8	340	1	**95**	2	308	10	648
04:00		1	**100**			3	**93**				
04:15		4	**85**			3	**93**				
04:30		8	73			4	**71**				
04:45		4	77	17	335	5	77	15	334	32	669
05:00		6	107			5	53				
05:15		5	81			7	73				
05:30		9	87			13	60				
05:45		15	48	35	323	15	80	40	266	75	589
06:00		11	80			27	67				
06:15		23	52			25	58				
06:30		21	46			27	35				
06:45		29	29	84	207	47	42	126	202	210	409
07:00		36	37			39	29				
07:15		49	29			50	30				
07:30		41	28			41	47				
07:45		51	31	177	125	85	34	215	140	392	265
08:00		61	35			52	23				
08:15		68	25			45	29				
08:30		56	14			70	30				
08:45		53	24	238	98	58	16	225	98	463	196
09:00		48	18			56	16				
09:15		46	10			65	21				
09:30		57	22			58	24				
09:45		50	23	201	73	76	19	255	80	456	153
10:00		41	19			59	13				
10:15		61	9			63	11				
10:30		54	8			44	9				
10:45		56	3	212	39	**72**	7	238	40	450	79
11:00		**66**	7			**68**	10				
11:15		**73**	6			**54**	9				
11:30		**54**	3			**65**	10				
11:45		**63**	4	256	20	61	2	248	31	504	51
Total		1243	2457	1243	2457	1396	2285	1396	2285	2639	4742
Combined Total		3700		3700		3681		3681		7381	
AM Peak	-	11:00	-	-	-	10:45	-	-	-	-	-
Vol.	-	256	-	-	-	259	-	-	-	-	-
P.H.F.		0.877				0.852					
PM Peak	-	-	03:30	-	-	-	03:45	-	-	-	-
Vol.	-	-	369	-	-	-	352	-	-	-	-
P.H.F.			0.923				0.926				
Percentage		33.6%	66.4%			37.9%	62.1%				
ADT/AADT		ADT 7,381		AADT 7,381							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Laguna Hills
Ridge Route Drive
W/ Moulton Parkway
24 Hour Directional Volume Count

LHS136
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	84			5	66				
12:15		1	75			5	97				
12:30		4	76			7	72				
12:45		1	73	10	308	5	53	22	288	32	596
01:00		1	85			0	71				
01:15		0	52			5	57				
01:30		2	68			3	66				
01:45		2	62	5	267	0	77	8	271	13	538
02:00		1	64			0	60				
02:15		2	70			2	66				
02:30		2	80			0	60				
02:45		1	66	6	280	1	76	3	262	9	542
03:00		1	73			1	75				
03:15		1	77			2	79				
03:30		1	77			2	**81**				
03:45		1	87	4	314	2	**71**	7	306	11	620
04:00		3	90			3	**82**				
04:15		4	80			3	**82**				
04:30		5	68			2	62				
04:45		4	**84**	16	322	2	75	10	301	26	623
05:00		4	**104**			9	53				
05:15		6	**82**			19	63				
05:30		18	**76**			9	52				
05:45		17	48	45	310	7	66	44	234	89	544
06:00		17	66			17	49				
06:15		30	46			30	51				
06:30		21	41			25	33				
06:45		47	33	115	186	35	44	107	177	222	363
07:00		44	34			40	12				
07:15		66	28			70	27				
07:30		61	22			60	30				
07:45		62	22	233	106	84	31	254	100	487	206
08:00		56	26			**100**	38				
08:15		80	30			**105**	24				
08:30		67	10			**83**	25				
08:45		60	16	263	82	**97**	16	385	103	648	185
09:00		62	16			68	21				
09:15		70	13			74	21				
09:30		64	16			81	19				
09:45		67	17	263	62	65	19	288	80	551	142
10:00		65	40			71	19				
10:15		65	12			66	9				
10:30		46	10			68	11				
10:45		74	6	250	68	78	7	283	46	533	114
11:00		**49**	12			65	6				
11:15		**80**	1			58	5				
11:30		**63**	2			59	8				
11:45		**81**	5	273	20	84	5	266	24	539	44
Total		1483	2325	1483	2325	1677	2192	1677	2192	3160	4517
Combined Total		3808		3808		3869		3869		7677	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	273	-	-	-	385	-	-	-	-	-
P.H.F.		0.843				0.917					
PM Peak	-	-	04:45	-	-	-	03:30	-	-	-	-
Vol.	-	-	346	-	-	-	316	-	-	-	-
P.H.F.			0.832				0.963				
Percentage		38.9%	61.1%			43.3%	56.7%				
ADT/AADT		ADT 7,677		AADT 7,677							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Great Park Boulevard - Marine Way

File Name 326
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	43			1	18				
12:15	5	39			4	20				
12:30	2	38			0	29				
12:45	2	42	23	162	0	33	5	100	28	262
1:00	2	38			0	21				
1:15	3	53			0	20				
1:30	2	41			1	24				
1:45	4	37	11	169	0	20	1	85	12	254
2:00	1	43			1	31				
2:15	1	41			0	22				
2:30	2	51			0	34				
2:45	0	54	4	189	2	35	3	122	7	311
3:00	1	48			0	33				
3:15	3	45			0	21				
3:30	0	63			1	21				
3:45	1	57	5	213	1	36	2	111	7	324
4:00	0	63			1	37				
4:15	0	78			2	36				
4:30	0	76			1	40				
4:45	0	81	0	298	1	33	5	146	5	444
5:00	1	91			4	41				
5:15	3	77			8	31				
5:30	8	61			7	28				
5:45	7	103	19	332	15	41	34	141	53	473
6:00	10	122			8	26				
6:15	6	97			12	24				
6:30	16	84			15	14				
6:45	19	81	51	384	19	20	54	84	105	468
7:00	23	66			26	20				
7:15	32	73			42	33				
7:30	22	74			56	19				
7:45	18	68	95	281	64	12	188	84	283	365
8:00	23	48			103	17				
8:15	27	37			107	14				
8:30	22	43			79	14				
8:45	23	33	95	161	61	13	350	58	445	219
9:00	16	45			37	6				
9:15	20	43			43	11				
9:30	30	18			37	7				
9:45	26	23	92	129	33	3	150	27	242	156
10:00	20	35			26	5				
10:15	26	26			27	3				
10:30	26	14			31	11				
10:45	29	11	101	86	17	4	101	23	202	109
11:00	32	26			16	6				
11:15	26	20			17	4				
11:30	26	6			26	2				
11:45	40	4	124	56	18	0	77	12	201	68
Totals	620	2460			970	993				
Combined Totals		3080				1963				
ADT										5043
AM Peak Hour	1100	AM			745	AM				
Volume	124				353					
P.H.F.	0.775				0.825					
PM Peak Hour		545	PM			415	PM			
Volume		406				150				
P.H.F.		0.832				0.915				
Percentage	20.1%	79.9%			49.4%	50.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

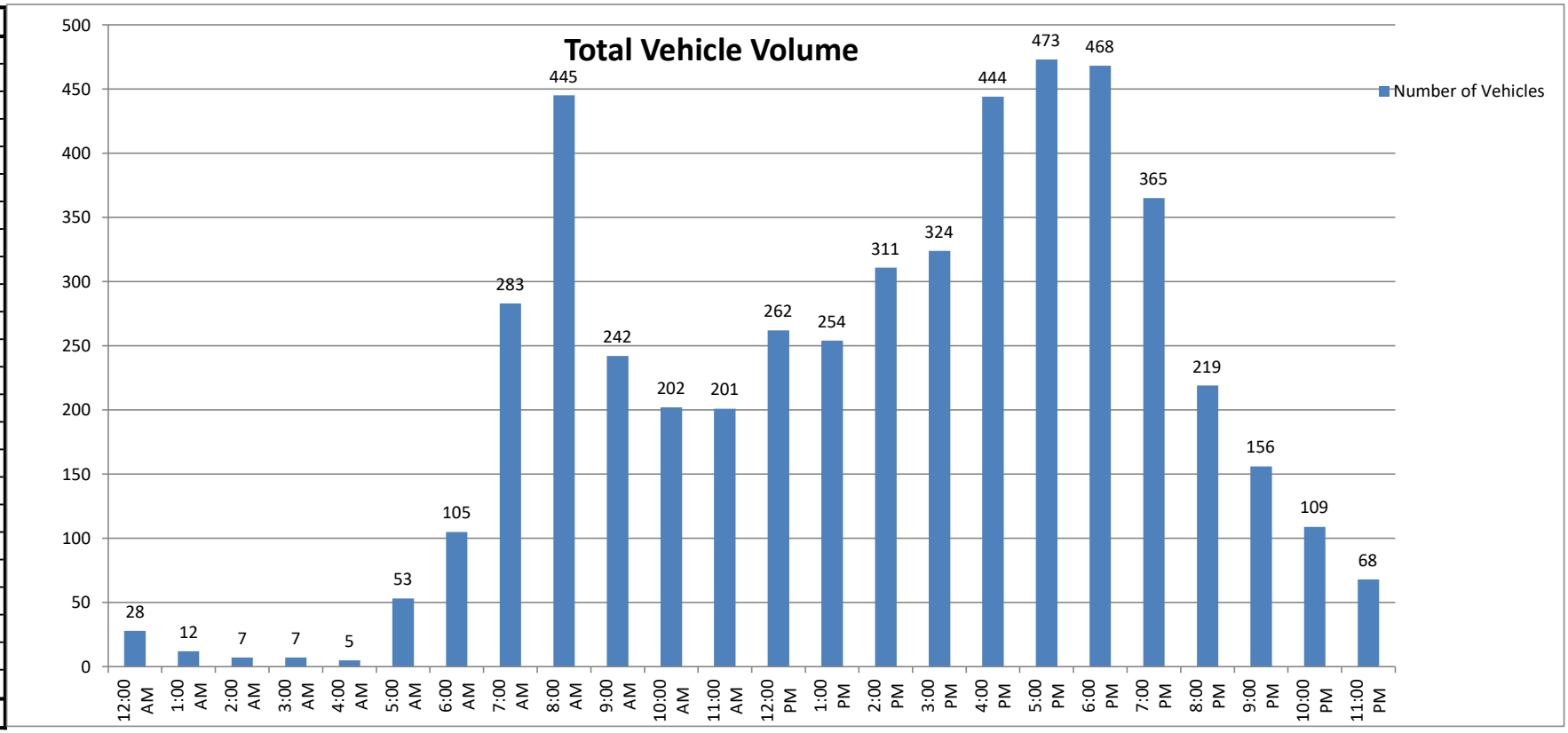
24 Hour Volume Plot

Ridge Valley

B/ Great Park Boulevard - Marine Way

2/27/2024

Start Time	2/27/2024
12:00 AM	28
1:00 AM	12
2:00 AM	7
3:00 AM	7
4:00 AM	5
5:00 AM	53
6:00 AM	105
7:00 AM	283
8:00 AM	445
9:00 AM	242
10:00 AM	202
11:00 AM	201
12:00 PM	262
1:00 PM	254
2:00 PM	311
3:00 PM	324
4:00 PM	444
5:00 PM	473
6:00 PM	468
7:00 PM	365
8:00 PM	219
9:00 PM	156
10:00 PM	109
11:00 PM	68
Total	5043



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Great Park Boulevard - Marine Way

File Name 326
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	47			7	17				
12:15	6	69			6	14				
12:30	3	77			4	27				
12:45	2	62	19	255	2	51	19	109	38	364
1:00	6	59			2	34				
1:15	1	53			0	29				
1:30	0	73			1	42				
1:45	1	66	8	251	0	39	3	144	11	395
2:00	2	54			0	36				
2:15	2	46			0	37				
2:30	3	38			0	35				
2:45	1	68	8	206	1	40	1	148	9	354
3:00	0	74			3	32				
3:15	0	54			0	27				
3:30	1	64			1	34				
3:45	2	64	3	256	1	31	5	124	8	380
4:00	0	57			0	25				
4:15	1	73			1	39				
4:30	0	70			2	31				
4:45	0	80	1	280	2	30	5	125	6	405
5:00	0	83			5	36				
5:15	1	103			6	33				
5:30	5	90			8	37				
5:45	5	91	11	367	12	35	31	141	42	508
6:00	6	106			12	27				
6:15	10	109			14	29				
6:30	14	98			14	13				
6:45	24	71	54	384	17	18	57	87	111	471
7:00	20	54			19	17				
7:15	17	79			48	27				
7:30	20	77			61	16				
7:45	23	73	80	283	65	15	193	75	273	358
8:00	29	46			98	11				
8:15	34	44			100	9				
8:30	25	27			85	8				
8:45	22	30	110	147	67	17	350	45	460	192
9:00	21	58			59	17				
9:15	21	38			45	9				
9:30	36	42			53	4				
9:45	24	26	102	164	38	5	195	35	297	199
10:00	27	27			14	3				
10:15	26	27			22	3				
10:30	34	26			29	6				
10:45	26	18	113	98	34	1	99	13	212	111
11:00	38	18			30	3				
11:15	24	23			16	0				
11:30	30	7			23	4				
11:45	35	14	127	62	23	4	92	11	219	73
Totals	636	2753			1050	1057				
Combined Totals		3389				2107				
ADT										5496
AM Peak Hour	1100	AM			800	AM				
Volume	127				350					
P.H.F.	0.836				0.875					
PM Peak Hour		545	PM			2445	PM			
Volume		404				156				
P.H.F.		0.927				0.765				
Percentage	18.8%	81.2%			49.8%	50.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

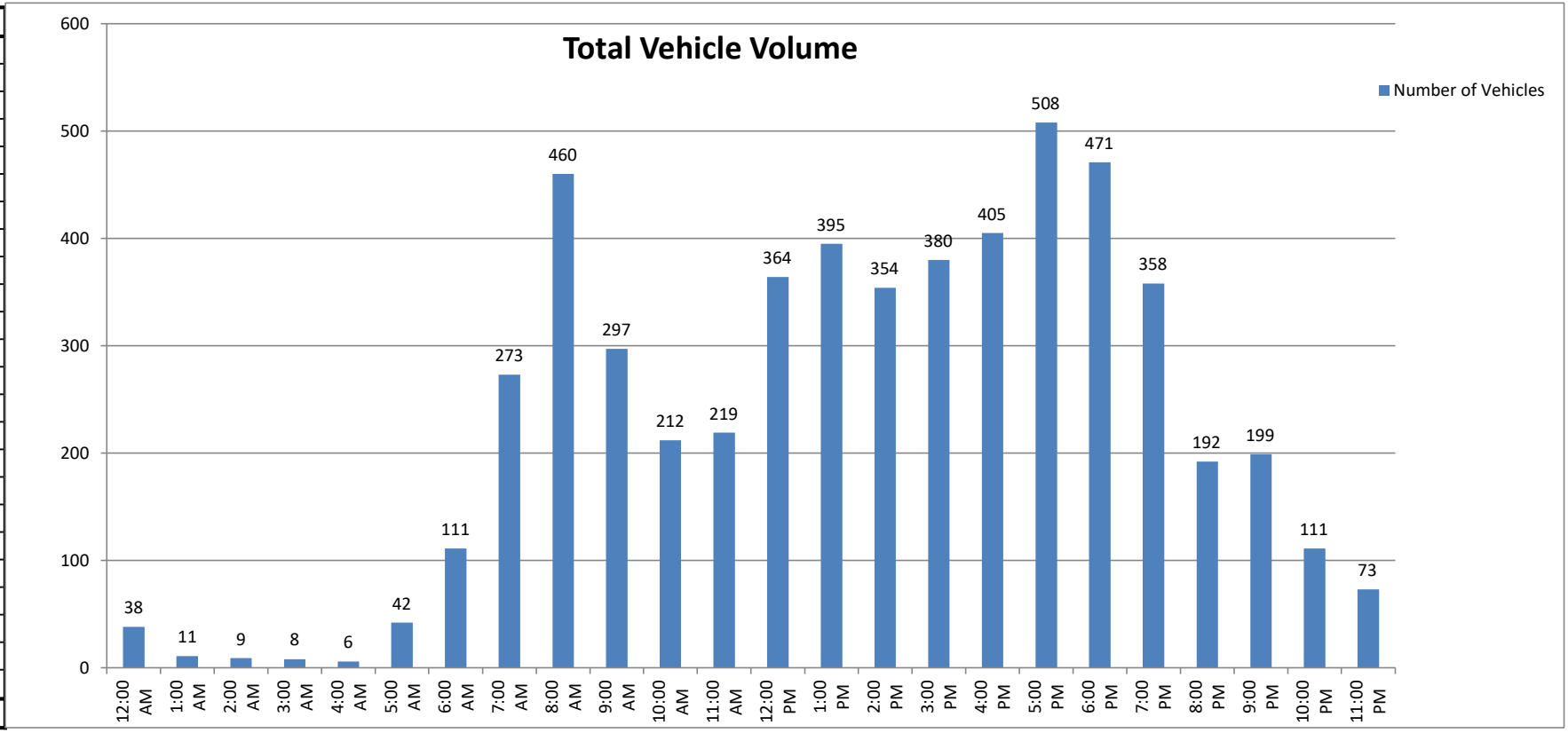
24 Hour Volume Plot

Ridge Valley

B/ Great Park Boulevard - Marine Way

2/28/2024

Start Time	2/28/2024
12:00 AM	38
1:00 AM	11
2:00 AM	9
3:00 AM	8
4:00 AM	6
5:00 AM	42
6:00 AM	111
7:00 AM	273
8:00 AM	460
9:00 AM	297
10:00 AM	212
11:00 AM	219
12:00 PM	364
1:00 PM	395
2:00 PM	354
3:00 PM	380
4:00 PM	405
5:00 PM	508
6:00 PM	471
7:00 PM	358
8:00 PM	192
9:00 PM	199
10:00 PM	111
11:00 PM	73
Total	5496



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Great Park Boulevard - Marine Way

File Name 326
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	45			4	18				
12:15	6	54			5	17				
12:30	3	58			2	28				
12:45	2	52	21	209	1	42	12	105	33	313
1:00	4	49			1	28				
1:15	2	53			0	25				
1:30	1	57			1	33				
1:45	3	52	10	210	0	30	2	115	12	325
2:00	2	49			1	34				
2:15	2	44			0	30				
2:30	3	45			0	35				
2:45	1	61	6	198	2	38	2	135	8	333
3:00	1	61			2	33				
3:15	2	50			0	24				
3:30	1	64			1	28				
3:45	2	61	4	235	1	34	4	118	8	352
4:00	0	60			1	31				
4:15	1	76			2	38				
4:30	0	73			2	36				
4:45	0	81	1	289	2	32	5	136	6	425
5:00	1	87			5	39				
5:15	2	90			7	32				
5:30	7	76			8	33				
5:45	6	97	15	350	14	38	33	141	48	491
6:00	8	114			10	27				
6:15	8	103			13	27				
6:30	15	91			15	14				
6:45	22	76	53	384	18	19	56	86	108	470
7:00	22	60			23	19				
7:15	25	76			45	30				
7:30	21	76			59	18				
7:45	21	71	88	282	65	14	191	80	278	362
8:00	26	47			101	14				
8:15	31	41			104	12				
8:30	24	35			82	11				
8:45	23	32	103	154	64	15	350	52	453	206
9:00	19	52			48	12				
9:15	21	41			44	10				
9:30	33	30			45	6				
9:45	25	25	97	147	36	4	173	31	270	178
10:00	24	31			20	4				
10:15	26	27			25	3				
10:30	30	20			30	9				
10:45	28	15	107	92	26	3	100	18	207	110
11:00	35	22			23	5				
11:15	25	22			17	2				
11:30	28	7			25	3				
11:45	38	9	126	59	21	2	85	12	210	71
Totals	628	2607			1010	1025				
Combined Totals		3235				2035				
ADT										5270
AM Peak Hour	1100	AM			745	AM				
Volume	126				351					
P.H.F.	0.837				0.847					
PM Peak Hour		545	PM			415	PM			
Volume		405				143				
P.H.F.		0.888				0.929				
Percentage	19.4%	80.6%			49.6%	50.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Irvine Boulevard - Great Park Boulevard

File Name 325
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	42			3	26				
12:15	4	25			1	36				
12:30	5	34			2	39				
12:45	3	31	24	132	2	36	8	137	32	269
1:00	0	34			0	33				
1:15	0	37			0	40				
1:30	0	34			2	20				
1:45	1	43	1	148	0	35	2	128	3	276
2:00	1	34			0	36				
2:15	2	48			0	43				
2:30	1	48			1	48				
2:45	0	47	4	177	0	62	1	189	5	366
3:00	0	66			0	50				
3:15	1	61			0	36				
3:30	0	41			0	44				
3:45	1	43	2	211	1	48	1	178	3	389
4:00	0	35			2	59				
4:15	1	51			1	49				
4:30	1	60			4	37				
4:45	2	49	4	195	1	44	8	189	12	384
5:00	5	63			6	45				
5:15	5	74			7	47				
5:30	2	47			10	47				
5:45	5	71	17	255	14	54	37	193	54	448
6:00	11	62			15	37				
6:15	9	64			21	43				
6:30	12	57			15	45				
6:45	14	53	46	236	19	44	70	169	116	405
7:00	24	46			37	51				
7:15	28	42			36	51				
7:30	34	50			57	29				
7:45	26	52	112	190	66	17	196	148	308	338
8:00	39	30			90	29				
8:15	60	35			85	24				
8:30	30	38			76	23				
8:45	31	22	160	125	50	30	301	106	461	231
9:00	17	34			39	15				
9:15	13	32			46	16				
9:30	17	19			43	16				
9:45	20	24	67	109	36	8	164	55	231	164
10:00	26	11			28	11				
10:15	28	15			30	10				
10:30	24	11			44	9				
10:45	26	15	104	52	30	3	132	33	236	85
11:00	25	12			34	5				
11:15	23	11			26	4				
11:30	18	5			36	3				
11:45	18	5	84	33	24	2	120	14	204	47
Totals	625	1863			1040	1539				
Combined Totals		2488				2579				
ADT										5067
AM Peak Hour	800	AM			745	AM				
Volume	160				317					
P.H.F.	0.667				0.881					
PM Peak Hour		500	PM			215	PM			
Volume		255				203				
P.H.F.		0.861				0.819				
Percentage	25.1%	74.9%			40.3%	59.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

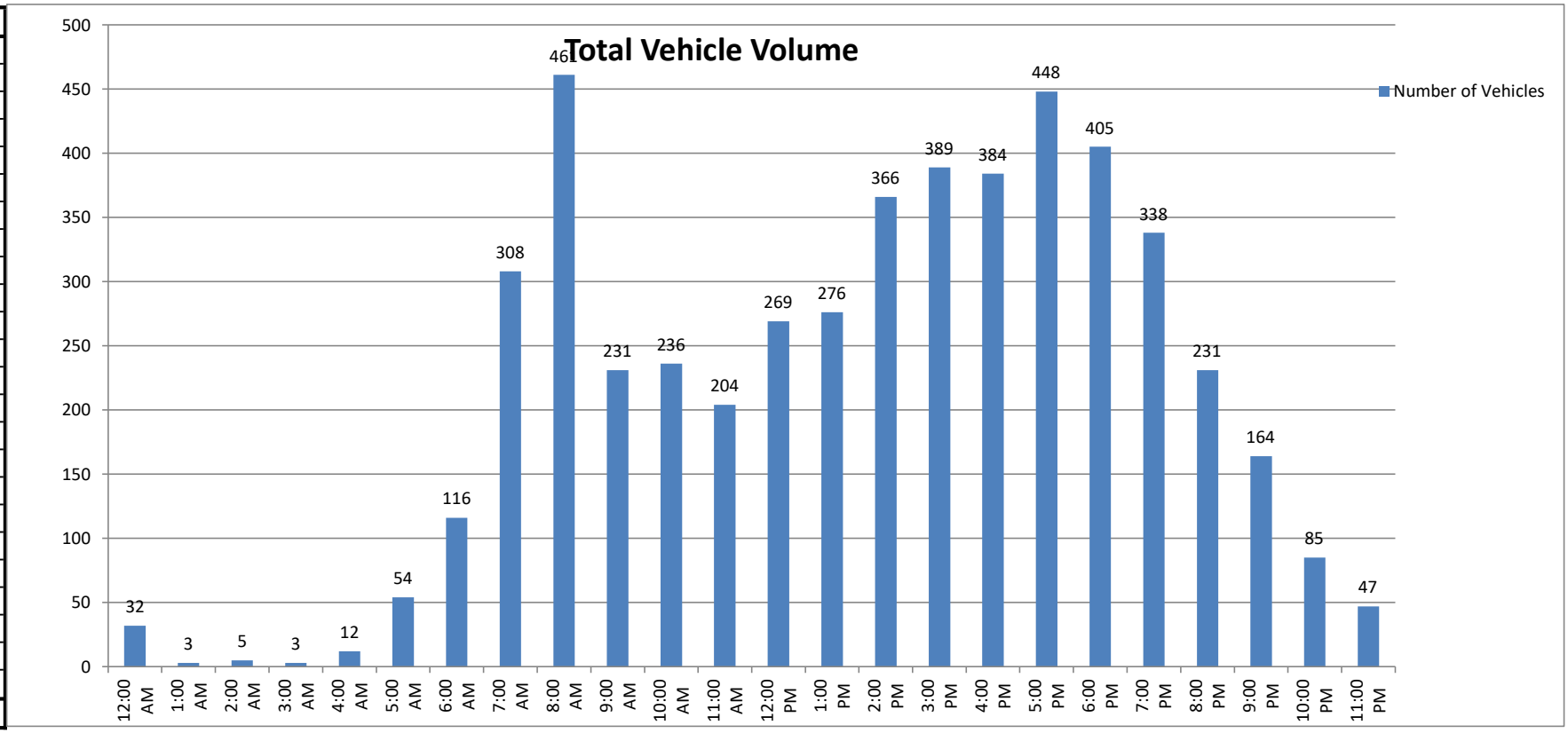
24 Hour Volume Plot

Ridge Valley

B/ Irvine Boulevard - Great Park Boulevard

2/27/2024

Start Time	2/27/2024
12:00 AM	32
1:00 AM	3
2:00 AM	5
3:00 AM	3
4:00 AM	12
5:00 AM	54
6:00 AM	116
7:00 AM	308
8:00 AM	461
9:00 AM	231
10:00 AM	236
11:00 AM	204
12:00 PM	269
1:00 PM	276
2:00 PM	366
3:00 PM	389
4:00 PM	384
5:00 PM	448
6:00 PM	405
7:00 PM	338
8:00 PM	231
9:00 PM	164
10:00 PM	85
11:00 PM	47
Total	5067



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Irvine Boulevard - Great Park Boulevard

File Name 325
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	32			1	23				
12:15	9	40			2	32				
12:30	4	57			1	35				
12:45	1	53	18	182	3	37	7	127	25	309
1:00	4	42			0	49				
1:15	1	47			1	50				
1:30	0	55			2	48				
1:45	0	50	5	194	1	55	4	202	9	396
2:00	1	55			0	35				
2:15	0	32			1	37				
2:30	0	51			0	37				
2:45	1	38	2	176	1	53	2	162	4	338
3:00	2	69			0	33				
3:15	0	51			2	40				
3:30	0	38			1	43				
3:45	1	35	3	193	1	48	4	164	7	357
4:00	0	57			0	61				
4:15	3	52			2	49				
4:30	2	50			0	45				
4:45	3	56	8	215	5	47	7	202	15	417
5:00	3	60			4	64				
5:15	0	66			6	54				
5:30	2	60			12	46				
5:45	4	59	9	245	15	45	37	209	46	454
6:00	3	68			13	54				
6:15	8	79			16	45				
6:30	7	57			15	46				
6:45	20	52	38	256	23	38	67	183	105	439
7:00	25	46			30	40				
7:15	21	39			41	44				
7:30	28	36			45	31				
7:45	30	55	104	176	44	24	160	139	264	315
8:00	51	38			96	29				
8:15	58	36			105	26				
8:30	47	26			98	24				
8:45	36	25	192	125	71	27	370	106	562	231
9:00	22	33			45	16				
9:15	14	22			49	11				
9:30	32	18			45	9				
9:45	29	16	97	89	44	19	183	55	280	144
10:00	24	14			31	11				
10:15	25	13			44	9				
10:30	31	13			52	8				
10:45	25	17	105	57	44	5	171	33	276	90
11:00	30	11			31	5				
11:15	21	8			33	6				
11:30	25	13			35	4				
11:45	39	10	115	42	36	4	135	19	250	61
Totals	696	1950			1147	1601				
Combined Totals		2646				2748				
ADT										5394
AM Peak Hour	800	AM			800	AM				
Volume	192				370					
P.H.F.	0.828				0.881					
PM Peak Hour		530	PM			445	PM			
Volume		266				211				
P.H.F.		0.842				0.824				
Percentage	26.3%	73.7%			41.7%	58.3%				

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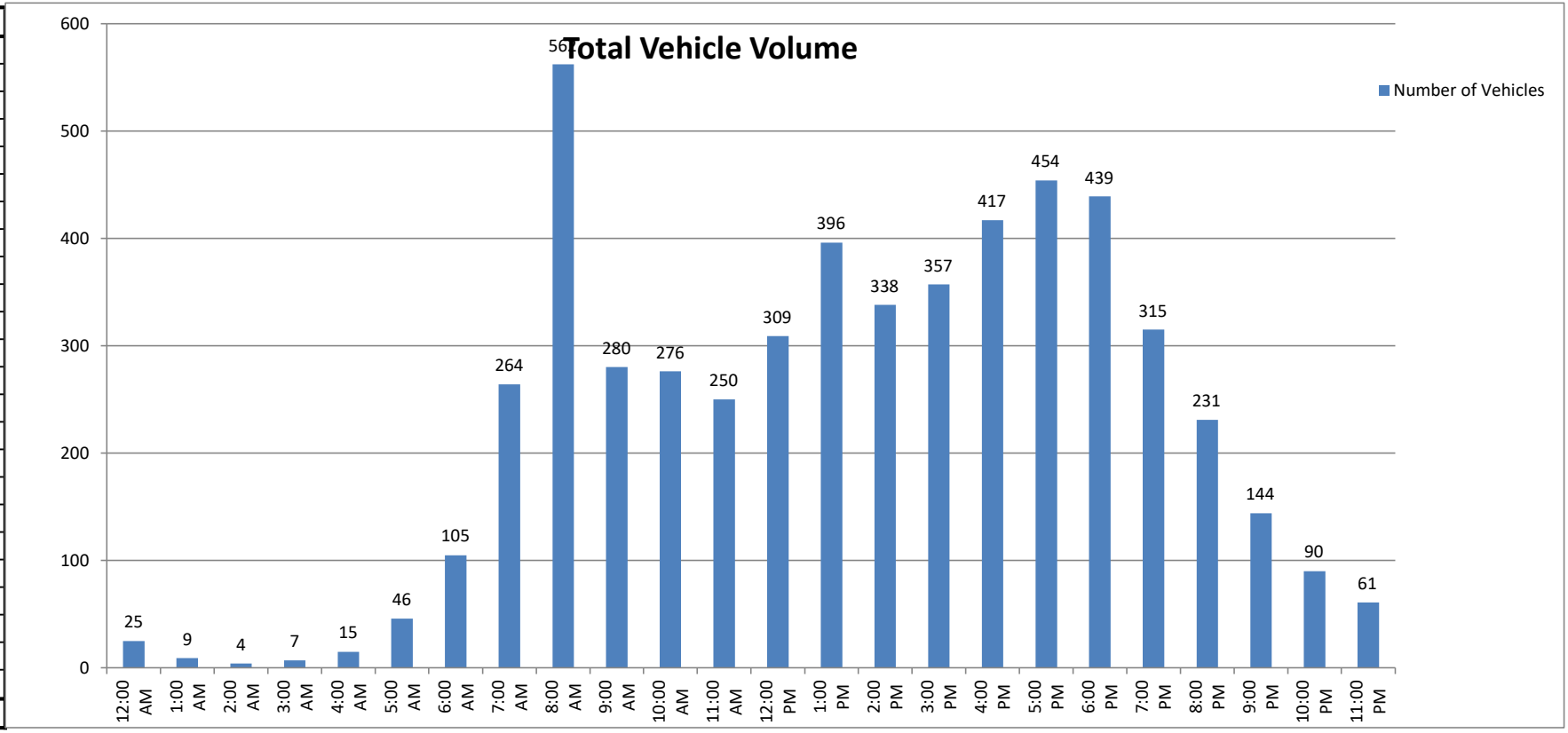
24 Hour Volume Plot

Ridge Valley

B/ Irvine Boulevard - Great Park Boulevard

2/28/2024

Start Time	2/28/2024
12:00 AM	25
1:00 AM	9
2:00 AM	4
3:00 AM	7
4:00 AM	15
5:00 AM	46
6:00 AM	105
7:00 AM	264
8:00 AM	562
9:00 AM	280
10:00 AM	276
11:00 AM	250
12:00 PM	309
1:00 PM	396
2:00 PM	338
3:00 PM	357
4:00 PM	417
5:00 PM	454
6:00 PM	439
7:00 PM	315
8:00 PM	231
9:00 PM	144
10:00 PM	90
11:00 PM	61
Total	5394



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Ridge Valley
B/ Irvine Boulevard - Great Park Boulevard

File Name 325
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	37			2	25				
12:15	7	33			2	34				
12:30	5	46			2	37				
12:45	2	42	21	157	3	37	8	132	29	289
1:00	2	38			0	41				
1:15	1	42			1	45				
1:30	0	45			2	34				
1:45	1	47	3	171	1	45	3	165	6	336
2:00	1	45			0	36				
2:15	1	40			1	40				
2:30	1	50			1	43				
2:45	1	43	3	177	1	58	2	176	5	352
3:00	1	68			0	42				
3:15	1	56			1	38				
3:30	0	40			1	44				
3:45	1	39	3	202	1	48	3	171	5	373
4:00	0	46			1	60				
4:15	2	52			2	49				
4:30	2	55			2	41				
4:45	3	53	6	205	3	46	8	196	14	401
5:00	4	62			5	55				
5:15	3	70			7	51				
5:30	2	54			11	47				
5:45	5	65	13	250	15	50	37	201	50	451
6:00	7	65			14	46				
6:15	9	72			19	44				
6:30	10	57			15	46				
6:45	17	53	42	246	21	41	69	176	111	422
7:00	25	46			34	46				
7:15	25	41			39	48				
7:30	31	43			51	30				
7:45	28	54	108	183	55	21	178	144	286	327
8:00	45	34			93	29				
8:15	59	36			95	25				
8:30	39	32			87	24				
8:45	34	24	176	125	61	29	336	106	512	231
9:00	20	34			42	16				
9:15	14	27			48	14				
9:30	25	19			44	13				
9:45	25	20	82	99	40	14	174	55	256	154
10:00	25	13			30	11				
10:15	27	14			37	10				
10:30	28	12			48	9				
10:45	26	16	105	55	37	4	152	33	256	88
11:00	28	12			33	5				
11:15	22	10			30	5				
11:30	22	9			36	4				
11:45	29	8	100	38	30	3	128	17	227	54
Totals	661	1907			1094	1570				
Combined Totals		2567				2664				
ADT										5231
AM Peak Hour	800	AM			800	AM				
Volume	176				336					
P.H.F.	0.746				0.883					
PM Peak Hour		545	PM			500	PM			
Volume		259				201				
P.H.F.		0.904				0.922				
Percentage	25.7%	74.3%			41.1%	58.9%				

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City of Irvine
Ridge Valley
B/ Portola Parkway - Irvine Boulevard

File Name 324
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	34			3	45				
12:15	4	38			1	33				
12:30	4	33			6	31				
12:45	2	35	17	140	3	41	13	150	30	290
1:00	6	46			1	33				
1:15	1	52			1	55				
1:30	3	38			1	50				
1:45	3	49	13	185	1	46	4	184	17	369
2:00	1	47			0	55				
2:15	1	64			0	67				
2:30	2	76			2	85				
2:45	1	73	5	260	1	82	3	289	8	549
3:00	1	84			0	63				
3:15	0	109			0	60				
3:30	0	71			0	76				
3:45	1	76	2	340	2	63	2	262	4	602
4:00	0	67			1	62				
4:15	2	58			3	47				
4:30	0	91			5	60				
4:45	2	72	4	288	6	60	15	229	19	517
5:00	0	83			9	44				
5:15	3	112			11	65				
5:30	1	89			14	63				
5:45	7	86	11	370	20	70	54	242	65	612
6:00	3	100			20	60				
6:15	7	97			25	42				
6:30	6	85			33	57				
6:45	10	69	26	351	47	29	125	188	151	539
7:00	12	79			57	42				
7:15	15	64			84	40				
7:30	40	53			120	29				
7:45	30	51	97	247	182	27	443	138	540	385
8:00	52	42			221	22				
8:15	76	44			181	27				
8:30	64	35			124	18				
8:45	41	44	233	165	82	18	608	85	841	250
9:00	27	33			79	16				
9:15	21	40			71	17				
9:30	28	16			66	9				
9:45	35	29	111	118	69	10	285	52	396	170
10:00	30	21			49	3				
10:15	32	18			55	7				
10:30	26	16			56	7				
10:45	33	8	121	63	52	8	212	25	333	88
11:00	28	11			47	3				
11:15	25	12			30	2				
11:30	35	7			52	6				
11:45	44	10	132	40	42	4	171	15	303	55
Totals	772	2567			1935	1859				
Combined Totals		3339				3794				
ADT										7133
AM Peak Hour	800	AM			745	AM				
Volume	233				708					
P.H.F.	0.766				0.801					
PM Peak Hour		515	PM			215	PM			
Volume		387				297				
P.H.F.		0.864				0.874				
Percentage	23.1%	76.9%			51.0%	49.0%				

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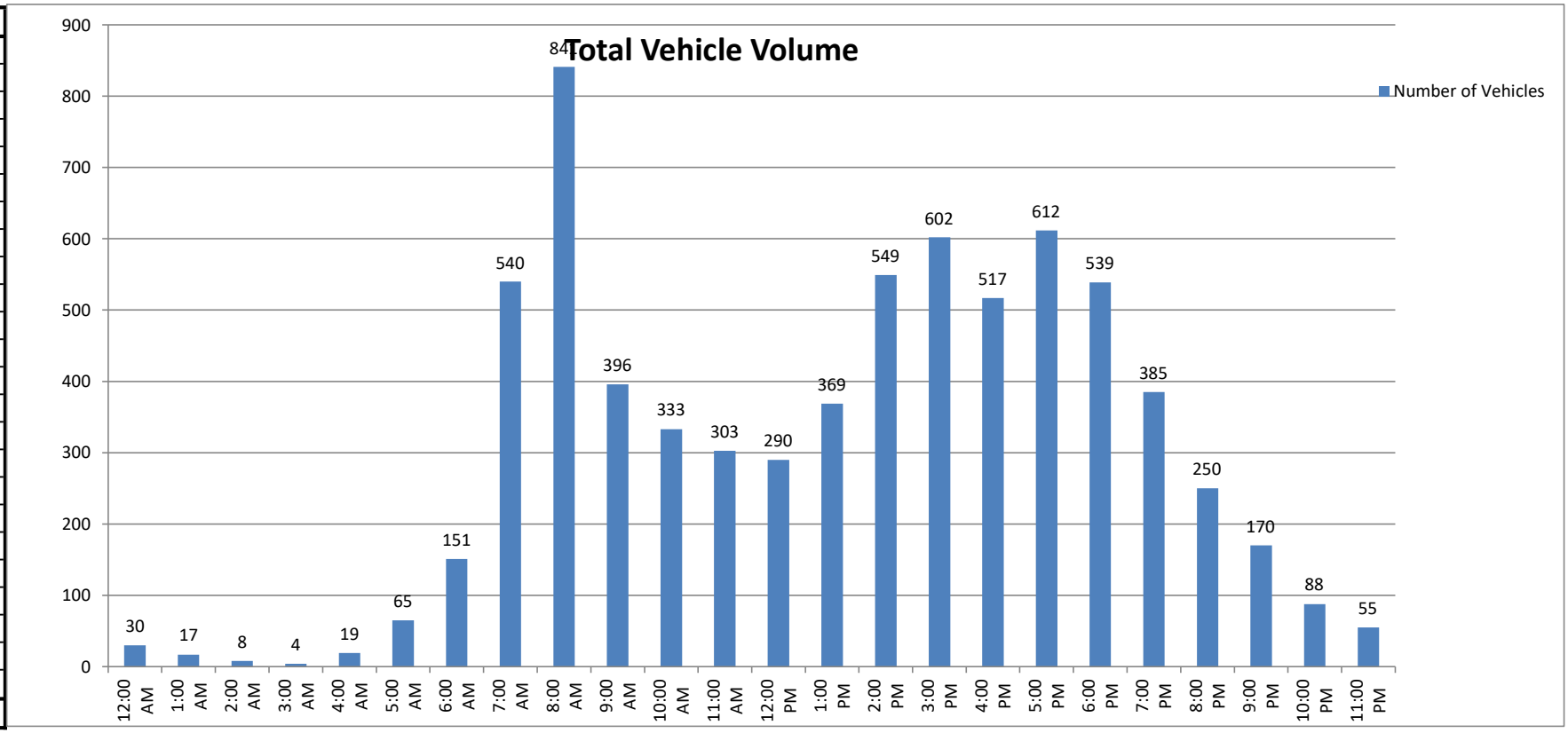
24 Hour Volume Plot

Ridge Valley

B/ Portola Parkway - Irvine Boulevard

2/27/2024

Start Time	2/27/2024
12:00 AM	30
1:00 AM	17
2:00 AM	8
3:00 AM	4
4:00 AM	19
5:00 AM	65
6:00 AM	151
7:00 AM	540
8:00 AM	841
9:00 AM	396
10:00 AM	333
11:00 AM	303
12:00 PM	290
1:00 PM	369
2:00 PM	549
3:00 PM	602
4:00 PM	517
5:00 PM	612
6:00 PM	539
7:00 PM	385
8:00 PM	250
9:00 PM	170
10:00 PM	88
11:00 PM	55
Total	7133



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Ridge Valley
B/ Portola Parkway - Irvine Boulevard

File Name 324
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	38			3	49				
12:15	1	49			2	47				
12:30	6	51			1	50				
12:45	3	43	18	181	0	55	6	201	24	382
1:00	5	72			2	47				
1:15	1	50			0	58				
1:30	2	66			1	76				
1:45	1	53	9	241	0	86	3	267	12	508
2:00	0	65			0	56				
2:15	3	64			1	59				
2:30	1	90			1	63				
2:45	0	75	4	294	0	65	2	243	6	537
3:00	1	62			4	46				
3:15	0	71			1	45				
3:30	0	66			0	67				
3:45	2	70	3	269	2	57	7	215	10	484
4:00	2	65			2	63				
4:15	1	72			4	48				
4:30	0	72			2	68				
4:45	0	74	3	283	8	50	16	229	19	512
5:00	1	98			10	46				
5:15	5	100			14	53				
5:30	6	70			10	62				
5:45	2	90	14	358	18	55	52	216	66	574
6:00	1	91			19	56				
6:15	6	78			23	51				
6:30	7	98			37	61				
6:45	14	67	28	334	43	35	122	203	150	537
7:00	21	79			58	39				
7:15	16	54			81	36				
7:30	28	51			118	30				
7:45	26	59	91	243	141	29	398	134	489	377
8:00	41	58			201	20				
8:15	68	50			261	20				
8:30	62	38			130	10				
8:45	65	36	236	182	85	13	677	63	913	245
9:00	31	37			93	23				
9:15	28	41			85	15				
9:30	36	32			75	11				
9:45	26	24	121	134	69	7	322	56	443	190
10:00	25	25			53	5				
10:15	19	21			43	8				
10:30	36	23			56	6				
10:45	27	9	107	78	50	5	202	24	309	102
11:00	40	15			55	5				
11:15	34	10			58	5				
11:30	38	11			46	5				
11:45	47	4	159	40	35	3	194	18	353	58
Totals	793	2637			2001	1869				
Combined Totals		3430				3870				
ADT										7300
AM Peak Hour	800	AM			745	AM				
Volume	236				733					
P.H.F.	0.868				0.702					
PM Peak Hour		500	PM			130	PM			
Volume		358				277				
P.H.F.		0.895				0.805				
Percentage	23.1%	76.9%			51.7%	48.3%				

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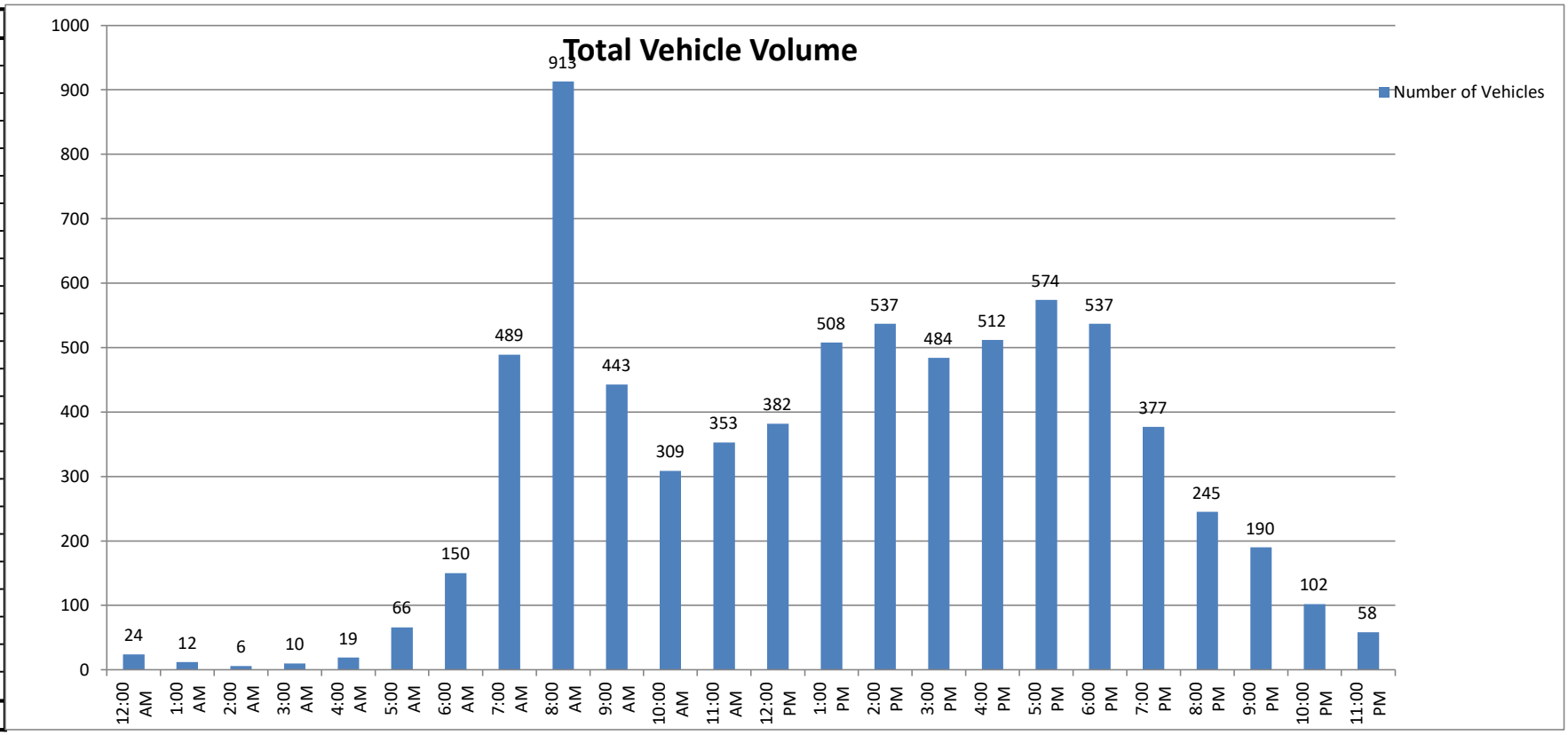
24 Hour Volume Plot

Ridge Valley

B/ Portola Parkway - Irvine Boulevard

2/28/2024

Start Time	2/28/2024
12:00 AM	24
1:00 AM	12
2:00 AM	6
3:00 AM	10
4:00 AM	19
5:00 AM	66
6:00 AM	150
7:00 AM	489
8:00 AM	913
9:00 AM	443
10:00 AM	309
11:00 AM	353
12:00 PM	382
1:00 PM	508
2:00 PM	537
3:00 PM	484
4:00 PM	512
5:00 PM	574
6:00 PM	537
7:00 PM	377
8:00 PM	245
9:00 PM	190
10:00 PM	102
11:00 PM	58
Total	7300



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Ridge Valley
B/ Portola Parkway - Irvine Boulevard

File Name 324
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	36			3	47				
12:15	3	44			2	40				
12:30	5	42			4	41				
12:45	3	39	18	161	2	48	10	176	27	336
1:00	6	59			2	40				
1:15	1	51			1	57				
1:30	3	52			1	63				
1:45	2	51	11	213	1	66	4	226	15	439
2:00	1	56			0	56				
2:15	2	64			1	63				
2:30	2	83			2	74				
2:45	1	74	5	277	1	74	3	266	7	543
3:00	1	73			2	55				
3:15	0	90			1	53				
3:30	0	69			0	72				
3:45	2	73	3	305	2	60	5	239	7	543
4:00	1	66			2	63				
4:15	2	65			4	48				
4:30	0	82			4	64				
4:45	1	73	4	286	7	55	16	229	19	515
5:00	1	91			10	45				
5:15	4	106			13	59				
5:30	4	80			12	63				
5:45	5	88	13	364	19	63	53	229	66	593
6:00	2	96			20	58				
6:15	7	88			24	47				
6:30	7	92			35	59				
6:45	12	68	27	343	45	32	124	196	151	538
7:00	17	79			58	41				
7:15	16	59			83	38				
7:30	34	52			119	30				
7:45	28	55	94	245	162	28	421	136	515	381
8:00	47	50			211	21				
8:15	72	47			221	24				
8:30	63	37			127	14				
8:45	53	40	235	174	84	16	643	74	877	248
9:00	29	35			86	20				
9:15	25	41			78	16				
9:30	32	24			71	10				
9:45	31	27	116	126	69	9	304	54	420	180
10:00	28	23			51	4				
10:15	26	20			49	8				
10:30	31	20			56	7				
10:45	30	9	114	71	51	7	207	25	321	95
11:00	34	13			51	4				
11:15	30	11			44	4				
11:30	37	9			49	6				
11:45	46	7	146	40	39	4	183	17	328	57
Totals	783	2602			1968	1864				
Combined Totals		3385				3832				
ADT										7217
AM Peak Hour	800	AM			745	AM				
Volume	235				721					
P.H.F.	0.814				0.815					
PM Peak Hour		515	PM			200	PM			
Volume		369				266				
P.H.F.		0.870				0.899				
Percentage	23.1%	76.9%			51.4%	48.6%				

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City of Irvine
Ridge Valley
B/ Ranchland - Portola Parkway

File Name 323
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	10			0	8				
12:15	0	4			0	4				
12:30	1	10			1	10				
12:45	0	5	1	29	0	4	1	26	2	55
1:00	1	4			0	1				
1:15	0	5			0	8				
1:30	1	5			0	8				
1:45	0	2	2	16	0	10	0	27	2	43
2:00	0	4			0	10				
2:15	0	13			0	8				
2:30	0	20			0	9				
2:45	1	24	1	61	0	8	0	35	1	96
3:00	0	13			0	7				
3:15	0	12			0	14				
3:30	0	6			0	5				
3:45	0	20	0	51	0	12	0	38	0	89
4:00	0	12			1	9				
4:15	1	7			1	13				
4:30	1	14			0	5				
4:45	2	11	4	44	1	7	3	34	7	78
5:00	1	10			2	10				
5:15	2	5			4	7				
5:30	0	14			0	9				
5:45	4	7	7	36	0	11	6	37	13	73
6:00	2	9			2	6				
6:15	0	11			0	8				
6:30	1	3			3	4				
6:45	1	12	4	35	4	5	9	23	13	58
7:00	2	6			2	5				
7:15	5	7			6	7				
7:30	17	7			26	6				
7:45	11	8	35	28	37	5	71	23	106	51
8:00	14	5			19	0				
8:15	13	6			14	4				
8:30	15	9			6	1				
8:45	8	3	50	23	2	0	41	5	91	28
9:00	4	4			10	3				
9:15	5	6			8	2				
9:30	4	3			8	1				
9:45	2	1	15	14	9	1	35	7	50	21
10:00	5	4			3	0				
10:15	6	1			9	2				
10:30	4	3			8	2				
10:45	2	2	17	10	11	2	31	6	48	16
11:00	6	1			8	2				
11:15	4	0			2	1				
11:30	3	1			4	0				
11:45	9	1	22	3	4	0	18	3	40	6
Totals	158	350			215	264				
Combined Totals		508				479				
ADT										987
AM Peak Hour	730 AM				730 AM					
Volume	55				96					
P.H.F.	0.809				0.649					
PM Peak Hour		215 PM				315 PM				
Volume		70				40				
P.H.F.		0.729				0.714				
Percentage	31.1%	68.9%			44.9%	55.1%				

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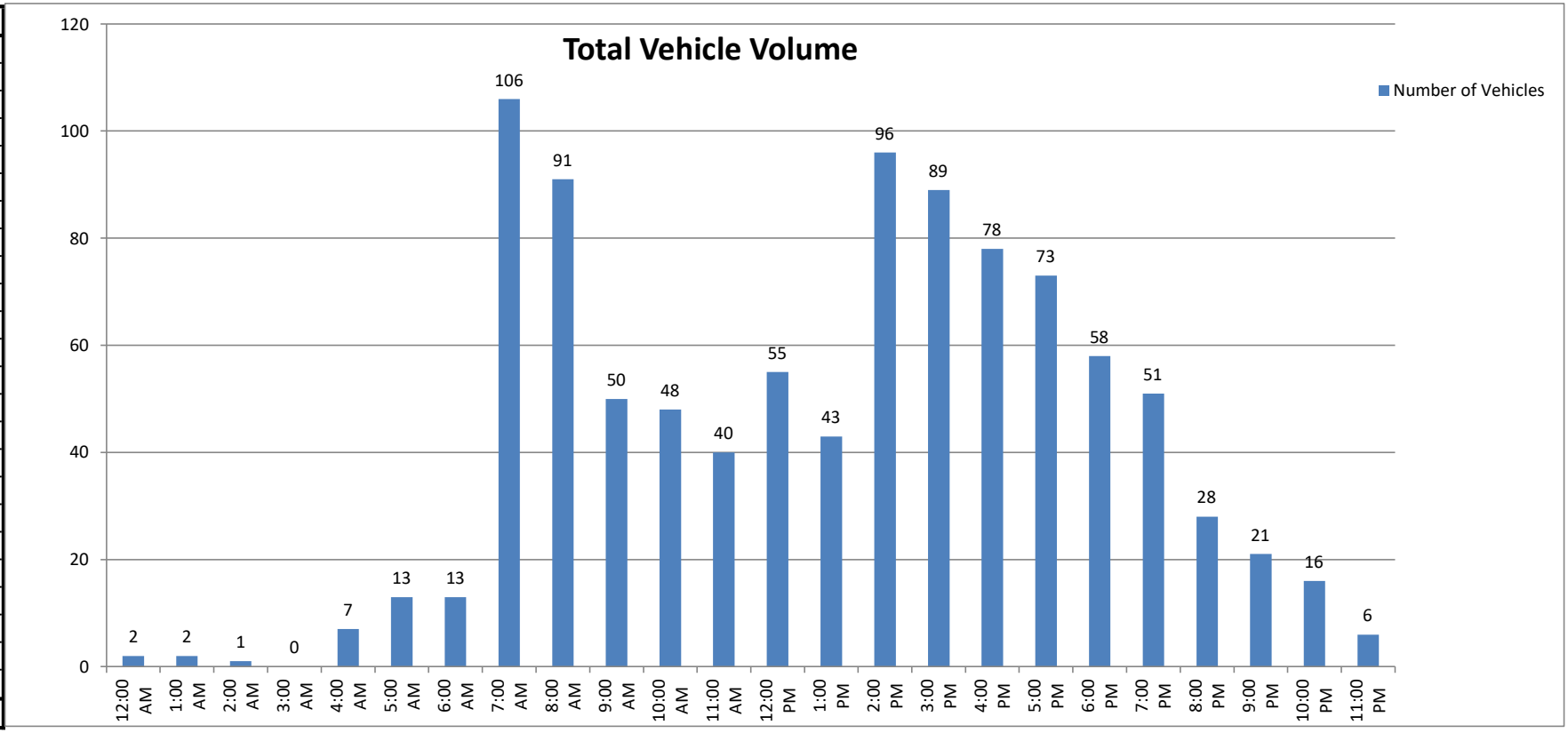
24 Hour Volume Plot

Ridge Valley

B/ Ranchland - Portola Parkway

2/27/2024

Start Time	2/27/2024
12:00 AM	2
1:00 AM	2
2:00 AM	1
3:00 AM	0
4:00 AM	7
5:00 AM	13
6:00 AM	13
7:00 AM	106
8:00 AM	91
9:00 AM	50
10:00 AM	48
11:00 AM	40
12:00 PM	55
1:00 PM	43
2:00 PM	96
3:00 PM	89
4:00 PM	78
5:00 PM	73
6:00 PM	58
7:00 PM	51
8:00 PM	28
9:00 PM	21
10:00 PM	16
11:00 PM	6
Total	987



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City of Irvine
Ridge Valley
B/ Ranchland - Portola Parkway

File Name 323
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	6			0	4				
12:15	1	7			0	4				
12:30	0	4			0	9				
12:45	0	10	2	27	0	9	0	26	2	53
1:00	1	9			0	10				
1:15	0	12			0	15				
1:30	0	12			0	11				
1:45	0	14	1	47	2	7	2	43	3	90
2:00	0	9			0	6				
2:15	0	6			0	6				
2:30	0	11			0	9				
2:45	0	4	0	30	0	5	0	26	0	56
3:00	0	2			0	4				
3:15	0	14			0	9				
3:30	0	13			0	5				
3:45	0	14	0	43	0	12	0	30	0	73
4:00	0	12			0	20				
4:15	0	12			0	8				
4:30	1	12			0	7				
4:45	0	12	1	48	2	7	2	42	3	90
5:00	2	14			2	6				
5:15	1	7			1	6				
5:30	1	12			2	12				
5:45	1	10	5	43	0	7	5	31	10	74
6:00	2	5			1	4				
6:15	0	7			2	5				
6:30	0	8			2	5				
6:45	2	3	4	23	5	4	10	18	14	41
7:00	3	6			5	4				
7:15	5	4			6	1				
7:30	11	8			28	6				
7:45	7	2	26	20	24	4	63	15	89	35
8:00	11	6			23	2				
8:15	9	3			26	2				
8:30	10	5			10	1				
8:45	7	6	37	20	11	1	70	6	107	26
9:00	4	0			8	1				
9:15	10	5			7	1				
9:30	9	4			8	2				
9:45	6	4	29	13	8	1	31	5	60	18
10:00	5	3			5	0				
10:15	3	3			3	1				
10:30	7	3			5	1				
10:45	4	0	19	9	5	0	18	2	37	11
11:00	5	4			13	1				
11:15	5	1			5	1				
11:30	8	0			3	1				
11:45	9	0	27	5	3	0	24	3	51	8
Totals	151	328			225	247				
Combined Totals		479				472				
ADT										951
AM Peak Hour	730	AM			730	AM				
Volume	38				101					
P.H.F.	0.864				0.902					
PM Peak Hour		315	PM			345	PM			
Volume		53				47				
P.H.F.		0.946				0.588				
Percentage	31.5%	68.5%			47.7%	52.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

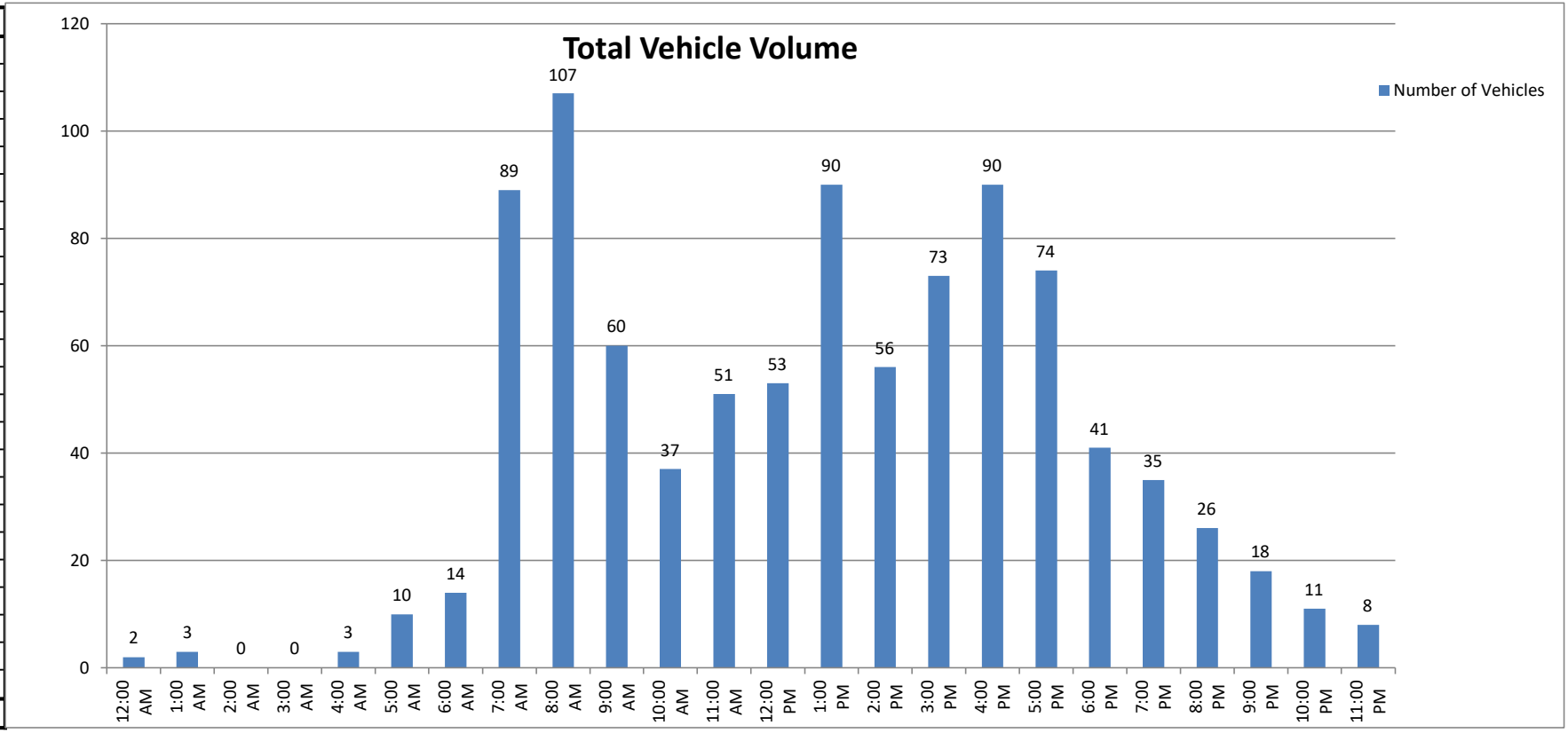
24 Hour Volume Plot

Ridge Valley

B/ Ranchland - Portola Parkway

2/28/2024

Start Time	2/28/2024
12:00 AM	2
1:00 AM	3
2:00 AM	0
3:00 AM	0
4:00 AM	3
5:00 AM	10
6:00 AM	14
7:00 AM	89
8:00 AM	107
9:00 AM	60
10:00 AM	37
11:00 AM	51
12:00 PM	53
1:00 PM	90
2:00 PM	56
3:00 PM	73
4:00 PM	90
5:00 PM	74
6:00 PM	41
7:00 PM	35
8:00 PM	26
9:00 PM	18
10:00 PM	11
11:00 PM	8
Total	951



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Ridge Valley
B/ Ranchland - Portola Parkway

File Name 323
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	8			0	6				
12:15	1	6			0	4				
12:30	1	7			1	10				
12:45	0	8	2	28	0	7	1	26	2	54
1:00	1	7			0	6				
1:15	0	9			0	12				
1:30	1	9			0	10				
1:45	0	8	2	32	1	9	1	35	3	67
2:00	0	7			0	8				
2:15	0	10			0	7				
2:30	0	16			0	9				
2:45	1	14	1	46	0	7	0	31	1	76
3:00	0	8			0	6				
3:15	0	13			0	12				
3:30	0	10			0	5				
3:45	0	17	0	47	0	12	0	34	0	81
4:00	0	12			1	15				
4:15	1	10			1	11				
4:30	1	13			0	6				
4:45	1	12	3	46	2	7	3	38	5	84
5:00	2	12			2	8				
5:15	2	6			3	7				
5:30	1	13			1	11				
5:45	3	9	6	40	0	9	6	34	12	74
6:00	2	7			2	5				
6:15	0	9			1	7				
6:30	1	6			3	5				
6:45	2	8	4	29	5	5	10	21	14	50
7:00	3	6			4	5				
7:15	5	6			6	4				
7:30	14	8			27	6				
7:45	9	5	31	24	31	5	67	19	98	43
8:00	13	6			21	1				
8:15	11	5			20	3				
8:30	13	7			8	1				
8:45	8	5	44	22	7	1	56	6	99	27
9:00	4	2			9	2				
9:15	8	6			8	2				
9:30	7	4			8	2				
9:45	4	3	22	14	9	1	33	6	55	20
10:00	5	4			4	0				
10:15	5	2			6	2				
10:30	6	3			7	2				
10:45	3	1	18	10	8	1	25	4	43	14
11:00	6	3			11	2				
11:15	5	1			4	1				
11:30	6	1			4	1				
11:45	9	1	25	4	4	0	21	3	46	7
Totals	155	339			220	256				
Combined Totals		494				476				
ADT										969
AM Peak Hour	730 AM				730 AM					
Volume	47				99					
P.H.F.	0.830				0.807					
PM Peak Hour		345 PM				345 PM				
Volume		52				43				
P.H.F.		0.757				0.741				
Percentage	31.3%	68.7%			46.3%	53.7%				

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Corona, CA 92878
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City of Lake Forest
Rockfield Boulevard
E/ El Toro Road
24 Hour Directional Volume Count

LKF140
Site Code: 051-24139

Start Time	2/13/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		16	133			6	150				
12:15		19	144			11	168				
12:30		7	156			9	155				
12:45		7	127	49	560	6	152	32	625	81	1185
01:00		5	156			4	157				
01:15		3	140			6	170				
01:30		7	163			9	157				
01:45		5	157	20	616	4	165	23	649	43	1265
02:00		2	163			2	174				
02:15		7	188			3	160				
02:30		3	200			3	**176**				
02:45		2	204	14	755	2	**235**	10	745	24	1500
03:00		3	171			3	**216**				
03:15		3	166			6	**178**				
03:30		3	213			5	169				
03:45		6	175	15	725	9	179	23	742	38	1467
04:00		5	191			5	168				
04:15		7	**215**			14	191				
04:30		3	**189**			18	190				
04:45		7	**186**	22	781	17	174	54	723	76	1504
05:00		5	**223**			22	170				
05:15		9	203			38	175				
05:30		11	192			48	166				
05:45		19	182	44	800	69	173	177	684	221	1484
06:00		23	172			65	140				
06:15		26	169			87	152				
06:30		23	153			88	155				
06:45		45	118	117	612	85	115	325	562	442	1174
07:00		64	116			140	110				
07:15		63	116			135	98				
07:30		**82**	117			138	102				
07:45		**127**	68	336	417	**158**	101	571	411	907	828
08:00		**177**	71			**166**	92				
08:15		**173**	91			**229**	63				
08:30		74	73			**206**	64				
08:45		85	64	509	299	142	66	743	285	1252	584
09:00		76	58			113	71				
09:15		78	59			104	52				
09:30		93	35			118	52				
09:45		104	50	351	202	114	50	449	225	800	427
10:00		102	35			129	42				
10:15		105	35			116	24				
10:30		90	31			130	22				
10:45		116	27	413	128	125	28	500	116	913	244
11:00		123	21			141	16				
11:15		119	28			151	10				
11:30		142	16			152	13				
11:45		147	6	531	71	145	13	589	52	1120	123
Total		2421	5966	2421	5966	3496	5819	3496	5819	5917	11785
Combined Total		8387		8387		9315		9315		17702	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	559	-	-	-	759	-	-	-	-	-
P.H.F.		0.790				0.829					
PM Peak	-	-	04:15	-	-	-	02:30	-	-	-	-
Vol.	-	-	813	-	-	-	805	-	-	-	-
P.H.F.			0.911				0.856				
Percentage		28.9%	71.1%			37.5%	62.5%				
ADT/AADT		ADT 17,702		AADT 17,702							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Rockfield Boulevard
E/ Ridge Route Drive
24 Hour Directional Volume Count

LKF139
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	160			10	92				
12:15		14	155			7	120				
12:30		15	183			7	130				
12:45		6	161	46	659	11	137	35	479	81	1138
01:00		9	179			7	**113**				
01:15		6	176			11	**135**				
01:30		8	192			2	**148**				
01:45		8	151	31	698	3	**147**	23	543	54	1241
02:00		5	150			3	107				
02:15		3	161			3	93				
02:30		4	171			4	122				
02:45		4	181	16	663	7	117	17	439	33	1102
03:00		5	184			3	115				
03:15		4	188			3	105				
03:30		2	200			6	105				
03:45		6	190	17	762	4	102	16	427	33	1189
04:00		4	210			7	93				
04:15		1	206			7	118				
04:30		7	229			13	99				
04:45		17	**209**	29	854	11	123	38	433	67	1287
05:00		6	**224**			15	116				
05:15		13	**225**			9	121				
05:30		14	**257**			27	97				
05:45		23	196	56	902	25	110	76	444	132	1346
06:00		16	179			27	102				
06:15		29	170			43	86				
06:30		31	152			52	87				
06:45		41	136	117	637	56	85	178	360	295	997
07:00		66	98			68	67				
07:15		83	133			89	71				
07:30		71	104			94	74				
07:45		103	81	323	416	**102**	60	353	272	676	688
08:00		118	66			**106**	66				
08:15		132	73			**128**	57				
08:30		113	86			**113**	36				
08:45		98	58	461	283	89	41	436	200	897	483
09:00		88	64			87	35				
09:15		98	69			97	34				
09:30		94	56			74	33				
09:45		93	41	373	230	91	41	349	143	722	373
10:00		96	37			87	25				
10:15		122	27			83	28				
10:30		116	33			95	8				
10:45		122	27	456	124	85	18	350	79	806	203
11:00		**147**	30			86	20				
11:15		**133**	22			106	14				
11:30		**171**	15			112	15				
11:45		**164**	17	615	84	113	8	417	57	1032	141
Total		2540	6312	2540	6312	2288	3876	2288	3876	4828	10188
Combined Total		8852		8852		6164		6164		15016	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	615	-	-	-	449	-	-	-	-	-
P.H.F.		0.899				0.877					
PM Peak	-	-	04:45	-	-	-	01:00	-	-	-	-
Vol.	-	-	915	-	-	-	543	-	-	-	-
P.H.F.			0.890				0.917				
Percentage		28.7%	71.3%			37.1%	62.9%				
ADT/AADT		ADT 15,016		AADT 15,016							

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PO Box 1178
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City of Irvine
Rockfield Boulevard
B/ Thomas - Bake Parkway

File Name 328
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	35			2	63				
12:15	2	47			2	46				
12:30	0	30			1	47				
12:45	0	32	2	144	0	38	5	194	7	338
1:00	0	45			0	42				
1:15	3	36			0	37				
1:30	0	38			0	99				
1:45	1	34	4	153	2	50	2	228	6	381
2:00	0	27			0	79				
2:15	0	34			0	44				
2:30	0	21			0	100				
2:45	0	30	0	112	0	47	0	270	0	382
3:00	0	23			0	73				
3:15	1	16			0	47				
3:30	0	29			2	85				
3:45	1	34	2	102	1	70	3	275	5	377
4:00	3	21			2	92				
4:15	3	15			0	77				
4:30	10	20			3	89				
4:45	17	20	33	76	2	76	7	334	40	410
5:00	16	22			3	125				
5:15	31	13			6	71				
5:30	12	12			7	63				
5:45	27	8	86	55	12	45	28	304	114	359
6:00	15	12			9	43				
6:15	19	7			10	35				
6:30	27	8			8	29				
6:45	46	7	107	34	14	26	41	133	148	167
7:00	38	13			20	20				
7:15	34	4			20	10				
7:30	40	8			19	8				
7:45	43	1	155	26	25	6	84	44	239	70
8:00	67	2			32	9				
8:15	46	5			18	8				
8:30	48	2			20	3				
8:45	57	1	218	10	35	2	105	22	323	32
9:00	56	3			32	8				
9:15	36	5			35	9				
9:30	48	2			20	7				
9:45	35	1	175	11	20	5	107	29	282	40
10:00	30	1			20	7				
10:15	26	2			35	5				
10:30	30	3			32	23				
10:45	21	3	107	9	27	3	114	38	221	47
11:00	30	0			44	2				
11:15	27	0			35	1				
11:30	31	2			36	0				
11:45	32	0	120	2	41	2	156	5	276	7
Totals	1009	734			652	1876				
Combined Totals		1743				2528				
ADT										4271
AM Peak Hour	800	AM			1100	AM				
Volume	218				156					
P.H.F.	0.813				0.886					
PM Peak Hour		1215	PM			415	PM			
Volume		154				367				
P.H.F.		0.819				0.734				
Percentage	57.9%	42.1%			25.8%	74.2%				

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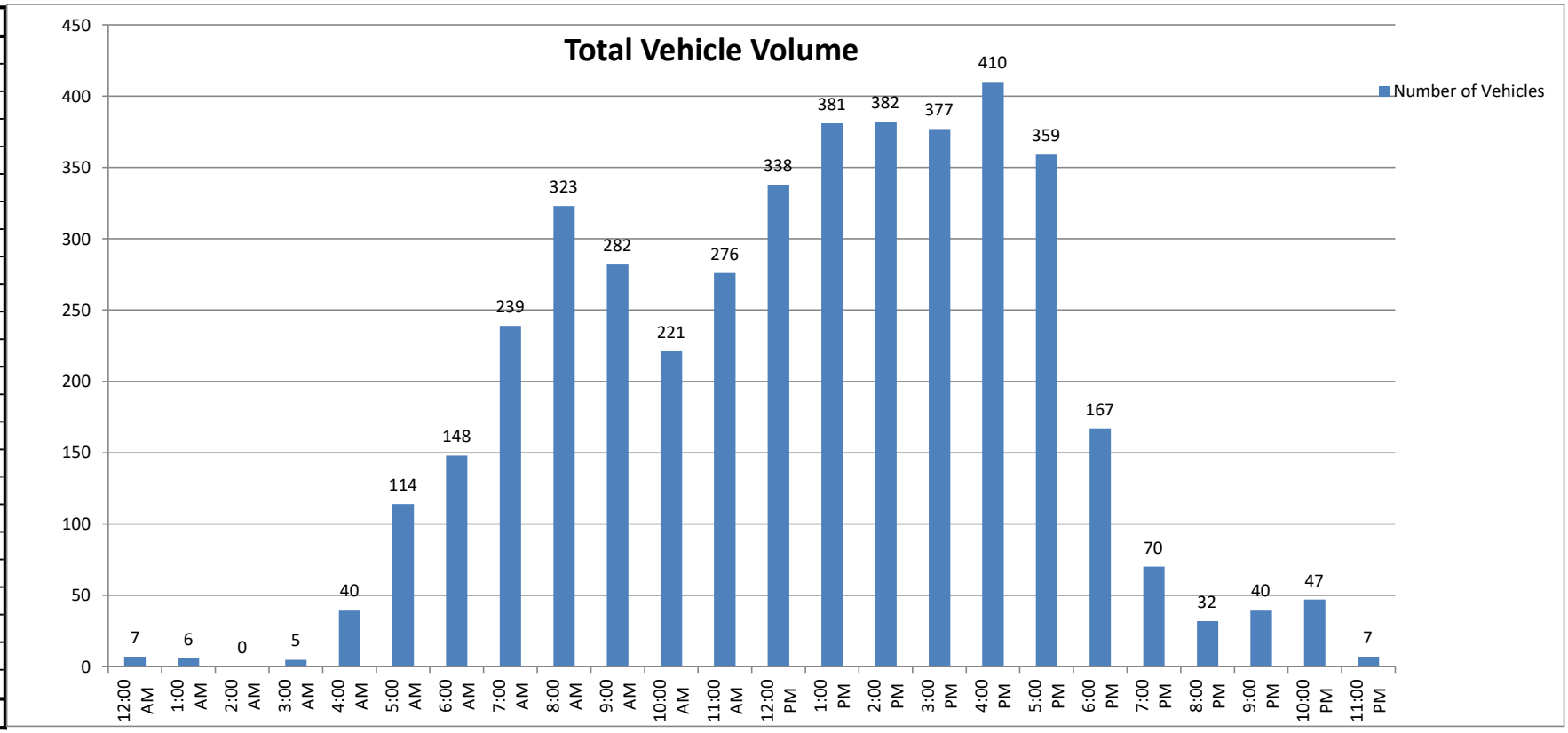
24 Hour Volume Plot

Rockfield Boulevard
B/ Thomas - Bake Parkway

3/19/2024

Start Time	3/19/2024
12:00 AM	7
1:00 AM	6
2:00 AM	0
3:00 AM	5
4:00 AM	40
5:00 AM	114
6:00 AM	148
7:00 AM	239
8:00 AM	323
9:00 AM	282
10:00 AM	221
11:00 AM	276
12:00 PM	338
1:00 PM	381
2:00 PM	382
3:00 PM	377
4:00 PM	410
5:00 PM	359
6:00 PM	167
7:00 PM	70
8:00 PM	32
9:00 PM	40
10:00 PM	47
11:00 PM	7
Total	4271



Volumes represent the combined totals for both directions

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City of Irvine
Rockfield Boulevard
B/ Thomas - Bake Parkway

File Name 328
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	42			0	63				
12:15	2	40			6	45				
12:30	0	48			1	47				
12:45	0	37	4	167	0	39	7	194	11	361
1:00	0	27			1	49				
1:15	3	40			0	44				
1:30	0	37			0	88				
1:45	1	32	4	136	0	52	1	233	5	369
2:00	0	31			2	76				
2:15	1	21			0	50				
2:30	0	31			0	89				
2:45	0	22	1	105	1	36	3	251	4	356
3:00	0	22			0	77				
3:15	0	17			0	42				
3:30	1	25			1	86				
3:45	2	36	3	100	3	87	4	292	7	392
4:00	2	18			0	113				
4:15	2	25			2	62				
4:30	12	13			4	80				
4:45	16	22	32	78	0	74	6	329	38	407
5:00	22	21			5	127				
5:15	29	20			3	83				
5:30	13	6			7	55				
5:45	36	3	100	50	6	43	21	308	121	358
6:00	18	8			8	36				
6:15	23	8			11	31				
6:30	23	5			9	27				
6:45	42	7	106	28	14	20	42	114	148	142
7:00	38	5			13	19				
7:15	37	5			18	9				
7:30	44	4			24	8				
7:45	53	6	172	20	16	9	71	45	243	65
8:00	54	6			26	11				
8:15	55	3			23	5				
8:30	55	3			23	2				
8:45	45	4	209	16	20	4	92	22	301	38
9:00	48	4			37	2				
9:15	39	1			35	1				
9:30	41	0			35	3				
9:45	34	4	162	9	27	1	134	7	296	16
10:00	28	3			29	4				
10:15	37	1			36	5				
10:30	39	3			32	5				
10:45	26	0	130	7	21	3	118	17	248	24
11:00	18	3			27	4				
11:15	30	0			35	0				
11:30	27	0			51	13				
11:45	38	1	113	4	44	2	157	19	270	23
Totals	1036	720			656	1831				
Combined Totals		1756				2487				
ADT										4243
AM Peak Hour	745 AM				1100 AM					
Volume	217				157					
P.H.F.	0.986				0.770					
PM Peak Hour		0 PM				430 PM				
Volume		167				364				
P.H.F.		0.870				0.717				
Percentage	59.0%	41.0%			26.4%	73.6%				

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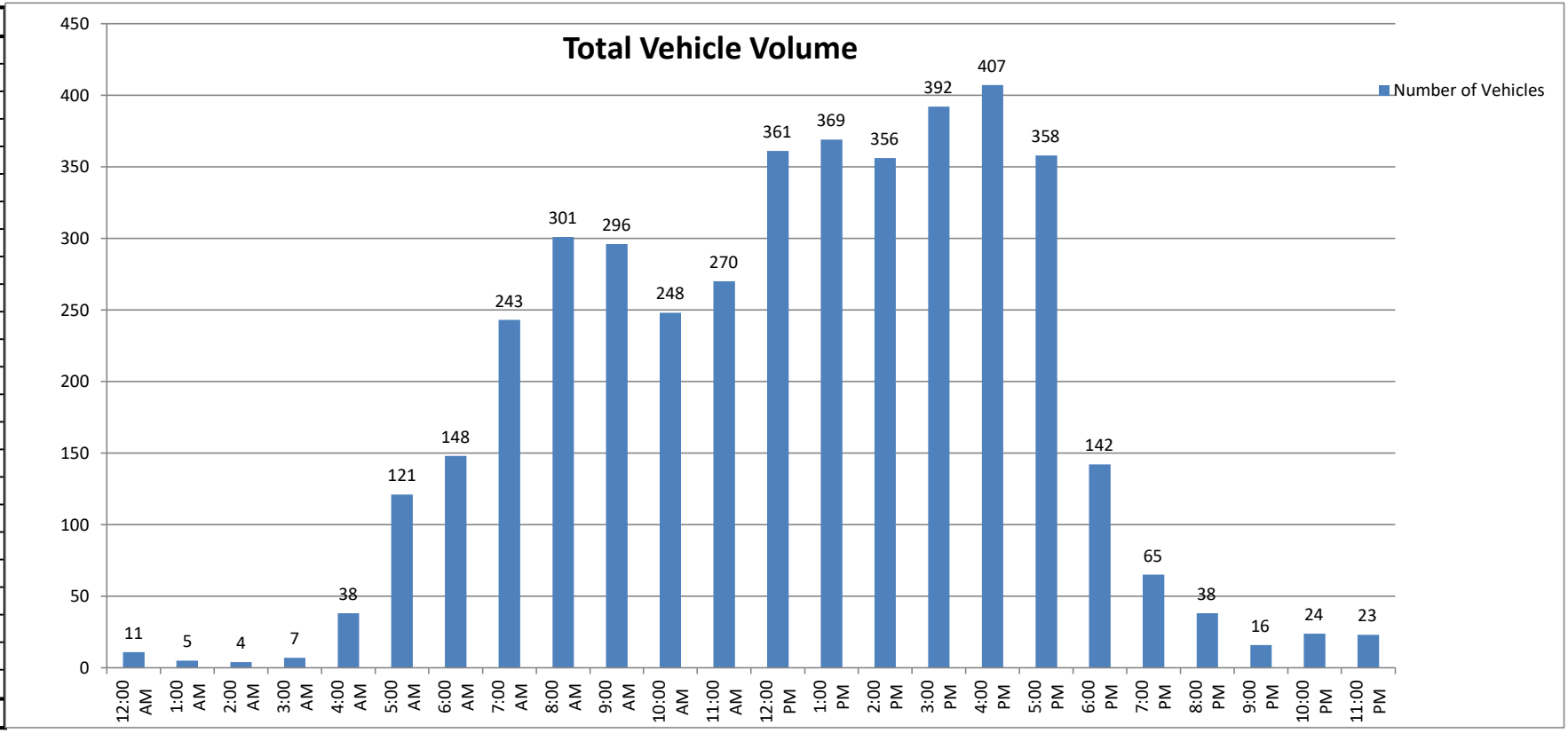
Corona, CA 92878

24 Hour Volume Plot

Rockfield Boulevard
B/ Thomas - Bake Parkway
3/20/2024

Start Time	3/20/2024
12:00 AM	11
1:00 AM	5
2:00 AM	4
3:00 AM	7
4:00 AM	38
5:00 AM	121
6:00 AM	148
7:00 AM	243
8:00 AM	301
9:00 AM	296
10:00 AM	248
11:00 AM	270
12:00 PM	361
1:00 PM	369
2:00 PM	356
3:00 PM	392
4:00 PM	407
5:00 PM	358
6:00 PM	142
7:00 PM	65
8:00 PM	38
9:00 PM	16
10:00 PM	24
11:00 PM	23
Total	4243



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Rockfield Boulevard
B/ Thomas - Bake Parkway

File Name 328
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	39			1	63				
12:15	2	44			4	46				
12:30	0	39			1	47				
12:45	0	35	3	156	0	39	6	194	9	350
1:00	0	36			1	46				
1:15	3	38			0	41				
1:30	0	38			0	94				
1:45	1	33	4	145	1	51	2	231	6	375
2:00	0	29			1	78				
2:15	1	28			0	47				
2:30	0	26			0	95				
2:45	0	26	1	109	1	42	2	261	2	369
3:00	0	23			0	75				
3:15	1	17			0	45				
3:30	1	27			2	86				
3:45	2	35	3	101	2	79	4	284	6	385
4:00	3	20			1	103				
4:15	3	20			1	70				
4:30	11	17			4	85				
4:45	17	21	33	77	1	75	7	332	39	409
5:00	19	22			4	126				
5:15	30	17			5	77				
5:30	13	9			7	59				
5:45	32	6	93	53	9	44	25	306	118	359
6:00	17	10			9	40				
6:15	21	8			11	33				
6:30	25	7			9	28				
6:45	44	7	107	31	14	23	42	124	148	155
7:00	38	9			17	20				
7:15	36	5			19	10				
7:30	42	6			22	8				
7:45	48	4	164	23	21	8	78	45	241	68
8:00	61	4			29	10				
8:15	51	4			21	7				
8:30	52	3			22	3				
8:45	51	3	214	13	28	3	99	22	312	35
9:00	52	4			35	5				
9:15	38	3			35	5				
9:30	45	1			28	5				
9:45	35	3	169	10	24	3	121	18	289	28
10:00	29	2			25	6				
10:15	32	2			36	5				
10:30	35	3			32	14				
10:45	24	2	119	8	24	3	116	28	235	36
11:00	24	2			36	3				
11:15	29	0			35	1				
11:30	29	1			44	7				
11:45	35	1	117	3	43	2	157	12	273	15
Totals	1023	727			654	1854				
Combined Totals		1750				2508				
ADT										4257
AM Peak Hour	800	AM			1100	AM				
Volume	214				157					
P.H.F.	0.882				0.899					
PM Peak Hour		0	PM			430	PM			
Volume		156				363				
P.H.F.		0.894				0.719				
Percentage	58.4%	41.6%			26.1%	73.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Rockfield Boulevard
W/ Ridge Route Drive
24 Hour Directional Volume Count

LKF138
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		18	187			7	116				
12:15		16	175			10	139				
12:30		18	200			6	154				
12:45		7	182	59	744	12	144	35	553	94	1297
01:00		7	192			9	**130**				
01:15		7	194			8	**154**				
01:30		10	201			3	**158**				
01:45		9	161	33	748	1	**155**	21	597	54	1345
02:00		4	173			2	122				
02:15		7	193			4	99				
02:30		3	185			5	134				
02:45		5	194	19	745	9	131	20	486	39	1231
03:00		7	215			2	129				
03:15		7	196			9	115				
03:30		2	231			6	102				
03:45		5	231	21	873	4	112	21	458	42	1331
04:00		4	235			9	107				
04:15		3	236			15	117				
04:30		6	266			17	114				
04:45		13	**254**	26	991	14	143	55	481	81	1472
05:00		8	**264**			19	122				
05:15		9	**267**			14	130				
05:30		12	**301**			42	108				
05:45		20	235	49	1067	35	107	110	467	159	1534
06:00		20	200			45	102				
06:15		30	187			67	96				
06:30		33	179			84	85				
06:45		41	152	124	718	96	90	292	373	416	1091
07:00		76	120			110	69				
07:15		77	135			121	79				
07:30		67	125			141	71				
07:45		107	94	327	474	**157**	62	529	281	856	755
08:00		103	92			**156**	62				
08:15		108	88			**181**	48				
08:30		119	98			**157**	30				
08:45		113	66	443	344	126	33	620	173	1063	517
09:00		96	84			114	37				
09:15		106	95			112	36				
09:30		116	76			105	36				
09:45		96	51	414	306	126	43	457	152	871	458
10:00		102	47			98	23				
10:15		133	44			100	26				
10:30		123	46			109	14				
10:45		123	35	481	172	116	15	423	78	904	250
11:00		**154**	38			98	16				
11:15		**150**	28			126	15				
11:30		**182**	24			127	15				
11:45		**173**	18	659	108	132	9	483	55	1142	163
Total		2655	7290	2655	7290	3066	4154	3066	4154	5721	11444
Combined Total		9945		9945		7220		7220		17165	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	659	-	-	-	651	-	-	-	-	-
P.H.F.		0.905				0.899					
PM Peak	-	-	04:45	-	-	-	01:00	-	-	-	-
Vol.	-	-	1086	-	-	-	597	-	-	-	-
P.H.F.			0.902				0.945				
Percentage		26.7%	73.3%			42.5%	57.5%				
ADT/AADT		ADT 17,165		AADT 17,165							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Rockfield Boulevard
B/ Whatney - McLaren

File Name 329
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	90			9	141				
12:15	2	124			5	108				
12:30	5	133			2	105				
12:45	4	101	15	448	2	110	18	464	33	912
1:00	6	113			1	104				
1:15	1	106			2	89				
1:30	2	100			8	84				
1:45	2	81	11	400	2	98	13	375	24	775
2:00	2	78			1	84				
2:15	1	71			1	78				
2:30	2	82			3	93				
2:45	1	77	6	308	0	85	5	340	11	648
3:00	3	77			3	101				
3:15	0	73			2	90				
3:30	2	76			2	79				
3:45	0	66	5	292	3	95	10	365	15	657
4:00	2	68			2	94				
4:15	2	71			1	89				
4:30	3	84			4	106				
4:45	7	60	14	283	4	119	11	408	25	691
5:00	9	87			4	106				
5:15	4	72			8	100				
5:30	12	65			11	78				
5:45	27	63	52	287	23	79	46	363	98	650
6:00	18	70			16	78				
6:15	15	58			15	63				
6:30	17	61			39	63				
6:45	47	38	97	227	34	44	104	248	201	475
7:00	47	46			47	66				
7:15	54	24			55	32				
7:30	62	35			56	39				
7:45	96	46	259	151	74	27	232	164	491	315
8:00	78	28			84	26				
8:15	65	21			86	37				
8:30	89	18			72	19				
8:45	72	14	304	81	67	13	309	95	613	176
9:00	86	20			72	25				
9:15	60	22			73	22				
9:30	77	16			73	13				
9:45	60	13	283	71	94	9	312	69	595	140
10:00	55	9			82	15				
10:15	75	14			88	11				
10:30	75	11			76	2				
10:45	73	12	278	46	99	8	345	36	623	82
11:00	69	12			92	3				
11:15	78	3			96	5				
11:30	103	7			121	2				
11:45	91	7	341	29	125	6	434	16	775	45
Totals	1665	2623			1839	2943				
Combined Totals		4288				4782				
ADT										9070
AM Peak Hour	1100 AM				1100 AM					
Volume	341				434					
P.H.F.	0.828				0.868					
PM Peak Hour		1215 PM				1200 PM				
Volume		471				464				
P.H.F.		0.885				0.823				
Percentage	38.8%	61.2%			38.5%	61.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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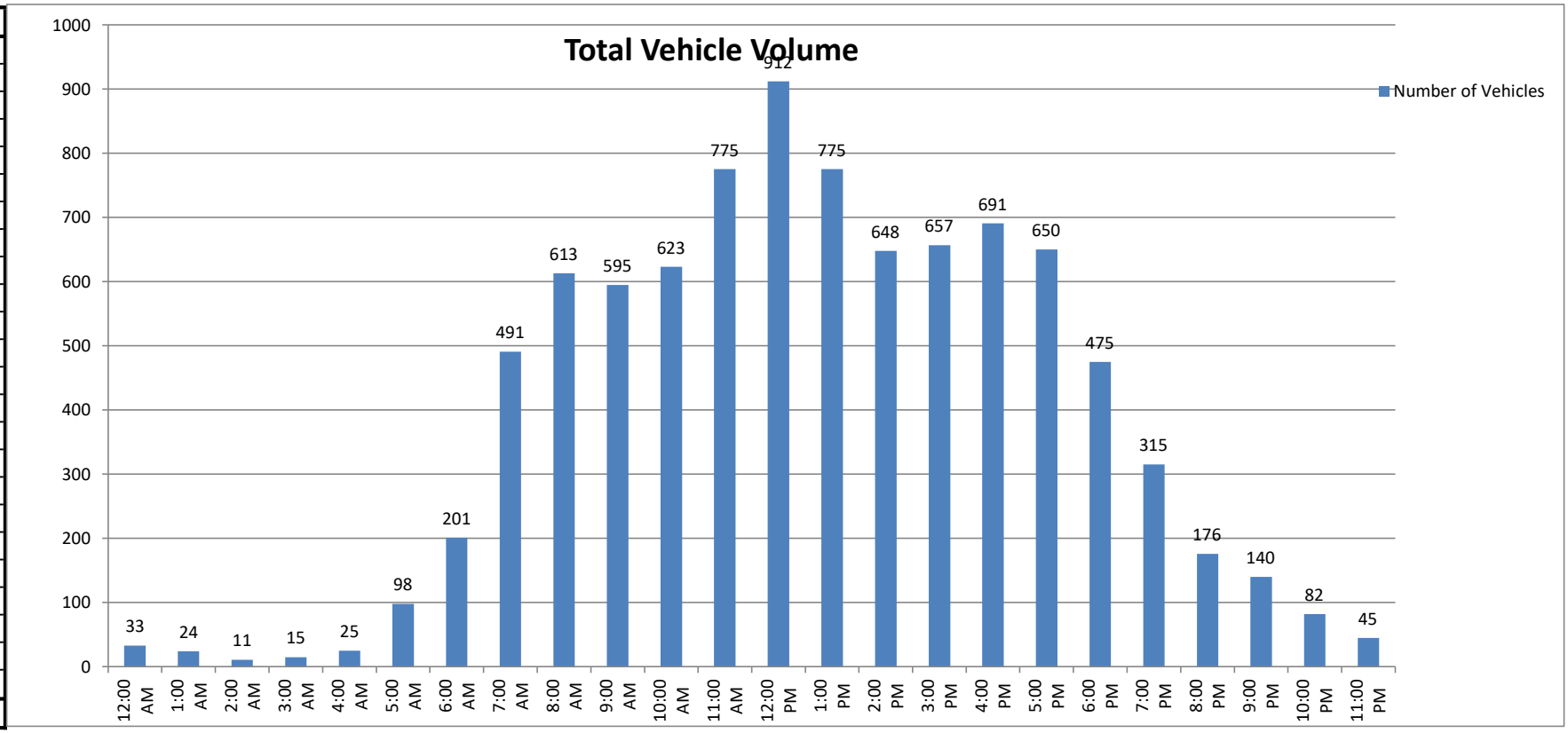
24 Hour Volume Plot

Rockfield Boulevard
B/ Whatney - McLaren

3/19/2024

Start Time	3/19/2024
12:00 AM	33
1:00 AM	24
2:00 AM	11
3:00 AM	15
4:00 AM	25
5:00 AM	98
6:00 AM	201
7:00 AM	491
8:00 AM	613
9:00 AM	595
10:00 AM	623
11:00 AM	775
12:00 PM	912
1:00 PM	775
2:00 PM	648
3:00 PM	657
4:00 PM	691
5:00 PM	650
6:00 PM	475
7:00 PM	315
8:00 PM	176
9:00 PM	140
10:00 PM	82
11:00 PM	45
Total	9070



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Rockfield Boulevard
B/ Whatney - McLaren

File Name 329
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	126			1	151				
12:15	4	124			4	120				
12:30	2	137			1	108				
12:45	2	139	12	526	5	125	11	504	23	1030
1:00	5	112			1	96				
1:15	4	120			3	107				
1:30	5	110			4	87				
1:45	2	96	16	438	0	80	8	370	24	808
2:00	3	96			2	71				
2:15	0	65			2	87				
2:30	3	87			0	87				
2:45	2	67	8	315	3	89	7	334	15	649
3:00	2	68			3	82				
3:15	0	66			1	82				
3:30	2	84			0	79				
3:45	1	57	5	275	2	95	6	338	11	613
4:00	4	91			2	109				
4:15	1	65			2	88				
4:30	3	64			8	88				
4:45	9	73	17	293	4	115	16	400	33	693
5:00	4	82			5	90				
5:15	10	60			2	108				
5:30	11	61			11	75				
5:45	30	57	55	260	16	94	34	367	89	627
6:00	20	66			20	81				
6:15	15	48			20	66				
6:30	23	45			32	51				
6:45	44	54	102	213	45	44	117	242	219	455
7:00	42	45			41	48				
7:15	63	37			44	45				
7:30	64	33			65	35				
7:45	77	30	246	145	72	20	222	148	468	293
8:00	72	38			72	25				
8:15	87	28			78	29				
8:30	92	17			60	34				
8:45	82	31	333	114	80	28	290	116	623	230
9:00	70	30			79	21				
9:15	72	31			81	20				
9:30	69	16			85	15				
9:45	65	22	276	99	83	9	328	65	604	164
10:00	73	14			77	12				
10:15	64	14			74	14				
10:30	76	4			98	17				
10:45	78	13	291	45	97	7	346	50	637	95
11:00	64	2			92	5				
11:15	88	5			90	3				
11:30	76	7			112	8				
11:45	94	4	322	18	142	4	436	20	758	38
Totals	1683	2741			1821	2954				
Combined Totals		4424				4775				
ADT										9199
AM Peak Hour	800	AM			1100	AM				
Volume	333				436					
P.H.F.	0.905				0.768					
PM Peak Hour		0	PM			1200	PM			
Volume		526				504				
P.H.F.		0.946				0.834				
Percentage	38.0%	62.0%			38.1%	61.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

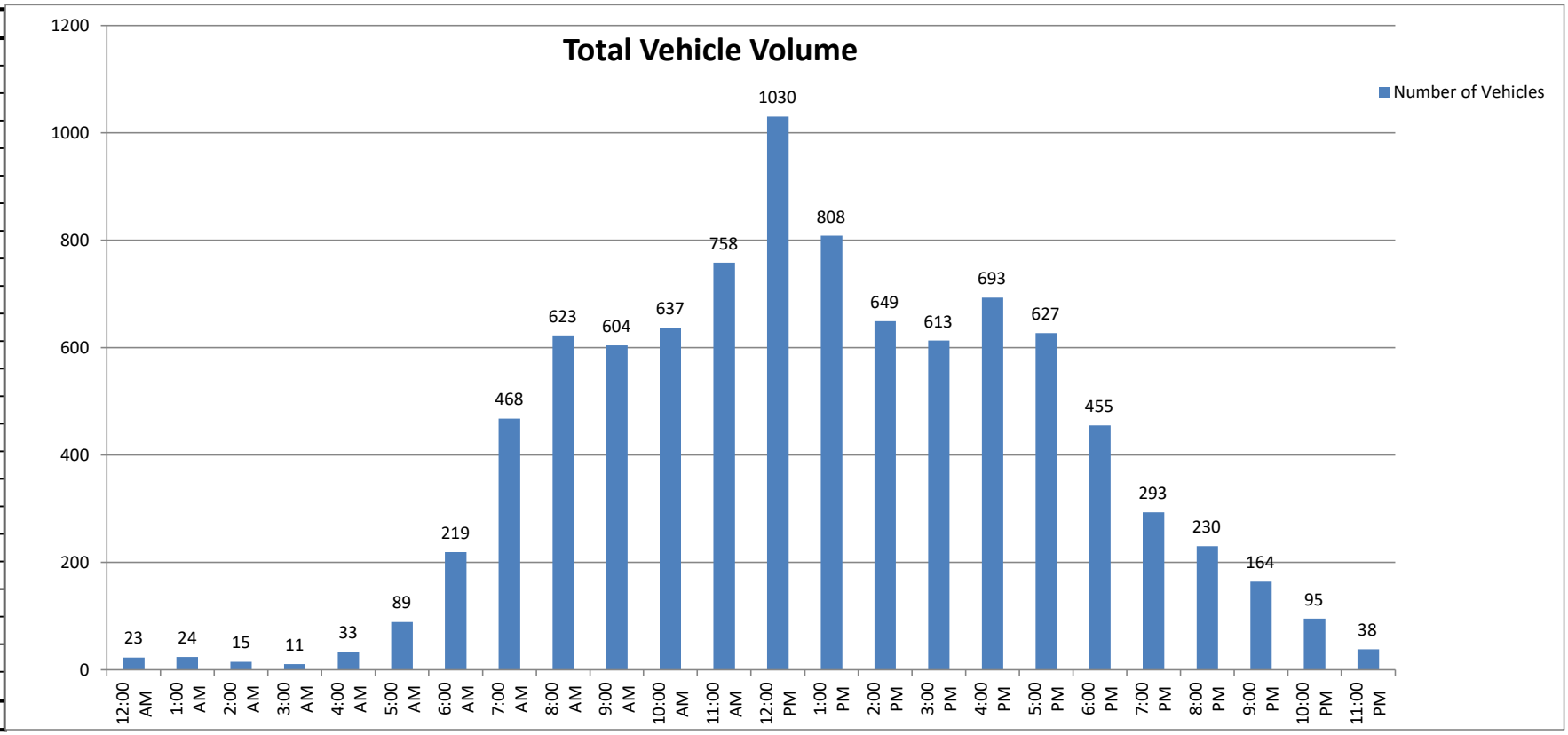
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Rockfield Boulevard
B/ Whatney - McLaren

3/20/2024

Start Time	3/20/2024
12:00 AM	23
1:00 AM	24
2:00 AM	15
3:00 AM	11
4:00 AM	33
5:00 AM	89
6:00 AM	219
7:00 AM	468
8:00 AM	623
9:00 AM	604
10:00 AM	637
11:00 AM	758
12:00 PM	1030
1:00 PM	808
2:00 PM	649
3:00 PM	613
4:00 PM	693
5:00 PM	627
6:00 PM	455
7:00 PM	293
8:00 PM	230
9:00 PM	164
10:00 PM	95
11:00 PM	38
Total	9199



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Rockfield Boulevard
B/ Whatney - McLaren

File Name 329
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	108			5	146				
12:15	3	124			5	114				
12:30	4	135			2	107				
12:45	3	120	14	487	4	118	15	484	28	971
1:00	6	113			1	100				
1:15	3	113			3	98				
1:30	4	105			6	86				
1:45	2	89	14	419	1	89	11	373	24	792
2:00	3	87			2	78				
2:15	1	68			2	83				
2:30	3	85			2	90				
2:45	2	72	7	312	2	87	6	337	13	649
3:00	3	73			3	92				
3:15	0	70			2	86				
3:30	2	80			1	79				
3:45	1	62	5	284	3	95	8	352	13	635
4:00	3	80			2	102				
4:15	2	68			2	89				
4:30	3	74			6	97				
4:45	8	67	16	288	4	117	14	404	29	692
5:00	7	85			5	98				
5:15	7	66			5	104				
5:30	12	63			11	77				
5:45	29	60	54	274	20	87	40	365	94	639
6:00	19	68			18	80				
6:15	15	53			18	65				
6:30	20	53			36	57				
6:45	46	46	100	220	40	44	111	245	210	465
7:00	45	46			44	57				
7:15	59	31			50	39				
7:30	63	34			61	37				
7:45	87	38	253	148	73	24	227	156	480	304
8:00	75	33			78	26				
8:15	76	25			82	33				
8:30	91	18			66	27				
8:45	77	23	319	98	74	21	300	106	618	203
9:00	78	25			76	23				
9:15	66	27			77	21				
9:30	73	16			79	14				
9:45	63	18	280	85	89	9	320	67	600	152
10:00	64	12			80	14				
10:15	70	14			81	13				
10:30	76	8			87	10				
10:45	76	13	285	46	98	8	346	43	630	89
11:00	67	7			92	4				
11:15	83	4			93	4				
11:30	90	7			117	5				
11:45	93	6	332	24	134	5	435	18	767	42
Totals	1674	2682			1830	2949				
Combined Totals		4356				4779				
ADT										9135
AM Peak Hour	1100 AM				1100 AM					
Volume	332				435					
P.H.F.	0.896				0.815					
PM Peak Hour		1215 PM				1200 PM				
Volume		492				484				
P.H.F.		0.910				0.829				
Percentage	38.4%	61.6%			38.3%	61.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Roosevelt
B/ Bay Tree - Sand Canyon Avenue

File Name 333
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	49			1	31				
12:15	2	32			3	26				
12:30	1	30			1	24				
12:45	0	46	4	157	1	34	6	115	10	272
1:00	0	40			2	46				
1:15	2	68			1	45				
1:30	0	57			0	32				
1:45	1	42	3	207	0	44	3	167	6	374
2:00	1	33			0	32				
2:15	2	40			0	28				
2:30	1	35			0	36				
2:45	0	40	4	148	2	44	2	140	6	288
3:00	1	52			0	46				
3:15	1	66			2	54				
3:30	0	42			2	54				
3:45	2	59	4	219	0	63	4	217	8	436
4:00	2	50			0	62				
4:15	0	50			1	40				
4:30	4	37			1	44				
4:45	1	47	7	184	0	65	2	211	9	395
5:00	3	58			0	78				
5:15	3	56			4	65				
5:30	6	50			1	50				
5:45	7	57	19	221	5	46	10	239	29	460
6:00	2	62			2	32				
6:15	8	56			4	37				
6:30	9	62			6	38				
6:45	22	32	41	212	12	37	24	144	65	356
7:00	15	54			14	28				
7:15	17	39			20	32				
7:30	36	31			18	22				
7:45	50	23	118	147	57	22	109	104	227	251
8:00	66	36			76	25				
8:15	65	22			44	16				
8:30	86	22			51	26				
8:45	63	24	280	104	27	27	198	94	478	198
9:00	37	19			25	15				
9:15	37	18			35	13				
9:30	36	23			30	10				
9:45	22	9	132	69	27	8	117	46	249	115
10:00	38	10			24	7				
10:15	28	12			23	7				
10:30	28	3			25	7				
10:45	28	4	122	29	26	5	98	26	220	55
11:00	34	6			32	4				
11:15	31	3			31	1				
11:30	30	5			29	5				
11:45	32	2	127	16	20	2	112	12	239	28
Totals	861	1713			685	1515				
Combined Totals		2574				2200				
ADT										4774
AM Peak Hour	800	AM			745	AM				
Volume	280				228					
P.H.F.	0.814				0.750					
PM Peak Hour		545	PM			445	PM			
Volume		237				258				
P.H.F.		0.956				0.827				
Percentage	33.4%	66.6%			31.1%	68.9%				

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PO Box 1178
Corona, CA 92878

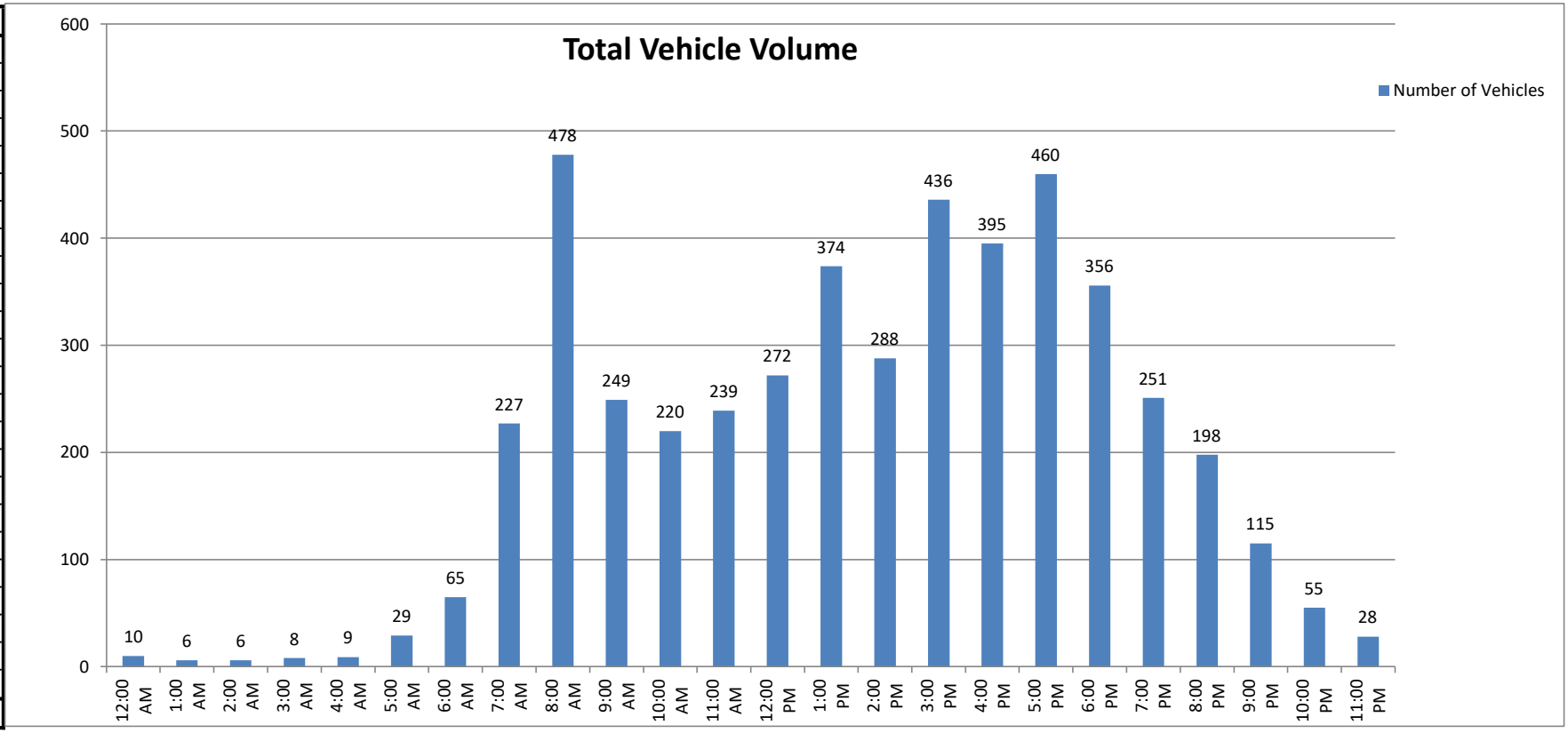
24 Hour Volume Plot

Roosevelt

B/ Bay Tree - Sand Canyon Avenue

5/1/2024

Start Time	5/1/2024
12:00 AM	10
1:00 AM	6
2:00 AM	6
3:00 AM	8
4:00 AM	9
5:00 AM	29
6:00 AM	65
7:00 AM	227
8:00 AM	478
9:00 AM	249
10:00 AM	220
11:00 AM	239
12:00 PM	272
1:00 PM	374
2:00 PM	288
3:00 PM	436
4:00 PM	395
5:00 PM	460
6:00 PM	356
7:00 PM	251
8:00 PM	198
9:00 PM	115
10:00 PM	55
11:00 PM	28
Total	4774



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Roosevelt
B/ Bay Tree - Sand Canyon Avenue

File Name 333
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	38			5	25				
12:15	0	28			1	24				
12:30	3	29			3	21				
12:45	2	29	5	124	1	26	10	96	15	220
1:00	2	30			1	16				
1:15	2	28			0	20				
1:30	1	27			0	29				
1:45	0	35	5	120	1	28	2	93	7	213
2:00	1	39			0	46				
2:15	0	64			1	52				
2:30	1	56			0	37				
2:45	0	44	2	203	0	54	1	189	3	392
3:00	1	62			0	62				
3:15	0	63			0	55				
3:30	0	48			1	46				
3:45	0	40	1	213	0	49	1	212	2	425
4:00	3	64			1	44				
4:15	2	47			0	47				
4:30	0	44			0	57				
4:45	1	46	6	201	1	56	2	204	8	405
5:00	0	51			1	73				
5:15	1	65			4	52				
5:30	5	58			5	69				
5:45	7	76	13	250	2	52	12	246	25	496
6:00	5	60			1	38				
6:15	9	56			4	50				
6:30	10	44			3	43				
6:45	16	26	40	186	10	38	18	169	58	355
7:00	14	27			8	29				
7:15	28	38			28	38				
7:30	39	33			25	23				
7:45	44	31	125	129	52	23	113	113	238	242
8:00	54	31			76	24				
8:15	72	22			43	25				
8:30	74	24			68	23				
8:45	54	24	254	101	26	16	213	88	467	189
9:00	33	22			23	12				
9:15	31	23			20	13				
9:30	22	16			28	11				
9:45	24	16	110	77	23	15	94	51	204	128
10:00	24	13			21	7				
10:15	20	3			28	8				
10:30	28	5			33	9				
10:45	30	4	102	25	24	1	106	25	208	50
11:00	21	3			32	3				
11:15	30	2			28	5				
11:30	32	8			32	5				
11:45	32	3	115	16	25	4	117	17	232	33
Totals	778	1645			689	1503				
Combined Totals		2423				2192				
ADT										4615
AM Peak Hour	800	AM			745	AM				
Volume	254				239					
P.H.F.	0.858				0.786					
PM Peak Hour		515	PM			445	PM			
Volume		259				250				
P.H.F.		0.852				0.856				
Percentage	32.1%	67.9%			31.4%	68.6%				

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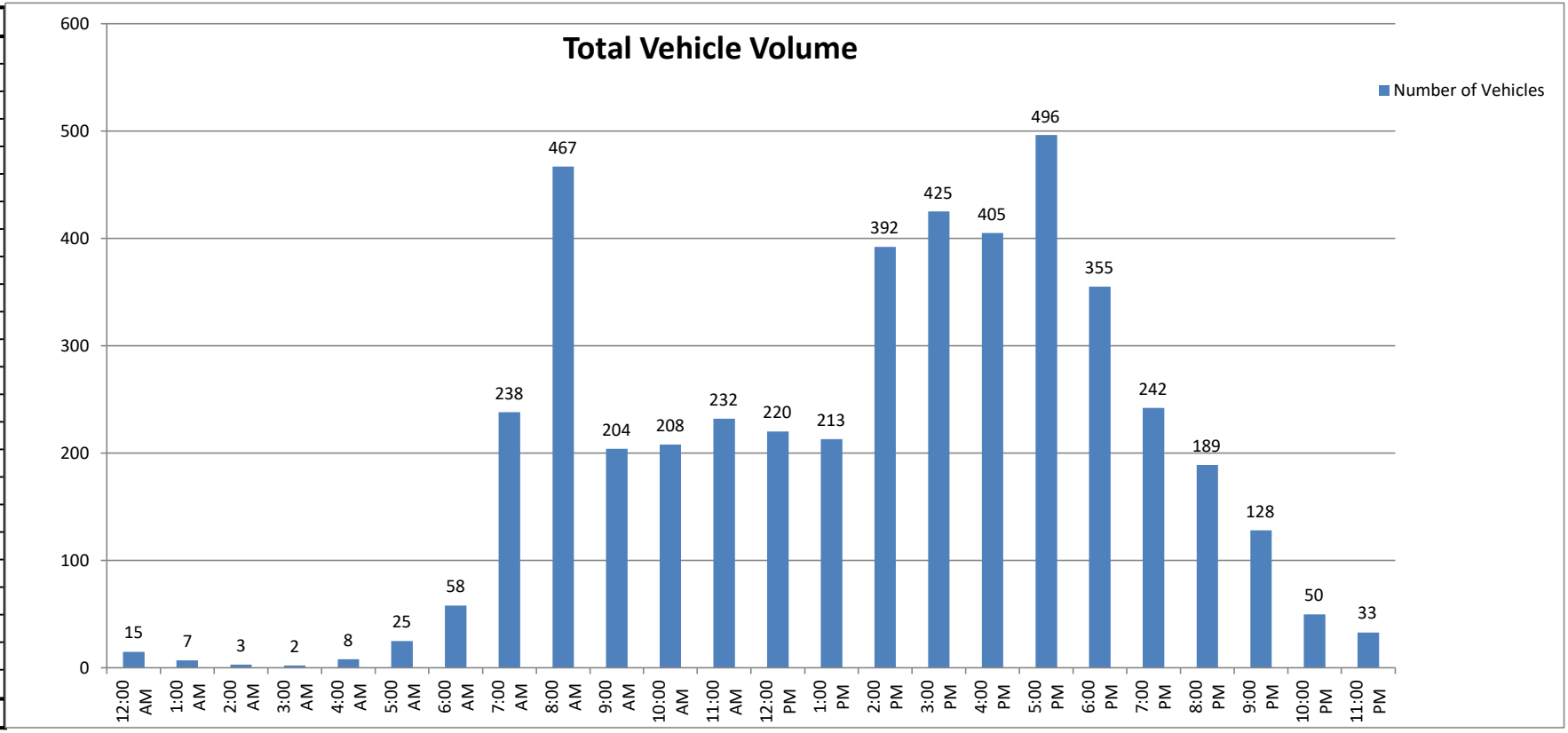
24 Hour Volume Plot

Roosevelt

B/ Bay Tree - Sand Canyon Avenue

5/2/2024

Start Time	5/2/2024
12:00 AM	15
1:00 AM	7
2:00 AM	3
3:00 AM	2
4:00 AM	8
5:00 AM	25
6:00 AM	58
7:00 AM	238
8:00 AM	467
9:00 AM	204
10:00 AM	208
11:00 AM	232
12:00 PM	220
1:00 PM	213
2:00 PM	392
3:00 PM	425
4:00 PM	405
5:00 PM	496
6:00 PM	355
7:00 PM	242
8:00 PM	189
9:00 PM	128
10:00 PM	50
11:00 PM	33
Total	4615



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Roosevelt
B/ Bay Tree - Sand Canyon Avenue

File Name 333
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	44			3	28				
12:15	1	30			2	25				
12:30	2	30			2	23				
12:45	1	38	5	141	1	30	8	106	13	246
1:00	1	35			2	31				
1:15	2	48			1	33				
1:30	1	42			0	31				
1:45	1	39	4	164	1	36	3	130	7	294
2:00	1	36			0	39				
2:15	1	52			1	40				
2:30	1	46			0	37				
2:45	0	42	3	176	1	49	2	165	5	340
3:00	1	57			0	54				
3:15	1	65			1	55				
3:30	0	45			2	50				
3:45	1	50	3	216	0	56	3	215	5	431
4:00	3	57			1	53				
4:15	1	49			1	44				
4:30	2	41			1	51				
4:45	1	47	7	193	1	61	2	208	9	400
5:00	2	55			1	76				
5:15	2	61			4	59				
5:30	6	54			3	60				
5:45	7	67	16	236	4	49	11	243	27	478
6:00	4	61			2	35				
6:15	9	56			4	44				
6:30	10	53			5	41				
6:45	19	29	41	199	11	38	21	157	62	356
7:00	15	41			11	29				
7:15	23	39			24	35				
7:30	38	32			22	23				
7:45	47	27	122	138	55	23	111	109	233	247
8:00	60	34			76	25				
8:15	69	22			44	21				
8:30	80	23			60	25				
8:45	59	24	267	103	27	22	206	91	473	194
9:00	35	21			24	14				
9:15	34	21			28	13				
9:30	29	20			29	11				
9:45	23	13	121	73	25	12	106	49	227	122
10:00	31	12			23	7				
10:15	24	8			26	8				
10:30	28	4			29	8				
10:45	29	4	112	27	25	3	102	26	214	53
11:00	28	5			32	4				
11:15	31	3			30	3				
11:30	31	7			31	5				
11:45	32	3	121	16	23	3	115	15	236	31
Totals	820	1679			687	1509				
Combined Totals		2499				2196				
ADT										4695
AM Peak Hour	800	AM			745	AM				
Volume	267				234					
P.H.F.	0.834				0.768					
PM Peak Hour		515	PM			445	PM			
Volume		242				254				
P.H.F.		0.910				0.841				
Percentage	32.8%	67.2%			31.3%	68.7%				

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City of Irvine
Roosevelt
B/ Jeffrey Road - Visions

File Name 331
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	96			8	88				
12:15	15	90			5	65				
12:30	9	68			4	69				
12:45	4	93	38	347	0	68	17	290	55	637
1:00	9	102			3	77				
1:15	7	78			1	87				
1:30	5	94			2	100				
1:45	2	92	23	366	1	92	7	356	30	722
2:00	4	97			2	112				
2:15	4	107			3	92				
2:30	2	98			1	81				
2:45	1	114	11	416	5	78	11	363	22	779
3:00	4	130			4	214				
3:15	4	97			5	142				
3:30	1	133			2	110				
3:45	4	152	13	512	4	123	15	589	28	1101
4:00	2	148			5	130				
4:15	2	130			4	112				
4:30	5	154			10	92				
4:45	3	148	12	580	8	110	27	444	39	1024
5:00	3	178			16	106				
5:15	5	164			16	124				
5:30	4	186			30	142				
5:45	20	150	32	678	34	146	96	518	128	1196
6:00	12	183			25	110				
6:15	20	184			34	80				
6:30	19	170			55	94				
6:45	30	139	81	676	71	108	185	392	266	1068
7:00	29	138			89	88				
7:15	40	119			89	64				
7:30	73	118			124	62				
7:45	66	93	208	468	199	76	501	290	709	758
8:00	73	104			238	58				
8:15	100	103			208	42				
8:30	114	90			279	51				
8:45	71	96	358	393	204	52	929	203	1287	596
9:00	61	80			106	35				
9:15	66	83			106	41				
9:30	56	69			122	28				
9:45	48	63	231	295	105	21	439	125	670	420
10:00	53	60			90	21				
10:15	47	44			85	23				
10:30	65	41			86	16				
10:45	52	32	217	177	87	11	348	71	565	248
11:00	56	29			84	9				
11:15	68	22			86	9				
11:30	76	19			86	7				
11:45	90	22	290	92	72	7	328	32	618	124
Totals	1514	5000			2903	3673				
Combined Totals		6514				6576				
ADT										13090
AM Peak Hour	800	AM			800	AM				
Volume	358				929					
P.H.F.	0.785				0.832					
PM Peak Hour		530	PM			300	PM			
Volume		703				589				
P.H.F.		0.945				0.688				
Percentage	23.2%	76.8%			44.1%	55.9%				

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Counts Unlimited, Inc.
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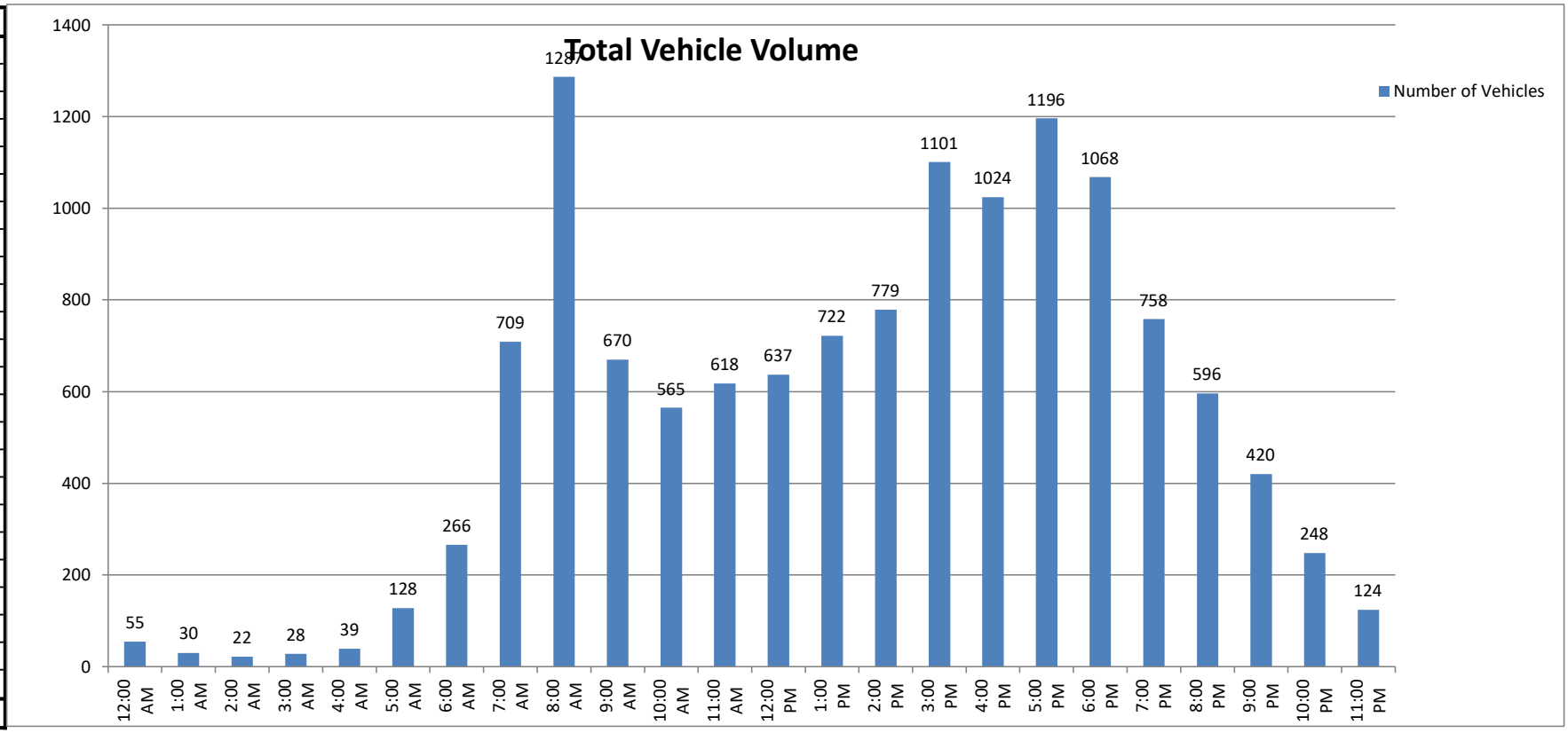
24 Hour Volume Plot

Roosevelt

B/ Jeffrey Road - Visions

5/1/2024

Start Time	5/1/2024
12:00 AM	55
1:00 AM	30
2:00 AM	22
3:00 AM	28
4:00 AM	39
5:00 AM	128
6:00 AM	266
7:00 AM	709
8:00 AM	1287
9:00 AM	670
10:00 AM	565
11:00 AM	618
12:00 PM	637
1:00 PM	722
2:00 PM	779
3:00 PM	1101
4:00 PM	1024
5:00 PM	1196
6:00 PM	1068
7:00 PM	758
8:00 PM	596
9:00 PM	420
10:00 PM	248
11:00 PM	124
Total	13090



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Roosevelt
B/ Jeffrey Road - Visions

File Name 331
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	77			10	120				
12:15	9	73			7	76				
12:30	9	74			4	67				
12:45	10	80	40	304	2	66	23	329	63	633
1:00	7	88			1	63				
1:15	5	66			2	65				
1:30	1	80			2	86				
1:45	4	96	17	330	2	62	7	276	24	606
2:00	4	86			1	88				
2:15	2	100			3	117				
2:30	4	102			4	84				
2:45	1	120	11	408	4	104	12	393	23	801
3:00	3	156			1	218				
3:15	4	103			5	144				
3:30	3	112			4	118				
3:45	2	140	12	511	4	144	14	624	26	1135
4:00	2	141			6	133				
4:15	1	130			5	106				
4:30	0	125			5	101				
4:45	2	122	5	518	9	115	25	455	30	973
5:00	4	145			8	96				
5:15	3	183			25	91				
5:30	4	166			26	130				
5:45	14	171	25	665	36	107	95	424	120	1089
6:00	21	170			32	86				
6:15	12	182			34	89				
6:30	16	166			45	107				
6:45	39	154	88	672	56	105	167	387	255	1059
7:00	29	132			74	99				
7:15	42	144			98	78				
7:30	62	130			140	74				
7:45	66	116	199	522	168	63	480	314	679	836
8:00	92	100			208	54				
8:15	90	92			225	44				
8:30	108	79			268	52				
8:45	51	96	341	367	206	66	907	216	1248	583
9:00	73	97			134	37				
9:15	49	76			94	39				
9:30	50	73			108	22				
9:45	40	50	212	296	89	47	425	145	637	441
10:00	49	58			87	22				
10:15	41	36			76	26				
10:30	56	35			76	19				
10:45	60	37	206	166	100	10	339	77	545	243
11:00	49	27			80	8				
11:15	64	26			81	8				
11:30	65	25			90	9				
11:45	91	18	269	96	82	8	333	33	602	129
Totals	1425	4855			2827	3673				
Combined Totals		6280				6500				
ADT										12780
AM Peak Hour	745	AM			800	AM				
Volume	356				907					
P.H.F.	0.824				0.846					
PM Peak Hour		515	PM			300	PM			
Volume		690				624				
P.H.F.		0.943				0.716				
Percentage	22.7%	77.3%			43.5%	56.5%				

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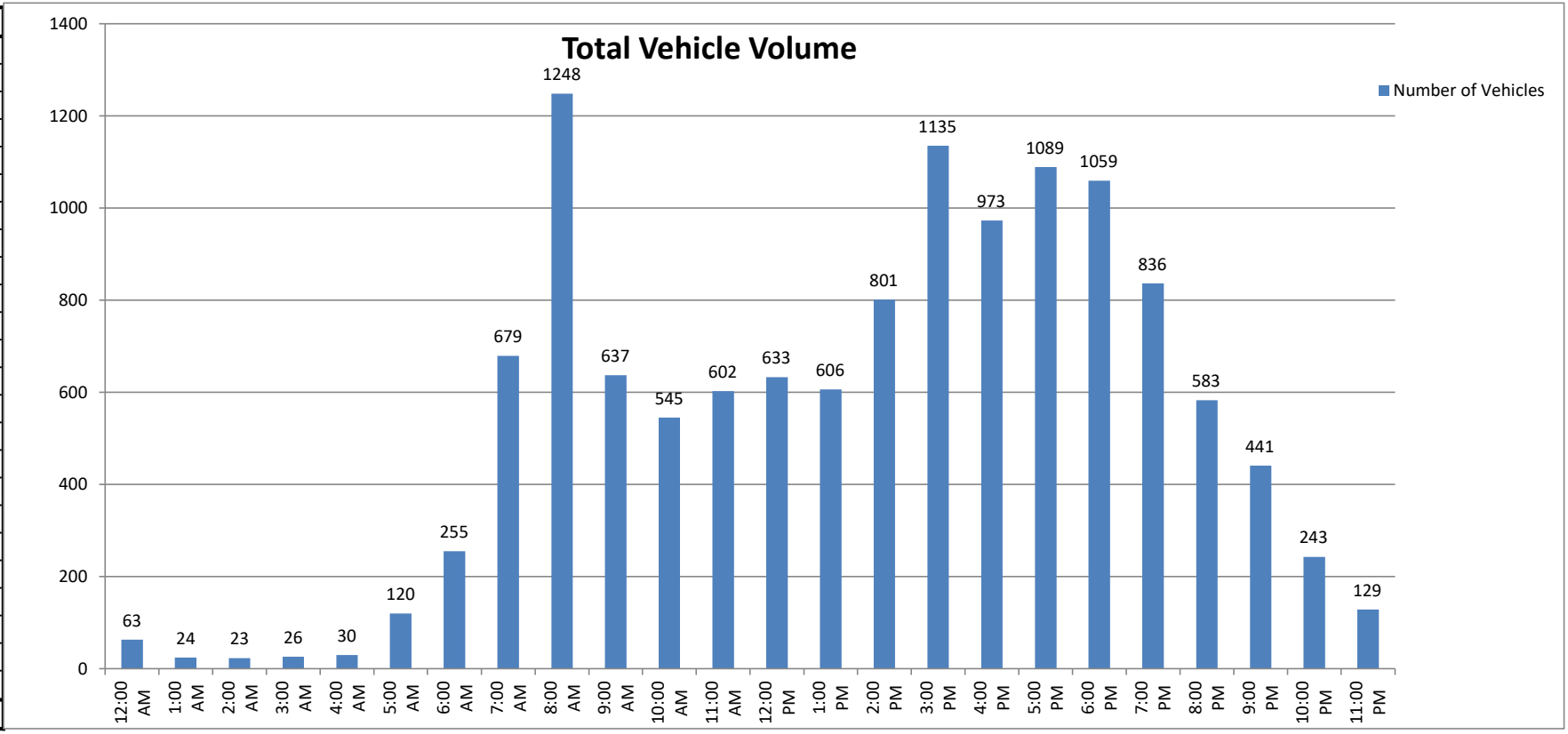
24 Hour Volume Plot

Roosevelt

B/ Jeffrey Road - Visions

5/2/2024

Start Time	5/2/2024
12:00 AM	63
1:00 AM	24
2:00 AM	23
3:00 AM	26
4:00 AM	30
5:00 AM	120
6:00 AM	255
7:00 AM	679
8:00 AM	1248
9:00 AM	637
10:00 AM	545
11:00 AM	602
12:00 PM	633
1:00 PM	606
2:00 PM	801
3:00 PM	1135
4:00 PM	973
5:00 PM	1089
6:00 PM	1059
7:00 PM	836
8:00 PM	583
9:00 PM	441
10:00 PM	243
11:00 PM	129
Total	12780



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Roosevelt
B/ Jeffrey Road - Visions

File Name 331
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	87			9	104				
12:15	12	82			6	71				
12:30	9	71			4	68				
12:45	7	87	39	326	1	67	20	310	59	635
1:00	8	95			2	70				
1:15	6	72			2	76				
1:30	3	87			2	93				
1:45	3	94	20	348	2	77	7	316	27	664
2:00	4	92			2	100				
2:15	3	104			3	105				
2:30	3	100			3	83				
2:45	1	117	11	412	5	91	12	378	23	790
3:00	4	143			3	216				
3:15	4	100			5	143				
3:30	2	123			3	114				
3:45	3	146	13	512	4	134	15	607	27	1118
4:00	2	145			6	132				
4:15	2	130			5	109				
4:30	3	140			8	97				
4:45	3	135	9	549	9	113	26	450	35	999
5:00	4	162			12	101				
5:15	4	174			21	108				
5:30	4	176			28	136				
5:45	17	161	29	672	35	127	96	471	124	1143
6:00	17	177			29	98				
6:15	16	183			34	85				
6:30	18	168			50	101				
6:45	35	147	85	674	64	107	176	390	261	1064
7:00	29	135			82	94				
7:15	41	132			94	71				
7:30	68	124			132	68				
7:45	66	105	204	495	184	70	491	302	694	797
8:00	83	102			223	56				
8:15	95	98			217	43				
8:30	111	85			274	52				
8:45	61	96	350	380	205	59	918	210	1268	590
9:00	67	89			120	36				
9:15	58	80			100	40				
9:30	53	71			115	25				
9:45	44	57	222	296	97	34	432	135	654	431
10:00	51	59			89	22				
10:15	44	40			81	25				
10:30	61	38			81	18				
10:45	56	35	212	172	94	11	344	74	555	246
11:00	53	28			82	9				
11:15	66	24			84	9				
11:30	71	22			88	8				
11:45	91	20	280	94	77	8	331	33	610	127
Totals	1470	4928			2865	3673				
Combined Totals		6397				6538				
ADT										12935
AM Peak Hour	745	AM			800	AM				
Volume	355				918					
P.H.F.	0.798				0.839					
PM Peak Hour		530	PM			300	PM			
Volume		696				607				
P.H.F.		0.951				0.702				
Percentage	23.0%	77.0%			43.8%	56.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Roosevelt
B/ Visions - Bay Tree

File Name 332
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	75			5	60				
12:15	7	74			3	48				
12:30	7	55			4	56				
12:45	2	75	25	279	0	54	12	218	37	497
1:00	5	98			3	68				
1:15	4	72			0	74				
1:30	5	72			1	86				
1:45	1	76	15	318	0	83	4	311	19	629
2:00	4	75			1	86				
2:15	3	73			2	76				
2:30	2	63			1	68				
2:45	1	64	10	275	4	82	8	312	18	587
3:00	2	134			2	95				
3:15	3	93			3	86				
3:30	1	87			3	91				
3:45	3	114	9	428	2	92	10	364	19	792
4:00	2	102			2	86				
4:15	1	105			4	80				
4:30	5	112			5	63				
4:45	3	121	11	440	7	90	18	319	29	759
5:00	0	127			9	86				
5:15	1	128			12	109				
5:30	4	146			14	88				
5:45	11	119	16	520	24	106	59	389	75	909
6:00	9	146			18	81				
6:15	12	145			25	65				
6:30	14	122			38	84				
6:45	27	98	62	511	48	76	129	306	191	817
7:00	18	102			60	65				
7:15	26	93			68	57				
7:30	43	98			96	42				
7:45	74	68	161	361	160	55	384	219	545	580
8:00	68	82			189	45				
8:15	98	78			136	26				
8:30	123	62			190	45				
8:45	90	74	379	296	107	39	622	155	1001	451
9:00	41	57			74	23				
9:15	52	60			75	23				
9:30	48	57			86	24				
9:45	42	43	183	217	68	16	303	86	486	303
10:00	39	37			58	16				
10:15	41	28			64	15				
10:30	52	27			66	13				
10:45	40	26	172	118	59	8	247	52	419	170
11:00	54	15			56	9				
11:15	54	12			64	6				
11:30	60	15			60	4				
11:45	65	17	233	59	56	5	236	24	469	83
Totals	1276	3822			2032	2755				
Combined Totals		5098				4787				
ADT										9885
AM Peak Hour	800	AM			745	AM				
Volume	379				675					
P.H.F.	0.770				0.888					
PM Peak Hour		530	PM			500	PM			
Volume		556				389				
P.H.F.		0.952				0.892				
Percentage	25.0%	75.0%			42.4%	57.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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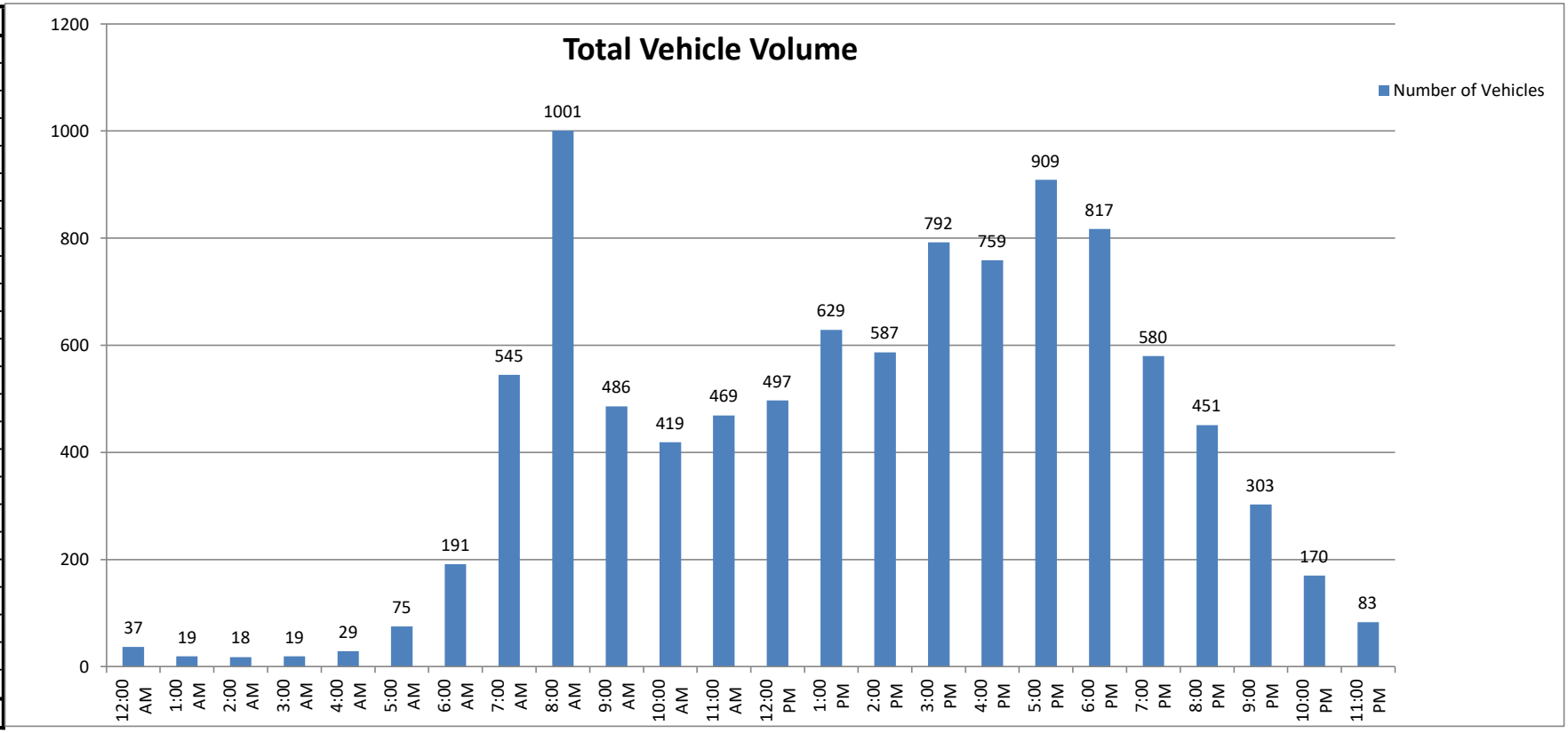
24 Hour Volume Plot

Roosevelt

B/ Visions - Bay Tree

5/1/2024

Start Time	5/1/2024
12:00 AM	37
1:00 AM	19
2:00 AM	18
3:00 AM	19
4:00 AM	29
5:00 AM	75
6:00 AM	191
7:00 AM	545
8:00 AM	1001
9:00 AM	486
10:00 AM	419
11:00 AM	469
12:00 PM	497
1:00 PM	629
2:00 PM	587
3:00 PM	792
4:00 PM	759
5:00 PM	909
6:00 PM	817
7:00 PM	580
8:00 PM	451
9:00 PM	303
10:00 PM	170
11:00 PM	83
Total	9885



Volumes represent the combined totals for both directions

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City of Irvine
Roosevelt
B/ Visions - Bay Tree

File Name 332
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	68			9	67				
12:15	5	57			6	47				
12:30	6	58			3	44				
12:45	9	61	29	244	2	49	20	207	49	451
1:00	7	73			1	55				
1:15	4	54			1	42				
1:30	2	58			0	54				
1:45	4	80	17	265	3	44	5	195	22	460
2:00	4	74			1	62				
2:15	2	74			2	112				
2:30	4	88			1	74				
2:45	0	84	10	320	4	121	8	369	18	689
3:00	3	156			0	100				
3:15	1	94			2	94				
3:30	1	92			4	88				
3:45	1	94	6	436	3	114	9	396	15	832
4:00	1	107			3	90				
4:15	2	106			4	80				
4:30	0	96			3	74				
4:45	2	102	5	411	6	96	16	340	21	751
5:00	3	110			5	84				
5:15	2	134			18	86				
5:30	5	124			18	98				
5:45	7	147	17	515	24	76	65	344	82	859
6:00	16	132			22	78				
6:15	12	142			22	70				
6:30	12	112			32	92				
6:45	27	112	67	498	44	78	120	318	187	816
7:00	24	92			51	66				
7:15	24	94			75	63				
7:30	42	102			99	52				
7:45	62	86	152	374	139	46	364	227	516	601
8:00	79	82			178	43				
8:15	86	70			150	36				
8:30	121	56			192	42				
8:45	72	75	358	283	106	33	626	154	984	437
9:00	55	57			87	24				
9:15	49	58			51	15				
9:30	41	50			78	19				
9:45	36	37	181	202	76	21	292	79	473	281
10:00	42	37			69	13				
10:15	32	26			69	15				
10:30	39	28			58	15				
10:45	46	26	159	117	72	5	268	48	427	165
11:00	44	18			56	7				
11:15	52	24			57	8				
11:30	48	19			68	8				
11:45	64	13	208	74	53	6	234	29	442	103
Totals	1209	3739			2027	2706				
Combined Totals		4948				4733				
ADT										9681
AM Peak Hour	800	AM			745	AM				
Volume	358				659					
P.H.F.	0.740				0.858					
PM Peak Hour		530	PM			215	PM			
Volume		545				407				
P.H.F.		0.927				0.841				
Percentage	24.4%	75.6%			42.8%	57.2%				

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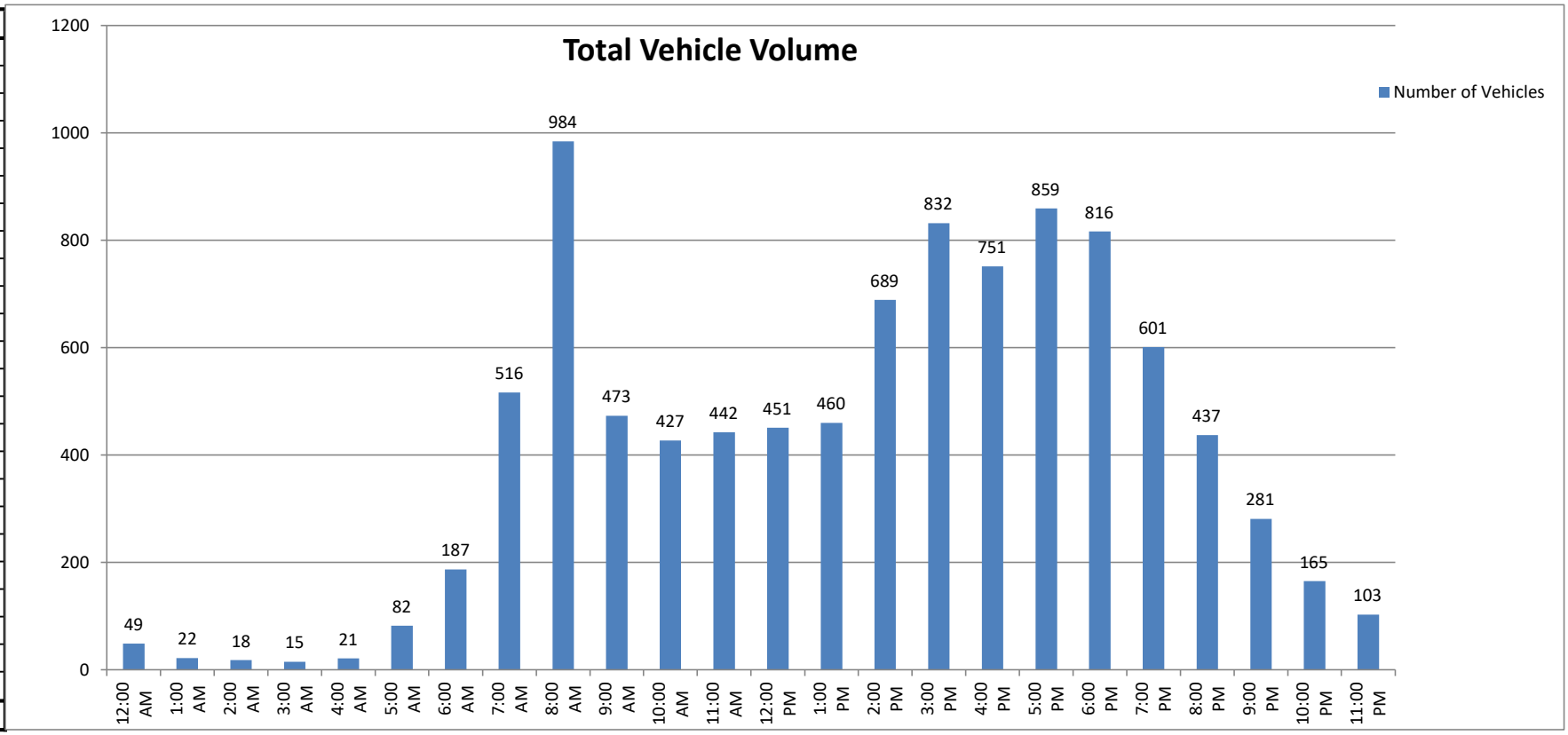
24 Hour Volume Plot

Roosevelt

B/ Visions - Bay Tree

5/2/2024

Start Time	5/2/2024
12:00 AM	49
1:00 AM	22
2:00 AM	18
3:00 AM	15
4:00 AM	21
5:00 AM	82
6:00 AM	187
7:00 AM	516
8:00 AM	984
9:00 AM	473
10:00 AM	427
11:00 AM	442
12:00 PM	451
1:00 PM	460
2:00 PM	689
3:00 PM	832
4:00 PM	751
5:00 PM	859
6:00 PM	816
7:00 PM	601
8:00 PM	437
9:00 PM	281
10:00 PM	165
11:00 PM	103
Total	9681



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City of Irvine
Roosevelt
B/ Visions - Bay Tree

File Name 332
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	72			7	64				
12:15	6	66			5	48				
12:30	7	57			4	50				
12:45	6	68	27	262	1	52	16	213	43	474
1:00	6	86			2	62				
1:15	4	63			1	58				
1:30	4	65			1	70				
1:45	3	78	16	292	2	64	5	253	21	545
2:00	4	75			1	74				
2:15	3	74			2	94				
2:30	3	76			1	71				
2:45	1	74	10	298	4	102	8	341	18	638
3:00	3	145			1	98				
3:15	2	94			3	90				
3:30	1	90			4	90				
3:45	2	104	8	432	3	103	10	380	17	812
4:00	2	105			3	88				
4:15	2	106			4	80				
4:30	3	104			4	69				
4:45	3	112	8	426	7	93	17	330	25	755
5:00	2	119			7	85				
5:15	2	131			15	98				
5:30	5	135			16	93				
5:45	9	133	17	518	24	91	62	367	79	884
6:00	13	139			20	80				
6:15	12	144			24	68				
6:30	13	117			35	88				
6:45	27	105	65	505	46	77	125	312	189	817
7:00	21	97			56	66				
7:15	25	94			72	60				
7:30	43	100			98	47				
7:45	68	77	157	368	150	51	374	223	531	591
8:00	74	82			184	44				
8:15	92	74			143	31				
8:30	122	59			191	44				
8:45	81	75	369	290	107	36	624	155	993	444
9:00	48	57			81	24				
9:15	51	59			63	19				
9:30	45	54			82	22				
9:45	39	40	182	210	72	19	298	83	480	292
10:00	41	37			64	15				
10:15	37	27			67	15				
10:30	46	28			62	14				
10:45	43	26	166	118	66	7	258	50	423	168
11:00	49	17			56	8				
11:15	53	18			61	7				
11:30	54	17			64	6				
11:45	65	15	221	67	55	6	235	27	456	93
Totals	1243	3781			2030	2731				
Combined Totals		5023				4760				
ADT										9783
AM Peak Hour	800	AM			745	AM				
Volume	369				667					
P.H.F.	0.755				0.873					
PM Peak Hour		530	PM			300	PM			
Volume		551				380				
P.H.F.		0.959				0.922				
Percentage	24.7%	75.3%			42.6%	57.4%				

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City of Irvine
Roosevelt
B/ Yale Avenue - Jeffrey Road

File Name 330
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/1/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	37			2	46				
12:15	5	45			4	41				
12:30	6	31			2	31				
12:45	2	41	20	154	4	49	12	167	32	321
1:00	2	56			1	54				
1:15	2	60			1	50				
1:30	1	64			0	65				
1:45	1	84	6	264	0	68	2	237	8	501
2:00	3	61			1	66				
2:15	2	64			0	54				
2:30	1	56			0	37				
2:45	0	79	6	260	0	44	1	201	7	461
3:00	1	65			1	65				
3:15	0	106			0	82				
3:30	1	76			2	106				
3:45	0	114	2	361	0	88	3	341	5	702
4:00	1	88			0	110				
4:15	1	100			1	66				
4:30	4	69			0	100				
4:45	2	76	8	333	2	70	3	346	11	679
5:00	11	85			0	98				
5:15	28	93			1	73				
5:30	20	87			8	111				
5:45	10	94	69	359	23	110	32	392	101	751
6:00	5	96			5	121				
6:15	7	95			7	80				
6:30	15	77			12	70				
6:45	24	75	51	343	19	67	43	338	94	681
7:00	16	65			23	83				
7:15	24	51			22	42				
7:30	46	48			42	30				
7:45	56	49	142	213	83	39	170	194	312	407
8:00	78	40			118	48				
8:15	98	51			82	36				
8:30	88	36			50	34				
8:45	50	56	314	183	44	25	294	143	608	326
9:00	45	40			50	41				
9:15	37	19			24	34				
9:30	40	19			27	33				
9:45	44	21	166	99	38	21	139	129	305	228
10:00	42	14			24	18				
10:15	39	16			30	5				
10:30	38	8			23	8				
10:45	40	14	159	52	36	3	113	34	272	86
11:00	42	15			39	8				
11:15	38	7			39	2				
11:30	34	6			32	5				
11:45	36	5	150	33	24	0	134	15	284	48
Totals	1093	2654			946	2537				
Combined Totals		3747				3483				
ADT										7230
AM Peak Hour	745 AM				745 AM					
Volume	320				333					
P.H.F.	0.816				0.706					
PM Peak Hour		315 PM				530 PM				
Volume		384				422				
P.H.F.		0.842				0.872				
Percentage	29.2%	70.8%			27.2%	72.8%				

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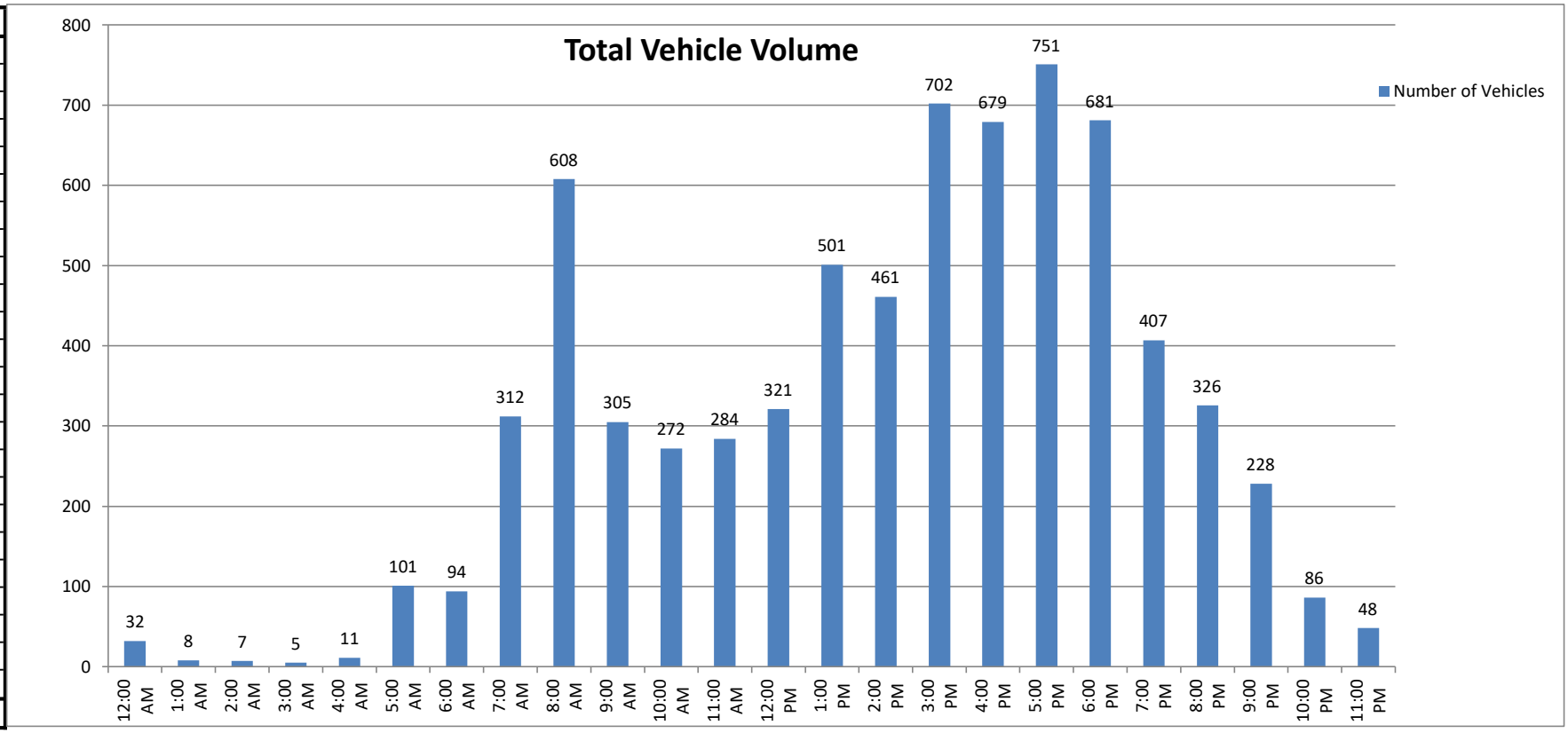
24 Hour Volume Plot

Roosevelt

B/ Yale Avenue - Jeffrey Road

5/1/2024

Start Time	5/1/2024
12:00 AM	32
1:00 AM	8
2:00 AM	7
3:00 AM	5
4:00 AM	11
5:00 AM	101
6:00 AM	94
7:00 AM	312
8:00 AM	608
9:00 AM	305
10:00 AM	272
11:00 AM	284
12:00 PM	321
1:00 PM	501
2:00 PM	461
3:00 PM	702
4:00 PM	679
5:00 PM	751
6:00 PM	681
7:00 PM	407
8:00 PM	326
9:00 PM	228
10:00 PM	86
11:00 PM	48
Total	7230



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City of Irvine
Roosevelt
B/ Yale Avenue - Jeffrey Road

File Name 330
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/2/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	40			5	40				
12:15	2	34			0	39				
12:30	6	42			0	36				
12:45	1	48	12	164	2	45	7	160	19	324
1:00	2	42			2	42				
1:15	1	41			0	38				
1:30	1	49			0	42				
1:45	0	52	4	184	2	40	4	162	8	346
2:00	1	40			1	71				
2:15	1	86			1	64				
2:30	1	78			0	46				
2:45	1	92	4	296	0	62	2	243	6	539
3:00	0	73			0	64				
3:15	2	98			0	82				
3:30	1	80			0	95				
3:45	1	132	4	383	0	116	0	357	4	740
4:00	0	63			0	102				
4:15	5	86			0	67				
4:30	3	60			0	70				
4:45	5	77	13	286	1	79	1	318	14	604
5:00	10	86			1	93				
5:15	24	89			0	78				
5:30	12	96			9	134				
5:45	4	86	50	357	15	93	25	398	75	755
6:00	7	78			8	112				
6:15	9	77			6	88				
6:30	11	64			14	80				
6:45	17	65	44	284	7	63	35	343	79	627
7:00	25	61			20	69				
7:15	23	56			16	49				
7:30	47	59			47	38				
7:45	62	52	157	228	65	48	148	204	305	432
8:00	56	30			120	42				
8:15	101	44			98	32				
8:30	94	37			46	37				
8:45	47	54	298	165	37	30	301	141	599	306
9:00	55	38			28	28				
9:15	33	26			33	40				
9:30	43	17			28	45				
9:45	47	28	178	109	44	21	133	134	311	243
10:00	49	12			30	20				
10:15	42	9			20	13				
10:30	26	12			28	12				
10:45	28	12	145	45	30	13	108	58	253	103
11:00	20	9			25	12				
11:15	24	12			38	4				
11:30	39	8			27	9				
11:45	41	6	124	35	34	8	124	33	248	68
Totals	1033	2536			888	2551				
Combined Totals		3569				3439				
ADT										7008
AM Peak Hour	745	AM			730	AM				
Volume	313				330					
P.H.F.	0.775				0.688					
PM Peak Hour		300	PM			530	PM			
Volume		383				427				
P.H.F.		0.725				0.797				
Percentage	28.9%	71.1%			25.8%	74.2%				

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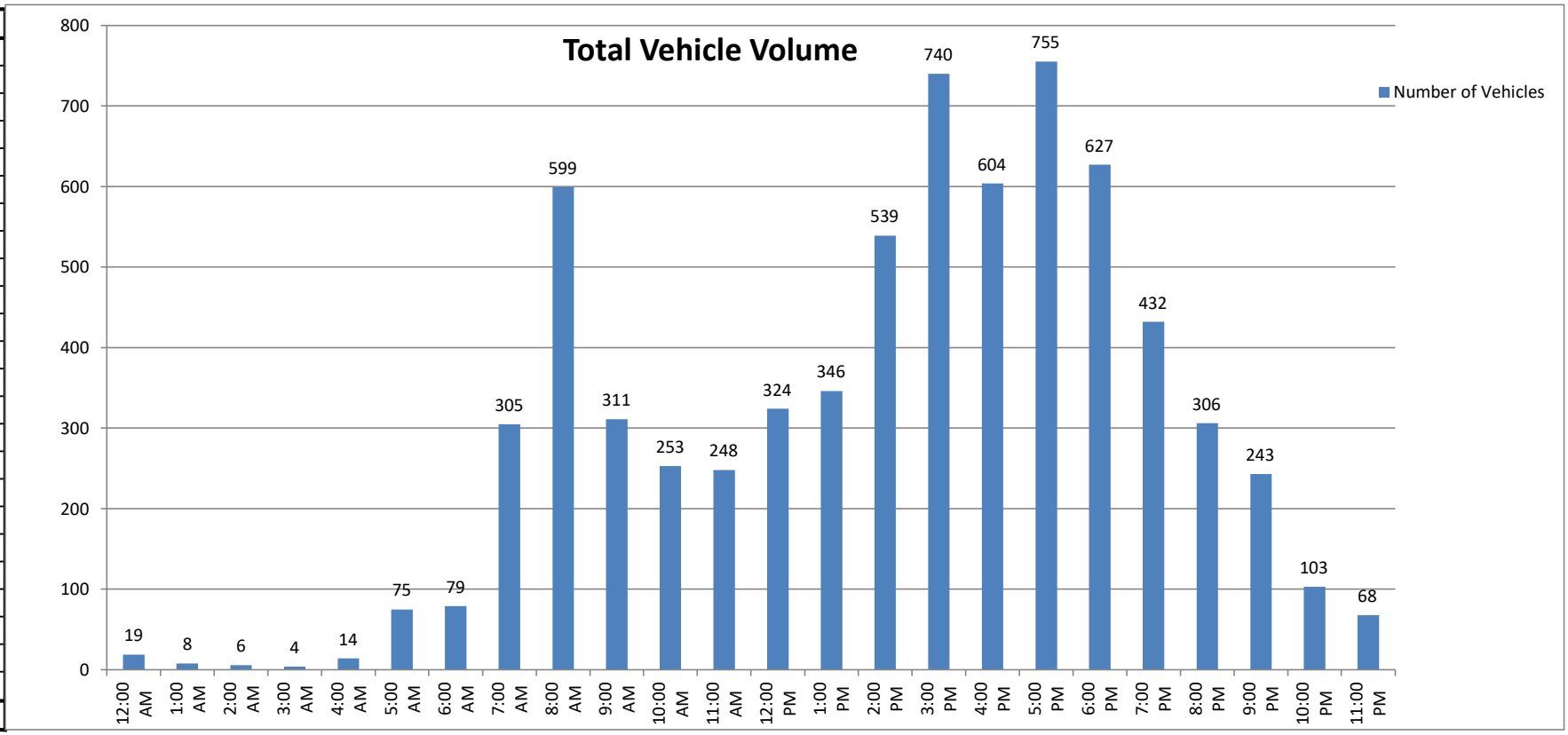
24 Hour Volume Plot

Roosevelt

B/ Yale Avenue - Jeffrey Road

5/2/2024

Start Time	5/2/2024
12:00 AM	19
1:00 AM	8
2:00 AM	6
3:00 AM	4
4:00 AM	14
5:00 AM	75
6:00 AM	79
7:00 AM	305
8:00 AM	599
9:00 AM	311
10:00 AM	253
11:00 AM	248
12:00 PM	324
1:00 PM	346
2:00 PM	539
3:00 PM	740
4:00 PM	604
5:00 PM	755
6:00 PM	627
7:00 PM	432
8:00 PM	306
9:00 PM	243
10:00 PM	103
11:00 PM	68
Total	7008



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B/ Yale Avenue - Jeffrey Road

File Name 330
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	39			4	43				
12:15	4	40			2	40				
12:30	6	37			1	34				
12:45	2	45	16	159	3	47	10	164	26	323
1:00	2	49			2	48				
1:15	2	51			1	44				
1:30	1	57			0	54				
1:45	1	68	5	224	1	54	3	200	8	424
2:00	2	51			1	69				
2:15	2	75			1	59				
2:30	1	67			0	42				
2:45	1	86	5	278	0	53	2	222	7	500
3:00	1	69			1	65				
3:15	1	102			0	82				
3:30	1	78			1	101				
3:45	1	123	3	372	0	102	2	349	5	721
4:00	1	76			0	106				
4:15	3	93			1	67				
4:30	4	65			0	85				
4:45	4	77	11	310	2	75	2	332	13	642
5:00	11	86			1	96				
5:15	26	91			1	76				
5:30	16	92			9	123				
5:45	7	90	60	358	19	102	29	395	88	753
6:00	6	87			7	117				
6:15	8	86			7	84				
6:30	13	71			13	75				
6:45	21	70	48	314	13	65	39	341	87	654
7:00	21	63			22	76				
7:15	24	54			19	46				
7:30	47	54			45	34				
7:45	59	51	150	221	74	44	159	199	309	420
8:00	67	35			119	45				
8:15	100	48			90	34				
8:30	91	37			48	36				
8:45	49	55	306	174	41	28	298	142	604	316
9:00	50	39			39	35				
9:15	35	23			29	37				
9:30	42	18			28	39				
9:45	46	25	172	104	41	21	136	132	308	236
10:00	46	13			27	19				
10:15	41	13			25	9				
10:30	32	10			26	10				
10:45	34	13	152	49	33	8	111	46	263	95
11:00	31	12			32	10				
11:15	31	10			39	3				
11:30	37	7			30	7				
11:45	39	6	137	34	29	4	129	24	266	58
Totals	1063	2595			917	2544				
Combined Totals		3658				3461				
ADT										7119
AM Peak Hour	745	AM			745	AM				
Volume	317				331					
P.H.F.	0.795				0.695					
PM Peak Hour		315	PM			530	PM			
Volume		379				425				
P.H.F.		0.769				0.866				
Percentage	29.1%	70.9%			26.5%	73.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Alton Parkway - Barranca Parkway

File Name 335
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/1/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	162			16	246				
12:15	16	179			16	236				
12:30	16	176			9	198				
12:45	8	214	52	731	5	218	46	898	98	1629
1:00	11	184			14	212				
1:15	8	233			13	212				
1:30	10	260			9	237				
1:45	6	230	35	907	5	206	41	867	76	1774
2:00	4	178			4	242				
2:15	4	177			2	238				
2:30	5	186			5	258				
2:45	7	185	20	726	4	241	15	979	35	1705
3:00	4	212			2	281				
3:15	5	182			5	241				
3:30	8	195			8	264				
3:45	13	183	30	772	9	259	24	1045	54	1817
4:00	11	200			3	308				
4:15	15	204			10	251				
4:30	21	184			21	276				
4:45	51	159	98	747	27	283	61	1118	159	1865
5:00	39	154			15	311				
5:15	53	179			46	286				
5:30	74	157			60	263				
5:45	135	184	301	674	69	245	190	1105	491	1779
6:00	96	166			69	290				
6:15	123	163			85	256				
6:30	155	177			122	197				
6:45	239	127	613	633	130	158	406	901	1019	1534
7:00	148	112			132	180				
7:15	201	113			158	132				
7:30	206	97			225	160				
7:45	268	94	823	416	236	140	751	612	1574	1028
8:00	231	79			265	129				
8:15	260	74			230	100				
8:30	237	85			306	99				
8:45	282	110	1010	348	259	68	1060	396	2070	744
9:00	235	81			242	78				
9:15	243	69			229	97				
9:30	230	58			247	70				
9:45	204	79	912	287	215	66	933	311	1845	598
10:00	211	73			225	67				
10:15	185	48			202	47				
10:30	199	43			211	40				
10:45	210	29	805	193	231	37	869	191	1674	384
11:00	182	20			233	53				
11:15	205	24			238	31				
11:30	187	43			229	22				
11:45	181	13	755	100	216	29	916	135	1671	235
Totals	5454	6534			5312	8558				
Combined Totals		11988				13870				
ADT										25858
AM Peak Hour	815	AM			800	AM				
Volume	1014				1060					
P.H.F.	0.899				0.866					
PM Peak Hour		100	PM			430	PM			
Volume		907				1156				
P.H.F.		0.872				0.929				
Percentage	45.5%	54.5%			38.3%	61.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

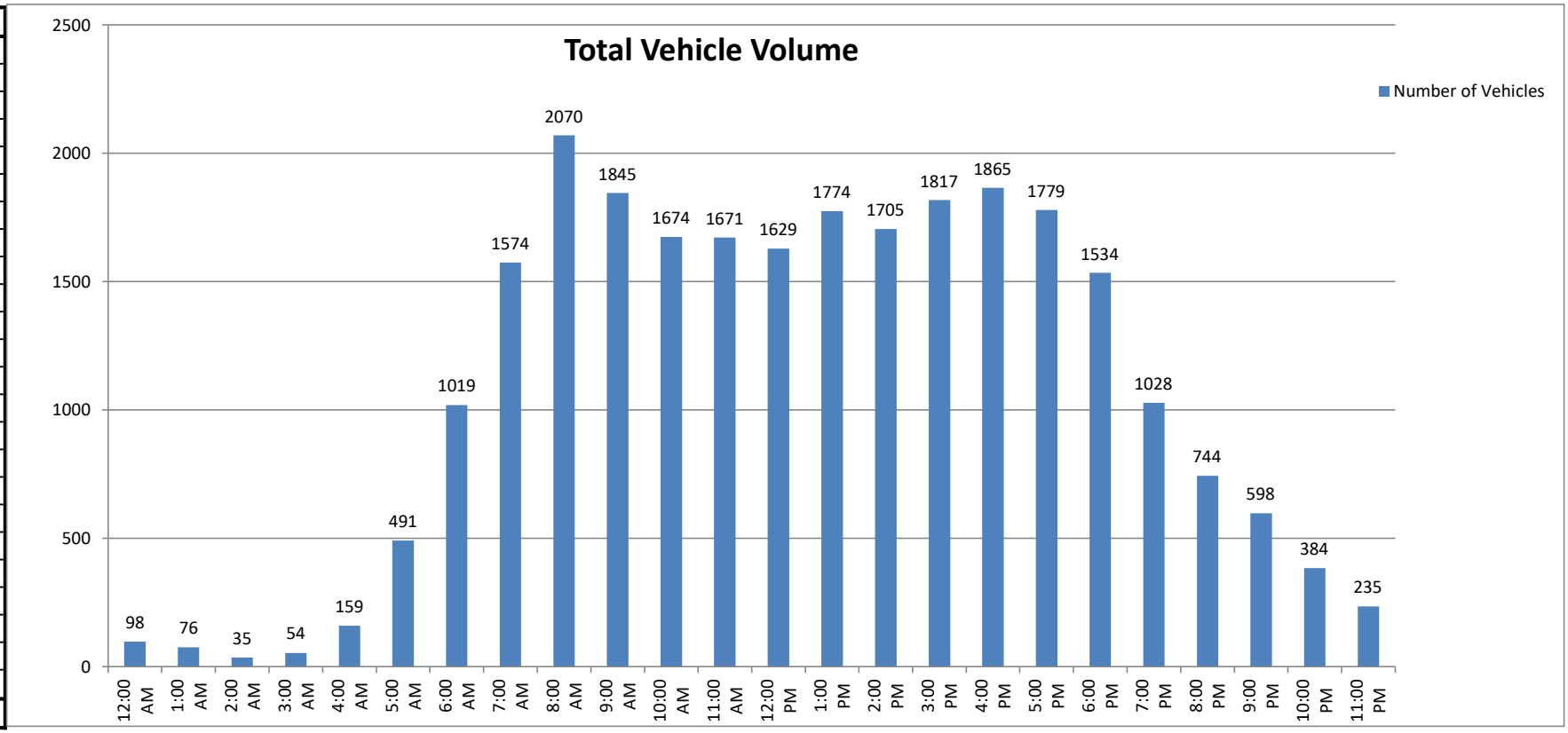
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Alton Parkway - Barranca Parkway

2/1/2023

Start Time	2/1/2023
12:00 AM	98
1:00 AM	76
2:00 AM	35
3:00 AM	54
4:00 AM	159
5:00 AM	491
6:00 AM	1019
7:00 AM	1574
8:00 AM	2070
9:00 AM	1845
10:00 AM	1674
11:00 AM	1671
12:00 PM	1629
1:00 PM	1774
2:00 PM	1705
3:00 PM	1817
4:00 PM	1865
5:00 PM	1779
6:00 PM	1534
7:00 PM	1028
8:00 PM	744
9:00 PM	598
10:00 PM	384
11:00 PM	235
Total	25858



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Alton Parkway - Barranca Parkway

File Name 335
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/2/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	15	154			21	230				
12:15	11	177			25	215				
12:30	15	206			13	207				
12:45	10	199	51	736	12	236	71	888	122	1624
1:00	14	179			16	184				
1:15	9	164			4	213				
1:30	7	219			14	216				
1:45	3	196	33	758	6	218	40	831	73	1589
2:00	5	206			2	216				
2:15	7	185			8	195				
2:30	3	181			4	283				
2:45	6	199	21	771	3	254	17	948	38	1719
3:00	6	205			4	273				
3:15	10	198			2	228				
3:30	5	212			6	268				
3:45	9	187	30	802	10	263	22	1032	52	1834
4:00	7	165			3	274				
4:15	8	241			10	224				
4:30	21	207			20	318				
4:45	47	176	83	789	23	265	56	1081	139	1870
5:00	39	195			30	325				
5:15	51	155			36	316				
5:30	91	151			68	271				
5:45	112	148	293	649	51	261	185	1173	478	1822
6:00	103	150			87	221				
6:15	129	178			86	219				
6:30	137	169			127	207				
6:45	195	128	564	625	128	151	428	798	992	1423
7:00	161	113			143	169				
7:15	214	114			161	139				
7:30	213	123			233	166				
7:45	255	104	843	454	197	132	734	606	1577	1060
8:00	283	72			245	117				
8:15	261	75			261	106				
8:30	285	110			265	69				
8:45	269	78	1098	335	235	92	1006	384	2104	719
9:00	242	77			215	98				
9:15	222	69			190	87				
9:30	201	49			211	62				
9:45	208	61	873	256	204	52	820	299	1693	555
10:00	170	66			233	65				
10:15	186	49			196	55				
10:30	170	36			240	49				
10:45	207	28	733	179	223	54	892	223	1625	402
11:00	182	24			217	47				
11:15	171	27			207	42				
11:30	184	39			204	22				
11:45	184	22	721	112	247	19	875	130	1596	242
Totals	5343	6466			5146	8393				
Combined Totals		11809				13539				
ADT										25348
AM Peak Hour	800	AM			800	AM				
Volume	1098				1006					
P.H.F.	0.963				0.949					
PM Peak Hour		415	PM			430	PM			
Volume		819				1224				
P.H.F.		0.850				0.942				
Percentage	45.2%	54.8%			38.0%	62.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

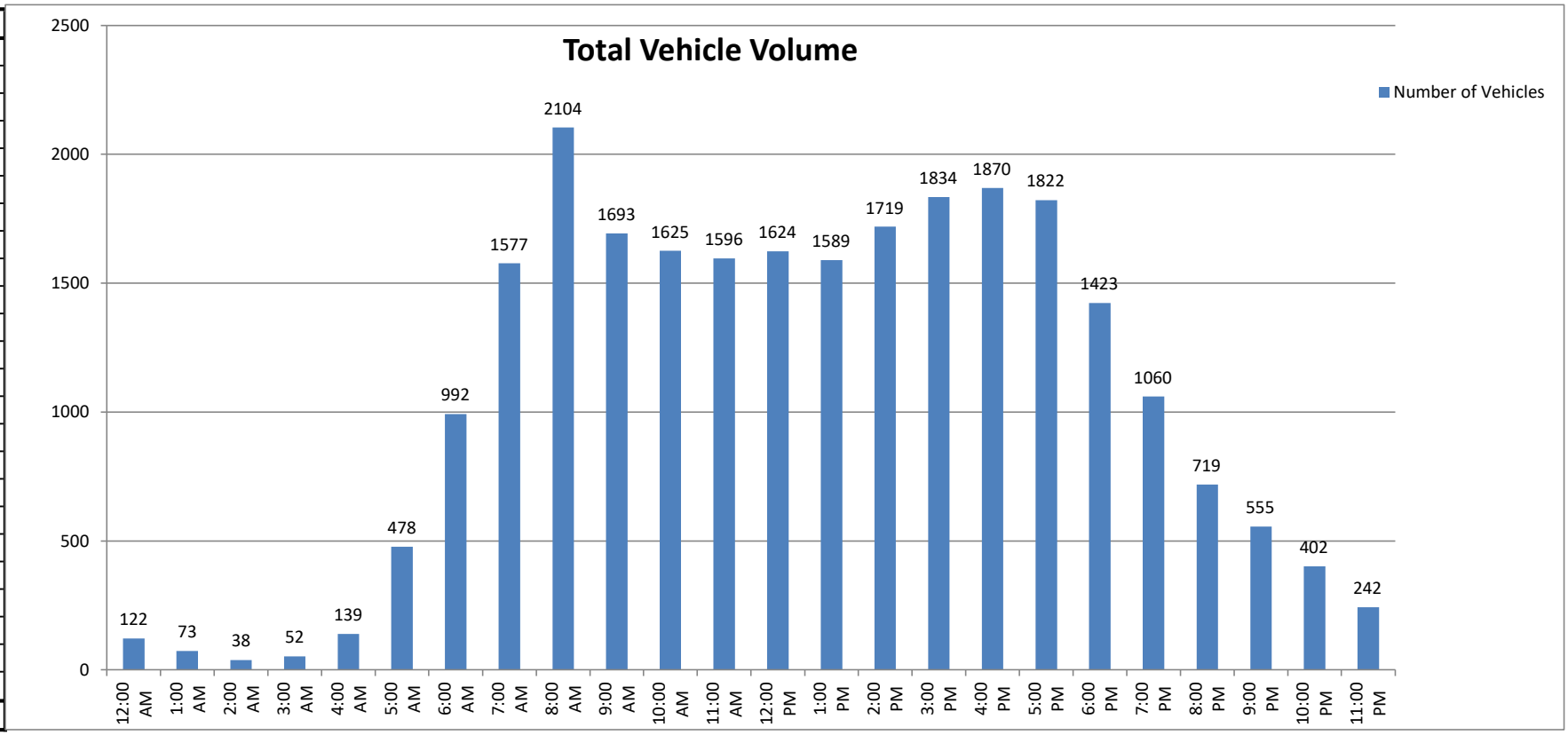
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Alton Parkway - Barranca Parkway

2/2/2023

Start Time	2/2/2023
12:00 AM	122
1:00 AM	73
2:00 AM	38
3:00 AM	52
4:00 AM	139
5:00 AM	478
6:00 AM	992
7:00 AM	1577
8:00 AM	2104
9:00 AM	1693
10:00 AM	1625
11:00 AM	1596
12:00 PM	1624
1:00 PM	1589
2:00 PM	1719
3:00 PM	1834
4:00 PM	1870
5:00 PM	1822
6:00 PM	1423
7:00 PM	1060
8:00 PM	719
9:00 PM	555
10:00 PM	402
11:00 PM	242
Total	25348



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Alton Parkway - Barranca Parkway

File Name 335
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	158			19	238				
12:15	14	178			21	226				
12:30	16	191			11	203				
12:45	9	207	52	734	9	227	59	893	110	1627
1:00	13	182			15	198				
1:15	9	199			9	213				
1:30	9	240			12	227				
1:45	5	213	34	833	6	212	41	849	75	1682
2:00	5	192			3	229				
2:15	6	181			5	217				
2:30	4	184			5	271				
2:45	7	192	21	749	4	248	16	964	37	1712
3:00	5	209			3	277				
3:15	8	190			4	235				
3:30	7	204			7	266				
3:45	11	185	30	787	10	261	23	1039	53	1826
4:00	9	183			3	291				
4:15	12	223			10	238				
4:30	21	196			21	297				
4:45	49	168	91	768	25	274	59	1100	149	1868
5:00	39	175			23	318				
5:15	52	167			41	301				
5:30	83	154			64	267				
5:45	124	166	297	662	60	253	188	1139	485	1801
6:00	100	158			78	256				
6:15	126	171			86	238				
6:30	146	173			125	202				
6:45	217	128	589	629	129	155	417	850	1006	1479
7:00	155	113			138	175				
7:15	208	114			160	136				
7:30	210	110			229	163				
7:45	262	99	833	435	217	136	743	609	1576	1044
8:00	257	76			255	123				
8:15	261	75			246	103				
8:30	261	98			286	84				
8:45	276	94	1054	342	247	80	1033	390	2087	732
9:00	239	79			229	88				
9:15	233	69			210	92				
9:30	216	54			229	66				
9:45	206	70	893	272	210	59	877	305	1769	577
10:00	191	70			229	66				
10:15	186	49			199	51				
10:30	185	40			226	45				
10:45	209	29	769	186	227	46	881	207	1650	393
11:00	182	22			225	50				
11:15	188	26			223	37				
11:30	186	41			217	22				
11:45	183	18	738	106	232	24	896	133	1634	239
Totals	5399	6500			5229	8476				
Combined Totals		11899				13705				
ADT										25603
AM Peak Hour	800	AM			800	AM				
Volume	1054				1033					
P.H.F.	0.956				0.905					
PM Peak Hour		115	PM			430	PM			
Volume		843				1190				
P.H.F.		0.880				0.936				
Percentage	45.4%	54.6%			38.2%	61.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
B/ Burt Road - Laguna Canyon Road
24 Hour Directional Volume Count

IRV143
Site Code: 051-24139

Start	2/8/24	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		44	369			11	302				
12:15		45	347			2	287				
12:30		20	287			11	**323**				
12:45		24	282	133	1285	17	**365**	41	1277	174	2562
01:00		25	336			11	**331**				
01:15		19	279			14	**311**				
01:30		15	309			9	305				
01:45		11	323	70	1247	12	334	46	1281	116	2528
02:00		11	359			13	269				
02:15		12	326			9	337				
02:30		13	377			15	307				
02:45		11	271	47	1333	21	299	58	1212	105	2545
03:00		15	365			8	346				
03:15		9	379			11	250				
03:30		8	383			14	315				
03:45		11	406	43	1533	23	269	56	1180	99	2713
04:00		8	**481**			22	276				
04:15		8	**456**			40	299				
04:30		14	**438**			77	289				
04:45		14	**434**	44	1809	150	313	289	1177	333	2986
05:00		16	436			83	256				
05:15		19	417			108	257				
05:30		44	446			148	288				
05:45		64	401	143	1700	219	259	558	1060	701	2760
06:00		70	413			203	265				
06:15		92	370			238	290				
06:30		68	333			307	250				
06:45		81	301	311	1417	417	283	1165	1088	1476	2505
07:00		89	324			411	191				
07:15		109	263			377	169				
07:30		169	233			552	216				
07:45		106	187	473	1007	558	167	1898	743	2371	1750
08:00		139	195			**594**	117				
08:15		141	170			**666**	97				
08:30		176	187			**611**	116				
08:45		149	154	605	706	**641**	89	2512	419	3117	1125
09:00		182	152			532	124				
09:15		195	133			479	109				
09:30		191	135			403	57				
09:45		190	123	758	543	453	83	1867	373	2625	916
10:00		191	99			351	50				
10:15		206	77			374	59				
10:30		240	52			380	37				
10:45		265	80	902	308	375	39	1480	185	2382	493
11:00		**261**	69			289	38				
11:15		**289**	42			311	39				
11:30		**301**	72			295	23				
11:45		**307**	31	1158	214	288	26	1183	126	2341	340
Total		4687	13102	4687	13102	11153	10121	11153	10121	15840	23223
Combined Total		17789		17789		21274		21274		39063	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	1158	-	-	-	2512	-	-	-	-	-
P.H.F.		0.943				0.943					
PM Peak	-	-	04:00	-	-	-	00:30	-	-	-	-
Vol.	-	-	1809	-	-	-	1330	-	-	-	-
P.H.F.			0.940				0.911				
Percentage		26.3%	73.7%			52.4%	47.6%				
ADT/AADT		ADT 39,063		AADT 39,063							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
B/ Interstate 5 Southbound Ramps - Burt Road
24 Hour Directional Volume Count

IRV142
Site Code: 051-24139

Start	2/8/24	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		50	361			10	309				
12:15		52	345			6	263				
12:30		22	300			13	323				
12:45		25	291	149	1297	18	365	47	1260	196	2557
01:00		29	335			14	319				
01:15		18	290			17	314				
01:30		19	336			11	318				
01:45		22	350	88	1311	15	346	57	1297	145	2608
02:00		10	370			16	281				
02:15		19	348			11	**356**				
02:30		14	390			15	**325**				
02:45		11	286	54	1394	21	**316**	63	1278	117	2672
03:00		17	388			8	**361**				
03:15		12	382			14	260				
03:30		14	384			16	327				
03:45		16	407	59	1561	26	295	64	1243	123	2804
04:00		9	**515**			24	279				
04:15		8	**475**			43	309				
04:30		13	**462**			79	303				
04:45		16	**452**	46	1904	165	339	311	1230	357	3134
05:00		23	511			89	259				
05:15		27	454			115	270				
05:30		51	469			155	295				
05:45		68	429	169	1863	239	275	598	1099	767	2962
06:00		73	437			216	271				
06:15		98	392			249	284				
06:30		64	339			320	247				
06:45		85	320	320	1488	441	294	1226	1096	1546	2584
07:00		89	348			423	194				
07:15		110	299			387	179				
07:30		160	254			552	218				
07:45		102	209	461	1110	569	172	1931	763	2392	1873
08:00		141	226			**598**	137				
08:15		129	193			**685**	107				
08:30		174	195			**638**	122				
08:45		153	157	597	771	**658**	92	2579	458	3176	1229
09:00		158	165			555	129				
09:15		195	139			496	109				
09:30		187	143			431	63				
09:45		199	114	739	561	471	98	1953	399	2692	960
10:00		200	115			376	64				
10:15		200	84			390	68				
10:30		261	60			391	45				
10:45		269	76	930	335	386	49	1543	226	2473	561
11:00		**278**	73			306	45				
11:15		**296**	50			326	47				
11:30		**308**	78			299	32				
11:45		**305**	40	1187	241	316	24	1247	148	2434	389
Total		4799	13836	4799	13836	11619	10497	11619	10497	16418	24333
Combined Total		18635		18635		22116		22116		40751	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	1187	-	-	-	2579	-	-	-	-	-
P.H.F.		0.963				0.941					
PM Peak	-	-	04:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	1904	-	-	-	1358	-	-	-	-
P.H.F.			0.924				0.930				
Percentage		25.8%	74.2%			52.5%	47.5%				
ADT/AADT		ADT 40,751		AADT 40,751							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Barranca Parkway - Irvine Center Drive

File Name 336
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/1/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	180			16	250				
12:15	17	206			16	214				
12:30	24	178			11	209				
12:45	6	195	64	759	6	211	49	884	113	1643
1:00	11	194			14	223				
1:15	9	202			15	239				
1:30	13	283			9	217				
1:45	6	211	39	890	2	231	40	910	79	1800
2:00	4	212			4	239				
2:15	5	200			2	235				
2:30	5	219			5	258				
2:45	5	208	19	839	2	242	13	974	32	1813
3:00	3	215			2	282				
3:15	2	224			4	238				
3:30	8	236			8	228				
3:45	9	210	22	885	14	275	28	1023	50	1908
4:00	7	220			6	289				
4:15	12	202			18	279				
4:30	12	269			32	222				
4:45	40	202	71	893	37	260	93	1050	164	1943
5:00	24	236			20	309				
5:15	34	172			56	260				
5:30	53	222			67	254				
5:45	93	195	204	825	86	283	229	1106	433	1931
6:00	82	184			87	257				
6:15	99	173			116	253				
6:30	107	154			150	208				
6:45	158	145	446	656	180	177	533	895	979	1551
7:00	123	142			154	161				
7:15	163	126			185	146				
7:30	201	139			247	138				
7:45	207	117	694	524	310	145	896	590	1590	1114
8:00	192	91			288	114				
8:15	221	75			307	105				
8:30	218	91			346	92				
8:45	242	109	873	366	287	66	1228	377	2101	743
9:00	245	93			236	99				
9:15	199	71			265	90				
9:30	229	67			210	73				
9:45	198	75	871	306	277	67	988	329	1859	635
10:00	193	62			205	62				
10:15	184	45			233	55				
10:30	223	46			225	30				
10:45	198	27	798	180	222	29	885	176	1683	356
11:00	181	33			242	44				
11:15	206	22			234	32				
11:30	206	51			248	19				
11:45	233	13	826	119	190	29	914	124	1740	243
Totals	4927	7242			5896	8438				
Combined Totals		12169				14334				
ADT										26503
AM Peak Hour	815	AM			745	AM				
Volume	926				1251					
P.H.F.	0.945				0.904					
PM Peak Hour		415	PM			500	PM			
Volume		909				1106				
P.H.F.		0.845				0.895				
Percentage	40.5%	59.5%			41.1%	58.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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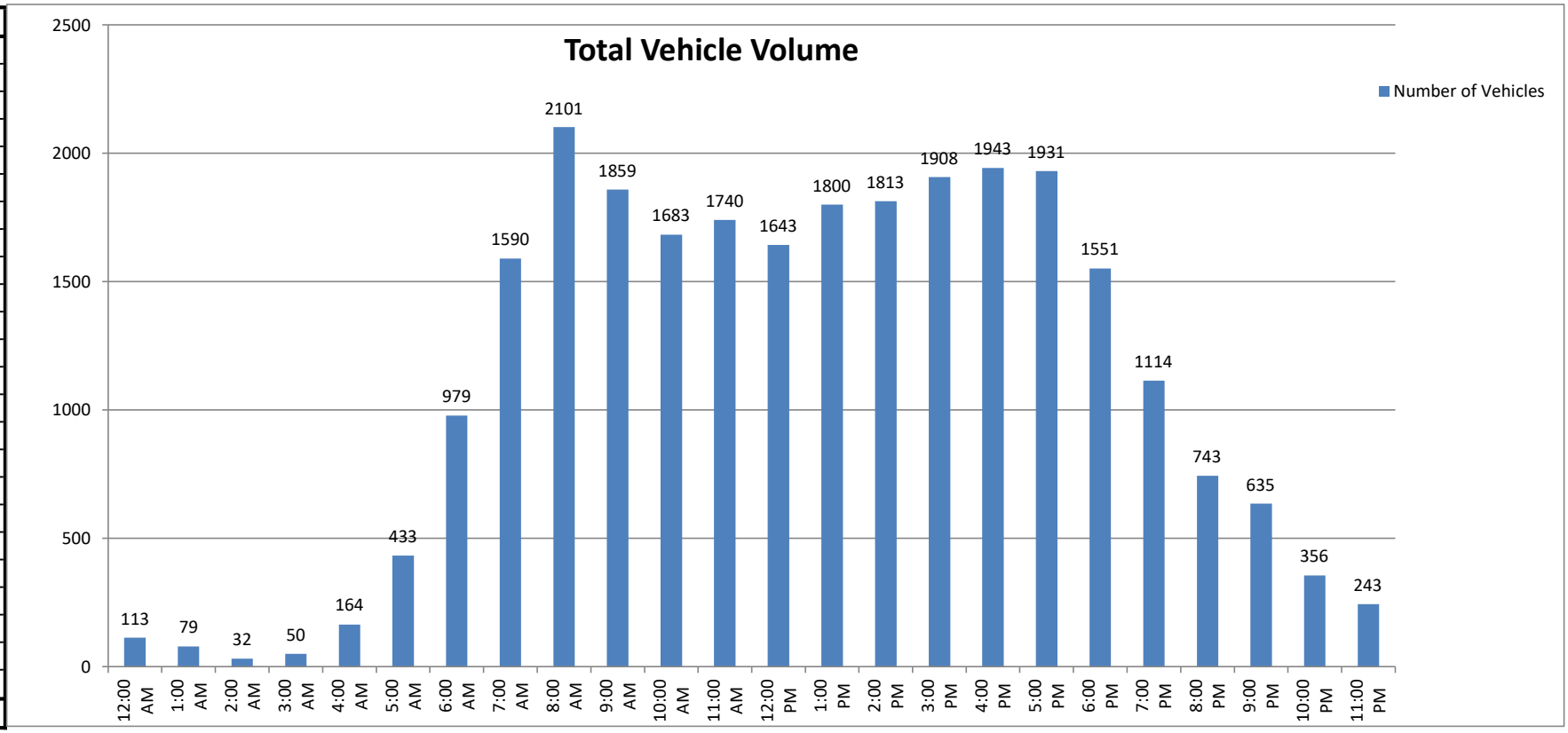
24 Hour Volume Plot

Sand Canyon Avenue
B/ Barranca Parkway - Irvine Center Drive

2/1/2023

Start Time	2/1/2023
12:00 AM	113
1:00 AM	79
2:00 AM	32
3:00 AM	50
4:00 AM	164
5:00 AM	433
6:00 AM	979
7:00 AM	1590
8:00 AM	2101
9:00 AM	1859
10:00 AM	1683
11:00 AM	1740
12:00 PM	1643
1:00 PM	1800
2:00 PM	1813
3:00 PM	1908
4:00 PM	1943
5:00 PM	1931
6:00 PM	1551
7:00 PM	1114
8:00 PM	743
9:00 PM	635
10:00 PM	356
11:00 PM	243
Total	26503



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Barranca Parkway - Irvine Center Drive

File Name 336
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/2/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	20	194			18	211				
12:15	18	194			24	223				
12:30	16	206			20	200				
12:45	10	190	64	784	13	238	75	872	139	1656
1:00	17	185			15	201				
1:15	6	167			3	231				
1:30	8	211			11	194				
1:45	4	192	35	755	8	236	37	862	72	1617
2:00	3	219			3	202				
2:15	5	220			6	241				
2:30	6	198			2	261				
2:45	5	211	19	848	3	232	14	936	33	1784
3:00	5	242			5	247				
3:15	6	212			3	216				
3:30	5	232			8	271				
3:45	9	227	25	913	19	258	35	992	60	1905
4:00	5	213			7	279				
4:15	5	215			15	218				
4:30	14	277			28	290				
4:45	29	217	53	922	36	245	86	1032	139	1954
5:00	31	241			37	284				
5:15	30	200			41	300				
5:30	63	185			81	269				
5:45	86	181	210	807	79	244	238	1097	448	1904
6:00	73	190			100	219				
6:15	89	180			104	239				
6:30	99	160			141	188				
6:45	141	141	402	671	157	175	502	821	904	1492
7:00	138	135			154	167				
7:15	171	121			218	144				
7:30	181	143			260	146				
7:45	202	111	692	510	272	118	904	575	1596	1085
8:00	214	79			307	129				
8:15	245	75			330	96				
8:30	232	117			289	78				
8:45	275	91	966	362	304	88	1230	391	2196	753
9:00	204	95			242	101				
9:15	207	75			217	88				
9:30	219	57			251	58				
9:45	196	64	826	291	253	57	963	304	1789	595
10:00	195	60			234	63				
10:15	154	45			209	52				
10:30	158	44			213	46				
10:45	171	32	678	181	239	48	895	209	1573	390
11:00	186	23			197	52				
11:15	186	27			214	42				
11:30	164	47			214	20				
11:45	216	24	752	121	212	20	837	134	1589	255
Totals	4722	7165			5816	8225				
Combined Totals		11887				14041				
ADT										25928
AM Peak Hour	800	AM			800	AM				
Volume	966				1230					
P.H.F.	0.878				0.932					
PM Peak Hour		415	PM			430	PM			
Volume		950				1119				
P.H.F.		0.857				0.933				
Percentage	39.7%	60.3%			41.4%	58.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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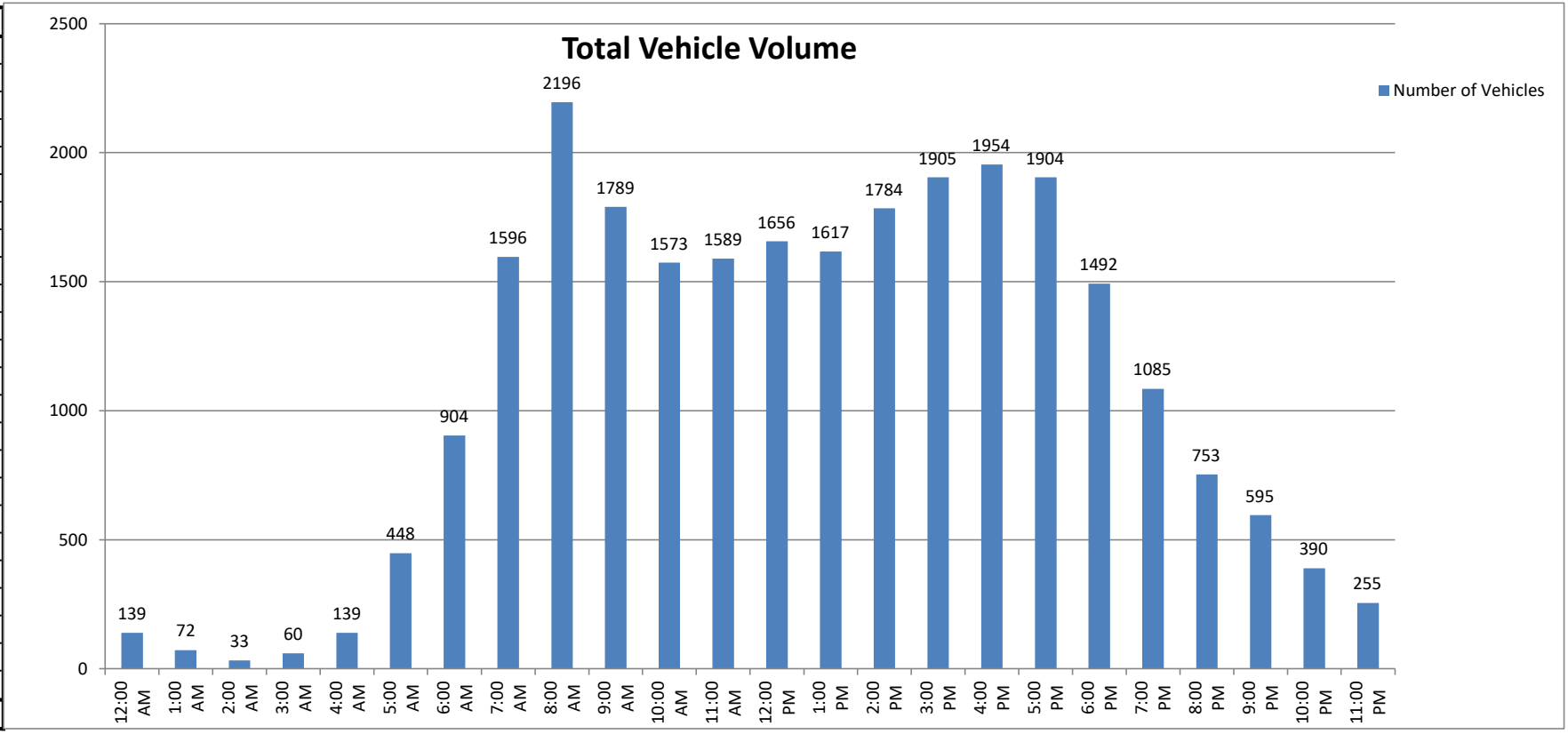
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Barranca Parkway - Irvine Center Drive

2/2/2023

Start Time	2/2/2023
12:00 AM	139
1:00 AM	72
2:00 AM	33
3:00 AM	60
4:00 AM	139
5:00 AM	448
6:00 AM	904
7:00 AM	1596
8:00 AM	2196
9:00 AM	1789
10:00 AM	1573
11:00 AM	1589
12:00 PM	1656
1:00 PM	1617
2:00 PM	1784
3:00 PM	1905
4:00 PM	1954
5:00 PM	1904
6:00 PM	1492
7:00 PM	1085
8:00 PM	753
9:00 PM	595
10:00 PM	390
11:00 PM	255
Total	25928



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Barranca Parkway - Irvine Center Drive

File Name 336
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	187			17	231				
12:15	18	200			20	219				
12:30	20	192			16	205				
12:45	8	193	64	772	10	225	62	878	126	1650
1:00	14	190			15	212				
1:15	8	185			9	235				
1:30	11	247			10	206				
1:45	5	202	37	823	5	234	39	886	76	1709
2:00	4	216			4	221				
2:15	5	210			4	238				
2:30	6	209			4	260				
2:45	5	210	19	844	3	237	14	955	33	1799
3:00	4	229			4	265				
3:15	4	218			4	227				
3:30	7	234			8	250				
3:45	9	219	24	899	17	267	32	1008	55	1907
4:00	6	217			7	284				
4:15	9	209			17	249				
4:30	13	273			30	256				
4:45	35	210	62	908	37	253	90	1041	152	1949
5:00	28	239			29	297				
5:15	32	186			49	280				
5:30	58	204			74	262				
5:45	90	188	207	816	83	264	234	1102	441	1918
6:00	78	187			94	238				
6:15	94	177			110	246				
6:30	103	157			146	198				
6:45	150	143	424	664	169	176	518	858	942	1522
7:00	131	139			154	164				
7:15	167	124			202	145				
7:30	191	141			254	142				
7:45	205	114	693	517	291	132	900	583	1593	1100
8:00	203	85			298	122				
8:15	233	75			319	101				
8:30	225	104			318	85				
8:45	259	100	920	364	296	77	1229	384	2149	748
9:00	225	94			239	100				
9:15	203	73			241	89				
9:30	224	62			231	66				
9:45	197	70	849	299	265	62	976	317	1824	615
10:00	194	61			220	63				
10:15	169	45			221	54				
10:30	191	45			219	38				
10:45	185	30	738	181	231	39	890	193	1628	373
11:00	184	28			220	48				
11:15	196	25			224	37				
11:30	185	49			231	20				
11:45	225	19	789	120	201	25	876	129	1665	249
Totals	4825	7204			5856	8332				
Combined Totals		12028				14188				
ADT										26216
AM Peak Hour	815	AM			800	AM				
Volume	941				1229					
P.H.F.	0.910				0.965					
PM Peak Hour		415	PM			500	PM			
Volume		930				1102				
P.H.F.		0.851				0.929				
Percentage	40.1%	59.9%			41.3%	58.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Interstate 5 Southbound - Marine Way

File Name 338
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/1/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	35	329			19	291				
12:15	55	343			19	311				
12:30	35	281			13	310				
12:45	18	283	143	1236	15	352	66	1264	209	2500
1:00	29	340			12	316				
1:15	19	292			19	370				
1:30	21	317			5	320				
1:45	9	323	78	1272	8	347	44	1353	122	2625
2:00	9	354			7	317				
2:15	12	337			10	293				
2:30	14	323			9	273				
2:45	6	313	41	1327	2	356	28	1239	69	2566
3:00	4	316			5	322				
3:15	8	325			12	319				
3:30	6	409			16	317				
3:45	11	314	29	1364	31	352	64	1310	93	2674
4:00	3	446			28	306				
4:15	14	423			57	314				
4:30	8	438			120	302				
4:45	16	439	41	1746	161	297	366	1219	407	2965
5:00	30	455			93	278				
5:15	21	416			148	263				
5:30	43	431			191	278				
5:45	44	382	138	1684	251	305	683	1124	821	2808
6:00	68	411			249	303				
6:15	84	356			297	265				
6:30	72	331			312	235				
6:45	71	327	295	1425	409	229	1267	1032	1562	2457
7:00	99	296			366	198				
7:15	100	258			393	150				
7:30	118	242			490	202				
7:45	119	209	436	1005	599	187	1848	737	2284	1742
8:00	117	165			634	129				
8:15	168	134			595	106				
8:30	140	148			656	108				
8:45	158	128	583	575	657	110	2542	453	3125	1028
9:00	135	146			563	101				
9:15	194	122			475	92				
9:30	197	106			429	89				
9:45	180	112	706	486	463	70	1930	352	2636	838
10:00	221	103			401	71				
10:15	206	64			362	81				
10:30	242	60			364	45				
10:45	214	66	883	293	387	42	1514	239	2397	532
11:00	272	48			283	62				
11:15	247	48			335	42				
11:30	289	65			303	33				
11:45	281	36	1089	197	317	40	1238	177	2327	374
Totals	4462	12610			11590	10499				
Combined Totals		17072				22089				
ADT										39161
AM Peak Hour	1100	AM			800	AM				
Volume	1089				2542					
P.H.F.	0.942				0.967					
PM Peak Hour		415	PM			2445	PM			
Volume		1755				1358				
P.H.F.		0.964				0.918				
Percentage	26.1%	73.9%			52.5%	47.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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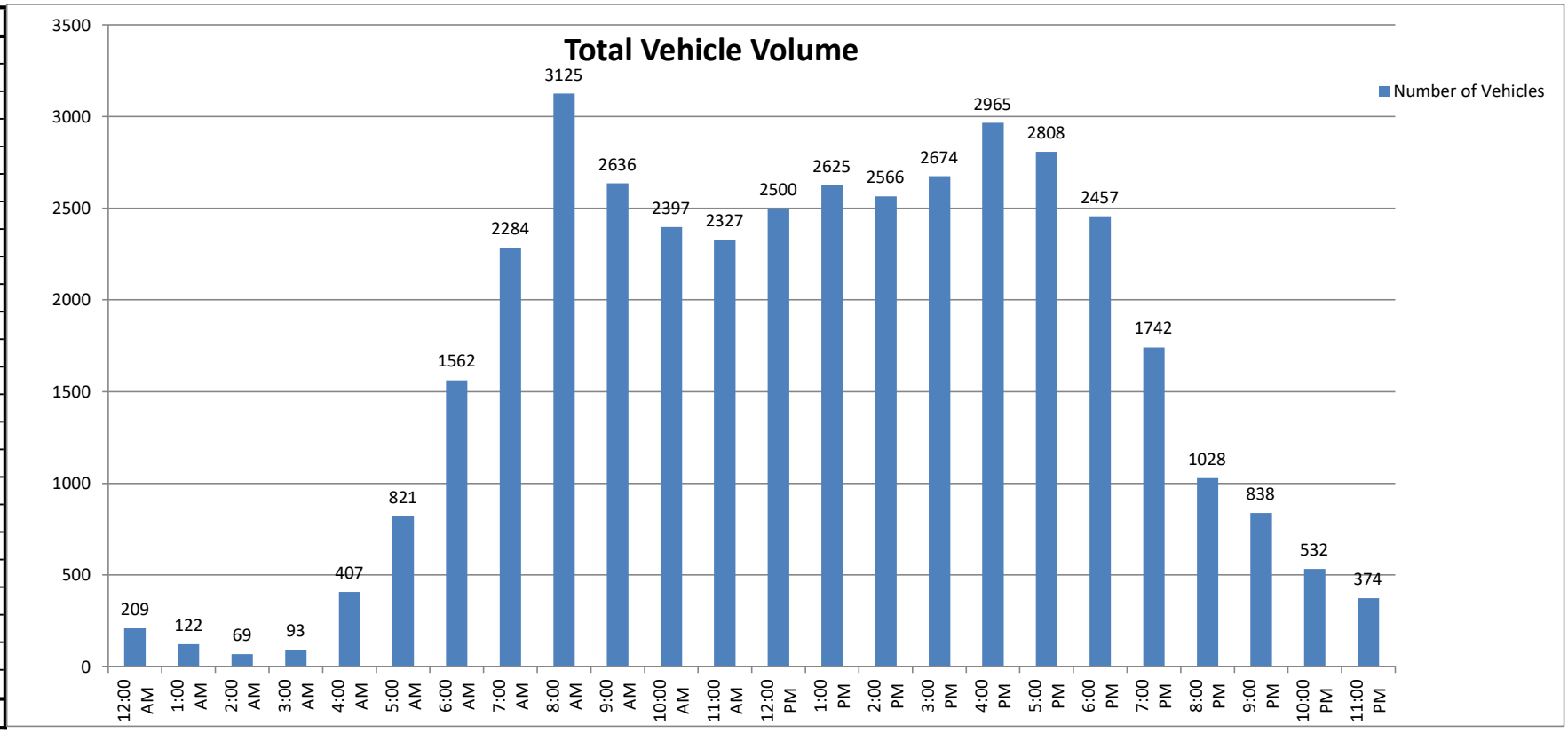
24 Hour Volume Plot

Sand Canyon Avenue
B/ Interstate 5 Southbound - Marine Way

2/1/2023

Start Time	2/1/2023
12:00 AM	209
1:00 AM	122
2:00 AM	69
3:00 AM	93
4:00 AM	407
5:00 AM	821
6:00 AM	1562
7:00 AM	2284
8:00 AM	3125
9:00 AM	2636
10:00 AM	2397
11:00 AM	2327
12:00 PM	2500
1:00 PM	2625
2:00 PM	2566
3:00 PM	2674
4:00 PM	2965
5:00 PM	2808
6:00 PM	2457
7:00 PM	1742
8:00 PM	1028
9:00 PM	838
10:00 PM	532
11:00 PM	374
Total	39161



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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Interstate 5 Southbound - Marine Way

File Name 338
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/2/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	39	321			25	293				
12:15	64	303			21	308				
12:30	35	320			21	327				
12:45	15	303	153	1247	12	380	79	1308	232	2555
1:00	37	318			11	315				
1:15	15	263			7	327				
1:30	11	286			12	300				
1:45	8	327	71	1194	12	351	42	1293	113	2487
2:00	7	327			9	294				
2:15	12	308			8	301				
2:30	15	318			9	337				
2:45	7	287	41	1240	10	329	36	1261	77	2501
3:00	9	324			11	350				
3:15	12	306			13	326				
3:30	6	331			21	355				
3:45	7	351	34	1312	39	307	84	1338	118	2650
4:00	10	387			29	300				
4:15	8	432			42	279				
4:30	7	445			81	282				
4:45	17	339	42	1603	138	318	290	1179	332	2782
5:00	37	430			110	271				
5:15	17	458			139	279				
5:30	44	378			199	298				
5:45	50	382	148	1648	227	300	675	1148	823	2796
6:00	73	371			260	239				
6:15	75	364			285	261				
6:30	63	328			265	245				
6:45	104	289	315	1352	356	241	1166	986	1481	2338
7:00	93	286			347	182				
7:15	99	233			407	186				
7:30	108	236			461	199				
7:45	110	210	410	965	594	177	1809	744	2219	1709
8:00	126	206			598	158				
8:15	142	156			639	145				
8:30	154	170			614	123				
8:45	173	131	595	663	640	98	2491	524	3086	1187
9:00	180	105			496	108				
9:15	169	121			436	105				
9:30	206	98			466	85				
9:45	172	102	727	426	423	84	1821	382	2548	808
10:00	234	107			384	79				
10:15	197	75			357	53				
10:30	217	67			363	52				
10:45	228	60	876	309	365	52	1469	236	2345	545
11:00	258	52			288	68				
11:15	254	36			306	55				
11:30	258	53			294	37				
11:45	294	41	1064	182	315	22	1203	182	2267	364
Totals	4476	12141			11165	10581				
Combined Totals		16617				21746				
ADT										38363
AM Peak Hour	1100	AM			800	AM				
Volume	1064				2491					
P.H.F.	0.905				0.973					
PM Peak Hour		430	PM			245	PM			
Volume		1672				1360				
P.H.F.		0.913				0.958				
Percentage	26.9%	73.1%			51.3%	48.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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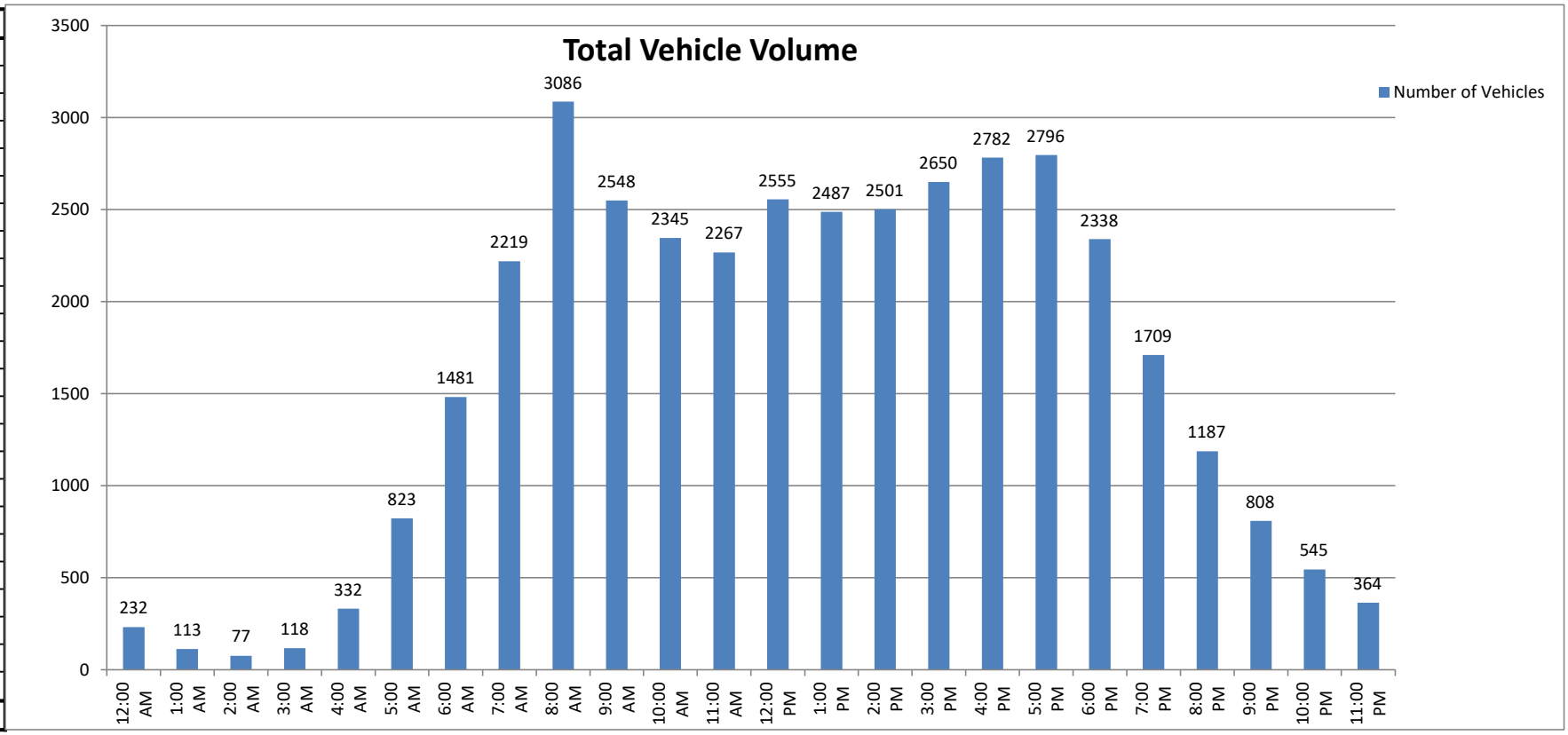
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Interstate 5 Southbound - Marine Way

2/2/2023

Start Time	2/2/2023
12:00 AM	232
1:00 AM	113
2:00 AM	77
3:00 AM	118
4:00 AM	332
5:00 AM	823
6:00 AM	1481
7:00 AM	2219
8:00 AM	3086
9:00 AM	2548
10:00 AM	2345
11:00 AM	2267
12:00 PM	2555
1:00 PM	2487
2:00 PM	2501
3:00 PM	2650
4:00 PM	2782
5:00 PM	2796
6:00 PM	2338
7:00 PM	1709
8:00 PM	1187
9:00 PM	808
10:00 PM	545
11:00 PM	364
Total	38363



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Sand Canyon Avenue
B/ Interstate 5 Southbound - Marine Way

File Name 338
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	37	325			22	292				
12:15	60	323			20	310				
12:30	35	301			17	319				
12:45	17	293	148	1242	14	366	73	1286	221	2528
1:00	33	329			12	316				
1:15	17	278			13	349				
1:30	16	302			9	310				
1:45	9	325	75	1233	10	349	43	1323	118	2556
2:00	8	341			8	306				
2:15	12	323			9	297				
2:30	15	321			9	305				
2:45	7	300	41	1284	6	343	32	1250	73	2534
3:00	7	320			8	336				
3:15	10	316			13	323				
3:30	6	370			19	336				
3:45	9	333	32	1338	35	330	74	1324	106	2662
4:00	7	417			29	303				
4:15	11	428			50	297				
4:30	8	442			101	292				
4:45	17	389	42	1675	150	308	328	1199	370	2874
5:00	34	443			102	275				
5:15	19	437			144	271				
5:30	44	405			195	288				
5:45	47	382	143	1666	239	303	679	1136	822	2802
6:00	71	391			255	271				
6:15	80	360			291	263				
6:30	68	330			289	240				
6:45	88	308	305	1389	383	235	1217	1009	1522	2398
7:00	96	291			357	190				
7:15	100	246			400	168				
7:30	113	239			476	201				
7:45	115	210	423	985	597	182	1829	741	2252	1726
8:00	122	186			616	144				
8:15	155	145			617	126				
8:30	147	159			635	116				
8:45	166	130	589	619	649	104	2517	489	3106	1108
9:00	158	126			530	105				
9:15	182	122			456	99				
9:30	202	102			448	87				
9:45	176	107	717	456	443	77	1876	367	2592	823
10:00	228	105			393	75				
10:15	202	70			360	67				
10:30	230	64			364	49				
10:45	221	63	880	301	376	47	1492	238	2371	539
11:00	265	50			286	65				
11:15	251	42			321	49				
11:30	274	59			299	35				
11:45	288	39	1077	190	316	31	1221	180	2297	369
Totals	4469	12376			11378	10540				
Combined Totals		16845				21918				
ADT										38762
AM Peak Hour	1100	AM			800	AM				
Volume	1077				2517					
P.H.F.	0.936				0.970					
PM Peak Hour		430	PM			2430	PM			
Volume		1710				1349				
P.H.F.		0.966				0.921				
Percentage	26.5%	73.5%			51.9%	48.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Irvine Boulevard - Portola Parkway

File Name 341
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/1/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	119			3	56				
12:15	18	116			3	78				
12:30	7	154			3	43				
12:45	8	121	45	510	0	116	9	293	54	803
1:00	5	143			3	72				
1:15	7	126			1	74				
1:30	6	119			0	66				
1:45	6	130	24	518	2	70	6	282	30	800
2:00	6	123			2	90				
2:15	3	154			1	60				
2:30	5	150			2	122				
2:45	1	185	15	612	0	174	5	446	20	1058
3:00	4	153			3	87				
3:15	2	172			5	84				
3:30	1	139			1	95				
3:45	4	174	11	638	0	49	9	315	20	953
4:00	1	176			0	73				
4:15	4	179			0	79				
4:30	2	144			3	90				
4:45	4	227	11	726	6	83	9	325	20	1051
5:00	7	182			1	75				
5:15	7	194			5	55				
5:30	29	172			10	57				
5:45	27	164	70	712	14	63	30	250	100	962
6:00	31	159			14	63				
6:15	43	143			27	49				
6:30	66	156			30	39				
6:45	112	127	252	585	45	60	116	211	368	796
7:00	83	116			69	42				
7:15	107	110			78	37				
7:30	267	94			156	38				
7:45	145	96	602	416	215	30	518	147	1120	563
8:00	73	89			118	10				
8:15	93	71			145	18				
8:30	107	59			141	9				
8:45	115	71	388	290	97	17	501	54	889	344
9:00	100	63			82	16				
9:15	133	59			98	30				
9:30	156	70			111	21				
9:45	150	42	539	234	102	18	393	85	932	319
10:00	106	40			85	10				
10:15	107	35			70	5				
10:30	127	33			68	6				
10:45	125	31	465	139	79	3	302	24	767	163
11:00	106	29			70	3				
11:15	114	17			68	5				
11:30	98	16			63	3				
11:45	140	11	458	73	80	3	281	14	739	87
Totals	2880	5453			2179	2446				
Combined Totals		8333				4625				
ADT										12958
AM Peak Hour	700	AM			730	AM				
Volume	602				634					
P.H.F.	0.564				0.737					
PM Peak Hour		445	PM			230	PM			
Volume		775				467				
P.H.F.		0.854				0.671				
Percentage	34.6%	65.4%			47.1%	52.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

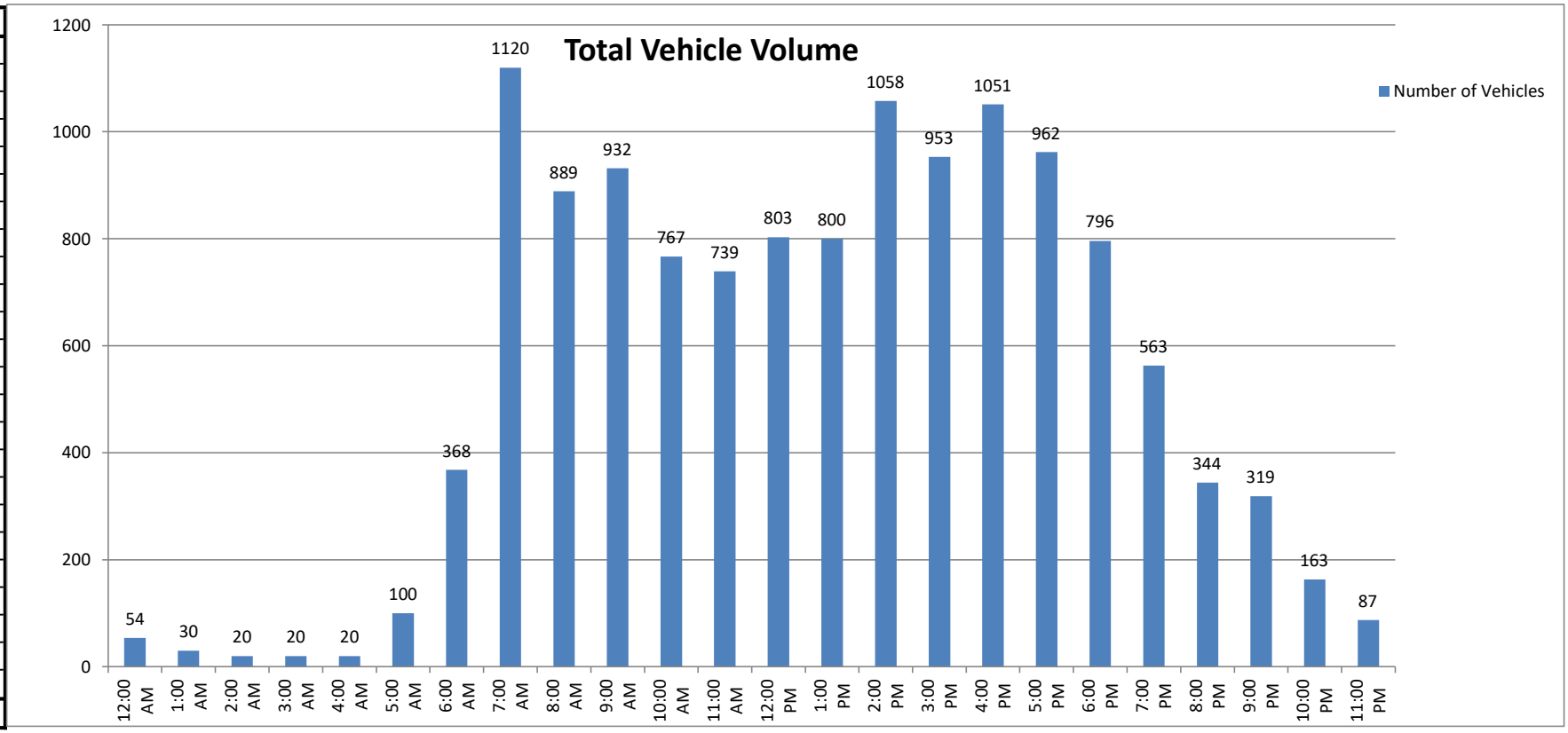
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Irvine Boulevard - Portola Parkway

2/1/2023

Start Time	2/1/2023
12:00 AM	54
1:00 AM	30
2:00 AM	20
3:00 AM	20
4:00 AM	20
5:00 AM	100
6:00 AM	368
7:00 AM	1120
8:00 AM	889
9:00 AM	932
10:00 AM	767
11:00 AM	739
12:00 PM	803
1:00 PM	800
2:00 PM	1058
3:00 PM	953
4:00 PM	1051
5:00 PM	962
6:00 PM	796
7:00 PM	563
8:00 PM	344
9:00 PM	319
10:00 PM	163
11:00 PM	87
Total	12958



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Irvine Boulevard - Portola Parkway

File Name 341
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/2/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	11	92			2	62				
12:15	11	144			0	61				
12:30	5	133			3	49				
12:45	4	123	31	492	1	100	6	272	37	764
1:00	9	131			2	79				
1:15	4	114			3	97				
1:30	5	111			1	45				
1:45	1	132	19	488	7	71	13	292	32	780
2:00	4	137			3	58				
2:15	0	131			0	64				
2:30	5	165			0	113				
2:45	4	190	13	623	0	166	3	401	16	1024
3:00	0	169			1	90				
3:15	0	170			2	65				
3:30	8	149			0	73				
3:45	5	143	13	631	1	54	4	282	17	913
4:00	4	126			1	74				
4:15	2	169			1	92				
4:30	0	150			1	77				
4:45	6	182	12	627	3	72	6	315	18	942
5:00	8	181			3	72				
5:15	12	192			5	72				
5:30	18	191			7	89				
5:45	26	159	64	723	7	69	22	302	86	1025
6:00	26	158			15	72				
6:15	38	156			27	66				
6:30	55	132			31	57				
6:45	60	118	179	564	36	61	109	256	288	820
7:00	65	97			49	51				
7:15	122	103			76	41				
7:30	294	101			138	56				
7:45	155	85	636	386	182	65	445	213	1081	599
8:00	94	73			116	39				
8:15	106	69			125	28				
8:30	104	77			118	40				
8:45	103	83	407	302	96	31	455	138	862	440
9:00	87	46			80	32				
9:15	116	60			83	24				
9:30	134	53			73	23				
9:45	118	42	455	201	94	23	330	102	785	303
10:00	114	30			71	18				
10:15	128	55			59	6				
10:30	105	26			70	11				
10:45	114	22	461	133	77	8	277	43	738	176
11:00	130	24			59	5				
11:15	119	14			86	2				
11:30	133	17			74	5				
11:45	120	18	502	73	64	2	283	14	785	87
Totals	2792	5243			1953	2630				
Combined Totals		8035				4583				
ADT										12618
AM Peak Hour	715	AM			730	AM				
Volume	665				561					
P.H.F.	0.565				0.771					
PM Peak Hour		445	PM			230	PM			
Volume		746				434				
P.H.F.		0.971				0.654				
Percentage	34.7%	65.3%			42.6%	57.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

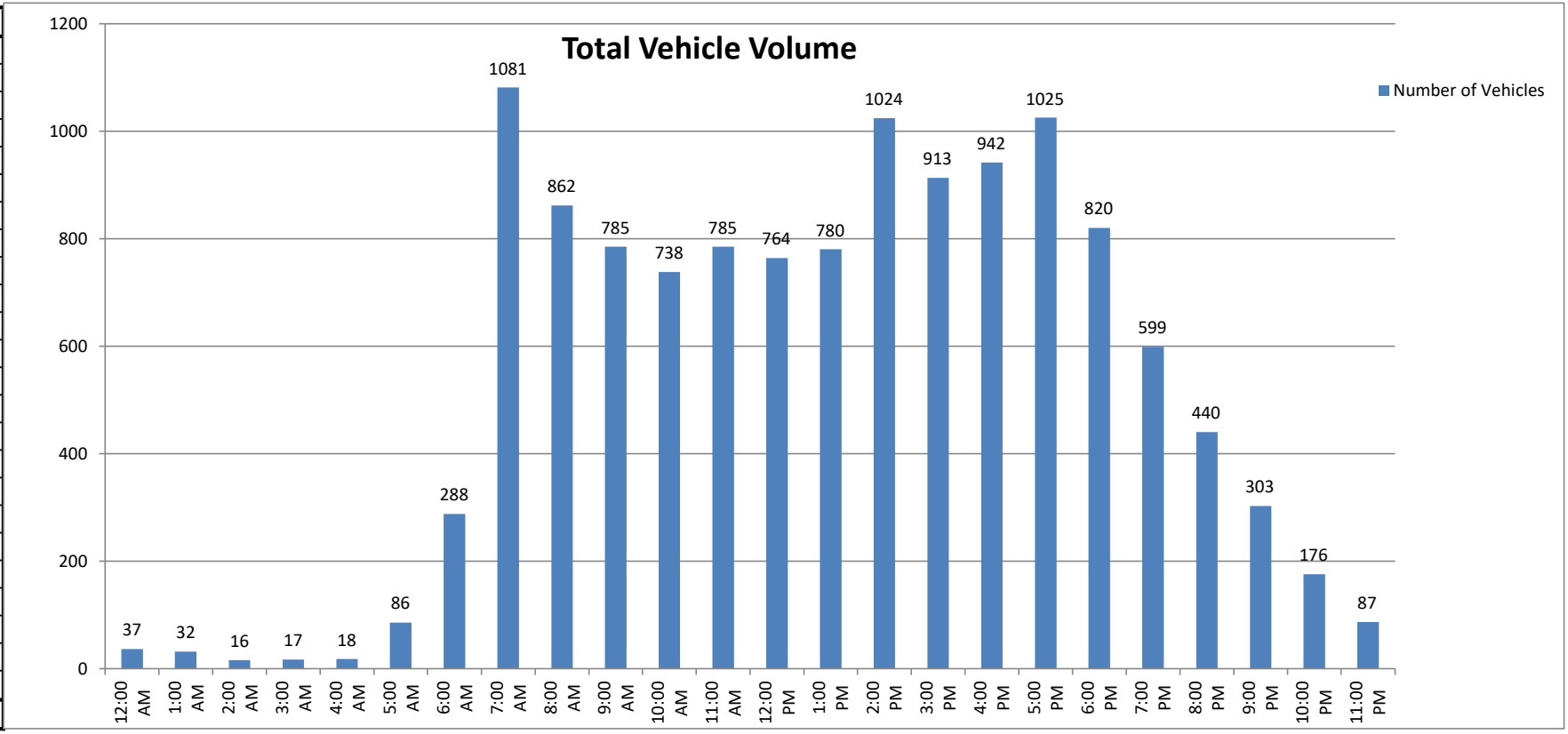
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Sand Canyon Avenue
B/ Irvine Boulevard - Portola Parkway

2/2/2023

Start Time	2/2/2023
12:00 AM	37
1:00 AM	32
2:00 AM	16
3:00 AM	17
4:00 AM	18
5:00 AM	86
6:00 AM	288
7:00 AM	1081
8:00 AM	862
9:00 AM	785
10:00 AM	738
11:00 AM	785
12:00 PM	764
1:00 PM	780
2:00 PM	1024
3:00 PM	913
4:00 PM	942
5:00 PM	1025
6:00 PM	820
7:00 PM	599
8:00 PM	440
9:00 PM	303
10:00 PM	176
11:00 PM	87
Total	12618



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Irvine Boulevard - Portola Parkway

File Name 341
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	12	106			3	59				
12:15	15	130			2	70				
12:30	6	144			3	46				
12:45	6	122	38	501	1	108	8	283	46	784
1:00	7	137			3	76				
1:15	6	120			2	86				
1:30	6	115			1	56				
1:45	4	131	22	503	5	71	10	287	31	790
2:00	5	130			3	74				
2:15	2	143			1	62				
2:30	5	158			1	118				
2:45	3	188	14	618	0	170	4	424	18	1041
3:00	2	161			2	89				
3:15	1	171			4	75				
3:30	5	144			1	84				
3:45	5	159	12	635	1	52	7	299	19	933
4:00	3	151			1	74				
4:15	3	174			1	86				
4:30	1	147			2	84				
4:45	5	205	12	677	5	78	8	320	19	997
5:00	8	182			2	74				
5:15	10	193			5	64				
5:30	24	182			9	73				
5:45	27	162	67	718	11	66	26	276	93	994
6:00	29	159			15	68				
6:15	41	150			27	58				
6:30	61	144			31	48				
6:45	86	123	216	575	41	61	113	234	328	808
7:00	74	107			59	47				
7:15	115	107			77	39				
7:30	281	98			147	47				
7:45	150	91	619	401	199	48	482	180	1101	581
8:00	84	81			117	25				
8:15	100	70			135	23				
8:30	106	68			130	25				
8:45	109	77	398	296	97	24	478	96	876	392
9:00	94	55			81	24				
9:15	125	60			91	27				
9:30	145	62			92	22				
9:45	134	42	497	218	98	21	362	94	859	311
10:00	110	35			78	14				
10:15	118	45			65	6				
10:30	116	30			69	9				
10:45	120	27	463	136	78	6	290	34	753	170
11:00	118	27			65	4				
11:15	117	16			77	4				
11:30	116	17			69	4				
11:45	130	15	480	73	72	3	282	14	762	87
Totals	2836	5348			2066	2538				
Combined Totals		8184				4604				
ADT										12788
AM Peak Hour	715	AM			730	AM				
Volume	629				598					
P.H.F.	0.560				0.753					
PM Peak Hour		445	PM			230	PM			
Volume		761				451				
P.H.F.		0.930				0.663				
Percentage	34.7%	65.3%			44.9%	55.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
N/ Interstate 5 Northbound Ramps
24 Hour Directional Volume Count

IRV146
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		54	356			18	333				
12:15		52	359			21	309				
12:30		44	309			26	353				
12:45		30	361	180	1385	17	350	82	1345	262	2730
01:00		25	351			16	348				
01:15		21	342			14	304				
01:30		28	321			7	328				
01:45		26	367	100	1381	9	294	46	1274	146	2655
02:00		18	384			10	314				
02:15		8	382			7	**343**				
02:30		19	371			8	**326**				
02:45		16	461	61	1598	15	**373**	40	1356	101	2954
03:00		9	386			17	**371**				
03:15		12	464			11	311				
03:30		9	453			12	329				
03:45		12	436	42	1739	11	299	51	1310	93	3049
04:00		5	528			15	285				
04:15		10	524			24	317				
04:30		11	544			37	259				
04:45		28	511	54	2107	52	256	128	1117	182	3224
05:00		28	555			59	249				
05:15		32	**587**			73	277				
05:30		58	**621**			118	271				
05:45		84	**543**	202	2306	156	299	406	1096	608	3402
06:00		94	**558**			126	269				
06:15		135	569			158	266				
06:30		118	485			275	244				
06:45		160	488	507	2100	339	264	898	1043	1405	3143
07:00		139	418			363	214				
07:15		203	392			449	237				
07:30		225	375			550	243				
07:45		213	352	780	1537	**586**	172	1948	866	2728	2403
08:00		228	324			**563**	165				
08:15		195	313			**596**	163				
08:30		185	331			**587**	179				
08:45		215	292	823	1260	564	147	2310	654	3133	1914
09:00		214	268			479	160				
09:15		210	250			514	137				
09:30		201	265			445	87				
09:45		197	255	822	1038	496	97	1934	481	2756	1519
10:00		221	209			385	105				
10:15		222	178			411	80				
10:30		251	125			388	53				
10:45		273	122	967	634	375	48	1559	286	2526	920
11:00		**270**	104			423	51				
11:15		**278**	89			321	43				
11:30		**303**	81			361	37				
11:45		**324**	71	1175	345	355	36	1460	167	2635	512
Total		5713	17430	5713	17430	10862	10995	10862	10995	16575	28425
Combined Total		23143		23143		21857		21857		45000	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1175	-	-	-	2332	-	-	-	-	-
P.H.F.		0.907				0.978					
PM Peak	-	-	05:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	2309	-	-	-	1413	-	-	-	-
P.H.F.			0.930				0.947				
Percentage		24.7%	75.3%			49.7%	50.3%				
ADT/AADT		ADT 45,000		AADT 45,000							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
N/ Irvine Center Drive
24 Hour Directional Volume Count

IRV141
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		23	255			20	246				
12:15		21	227			9	257				
12:30		16	238			10	255				
12:45		22	251	82	971	14	266	53	1024	135	1995
01:00		16	249			12	251				
01:15		9	241			11	254				
01:30		13	242			10	228				
01:45		13	250	51	982	10	237	43	970	94	1952
02:00		13	259			11	237				
02:15		10	227			9	**292**				
02:30		12	238			6	**284**				
02:45		9	232	44	956	5	**290**	31	1103	75	2059
03:00		12	229			6	**301**				
03:15		8	274			8	242				
03:30		9	240			8	272				
03:45		6	267	35	1010	9	219	31	1034	66	2044
04:00		7	288			13	272				
04:15		2	**274**			27	266				
04:30		10	**262**			49	272				
04:45		24	**279**	43	1103	65	311	154	1121	197	2224
05:00		18	**313**			49	288				
05:15		17	264			54	266				
05:30		42	265			90	268				
05:45		66	250	143	1092	107	251	300	1073	443	2165
06:00		58	224			123	233				
06:15		63	250			150	279				
06:30		57	238			220	236				
06:45		85	190	263	902	280	273	773	1021	1036	1923
07:00		86	214			283	192				
07:15		95	171			284	143				
07:30		165	173			417	190				
07:45		101	148	447	706	413	161	1397	686	1844	1392
08:00		149	151			**431**	108				
08:15		152	125			**464**	90				
08:30		199	154			**423**	107				
08:45		157	105	657	535	**441**	85	1759	390	2416	925
09:00		169	130			351	109				
09:15		171	106			352	92				
09:30		169	102			278	54				
09:45		170	112	679	450	328	75	1309	330	1988	780
10:00		166	86			245	50				
10:15		166	67			262	60				
10:30		187	39			273	35				
10:45		**208**	68	727	260	271	36	1051	181	1778	441
11:00		**189**	50			230	38				
11:15		**213**	36			253	33				
11:30		**222**	66			252	19				
11:45		200	28	824	180	239	24	974	114	1798	294
Total		3995	9147	3995	9147	7875	9047	7875	9047	11870	18194
Combined Total		13142		13142		16922		16922		30064	
AM Peak	-	10:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	832	-	-	-	1759	-	-	-	-	-
P.H.F.		0.937				0.948					
PM Peak	-	-	04:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	1128	-	-	-	1167	-	-	-	-
P.H.F.			0.901				0.969				
Percentage		30.4%	69.6%			46.5%	53.5%				
ADT/AADT		ADT 30,064		AADT 30,064							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
N/ Trabuco Road
24 Hour Directional Volume Count

IRV148
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		24	225			11	253				
12:15		26	249			16	212				
12:30		29	212			18	239				
12:45		16	237	95	923	11	259	56	963	151	1886
01:00		13	198			11	242				
01:15		7	230			9	242				
01:30		21	197			9	225				
01:45		11	253	52	878	10	215	39	924	91	1802
02:00		10	253			3	214				
02:15		8	274			4	218				
02:30		13	308			5	**249**				
02:45		14	280	45	1115	12	**300**	24	981	69	2096
03:00		7	322			9	**334**				
03:15		5	347			3	**223**				
03:30		5	302			8	226				
03:45		10	311	27	1282	11	207	31	990	58	2272
04:00		6	351			9	224				
04:15		9	361			15	232				
04:30		10	364			23	194				
04:45		16	376	41	1452	35	188	82	838	123	2290
05:00		20	401			38	199				
05:15		27	346			48	210				
05:30		32	**391**			77	221				
05:45		60	**291**	139	1429	92	220	255	850	394	2279
06:00		54	**418**			90	191				
06:15		73	**417**			123	203				
06:30		72	295			177	166				
06:45		115	301	314	1431	192	185	582	745	896	2176
07:00		115	285			260	174				
07:15		163	261			285	183				
07:30		179	247			314	155				
07:45		145	231	602	1024	**382**	127	1241	639	1843	1663
08:00		152	200			**403**	122				
08:15		194	174			**373**	145				
08:30		187	182			**433**	138				
08:45		173	157	706	713	346	132	1555	537	2261	1250
09:00		149	168			277	141				
09:15		163	157			300	99				
09:30		145	155			264	65				
09:45		157	130	614	610	314	68	1155	373	1769	983
10:00		156	132			236	73				
10:15		156	104			259	59				
10:30		184	75			239	43				
10:45		182	66	678	377	225	31	959	206	1637	583
11:00		**199**	53			226	40				
11:15		**188**	66			176	27				
11:30		**227**	61			258	26				
11:45		**203**	32	817	212	209	22	869	115	1686	327
Total		4130	11446	4130	11446	6848	8161	6848	8161	10978	19607
Combined Total		15576		15576		15009		15009		30585	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	817	-	-	-	1591	-	-	-	-	-
P.H.F.		0.900				0.919					
PM Peak	-	-	05:30	-	-	-	02:30	-	-	-	-
Vol.	-	-	1517	-	-	-	1106	-	-	-	-
P.H.F.			0.907				0.828				
Percentage		26.5%	73.5%			45.6%	54.4%				
ADT/AADT		ADT 30,585		AADT 30,585							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Sand Canyon Avenue
B/ Northbound Interstate 405 - Alton Parkway

File Name 334
Site Code: 192-23001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/24/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	208			49	308				
12:15	30	266			33	374				
12:30	12	255			50	346				
12:45	10	328	80	1057	19	354	151	1382	231	2439
1:00	9	283			25	405				
1:15	7	300			9	359				
1:30	11	332			12	400				
1:45	12	354	39	1269	10	333	56	1497	95	2766
2:00	10	270			12	380				
2:15	14	278			8	379				
2:30	4	304			13	503				
2:45	9	346	37	1198	6	458	39	1720	76	2918
3:00	7	277			7	474				
3:15	16	259			12	402				
3:30	14	261			15	494				
3:45	16	293	53	1090	13	411	47	1781	100	2871
4:00	25	272			11	509				
4:15	28	261			18	446				
4:30	68	261			30	513				
4:45	117	276	238	1070	23	461	82	1929	320	2999
5:00	55	198			31	572				
5:15	71	255			71	457				
5:30	112	265			51	466				
5:45	185	255	423	973	84	422	237	1917	660	2890
6:00	159	223			70	432				
6:15	236	213			105	362				
6:30	269	234			141	338				
6:45	402	200	1066	870	170	340	486	1472	1552	2342
7:00	320	181			208	273				
7:15	338	174			262	192				
7:30	343	163			352	255				
7:45	485	140	1486	658	349	228	1171	948	2657	1606
8:00	395	98			387	177				
8:15	442	118			380	189				
8:30	368	108			416	154				
8:45	444	118	1649	442	355	119	1538	639	3187	1081
9:00	377	106			380	146				
9:15	362	97			323	135				
9:30	381	91			331	130				
9:45	382	76	1502	370	376	91	1410	502	2912	872
10:00	361	74			329	86				
10:15	303	61			331	99				
10:30	259	54			348	82				
10:45	281	48	1204	237	358	61	1366	328	2570	565
11:00	239	39			348	65				
11:15	275	38			316	37				
11:30	263	24			360	91				
11:45	262	27	1039	128	370	32	1394	225	2433	353
Totals	8816	9362			7977	14340				
Combined Totals		18178				22317				
ADT										40495
AM Peak Hour	745	AM			800	AM				
Volume	1690				1538					
P.H.F.	0.871				0.924					
PM Peak Hour		100	PM			430	PM			
Volume		1269				2003				
P.H.F.		0.896				0.875				
Percentage	48.5%	51.5%			35.7%	64.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
S/ Irvine Boulevard
24 Hour Directional Volume Count

IRV147
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		26	146			12	189				
12:15		16	137			8	200				
12:30		20	166			4	201				
12:45		15	153	77	602	12	177	36	767	113	1369
01:00		10	152			4	182				
01:15		8	161			7	207				
01:30		9	161			8	179				
01:45		14	188	41	662	2	184	21	752	62	1414
02:00		6	204			5	181				
02:15		7	222			2	**205**				
02:30		10	195			7	**232**				
02:45		14	215	37	836	9	**289**	23	907	60	1743
03:00		6	252			7	**270**				
03:15		3	253			2	187				
03:30		4	225			3	191				
03:45		5	231	18	961	5	193	17	841	35	1802
04:00		6	277			6	224				
04:15		5	**279**			11	225				
04:30		7	**299**			16	183				
04:45		12	**311**	30	1166	29	198	62	830	92	1996
05:00		15	**306**			34	177				
05:15		12	270			40	219				
05:30		39	292			69	204				
05:45		43	239	109	1107	64	190	207	790	316	1897
06:00		42	270			90	183				
06:15		77	277			97	203				
06:30		56	220			140	156				
06:45		97	204	272	971	157	194	484	736	756	1707
07:00		126	167			204	146				
07:15		147	209			208	136				
07:30		**215**	156			242	153				
07:45		**152**	192	640	724	**306**	131	960	566	1600	1290
08:00		**204**	138			**303**	90				
08:15		**166**	167			**337**	101				
08:30		160	138			**391**	136				
08:45		161	139	691	582	280	106	1311	433	2002	1015
09:00		143	115			278	91				
09:15		119	124			220	73				
09:30		157	119			221	61				
09:45		121	111	540	469	240	74	959	299	1499	768
10:00		122	98			217	49				
10:15		129	81			214	38				
10:30		117	65			203	34				
10:45		147	51	515	295	197	24	831	145	1346	440
11:00		136	52			180	27				
11:15		139	57			147	17				
11:30		129	59			240	22				
11:45		137	24	541	192	174	13	741	79	1282	271
Total		3511	8567	3511	8567	5652	7145	5652	7145	9163	15712
Combined Total		12078		12078		12797		12797		24875	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	737	-	-	-	1337	-	-	-	-	-
P.H.F.		0.857				0.855					
PM Peak	-	-	04:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	1195	-	-	-	996	-	-	-	-
P.H.F.			0.961				0.862				
Percentage		29.1%	70.9%			44.2%	55.8%				
ADT/AADT		ADT 24,875		AADT 24,875							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
S/ Roosevelt
24 Hour Directional Volume Count

IRV145
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		53	322			16	295				
12:15		39	333			20	**278**				
12:30		40	277			27	**310**				
12:45		25	320	157	1252	10	**314**	73	1197	230	2449
01:00		22	307			13	**300**				
01:15		15	304			12	273				
01:30		25	297			7	301				
01:45		23	331	85	1239	8	262	40	1136	125	2375
02:00		17	339			10	266				
02:15		8	343			7	286				
02:30		19	333			8	265				
02:45		16	428	60	1443	15	326	40	1143	100	2586
03:00		8	351			15	295				
03:15		11	441			11	270				
03:30		8	414			10	289				
03:45		11	404	38	1610	11	256	47	1110	85	2720
04:00		5	485			12	258				
04:15		10	492			23	282				
04:30		10	491			37	234				
04:45		26	459	51	1927	51	225	123	999	174	2926
05:00		24	**502**			55	214				
05:15		28	**528**			70	243				
05:30		42	**550**			104	240				
05:45		66	**485**	160	2065	142	269	371	966	531	3031
06:00		66	501			117	240				
06:15		86	512			139	232				
06:30		91	432			238	207				
06:45		150	427	393	1872	290	231	784	910	1177	2782
07:00		146	362			313	184				
07:15		190	345			390	215				
07:30		214	332			460	220				
07:45		189	311	739	1350	**487**	151	1650	770	2389	2120
08:00		203	278			**458**	145				
08:15		189	285			**509**	151				
08:30		164	294			**498**	169				
08:45		194	258	750	1115	476	139	1941	604	2691	1719
09:00		181	244			397	152				
09:15		183	221			442	130				
09:30		188	235			387	83				
09:45		183	231	735	931	422	92	1648	457	2383	1388
10:00		198	178			320	92				
10:15		209	158			366	71				
10:30		232	110			350	48				
10:45		246	110	885	556	340	45	1376	256	2261	812
11:00		**237**	86			385	46				
11:15		**253**	79			275	39				
11:30		**281**	73			306	36				
11:45		**282**	64	1053	302	316	35	1282	156	2335	458
Total		5106	15662	5106	15662	9375	9704	9375	9704	14481	25366
Combined Total		20768		20768		19079		19079		39847	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1053	-	-	-	1952	-	-	-	-	-
P.H.F.		0.934				0.959					
PM Peak	-	-	05:00	-	-	-	00:15	-	-	-	-
Vol.	-	-	2065	-	-	-	1202	-	-	-	-
P.H.F.			0.939				0.957				
Percentage		24.6%	75.4%			49.1%	50.9%				
ADT/AADT		ADT 39,847		AADT 39,847							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Sand Canyon Avenue
S/ Trabuco Road
24 Hour Directional Volume Count

IRV144
Site Code: 051-24139

Start Time	2/8/24 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		37	270			14	300				
12:15		37	305			18	265				
12:30		37	263			23	281				
12:45		23	292	134	1130	10	**326**	65	1172	199	2302
01:00		21	259			13	**300**				
01:15		15	305			12	**291**				
01:30		27	255			7	**318**				
01:45		22	344	85	1163	7	260	39	1169	124	2332
02:00		14	296			10	279				
02:15		10	312			5	279				
02:30		18	358			9	283				
02:45		15	366	57	1332	13	315	37	1156	94	2488
03:00		9	335			12	309				
03:15		8	392			5	265				
03:30		6	391			9	282				
03:45		11	383	34	1501	11	256	37	1112	71	2613
04:00		6	433			10	260				
04:15		9	440			19	258				
04:30		9	459			32	238				
04:45		19	465	43	1797	43	215	104	971	147	2768
05:00		23	492			50	220				
05:15		27	468			64	233				
05:30		38	**479**			103	247				
05:45		59	**396**	147	1835	123	256	340	956	487	2791
06:00		66	**544**			108	226				
06:15		89	**527**			161	246				
06:30		97	411			229	222				
06:45		148	398	400	1880	262	245	760	939	1160	2819
07:00		149	370			329	200				
07:15		189	376			364	194				
07:30		223	308			442	220				
07:45		194	284	755	1338	**500**	152	1635	766	2390	2104
08:00		201	266			**494**	145				
08:15		201	251			**472**	158				
08:30		185	248			**472**	174				
08:45		187	215	774	980	452	148	1890	625	2664	1605
09:00		172	240			367	156				
09:15		195	213			418	117				
09:30		176	234			386	90				
09:45		195	182	738	869	405	90	1576	453	2314	1322
10:00		195	167			342	87				
10:15		198	137			344	68				
10:30		226	118			355	49				
10:45		240	95	859	517	322	41	1363	245	2222	762
11:00		**261**	85			270	43				
11:15		**254**	79			244	31				
11:30		**283**	74			333	34				
11:45		**262**	52	1060	290	282	32	1129	140	2189	430
Total		5086	14632	5086	14632	8975	9704	8975	9704	14061	24336
Combined Total		19718		19718		18679		18679		38397	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	1060	-	-	-	1938	-	-	-	-	-
P.H.F.		0.936				0.969					
PM Peak	-	-	05:30	-	-	-	00:45	-	-	-	-
Vol.	-	-	1946	-	-	-	1235	-	-	-	-
P.H.F.			0.894				0.947				
Percentage		25.8%	74.2%			48.0%	52.0%				
ADT/AADT		ADT 38,397		AADT 38,397							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Laguna Woods
Santa Maria Avenue
S/ Moulton Parkway
24 Hour Directional Volume Count

LWS149
Site Code: 051-24139

Start	5/8/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Wed	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	**110**			7	87				
12:15		4	**94**			2	89				
12:30		2	**89**			3	81				
12:45		4	**85**	13	378	2	82	14	339	27	717
01:00		2	81			4	**98**				
01:15		0	82			0	**92**				
01:30		0	82			3	**81**				
01:45		1	89	3	334	0	**99**	7	370	10	704
02:00		2	79			3	87				
02:15		1	96			2	77				
02:30		1	83			0	94				
02:45		0	98	4	356	2	90	7	348	11	704
03:00		1	70			1	82				
03:15		0	72			0	75				
03:30		0	80			1	65				
03:45		2	82	3	304	1	90	3	312	6	616
04:00		3	65			1	94				
04:15		1	70			2	78				
04:30		2	77			2	95				
04:45		4	73	10	285	3	94	8	361	18	646
05:00		8	51			3	88				
05:15		7	66			1	93				
05:30		7	60			2	68				
05:45		13	61	35	238	3	68	9	317	44	555
06:00		19	54			6	75				
06:15		13	58			15	74				
06:30		28	47			17	64				
06:45		34	47	94	206	18	70	56	283	150	489
07:00		54	51			41	52				
07:15		51	34			32	53				
07:30		55	31			48	61				
07:45		72	43	232	159	62	44	183	210	415	369
08:00		98	38			98	50				
08:15		100	26			53	50				
08:30		76	17			52	46				
08:45		96	18	370	99	51	56	254	202	624	301
09:00		74	29			54	26				
09:15		74	19			52	33				
09:30		90	11			64	21				
09:45		104	7	342	66	80	26	250	106	592	172
10:00		84	8			62	23				
10:15		82	13			72	18				
10:30		**86**	14			**67**	18				
10:45		**102**	4	354	39	**73**	11	274	70	628	109
11:00		**97**	6			**98**	13				
11:15		**98**	8			**79**	14				
11:30		72	6			58	8				
11:45		92	4	359	24	72	8	307	43	666	67
Total		1819	2488	1819	2488	1372	2961	1372	2961	3191	5449
Combined Total		4307		4307		4333		4333		8640	
AM Peak	-	10:30	-	-	-	10:30	-	-	-	-	-
Vol.	-	383	-	-	-	317	-	-	-	-	-
P.H.F.		0.921				0.809					
PM Peak	-	-	12:00	-	-	-	01:00	-	-	-	-
Vol.	-	-	378	-	-	-	370	-	-	-	-
P.H.F.			0.859				0.934				
Percentage		42.2%	57.8%			31.7%	68.3%				
ADT/AADT		ADT 8,640		AADT 8,640							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Orange
Santiago Canyon Road
E/ Jamboree Road
24 Hour Directional Volume Count

ORN025
Site Code: 051-24139

Start Time	2/8/2024 Thu	Eatsbound Morning	Eatsbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	104			5	96				
12:15		6	106			6	82				
12:30		4	79			5	96				
12:45		3	79	21	368	7	92	23	366	44	734
01:00		4	89			3	97				
01:15		6	93			2	100				
01:30		1	102			4	123				
01:45		7	86	18	370	4	129	13	449	31	819
02:00		0	114			3	155				
02:15		2	110			0	163				
02:30		4	115			3	196				
02:45		2	103	8	442	2	253	8	767	16	1209
03:00		4	111			4	269				
03:15		2	116			3	275				
03:30		5	140			2	338				
03:45		6	154	17	521	4	364	13	1246	30	1767
04:00		11	138			4	327				
04:15		11	157			7	371				
04:30		18	183			12	446				
04:45		12	145	52	623	13	**421**	36	1565	88	2188
05:00		16	**193**			15	**446**				
05:15		33	**207**			32	**442**				
05:30		51	**191**			40	**494**				
05:45		40	**164**	140	755	34	357	121	1739	261	2494
06:00		57	146			45	276				
06:15		78	127			58	239				
06:30		156	125			75	198				
06:45		173	136	464	534	96	143	274	856	738	1390
07:00		207	116			136	107				
07:15		265	91			124	85				
07:30		322	66			**172**	47				
07:45		**362**	65	1156	338	**187**	45	619	284	1775	622
08:00		**315**	56			**181**	49				
08:15		**369**	69			**209**	40				
08:30		**334**	52			158	35				
08:45		257	45	1275	222	160	37	708	161	1983	383
09:00		205	30			107	41				
09:15		154	35			85	44				
09:30		120	29			117	35				
09:45		101	28	580	122	69	20	378	140	958	262
10:00		82	25			94	26				
10:15		97	25			82	15				
10:30		90	26			74	19				
10:45		80	17	349	93	83	8	333	68	682	161
11:00		77	11			76	9				
11:15		101	10			90	3				
11:30		70	9			72	6				
11:45		93	8	341	38	88	2	326	20	667	58
Total		4421	4426	4421	4426	2852	7661	2852	7661	7273	12087
Combined Total		8847		8847		10513		10513		19360	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	1380	-	-	-	749	-	-	-	-	-
P.H.F.		0.935				0.896					
PM Peak	-	-	05:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	755	-	-	-	1803	-	-	-	-
P.H.F.			0.912				0.912				
Percentage		50.0%	50.0%			27.1%	72.9%				
ADT/AADT		ADT 19,360		AADT 19,360							

Counts Unlimited, Inc.
PO Box 1178
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City of Irvine
Technology Drive West
B/ Alton Parkway - Alton Parkway

File Name 352
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	22			1	33				
12:15	1	26			0	36				
12:30	0	19			0	26				
12:45	0	25	1	92	4	19	5	114	6	206
1:00	0	19			0	34				
1:15	0	29			1	20				
1:30	2	18			0	26				
1:45	0	30	2	96	1	29	2	109	4	205
2:00	0	23			0	33				
2:15	0	59			0	22				
2:30	1	29			0	46				
2:45	0	34	1	145	0	57	0	158	1	303
3:00	0	36			0	47				
3:15	0	49			1	18				
3:30	0	37			0	35				
3:45	1	55	1	177	2	45	3	145	4	322
4:00	2	41			2	36				
4:15	1	52			2	39				
4:30	4	36			2	46				
4:45	5	28	12	157	5	41	11	162	23	319
5:00	8	20			3	43				
5:15	3	37			3	32				
5:30	9	22			7	27				
5:45	7	13	27	92	13	19	26	121	53	213
6:00	10	9			10	21				
6:15	12	17			16	13				
6:30	9	18			18	6				
6:45	14	14	45	58	28	10	72	50	117	108
7:00	23	4			29	7				
7:15	28	16			25	3				
7:30	36	6			32	8				
7:45	55	3	142	29	62	4	148	22	290	51
8:00	33	0			79	7				
8:15	19	0			92	0				
8:30	23	0			75	6				
8:45	20	0	95	0	45	1	291	14	386	14
9:00	21	3			47	2				
9:15	25	1			53	2				
9:30	12	3			36	3				
9:45	12	1	70	8	30	2	166	9	236	17
10:00	17	1			30	0				
10:15	17	2			18	4				
10:30	27	0			17	0				
10:45	23	0	84	3	20	1	85	5	169	8
11:00	18	1			24	3				
11:15	17	2			24	1				
11:30	31	1			39	1				
11:45	28	1	94	5	41	2	128	7	222	12
Totals	574	862			937	916				
Combined Totals		1436				1853				
ADT										3289
AM Peak Hour	715	AM			745	AM				
Volume	152				308					
P.H.F.	0.691				0.837					
PM Peak Hour		330	PM			215	PM			
Volume		185				172				
P.H.F.		0.841				0.754				
Percentage	40.0%	60.0%			50.6%	49.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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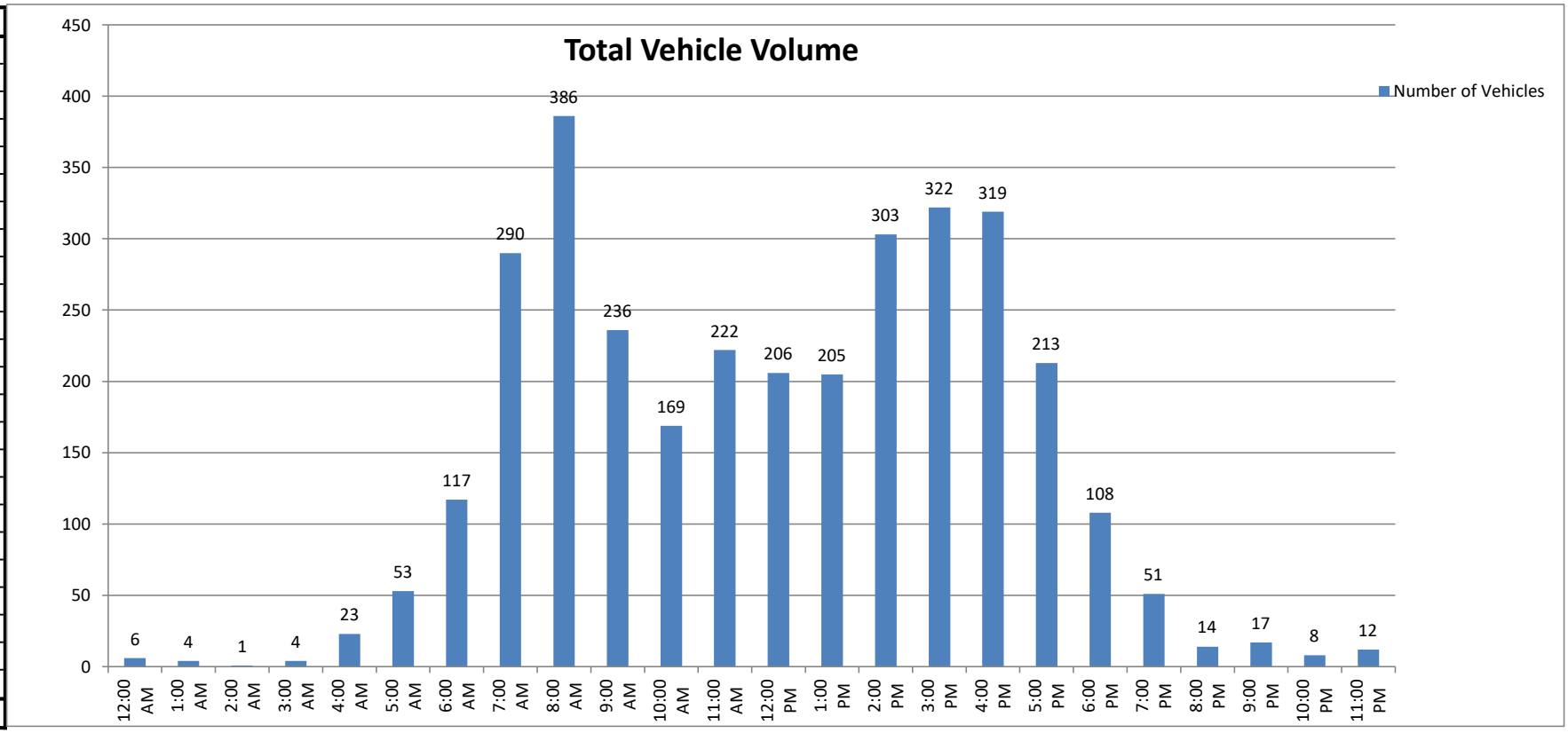
24 Hour Volume Plot

Technology Drive West
B/ Alton Parkway - Alton Parkway

3/19/2024

Start Time	3/19/2024
12:00 AM	6
1:00 AM	4
2:00 AM	1
3:00 AM	4
4:00 AM	23
5:00 AM	53
6:00 AM	117
7:00 AM	290
8:00 AM	386
9:00 AM	236
10:00 AM	169
11:00 AM	222
12:00 PM	206
1:00 PM	205
2:00 PM	303
3:00 PM	322
4:00 PM	319
5:00 PM	213
6:00 PM	108
7:00 PM	51
8:00 PM	14
9:00 PM	17
10:00 PM	8
11:00 PM	12
Total	3289



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Technology Drive West
B/ Alton Parkway - Alton Parkway

File Name 352
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	22			0	28				
12:15	0	26			1	29				
12:30	1	29			1	31				
12:45	0	17	1	94	0	26	2	114	3	208
1:00	0	29			1	29				
1:15	0	43			1	32				
1:30	0	27			0	40				
1:45	0	26	0	125	0	23	2	124	2	249
2:00	0	20			1	28				
2:15	0	66			0	21				
2:30	0	35			0	31				
2:45	2	27	2	148	0	54	1	134	3	282
3:00	0	31			0	34				
3:15	0	53			1	24				
3:30	0	26			1	28				
3:45	0	55	0	165	0	38	2	124	2	289
4:00	0	39			1	31				
4:15	3	62			1	41				
4:30	1	33			3	37				
4:45	3	28	7	162	4	42	9	151	16	313
5:00	6	20			3	28				
5:15	3	32			1	33				
5:30	10	17			3	25				
5:45	8	12	27	81	12	18	19	104	46	185
6:00	7	5			18	9				
6:15	8	19			12	15				
6:30	8	10			19	10				
6:45	19	10	42	44	23	13	72	47	114	91
7:00	24	16			31	5				
7:15	28	8			24	3				
7:30	39	8			36	2				
7:45	59	10	150	42	70	3	161	13	311	55
8:00	35	2			96	8				
8:15	41	5			94	10				
8:30	14	3			90	2				
8:45	23	0	113	10	66	2	346	22	459	32
9:00	19	1			61	4				
9:15	20	0			68	2				
9:30	14	3			56	6				
9:45	17	1	70	5	35	1	220	13	290	18
10:00	24	0			21	1				
10:15	22	0			30	2				
10:30	27	0			25	1				
10:45	25	1	98	1	21	0	97	4	195	5
11:00	32	0			37	0				
11:15	25	1			35	0				
11:30	31	1			39	3				
11:45	42	1	130	3	32	0	143	3	273	6
Totals	640	880			1074	853				
Combined Totals		1520				1927				
ADT										3447
AM Peak Hour	730	AM			745	AM				
Volume	174				350					
P.H.F.	0.737				0.911					
PM Peak Hour		345	PM			400	PM			
Volume		189				151				
P.H.F.		0.762				0.899				
Percentage	42.1%	57.9%			55.7%	44.3%				

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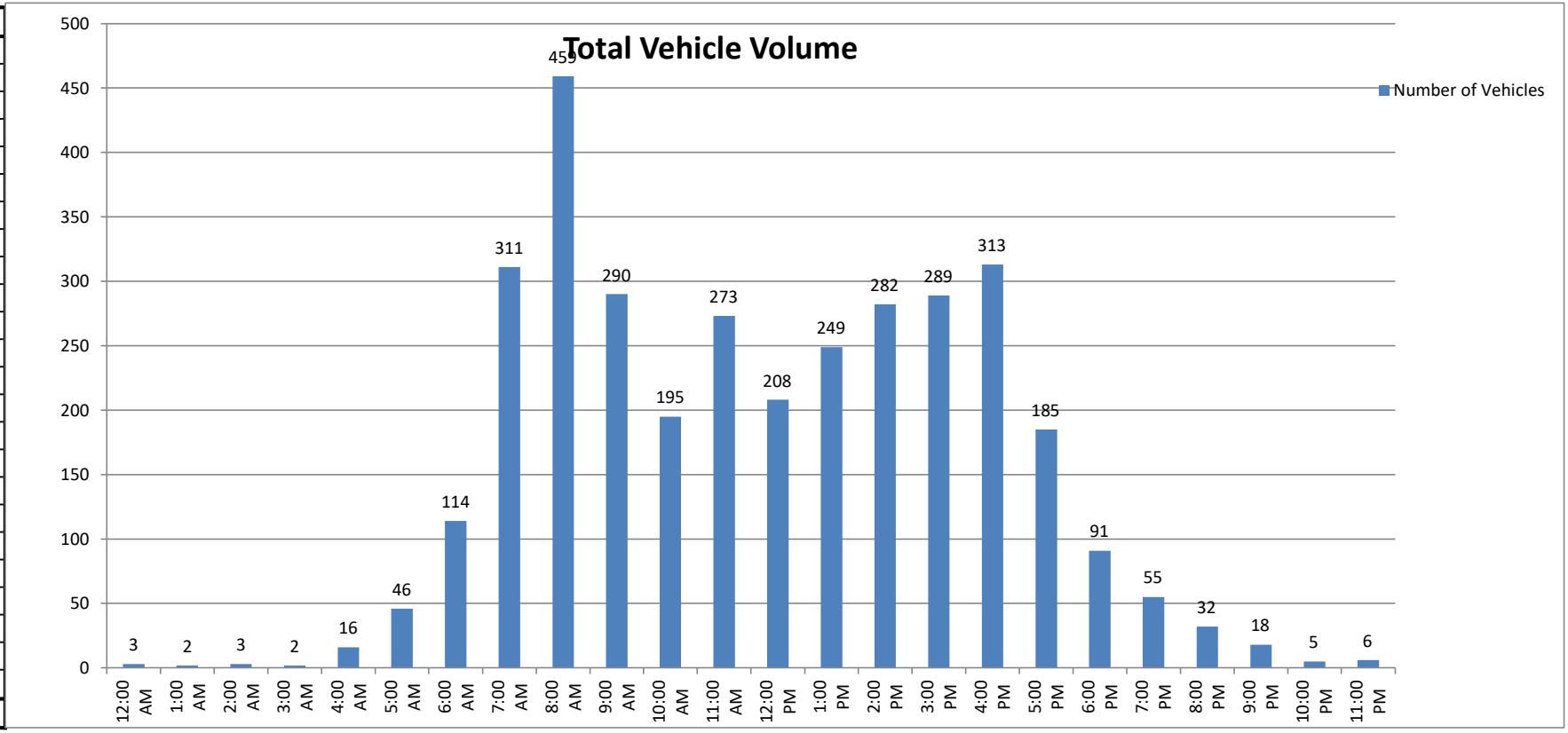
24 Hour Volume Plot

Technology Drive West
B/ Alton Parkway - Alton Parkway

3/20/2024

Start Time	3/20/2024
12:00 AM	3
1:00 AM	2
2:00 AM	3
3:00 AM	2
4:00 AM	16
5:00 AM	46
6:00 AM	114
7:00 AM	311
8:00 AM	459
9:00 AM	290
10:00 AM	195
11:00 AM	273
12:00 PM	208
1:00 PM	249
2:00 PM	282
3:00 PM	289
4:00 PM	313
5:00 PM	185
6:00 PM	91
7:00 PM	55
8:00 PM	32
9:00 PM	18
10:00 PM	5
11:00 PM	6
Total	3447



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Technology Drive West
B/ Alton Parkway - Alton Parkway

File Name 352
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	22			1	31				
12:15	1	26			1	33				
12:30	1	24			1	29				
12:45	0	21	1	93	2	23	4	114	5	207
1:00	0	24			1	32				
1:15	0	36			1	26				
1:30	1	23			0	33				
1:45	0	28	1	111	1	26	2	117	3	227
2:00	0	22			1	31				
2:15	0	63			0	22				
2:30	1	32			0	39				
2:45	1	31	2	147	0	56	1	146	2	293
3:00	0	34			0	41				
3:15	0	51			1	21				
3:30	0	32			1	32				
3:45	1	55	1	171	1	42	3	135	3	306
4:00	1	40			2	34				
4:15	2	57			2	40				
4:30	3	35			3	42				
4:45	4	28	10	160	5	42	10	157	20	316
5:00	7	20			3	36				
5:15	3	35			2	33				
5:30	10	20			5	26				
5:45	8	13	27	87	13	19	23	113	50	199
6:00	9	7			14	15				
6:15	10	18			14	14				
6:30	9	14			19	8				
6:45	17	12	44	51	26	12	72	49	116	100
7:00	24	10			30	6				
7:15	28	12			25	3				
7:30	38	7			34	5				
7:45	57	7	146	36	66	4	155	18	301	53
8:00	34	1			88	8				
8:15	30	3			93	5				
8:30	19	2			83	4				
8:45	22	0	104	5	56	2	319	18	423	23
9:00	20	2			54	3				
9:15	23	1			61	2				
9:30	13	3			46	5				
9:45	15	1	70	7	33	2	193	11	263	18
10:00	21	1			26	1				
10:15	20	1			24	3				
10:30	27	0			21	1				
10:45	24	1	91	2	21	1	91	5	182	7
11:00	25	1			31	2				
11:15	21	2			30	1				
11:30	31	1			39	2				
11:45	35	1	112	4	37	1	136	5	248	9
Totals	607	871			1006	885				
Combined Totals		1478				1890				
ADT										3368
AM Peak Hour	730	AM			745	AM				
Volume	159				329					
P.H.F.	0.695				0.884					
PM Peak Hour		345	PM			415	PM			
Volume		187				159				
P.H.F.		0.818				0.955				
Percentage	41.1%	58.9%			53.2%	46.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Technology Drive West
B/ Barranca Parkway - Alton Parkway

File Name 351
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	114			3	164				
12:15	1	98			2	168				
12:30	1	125			3	182				
12:45	3	107	8	444	1	186	9	700	17	1144
1:00	4	110			6	178				
1:15	1	94			2	142				
1:30	0	107			1	144				
1:45	0	104	5	415	0	130	9	594	14	1009
2:00	0	70			0	146				
2:15	0	84			0	128				
2:30	0	104			0	159				
2:45	0	111	0	369	0	134	0	567	0	936
3:00	0	74			4	124				
3:15	2	76			0	128				
3:30	4	76			0	142				
3:45	4	92	10	318	5	150	9	544	19	862
4:00	2	95			3	146				
4:15	0	82			3	128				
4:30	5	101			3	142				
4:45	2	76	9	354	7	156	16	572	25	926
5:00	4	88			9	163				
5:15	10	94			20	142				
5:30	24	122			25	144				
5:45	34	92	72	396	38	160	92	609	164	1005
6:00	26	70			27	152				
6:15	32	80			40	156				
6:30	24	54			26	154				
6:45	42	67	124	271	60	121	153	583	277	854
7:00	38	64			34	139				
7:15	54	48			48	105				
7:30	39	54			55	102				
7:45	52	33	183	199	58	84	195	430	378	629
8:00	64	42			57	93				
8:15	60	38			68	79				
8:30	53	29			68	87				
8:45	66	21	243	130	49	56	242	315	485	445
9:00	55	16			50	49				
9:15	67	13			65	36				
9:30	75	14			50	15				
9:45	83	2	280	45	48	4	213	104	493	149
10:00	70	8			81	2				
10:15	86	4			74	7				
10:30	80	5			121	9				
10:45	64	1	300	18	144	5	420	23	720	41
11:00	84	4			101	16				
11:15	77	1			134	12				
11:30	106	4			144	4				
11:45	102	6	369	15	168	6	547	38	916	53
Totals	1603	2974			1905	5079				
Combined Totals		4577				6984				
ADT										11561
AM Peak Hour	1100	AM			1100	AM				
Volume	369				547					
P.H.F.	0.870				0.814					
PM Peak Hour		0	PM			2415	PM			
Volume		444				714				
P.H.F.		0.888				0.960				
Percentage	35.0%	65.0%			27.3%	72.7%				

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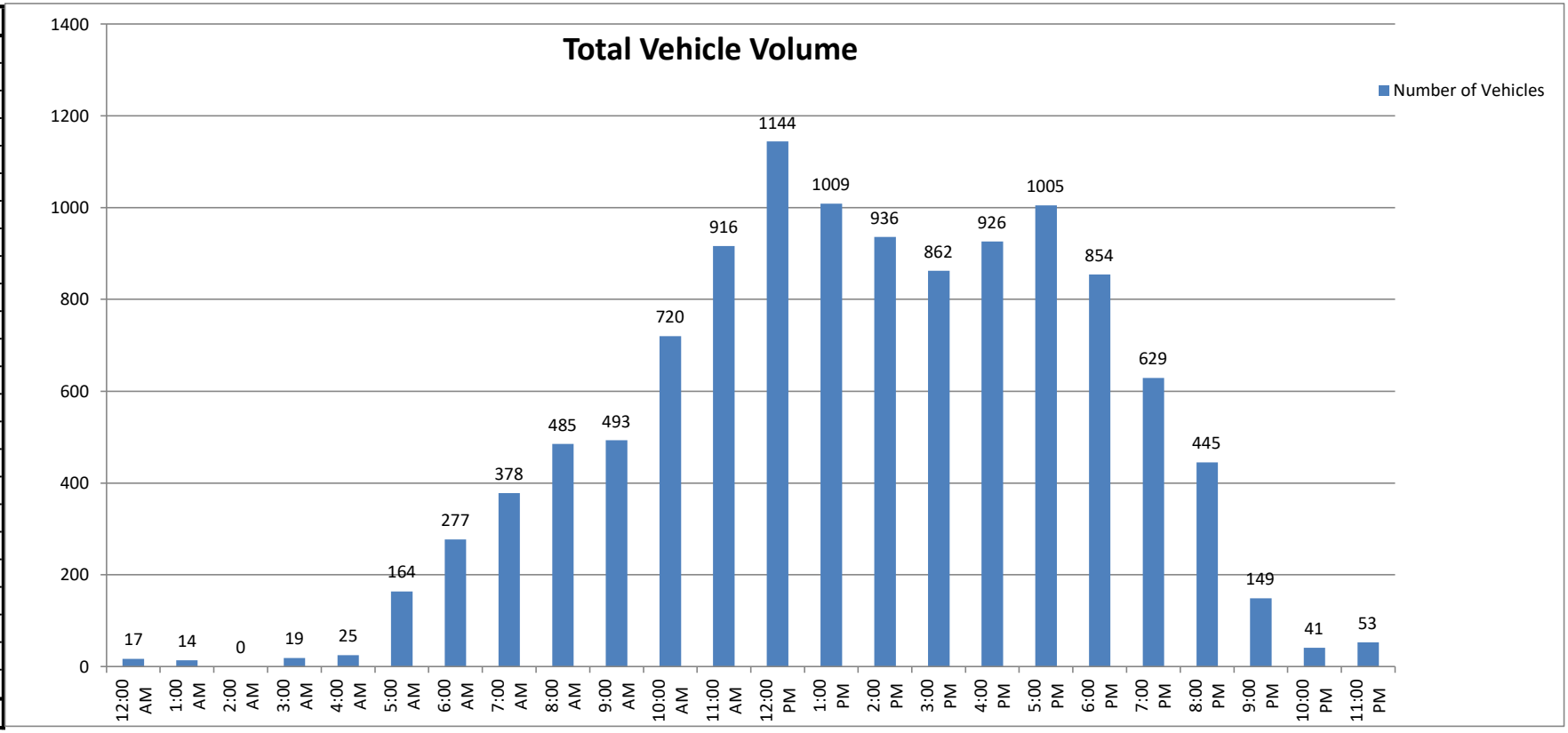
24 Hour Volume Plot

Technology Drive West
B/ Barranca Parkway - Alton Parkway

3/19/2024

Start Time	3/19/2024
12:00 AM	17
1:00 AM	14
2:00 AM	0
3:00 AM	19
4:00 AM	25
5:00 AM	164
6:00 AM	277
7:00 AM	378
8:00 AM	485
9:00 AM	493
10:00 AM	720
11:00 AM	916
12:00 PM	1144
1:00 PM	1009
2:00 PM	936
3:00 PM	862
4:00 PM	926
5:00 PM	1005
6:00 PM	854
7:00 PM	629
8:00 PM	445
9:00 PM	149
10:00 PM	41
11:00 PM	53
Total	11561



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Technology Drive West
B/ Barranca Parkway - Alton Parkway

File Name 351
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	115			4	162				
12:15	4	92			2	173				
12:30	1	96			0	158				
12:45	1	113	6	416	1	158	7	651	13	1067
1:00	2	96			0	156				
1:15	2	111			2	134				
1:30	2	94			0	156				
1:45	1	90	7	391	2	138	4	584	11	975
2:00	0	82			0	124				
2:15	1	82			4	128				
2:30	0	84			0	153				
2:45	0	76	1	324	0	138	4	543	5	867
3:00	0	90			0	122				
3:15	2	84			1	128				
3:30	4	88			1	127				
3:45	8	68	14	330	5	132	7	509	21	839
4:00	2	74			3	142				
4:15	4	78			0	139				
4:30	4	100			12	117				
4:45	2	86	12	338	10	140	25	538	37	876
5:00	3	84			8	122				
5:15	15	93			16	156				
5:30	30	92			39	140				
5:45	26	84	74	353	46	120	109	538	183	891
6:00	24	81			38	138				
6:15	33	82			48	148				
6:30	42	65			54	137				
6:45	41	68	140	296	53	128	193	551	333	847
7:00	34	60			45	136				
7:15	54	60			52	108				
7:30	56	52			60	120				
7:45	42	53	186	225	69	92	226	456	412	681
8:00	67	46			46	100				
8:15	80	24			63	111				
8:30	66	32			74	80				
8:45	66	23	279	125	50	66	233	357	512	482
9:00	60	24			78	36				
9:15	56	25			53	33				
9:30	64	8			62	21				
9:45	82	6	262	63	58	3	251	93	513	156
10:00	86	2			62	8				
10:15	78	6			87	4				
10:30	62	4			102	9				
10:45	64	2	290	14	99	10	350	31	640	45
11:00	82	8			152	13				
11:15	104	4			138	2				
11:30	92	4			135	8				
11:45	82	4	360	20	144	8	569	31	929	51
Totals	1631	2895			1978	4882				
Combined Totals		4526				6860				
ADT										11386
AM Peak Hour	1100	AM			1100	AM				
Volume	360				569					
P.H.F.	0.865				0.936					
PM Peak Hour		1230	PM			1200	PM			
Volume		416				651				
P.H.F.		0.920				0.941				
Percentage	36.0%	64.0%			28.8%	71.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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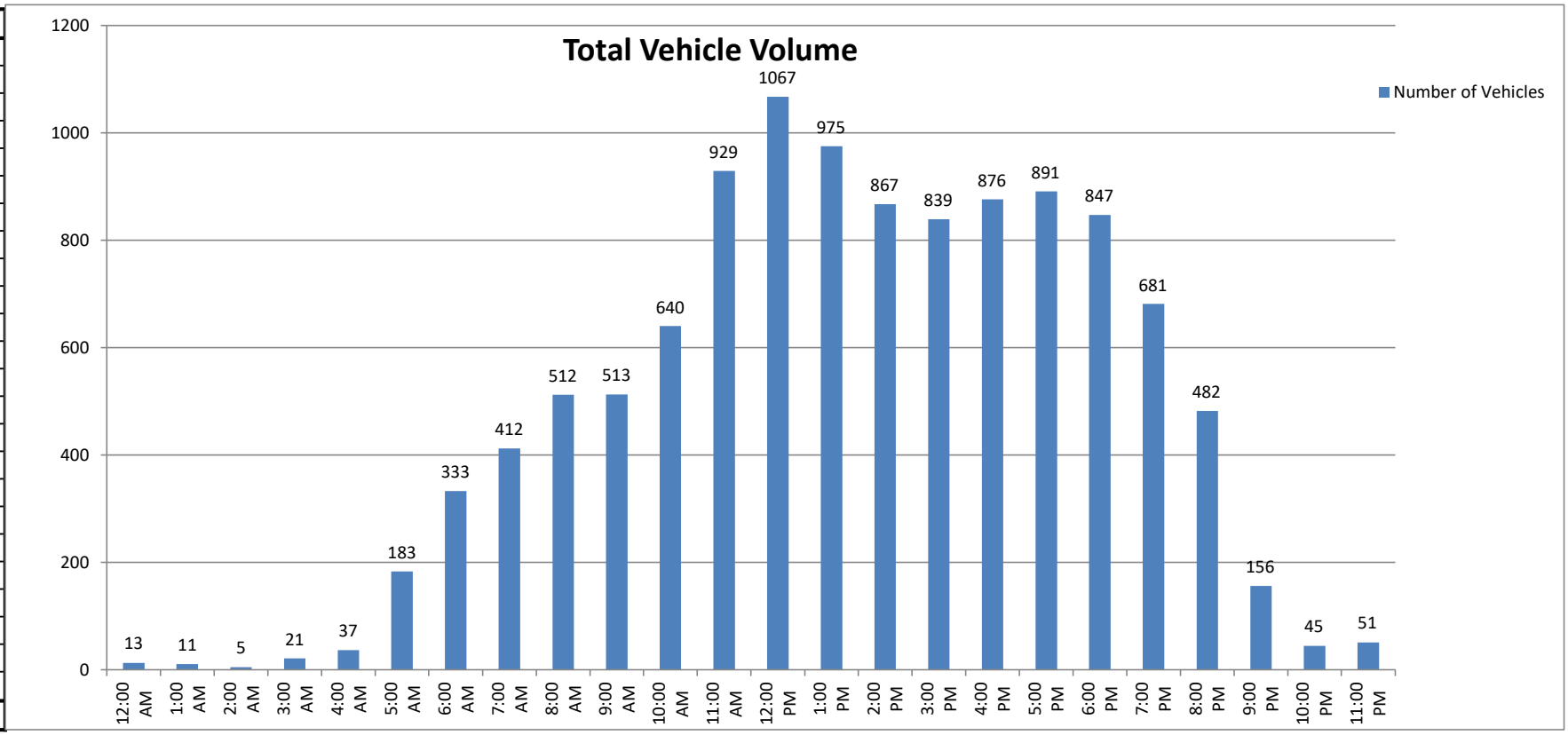
Corona, CA 92878

24 Hour Volume Plot

Technology Drive West
B/ Barranca Parkway - Alton Parkway

3/20/2024

Start Time	3/20/2024
12:00 AM	13
1:00 AM	11
2:00 AM	5
3:00 AM	21
4:00 AM	37
5:00 AM	183
6:00 AM	333
7:00 AM	412
8:00 AM	512
9:00 AM	513
10:00 AM	640
11:00 AM	929
12:00 PM	1067
1:00 PM	975
2:00 PM	867
3:00 PM	839
4:00 PM	876
5:00 PM	891
6:00 PM	847
7:00 PM	681
8:00 PM	482
9:00 PM	156
10:00 PM	45
11:00 PM	51
Total	11386



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Technology Drive West
B/ Barranca Parkway - Alton Parkway

File Name 351
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	115			4	163				
12:15	3	95			2	171				
12:30	1	111			2	170				
12:45	2	110	7	430	1	172	8	676	15	1106
1:00	3	103			3	167				
1:15	2	103			2	138				
1:30	1	101			1	150				
1:45	1	97	6	403	1	134	7	589	13	992
2:00	0	76			0	135				
2:15	1	83			2	128				
2:30	0	94			0	156				
2:45	0	94	1	347	0	136	2	555	3	902
3:00	0	82			2	123				
3:15	2	80			1	128				
3:30	4	82			1	135				
3:45	6	80	12	324	5	141	8	527	20	851
4:00	2	85			3	144				
4:15	2	80			2	134				
4:30	5	101			8	130				
4:45	2	81	11	346	9	148	21	555	31	901
5:00	4	86			9	143				
5:15	13	94			18	149				
5:30	27	107			32	142				
5:45	30	88	73	375	42	140	101	574	174	948
6:00	25	76			33	145				
6:15	33	81			44	152				
6:30	33	60			40	146				
6:45	42	68	132	284	57	125	173	567	305	851
7:00	36	62			40	138				
7:15	54	54			50	107				
7:30	48	53			58	111				
7:45	47	43	185	212	64	88	211	443	395	655
8:00	66	44			52	97				
8:15	70	31			66	95				
8:30	60	31			71	84				
8:45	66	22	261	128	50	61	238	336	499	464
9:00	58	20			64	43				
9:15	62	19			59	35				
9:30	70	11			56	18				
9:45	83	4	271	54	53	4	232	99	503	153
10:00	78	5			72	5				
10:15	82	5			81	6				
10:30	71	5			112	9				
10:45	64	2	295	16	122	8	385	27	680	43
11:00	83	6			127	15				
11:15	91	3			136	7				
11:30	99	4			140	6				
11:45	92	5	365	18	156	7	558	35	923	52
Totals	1617	2935			1942	4981				
Combined Totals		4552				6922				
ADT										11474
AM Peak Hour	1100	AM			1100	AM				
Volume	365				558					
P.H.F.	0.920				0.894					
PM Peak Hour		0	PM			2415	PM			
Volume		430				680				
P.H.F.		0.939				0.988				
Percentage	35.5%	64.5%			28.0%	72.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Technology Drive
E/ Laguna Canyon Road
24 Hour Directional Volume Count

IRV150
Site Code: 051-24139

Start Time	2/8/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	13			0	31				
12:15		0	13			0	21				
12:30		0	**17**			0	14				
12:45		0	**9**	0	52	0	11	0	77	0	129
01:00		0	**17**			1	18				
01:15		0	**15**			0	12				
01:30		0	10			0	12				
01:45		0	12	0	54	1	12	2	54	2	108
02:00		0	2			0	14				
02:15		1	7			0	9				
02:30		0	4			1	14				
02:45		0	5	1	18	0	8	1	45	2	63
03:00		0	4			1	12				
03:15		0	4			0	7				
03:30		0	3			0	23				
03:45		0	5	0	16	1	16	2	58	2	74
04:00		0	6			0	22				
04:15		1	1			0	23				
04:30		1	6			1	**29**				
04:45		2	5	4	18	0	**22**	1	96	5	114
05:00		2	1			0	**31**				
05:15		4	1			0	**27**				
05:30		3	2			1	21				
05:45		8	3	17	7	0	14	1	93	18	100
06:00		8	6			0	16				
06:15		9	0			0	15				
06:30		8	0			0	10				
06:45		19	2	44	8	3	10	3	51	47	59
07:00		14	0			1	4				
07:15		20	1			2	4				
07:30		19	2			3	3				
07:45		31	2	84	5	4	3	10	14	94	19
08:00		**25**	0			1	3				
08:15		**32**	1			4	0				
08:30		**35**	1			3	2				
08:45		**33**	0	125	2	5	0	13	5	138	7
09:00		24	0			2	1				
09:15		24	1			4	1				
09:30		17	0			2	1				
09:45		15	0	80	1	8	0	16	3	96	4
10:00		13	0			3	0				
10:15		10	0			9	1				
10:30		8	0			2	0				
10:45		18	0	49	0	10	0	24	1	73	1
11:00		6	0			**7**	1				
11:15		10	0			**6**	0				
11:30		9	0			**13**	0				
11:45		13	0	38	0	**22**	0	48	1	86	1
Total		442	181	442	181	121	498	121	498	563	679
Combined Total		623		623		619		619		1242	
AM Peak	-	08:00	-	-	-	11:00	-	-	-	-	-
Vol.	-	125	-	-	-	48	-	-	-	-	-
P.H.F.		0.893				0.545					
PM Peak	-	-	00:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	58	-	-	-	109	-	-	-	-
P.H.F.			0.853				0.879				
Percentage		70.9%	29.1%			19.5%	80.5%				
ADT/AADT		ADT 1,242		AADT 1,242							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Irvine
Technology
W/ Barranca Parkway
24 Hour Directional Volume Count

IRV151
Site Code: 051-24139

Start	5/14/2024	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Tue	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	82			0	56				
12:15		1	66			0	**58**				
12:30		4	64			0	**61**				
12:45		1	58	8	270	1	**74**	1	249	9	519
01:00		2	60			0	**63**				
01:15		2	58			3	52				
01:30		6	50			2	61				
01:45		2	36	12	204	4	36	9	212	21	416
02:00		6	46			0	46				
02:15		2	52			1	48				
02:30		1	80			2	30				
02:45		2	40	11	218	0	40	3	164	14	382
03:00		2	65			1	33				
03:15		0	39			0	30				
03:30		2	56			0	42				
03:45		0	44	4	204	5	46	6	151	10	355
04:00		6	79			6	60				
04:15		2	**74**			2	55				
04:30		6	**71**			2	58				
04:45		4	**89**	18	313	14	54	24	227	42	540
05:00		7	**120**			4	53				
05:15		3	64			8	58				
05:30		9	70			13	60				
05:45		14	58	33	312	20	47	45	218	78	530
06:00		8	59			10	48				
06:15		16	47			20	38				
06:30		12	59			18	37				
06:45		31	37	67	202	46	18	94	141	161	343
07:00		14	35			30	18				
07:15		15	33			36	25				
07:30		30	21			58	18				
07:45		45	29	104	118	56	22	180	83	284	201
08:00		41	16			**86**	27				
08:15		50	12			**87**	18				
08:30		40	12			**76**	32				
08:45		58	8	189	48	**88**	14	337	91	526	139
09:00		46	6			81	14				
09:15		42	7			46	7				
09:30		39	6			44	6				
09:45		63	4	190	23	48	2	219	29	409	52
10:00		50	6			33	3				
10:15		41	1			33	3				
10:30		47	1			34	9				
10:45		40	1	178	9	35	2	135	17	313	26
11:00		**45**	6			55	3				
11:15		**60**	4			37	1				
11:30		**65**	4			65	1				
11:45		**82**	4	252	18	58	5	215	10	467	28
Total		1066	1939	1066	1939	1268	1592	1268	1592	2334	3531
Combined Total		3005		3005		2860		2860		5865	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	252	-	-	-	337	-	-	-	-	-
P.H.F.		0.768				0.957					
PM Peak	-	-	04:15	-	-	-	00:15	-	-	-	-
Vol.	-	-	354	-	-	-	256	-	-	-	-
P.H.F.			0.738				0.865				
Percentage		35.5%	64.5%			44.3%	55.7%				
ADT/AADT		ADT 5,865		AADT 5,865							

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Corona, CA 92878

City of Irvine
Toledo Way
B/ Alton Parkway - Bake Parkway

File Name 353
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	80			11	38				
12:15	5	56			4	28				
12:30	2	54			17	51				
12:45	2	50	14	240	4	54	36	171	50	411
1:00	6	59			3	46				
1:15	2	45			1	63				
1:30	1	62			6	68				
1:45	5	62	14	228	0	30	10	207	24	435
2:00	2	68			1	38				
2:15	4	48			2	33				
2:30	2	79			2	54				
2:45	1	62	9	257	3	51	8	176	17	433
3:00	10	55			9	58				
3:15	4	57			18	31				
3:30	11	87			14	43				
3:45	26	58	51	257	20	32	61	164	112	421
4:00	16	96			9	27				
4:15	7	72			11	39				
4:30	19	95			20	47				
4:45	34	89	76	352	33	48	73	161	149	513
5:00	10	104			18	47				
5:15	10	89			14	36				
5:30	9	88			21	35				
5:45	14	64	43	345	35	44	88	162	131	507
6:00	13	70			35	37				
6:15	19	59			28	31				
6:30	22	48			17	23				
6:45	28	48	82	225	73	16	153	107	235	332
7:00	45	40			73	15				
7:15	46	20			77	19				
7:30	44	22			90	17				
7:45	62	15	197	97	100	14	340	65	537	162
8:00	53	26			136	14				
8:15	45	17			112	8				
8:30	41	27			82	10				
8:45	35	15	174	85	66	10	396	42	570	127
9:00	33	15			59	12				
9:15	35	9			41	10				
9:30	31	19			49	8				
9:45	40	12	139	55	40	6	189	36	328	91
10:00	35	20			47	8				
10:15	39	15			17	9				
10:30	31	12			30	6				
10:45	32	4	137	51	31	10	125	33	262	84
11:00	27	6			27	19				
11:15	37	6			35	3				
11:30	39	4			45	4				
11:45	61	1	164	17	41	3	148	29	312	46
Totals	1100	2209			1627	1353				
Combined Totals		3309				2980				
ADT										6289
AM Peak Hour	715	AM			730	AM				
Volume	205				438					
P.H.F.	0.827				0.805					
PM Peak Hour		430	PM			2445	PM			
Volume		377				231				
P.H.F.		0.906				0.849				
Percentage	33.2%	66.8%			54.6%	45.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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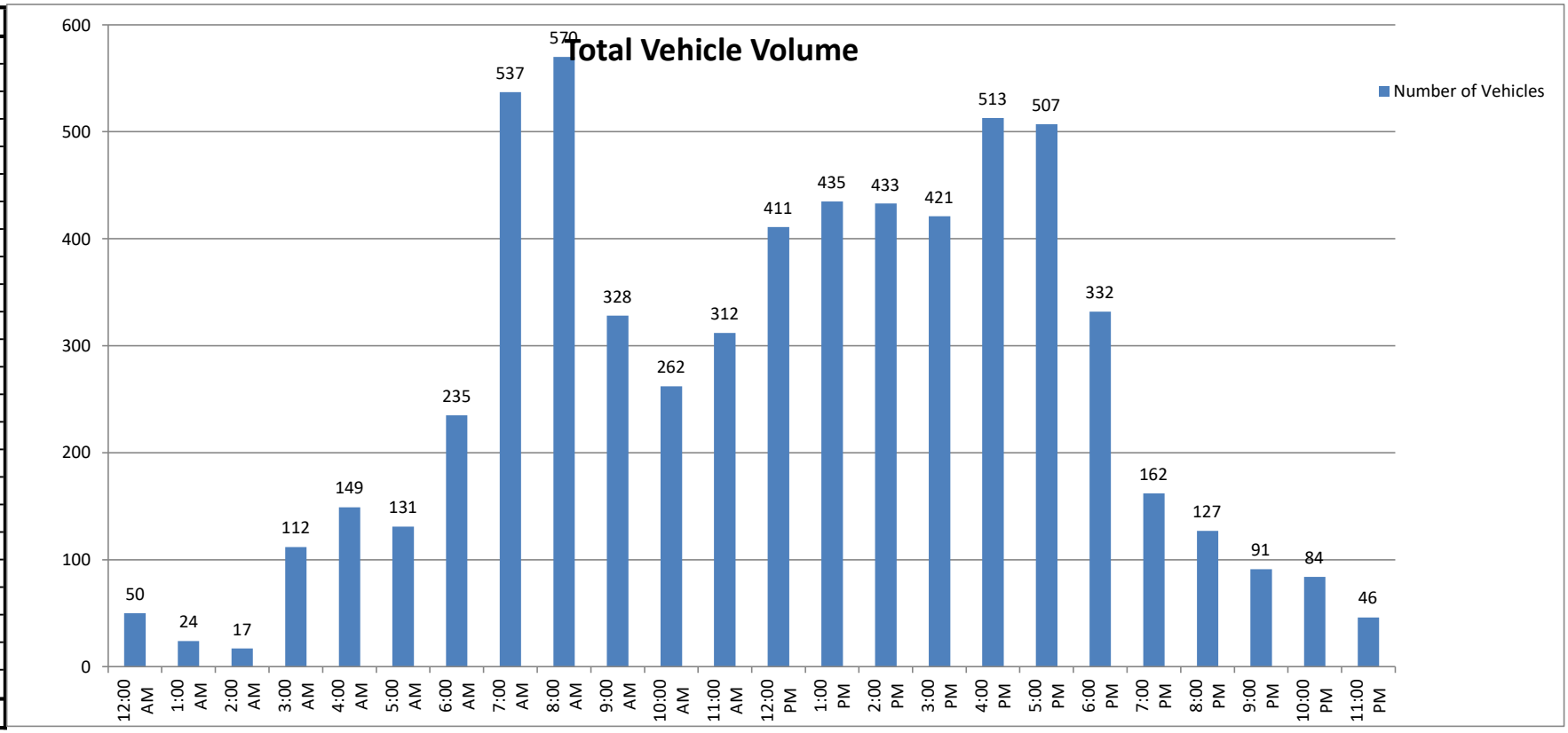
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Toledo Way
B/ Alton Parkway - Bake Parkway

3/19/2024

Start Time	3/19/2024
12:00 AM	50
1:00 AM	24
2:00 AM	17
3:00 AM	112
4:00 AM	149
5:00 AM	131
6:00 AM	235
7:00 AM	537
8:00 AM	570
9:00 AM	328
10:00 AM	262
11:00 AM	312
12:00 PM	411
1:00 PM	435
2:00 PM	433
3:00 PM	421
4:00 PM	513
5:00 PM	507
6:00 PM	332
7:00 PM	162
8:00 PM	127
9:00 PM	91
10:00 PM	84
11:00 PM	46
Total	6289



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Toledo Way
B/ Alton Parkway - Bake Parkway

File Name 353
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	82			11	47				
12:15	3	71			0	35				
12:30	1	43			15	51				
12:45	2	64	10	260	1	51	27	184	37	444
1:00	4	47			1	49				
1:15	3	59			3	60				
1:30	2	86			5	81				
1:45	0	73	9	265	3	42	12	232	21	497
2:00	7	66			1	48				
2:15	3	61			5	36				
2:30	3	85			2	60				
2:45	4	67	17	279	6	35	14	179	31	458
3:00	6	64			3	34				
3:15	3	58			13	45				
3:30	9	77			19	44				
3:45	23	69	41	268	16	51	51	174	92	442
4:00	11	96			3	38				
4:15	7	73			10	37				
4:30	15	104			18	32				
4:45	36	74	69	347	30	35	61	142	130	489
5:00	11	91			26	54				
5:15	7	100			25	47				
5:30	6	107			18	44				
5:45	13	66	37	364	36	38	105	183	142	547
6:00	13	70			32	29				
6:15	20	60			23	31				
6:30	26	48			23	27				
6:45	24	46	83	224	64	28	142	115	225	339
7:00	37	31			72	23				
7:15	41	20			79	22				
7:30	35	34			83	20				
7:45	61	19	174	104	108	10	342	75	516	179
8:00	57	23			118	10				
8:15	51	37			105	15				
8:30	45	27			69	12				
8:45	57	31	210	118	73	14	365	51	575	169
9:00	34	17			59	7				
9:15	30	16			62	11				
9:30	36	13			51	5				
9:45	35	3	135	49	34	5	206	28	341	77
10:00	28	23			26	7				
10:15	23	12			32	8				
10:30	32	12			30	3				
10:45	35	4	118	51	26	7	114	25	232	76
11:00	46	7			34	22				
11:15	45	4			32	6				
11:30	39	6			39	5				
11:45	42	7	172	24	28	4	133	37	305	61
Totals	1075	2353			1572	1425				
Combined Totals		3428				2997				
ADT										6425
AM Peak Hour	745	AM			730	AM				
Volume	214				414					
P.H.F.	0.877				0.877					
PM Peak Hour		445	PM			2445	PM			
Volume		372				241				
P.H.F.		0.869				0.744				
Percentage	31.4%	68.6%			52.5%	47.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

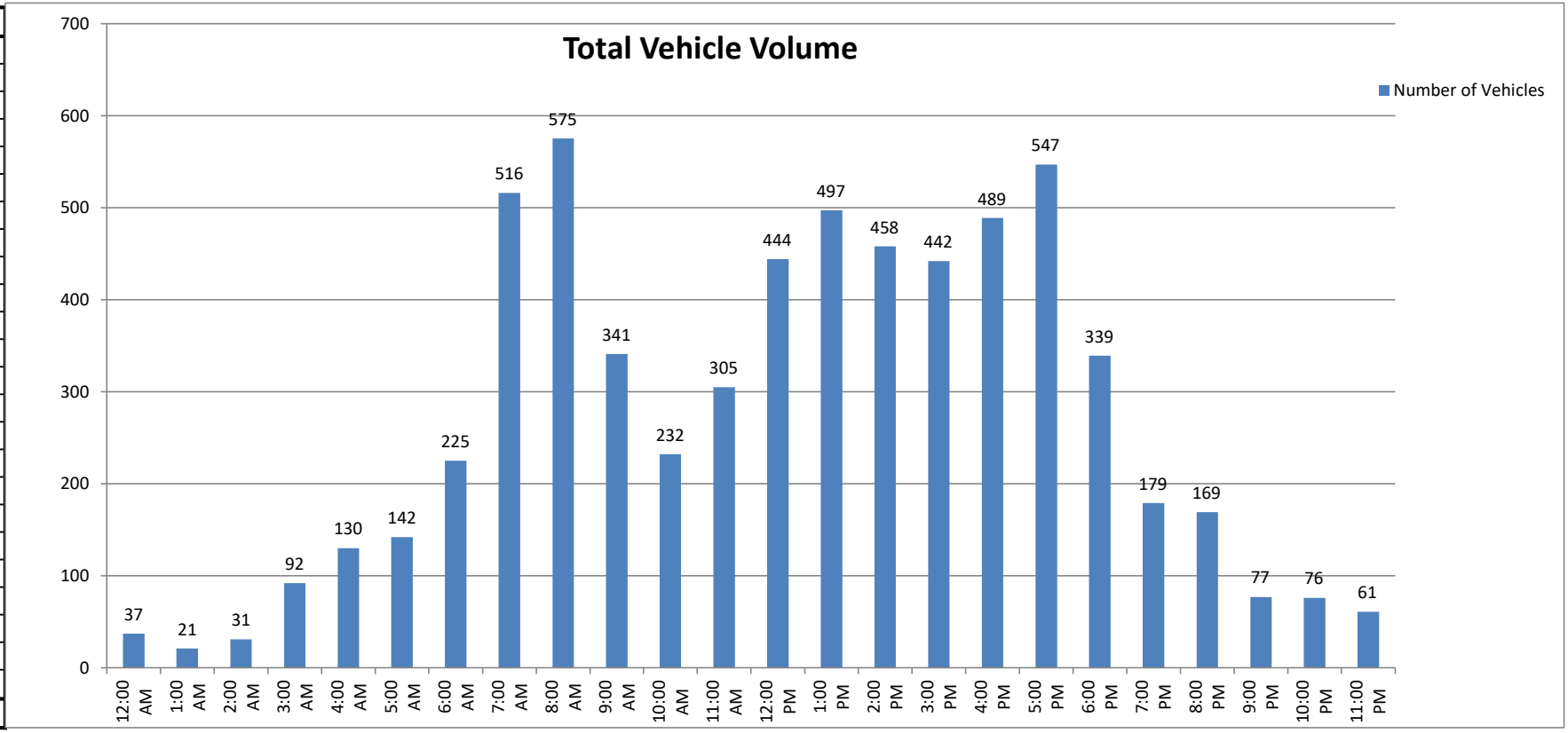
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Toledo Way
B/ Alton Parkway - Bake Parkway

3/20/2024

Start Time	3/20/2024
12:00 AM	37
1:00 AM	21
2:00 AM	31
3:00 AM	92
4:00 AM	130
5:00 AM	142
6:00 AM	225
7:00 AM	516
8:00 AM	575
9:00 AM	341
10:00 AM	232
11:00 AM	305
12:00 PM	444
1:00 PM	497
2:00 PM	458
3:00 PM	442
4:00 PM	489
5:00 PM	547
6:00 PM	339
7:00 PM	179
8:00 PM	169
9:00 PM	77
10:00 PM	76
11:00 PM	61
Total	6425



Volumes represent the combined totals for both directions

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Corona, CA 92878

City of Irvine
Toledo Way
B/ Alton Parkway - Bake Parkway

File Name 353
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	81			11	43				
12:15	4	64			2	32				
12:30	2	49			16	51				
12:45	2	57	12	250	3	53	32	178	44	428
1:00	5	53			2	48				
1:15	3	52			2	62				
1:30	2	74			6	75				
1:45	3	68	12	247	2	36	11	220	23	466
2:00	5	67			1	43				
2:15	4	55			4	35				
2:30	3	82			2	57				
2:45	3	65	13	268	5	43	11	178	24	446
3:00	8	60			6	46				
3:15	4	58			16	38				
3:30	10	82			17	44				
3:45	25	64	46	263	18	42	56	169	102	432
4:00	14	96			6	33				
4:15	7	73			11	38				
4:30	17	100			19	40				
4:45	35	82	73	350	32	42	67	152	140	501
5:00	11	98			22	51				
5:15	9	95			20	42				
5:30	8	98			20	40				
5:45	14	65	40	355	36	41	97	173	137	527
6:00	13	70			34	33				
6:15	20	60			26	31				
6:30	24	48			20	25				
6:45	26	47	83	225	69	22	148	111	230	336
7:00	41	36			73	19				
7:15	44	20			78	21				
7:30	40	28			87	19				
7:45	62	17	186	101	104	12	341	70	527	171
8:00	55	25			127	12				
8:15	48	27			109	12				
8:30	43	27			76	11				
8:45	46	23	192	102	70	12	381	47	573	148
9:00	34	16			59	10				
9:15	33	13			52	11				
9:30	34	16			50	7				
9:45	38	8	137	52	37	6	198	32	335	84
10:00	32	22			37	8				
10:15	31	14			25	9				
10:30	32	12			30	5				
10:45	34	4	128	51	29	9	120	29	247	80
11:00	37	7			31	21				
11:15	41	5			34	5				
11:30	39	5			42	5				
11:45	52	4	168	21	35	4	141	33	309	54
Totals	1088	2281			1600	1389				
Combined Totals		3369				2989				
ADT										6357
AM Peak Hour	745	AM			730	AM				
Volume	208				426					
P.H.F.	0.843				0.839					
PM Peak Hour		430	PM			2445	PM			
Volume		373				236				
P.H.F.		0.937				0.792				
Percentage	32.3%	67.7%			53.5%	46.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Toledo Way
B/ Bake Parkway - City Limit

File Name 354
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/19/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	71			1	41				
12:15	5	66			2	40				
12:30	4	52			3	53				
12:45	5	53	21	242	2	64	8	198	29	440
1:00	2	34			0	59				
1:15	2	37			0	44				
1:30	2	38			0	39				
1:45	4	47	10	156	0	30	0	172	10	328
2:00	1	61			1	45				
2:15	0	58			0	38				
2:30	0	68			1	71				
2:45	0	69	1	256	0	55	2	209	3	465
3:00	0	72			1	56				
3:15	1	75			3	51				
3:30	3	76			2	40				
3:45	1	57	5	280	7	43	13	190	18	470
4:00	3	88			6	48				
4:15	1	97			6	29				
4:30	2	111			10	41				
4:45	1	105	7	401	9	40	31	158	38	559
5:00	1	91			16	39				
5:15	3	120			13	43				
5:30	2	86			19	45				
5:45	7	101	13	398	42	39	90	166	103	564
6:00	6	91			33	33				
6:15	8	82			23	35				
6:30	10	59			37	33				
6:45	10	58	34	290	60	31	153	132	187	422
7:00	30	47			96	32				
7:15	31	37			90	24				
7:30	22	36			117	32				
7:45	29	36	112	156	99	12	402	100	514	256
8:00	60	33			144	25				
8:15	38	33			152	15				
8:30	28	38			79	9				
8:45	21	29	147	133	90	22	465	71	612	204
9:00	25	25			44	16				
9:15	28	27			56	25				
9:30	21	17			46	7				
9:45	29	17	103	86	67	1	213	49	316	135
10:00	27	28			50	3				
10:15	31	22			46	12				
10:30	31	13			53	5				
10:45	30	4	119	67	45	5	194	25	313	92
11:00	33	14			39	2				
11:15	42	8			50	3				
11:30	47	10			39	1				
11:45	50	4	172	36	50	1	178	7	350	43
Totals	744	2501			1749	1477				
Combined Totals		3245				3226				
ADT										6471
AM Peak Hour	1100	AM			730	AM				
Volume	172				512					
P.H.F.	0.860				0.842					
PM Peak Hour		430	PM			230	PM			
Volume		427				233				
P.H.F.		0.890				0.820				
Percentage	22.9%	77.1%			54.2%	45.8%				

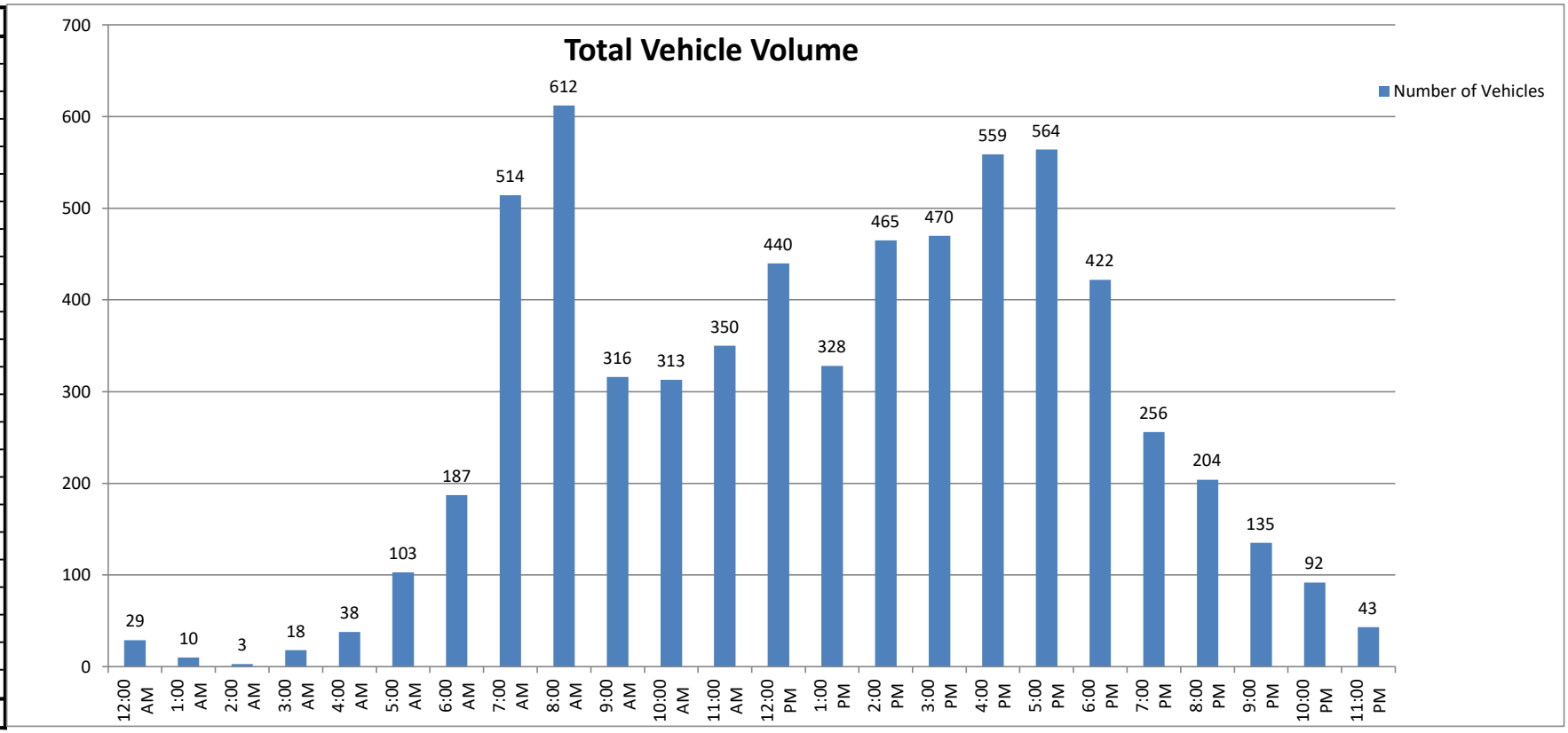
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Toledo Way
B/ Bake Parkway - City Limit
3/19/2024

Start Time	3/19/2024
12:00 AM	29
1:00 AM	10
2:00 AM	3
3:00 AM	18
4:00 AM	38
5:00 AM	103
6:00 AM	187
7:00 AM	514
8:00 AM	612
9:00 AM	316
10:00 AM	313
11:00 AM	350
12:00 PM	440
1:00 PM	328
2:00 PM	465
3:00 PM	470
4:00 PM	559
5:00 PM	564
6:00 PM	422
7:00 PM	256
8:00 PM	204
9:00 PM	135
10:00 PM	92
11:00 PM	43
Total	6471



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Toledo Way
B/ Bake Parkway - City Limit

File Name 354
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
3/20/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	70			2	44				
12:15	3	63			0	48				
12:30	3	52			1	46				
12:45	2	50	15	235	0	43	3	181	18	416
1:00	1	51			1	65				
1:15	1	60			0	90				
1:30	0	42			0	58				
1:45	1	55	3	208	0	40	1	253	4	461
2:00	1	52			0	32				
2:15	2	59			2	47				
2:30	1	49			1	46				
2:45	0	53	4	213	1	37	4	162	8	375
3:00	0	59			2	43				
3:15	0	72			1	48				
3:30	1	71			5	44				
3:45	3	67	4	269	4	73	12	208	16	477
4:00	0	67			5	42				
4:15	1	105			2	44				
4:30	2	70			10	44				
4:45	1	97	4	339	15	39	32	169	36	508
5:00	0	108			9	49				
5:15	2	123			10	38				
5:30	3	100			16	41				
5:45	4	86	9	417	36	26	71	154	80	571
6:00	6	76			25	36				
6:15	10	77			29	30				
6:30	18	54			31	38				
6:45	12	50	46	257	65	41	150	145	196	402
7:00	17	36			75	27				
7:15	28	50			82	34				
7:30	23	39			117	24				
7:45	37	37	105	162	97	16	371	101	476	263
8:00	54	31			133	23				
8:15	35	49			155	13				
8:30	28	26			80	10				
8:45	23	43	140	149	65	17	433	63	573	212
9:00	34	28			55	17				
9:15	25	34			64	14				
9:30	23	18			66	10				
9:45	30	12	112	92	47	10	232	51	344	143
10:00	12	25			48	6				
10:15	24	18			44	11				
10:30	28	15			55	7				
10:45	30	12	94	70	41	8	188	32	282	102
11:00	31	12			52	3				
11:15	47	7			39	2				
11:30	35	12			39	2				
11:45	52	10	165	41	33	1	163	8	328	49
Totals	701	2452			1660	1527				
Combined Totals		3153				3187				
ADT										6340
AM Peak Hour	1100	AM			730	AM				
Volume	165				502					
P.H.F.	0.793				0.810					
PM Peak Hour		445	PM			2445	PM			
Volume		428				256				
P.H.F.		0.870				0.711				
Percentage	22.2%	77.8%			52.1%	47.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

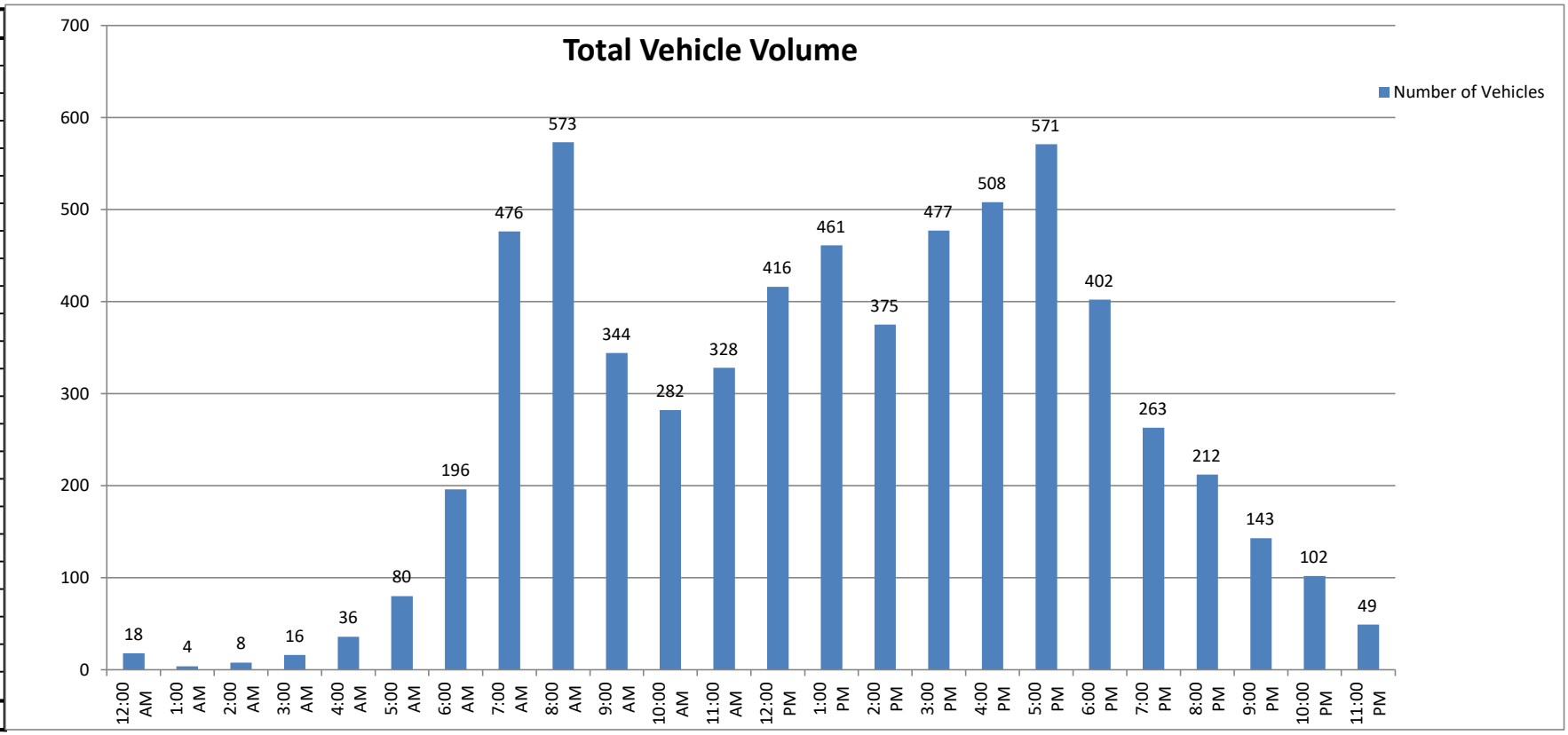
24 Hour Volume Plot

Toledo Way

B/ Bake Parkway - City Limit

3/20/2024

Start Time	3/20/2024
12:00 AM	18
1:00 AM	4
2:00 AM	8
3:00 AM	16
4:00 AM	36
5:00 AM	80
6:00 AM	196
7:00 AM	476
8:00 AM	573
9:00 AM	344
10:00 AM	282
11:00 AM	328
12:00 PM	416
1:00 PM	461
2:00 PM	375
3:00 PM	477
4:00 PM	508
5:00 PM	571
6:00 PM	402
7:00 PM	263
8:00 PM	212
9:00 PM	143
10:00 PM	102
11:00 PM	49
Total	6340



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Toledo Way
B/ Bake Parkway - City Limit

File Name 354
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	71			2	43				
12:15	4	65			1	44				
12:30	4	52			2	50				
12:45	4	52	18	239	1	54	6	190	24	428
1:00	2	43			1	62				
1:15	2	49			0	67				
1:30	1	40			0	49				
1:45	3	51	7	182	0	35	1	213	7	395
2:00	1	57			1	39				
2:15	1	59			1	43				
2:30	1	59			1	59				
2:45	0	61	3	235	1	46	3	186	6	420
3:00	0	66			2	50				
3:15	1	74			2	50				
3:30	2	74			4	42				
3:45	2	62	5	275	6	58	13	199	17	474
4:00	2	78			6	45				
4:15	1	101			4	37				
4:30	2	91			10	43				
4:45	1	101	6	370	12	40	32	164	37	534
5:00	1	100			13	44				
5:15	3	122			12	41				
5:30	3	93			18	43				
5:45	6	94	11	408	39	33	81	160	92	568
6:00	6	84			29	35				
6:15	9	80			26	33				
6:30	14	57			34	36				
6:45	11	54	40	274	63	36	152	139	192	412
7:00	24	42			86	30				
7:15	30	44			86	29				
7:30	23	38			117	28				
7:45	33	37	109	159	98	14	387	101	495	260
8:00	57	32			139	24				
8:15	37	41			154	14				
8:30	28	32			80	10				
8:45	22	36	144	141	78	20	449	67	593	208
9:00	30	27			50	17				
9:15	27	31			60	20				
9:30	22	18			56	9				
9:45	30	15	108	89	57	6	223	50	330	139
10:00	20	27			49	5				
10:15	28	20			45	12				
10:30	30	14			54	6				
10:45	30	8	107	69	43	7	191	29	298	97
11:00	32	13			46	3				
11:15	45	8			45	3				
11:30	41	11			39	2				
11:45	51	7	169	39	42	1	171	8	339	46
Totals	723	2477			1705	1502				
Combined Totals		3199				3207				
ADT										6406
AM Peak Hour	1100	AM			730	AM				
Volume	169				507					
P.H.F.	0.826				0.826					
PM Peak Hour		445	PM			2430	PM			
Volume		415				232				
P.H.F.		0.854				0.866				
Percentage	22.6%	77.4%			53.2%	46.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Toledo Way
E/ Ridge Route Drive
24 Hour Directional Volume Count

LKF153
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	31			2	24				
12:15		1	23			5	24				
12:30		5	37			0	23				
12:45		1	25	10	116	1	21	8	92	18	208
01:00		1	41			1	21				
01:15		3	68			2	73				
01:30		1	35			0	26				
01:45		0	41	5	185	0	28	3	148	8	333
02:00		1	50			0	23				
02:15		0	46			0	41				
02:30		0	86			0	29				
02:45		3	98	4	280	0	73	0	166	4	446
03:00		0	77			0	**50**				
03:15		0	**74**			2	**30**				
03:30		2	**93**			0	**40**				
03:45		2	**128**	4	372	1	**112**	3	232	7	604
04:00		0	**83**			1	32				
04:15		0	67			4	28				
04:30		1	74			3	30				
04:45		2	81	3	305	5	27	13	117	16	422
05:00		3	78			3	37				
05:15		4	76			4	45				
05:30		4	68			6	47				
05:45		6	68	17	290	12	37	25	166	42	456
06:00		9	59			9	21				
06:15		13	59			11	34				
06:30		13	47			13	27				
06:45		11	40	46	205	29	25	62	107	108	312
07:00		37	29			37	21				
07:15		108	39			100	16				
07:30		**74**	32			**73**	17				
07:45		**62**	33	281	133	**61**	14	271	68	552	201
08:00		**160**	26			**121**	23				
08:15		**164**	23			**136**	10				
08:30		35	24			38	8				
08:45		22	20	381	93	26	9	321	50	702	143
09:00		22	24			24	21				
09:15		15	18			14	8				
09:30		23	21			23	26				
09:45		17	5	77	68	19	6	80	61	157	129
10:00		27	17			13	7				
10:15		18	6			17	6				
10:30		17	10			14	3				
10:45		20	3	82	36	7	0	51	16	133	52
11:00		21	4			15	2				
11:15		22	7			15	5				
11:30		31	6			16	1				
11:45		22	8	96	25	11	2	57	10	153	35
Total		1006	2108	1006	2108	894	1233	894	1233	1900	3341
Combined Total		3114		3114		2127		2127		5241	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	460	-	-	-	391	-	-	-	-	-
P.H.F.		0.701				0.719					
PM Peak	-	-	03:15	-	-	-	03:00	-	-	-	-
Vol.	-	-	378	-	-	-	232	-	-	-	-
P.H.F.			0.738				0.518				
Percentage		32.3%	67.7%			42.0%	58.0%				
ADT/AADT		ADT 5,241		AADT 5,241							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Toledo Way
W/ Ridge Route Drive
24 Hour Directional Volume Count

LKF152
Site Code: 051-24139

Start Time	2/15/2024 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	29			3	31				
12:15		1	25			5	24				
12:30		5	37			1	21				
12:45		1	27	12	118	1	20	10	96	22	214
01:00		1	42			0	18				
01:15		2	44			2	47				
01:30		1	31			0	19				
01:45		0	35	4	152	0	20	2	104	6	256
02:00		1	44			0	24				
02:15		1	49			0	39				
02:30		0	57			0	38				
02:45		2	86	4	236	0	52	0	153	4	389
03:00		0	53			0	**57**				
03:15		0	56			2	**27**				
03:30		2	72			0	**38**				
03:45		2	74	4	255	1	**70**	3	192	7	447
04:00		0	64			1	19				
04:15		0	64			3	24				
04:30		1	**69**			3	32				
04:45		2	**80**	3	277	5	34	12	109	15	386
05:00		3	**76**			2	29				
05:15		3	**79**			3	36				
05:30		5	65			6	40				
05:45		5	60	16	280	13	29	24	134	40	414
06:00		9	52			7	22				
06:15		12	61			14	30				
06:30		8	53			13	26				
06:45		9	44	38	210	32	25	66	103	104	313
07:00		20	31			36	23				
07:15		61	37			91	12				
07:30		**43**	31			**69**	17				
07:45		**48**	33	172	132	**55**	14	251	66	423	198
08:00		**102**	21			**130**	20				
08:15		**73**	23			**101**	13				
08:30		29	26			43	11				
08:45		21	17	225	87	20	8	294	52	519	139
09:00		26	21			25	12				
09:15		13	16			13	12				
09:30		19	14			23	18				
09:45		18	9	76	60	25	5	86	47	162	107
10:00		27	15			13	6				
10:15		19	6			15	5				
10:30		20	9			18	2				
10:45		22	3	88	33	12	2	58	15	146	48
11:00		21	6			20	3				
11:15		22	7			18	6				
11:30		35	5			13	1				
11:45		26	5	104	23	17	2	68	12	172	35
Total		746	1863	746	1863	874	1083	874	1083	1620	2946
Combined Total		2609		2609		1957		1957		4566	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	266	-	-	-	355	-	-	-	-	-
P.H.F.		0.652				0.683					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	304	-	-	-	192	-	-	-	-
P.H.F.			0.950				0.686				
Percentage		28.6%	71.4%			44.7%	55.3%				
ADT/AADT		ADT 4,566		AADT 4,566							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Trabuco Raod
B/ Lake Forest Drive - Ridge Route Drive
24 Hour Directional Volume Count

LKF154
Site Code: 051-24139

Start Time	2/15/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		24	177			15	159				
12:15		18	193			13	190				
12:30		17	172			8	178				
12:45		15	206	74	748	12	216	48	743	122	1491
01:00		12	233			6	174				
01:15		9	168			7	246				
01:30		10	221			10	198				
01:45		9	225	40	847	11	204	34	822	74	1669
02:00		4	254			11	196				
02:15		13	237			4	167				
02:30		5	279			7	242				
02:45		6	309	28	1079	4	255	26	860	54	1939
03:00		10	284			4	**312**				
03:15		4	286			9	**289**				
03:30		10	322			5	**230**				
03:45		8	355	32	1247	11	**337**	29	1168	61	2415
04:00		9	324			6	264				
04:15		14	316			13	256				
04:30		14	352			21	250				
04:45		21	**358**	58	1350	40	256	80	1026	138	2376
05:00		10	**373**			29	249				
05:15		19	**376**			46	249				
05:30		20	**393**			59	267				
05:45		35	353	84	1495	100	243	234	1008	318	2503
06:00		33	342			91	234				
06:15		51	257			89	207				
06:30		65	261			138	207				
06:45		101	262	250	1122	130	191	448	839	698	1961
07:00		153	181			180	160				
07:15		238	155			217	122				
07:30		164	150			**330**	141				
07:45		**254**	151	809	637	**298**	118	1025	541	1834	1178
08:00		**288**	148			**308**	108				
08:15		**258**	133			**372**	139				
08:30		**196**	106			270	96				
08:45		179	102	921	489	266	89	1216	432	2137	921
09:00		137	108			165	90				
09:15		121	120			182	72				
09:30		149	76			157	68				
09:45		116	80	523	384	190	56	694	286	1217	670
10:00		166	78			165	57				
10:15		132	53			126	39				
10:30		146	65			167	41				
10:45		132	44	576	240	155	26	613	163	1189	403
11:00		160	43			138	38				
11:15		157	29			163	32				
11:30		167	21			177	12				
11:45		192	22	676	115	175	26	653	108	1329	223
Total		4071	9753	4071	9753	5100	7996	5100	7996	9171	17749
Combined Total		13824		13824		13096		13096		26920	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	996	-	-	-	1308	-	-	-	-	-
P.H.F.		0.865				0.879					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	1500	-	-	-	1168	-	-	-	-
P.H.F.			0.954				0.866				
Percentage		29.4%	70.6%			38.9%	61.1%				
ADT/AADT		ADT 26,920		AADT 26,920							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Culver Drive - Yale Avenue

File Name 355
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	71			1	98				
12:15	6	79			7	72				
12:30	10	59			0	72				
12:45	10	72	30	281	1	75	9	317	39	598
1:00	1	67			2	61				
1:15	3	67			4	68				
1:30	7	69			0	67				
1:45	1	81	12	284	0	75	6	271	18	555
2:00	0	75			2	63				
2:15	1	68			2	94				
2:30	1	87			1	88				
2:45	3	90	5	320	3	111	8	356	13	676
3:00	2	88			2	130				
3:15	2	103			2	125				
3:30	3	85			6	115				
3:45	1	100	8	376	6	139	16	509	24	885
4:00	2	108			4	117				
4:15	4	101			7	109				
4:30	3	88			6	118				
4:45	5	106	14	403	13	100	30	444	44	847
5:00	4	106			14	96				
5:15	4	134			6	88				
5:30	7	109			21	84				
5:45	12	129	27	478	24	85	65	353	92	831
6:00	11	129			34	88				
6:15	12	117			38	90				
6:30	24	119			43	83				
6:45	26	104	73	469	47	73	162	334	235	803
7:00	20	93			73	64				
7:15	29	91			96	82				
7:30	46	82			100	44				
7:45	73	84	168	350	150	48	419	238	587	588
8:00	78	71			204	39				
8:15	60	53			204	53				
8:30	67	47			199	57				
8:45	66	55	271	226	158	47	765	196	1036	422
9:00	57	49			90	35				
9:15	77	38			79	53				
9:30	46	41			81	34				
9:45	74	40	254	168	95	26	345	148	599	316
10:00	67	32			75	19				
10:15	51	31			67	16				
10:30	42	25			71	16				
10:45	46	21	206	109	70	15	283	66	489	175
11:00	45	26			63	9				
11:15	62	21			74	15				
11:30	58	15			60	6				
11:45	65	9	230	71	73	12	270	42	500	113
Totals	1298	3535			2378	3274				
Combined Totals		4833				5652				
ADT										10485
AM Peak Hour	745	AM			800	AM				
Volume	278				765					
P.H.F.	0.891				0.938					
PM Peak Hour		515	PM			300	PM			
Volume		501				509				
P.H.F.		0.935				0.915				
Percentage	26.9%	73.1%			42.1%	57.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

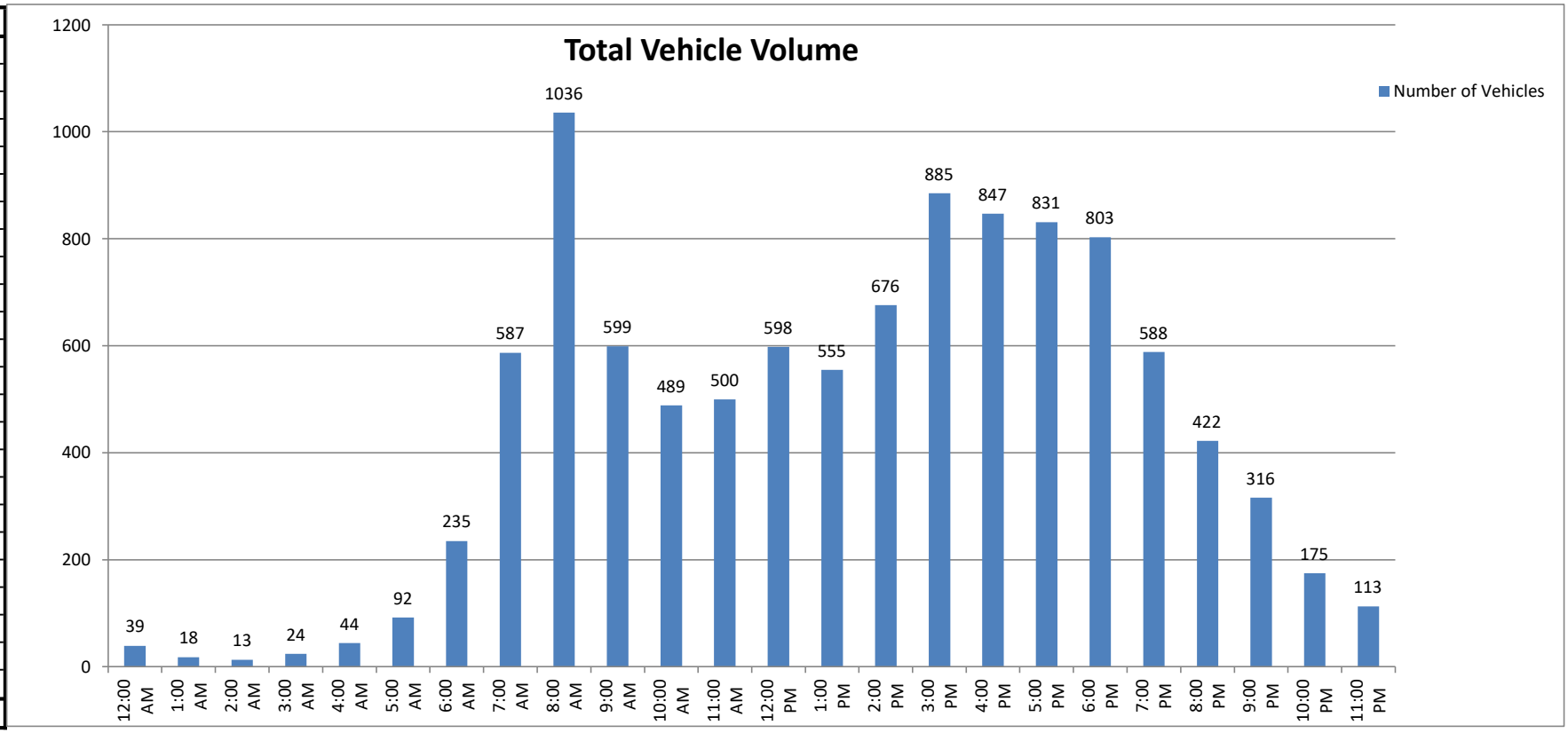
24 Hour Volume Plot

Trabuco Road

B/ Culver Drive - Yale Avenue

2/27/2024

Start Time	2/27/2024
12:00 AM	39
1:00 AM	18
2:00 AM	13
3:00 AM	24
4:00 AM	44
5:00 AM	92
6:00 AM	235
7:00 AM	587
8:00 AM	1036
9:00 AM	599
10:00 AM	489
11:00 AM	500
12:00 PM	598
1:00 PM	555
2:00 PM	676
3:00 PM	885
4:00 PM	847
5:00 PM	831
6:00 PM	803
7:00 PM	588
8:00 PM	422
9:00 PM	316
10:00 PM	175
11:00 PM	113
Total	10485



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Culver Drive - Yale Avenue

File Name 355
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	73			6	66				
12:15	9	70			2	75				
12:30	7	65			6	92				
12:45	7	76	36	284	2	78	16	311	52	595
1:00	6	88			6	63				
1:15	3	73			2	95				
1:30	1	92			3	70				
1:45	2	79	12	332	2	83	13	311	25	643
2:00	1	69			1	78				
2:15	0	83			1	89				
2:30	5	63			1	106				
2:45	2	81	8	296	3	119	6	392	14	688
3:00	1	87			1	118				
3:15	2	112			1	132				
3:30	1	101			7	111				
3:45	1	136	5	436	5	114	14	475	19	911
4:00	2	92			5	97				
4:15	2	113			7	116				
4:30	1	101			8	85				
4:45	0	114	5	420	15	93	35	391	40	811
5:00	1	113			12	113				
5:15	8	125			18	94				
5:30	7	110			22	89				
5:45	10	124	26	472	24	100	76	396	102	868
6:00	13	123			30	87				
6:15	18	123			30	98				
6:30	23	119			40	56				
6:45	29	104	83	469	60	71	160	312	243	781
7:00	28	102			58	66				
7:15	27	96			93	76				
7:30	38	86			101	60				
7:45	73	67	166	351	166	57	418	259	584	610
8:00	82	59			173	53				
8:15	69	62			171	43				
8:30	67	58			170	58				
8:45	78	47	296	226	159	45	673	199	969	425
9:00	55	43			121	45				
9:15	73	45			81	31				
9:30	60	44			91	35				
9:45	73	40	261	172	80	27	373	138	634	310
10:00	46	35			86	31				
10:15	47	27			87	21				
10:30	53	18			72	12				
10:45	52	36	198	116	49	13	294	77	492	193
11:00	58	21			83	15				
11:15	58	20			72	6				
11:30	51	28			80	7				
11:45	46	8	213	77	71	6	306	34	519	111
Totals	1309	3651			2384	3295				
Combined Totals		4960				5679				
ADT										10639
AM Peak Hour	800	AM			745	AM				
Volume	296				680					
P.H.F.	0.902				0.983					
PM Peak Hour		545	PM			245	PM			
Volume		489				480				
P.H.F.		0.986				0.909				
Percentage	26.4%	73.6%			42.0%	58.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

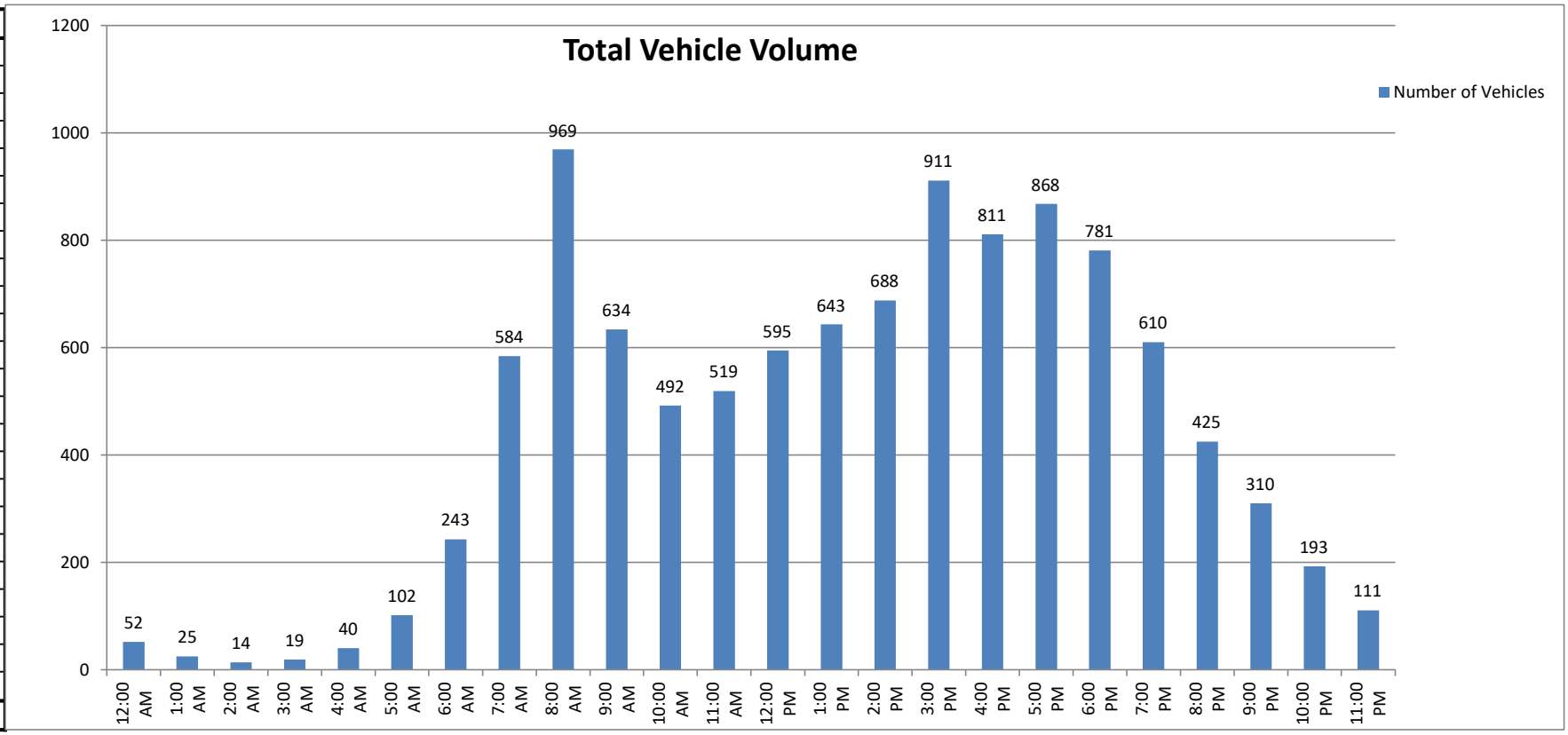
24 Hour Volume Plot

Trabuco Road

B/ Culver Drive - Yale Avenue

2/28/2024

Start Time	2/28/2024
12:00 AM	52
1:00 AM	25
2:00 AM	14
3:00 AM	19
4:00 AM	40
5:00 AM	102
6:00 AM	243
7:00 AM	584
8:00 AM	969
9:00 AM	634
10:00 AM	492
11:00 AM	519
12:00 PM	595
1:00 PM	643
2:00 PM	688
3:00 PM	911
4:00 PM	811
5:00 PM	868
6:00 PM	781
7:00 PM	610
8:00 PM	425
9:00 PM	310
10:00 PM	193
11:00 PM	111
Total	10639



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Culver Drive - Yale Avenue

File Name 355
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	72			4	82				
12:15	8	75			5	74				
12:30	9	62			3	82				
12:45	9	74	33	283	2	77	13	314	46	597
1:00	4	78			4	62				
1:15	3	70			3	82				
1:30	4	81			2	69				
1:45	2	80	12	308	1	79	10	291	22	599
2:00	1	72			2	71				
2:15	1	76			2	92				
2:30	3	75			1	97				
2:45	3	86	7	308	3	115	7	374	14	682
3:00	2	88			2	124				
3:15	2	108			2	129				
3:30	2	93			7	113				
3:45	1	118	7	406	6	127	15	492	22	898
4:00	2	100			5	107				
4:15	3	107			7	113				
4:30	2	95			7	102				
4:45	3	110	10	412	14	97	33	418	42	829
5:00	3	110			13	105				
5:15	6	130			12	91				
5:30	7	110			22	87				
5:45	11	127	27	475	24	93	71	375	97	850
6:00	12	126			32	88				
6:15	15	120			34	94				
6:30	24	119			42	70				
6:45	28	104	78	469	54	72	161	323	239	792
7:00	24	98			66	65				
7:15	28	94			95	79				
7:30	42	84			101	52				
7:45	73	76	167	351	158	53	419	249	586	599
8:00	80	65			189	46				
8:15	65	58			188	48				
8:30	67	53			185	58				
8:45	72	51	284	226	159	46	719	198	1003	424
9:00	56	46			106	40				
9:15	75	42			80	42				
9:30	53	43			86	35				
9:45	74	40	258	170	88	27	359	143	617	313
10:00	57	34			81	25				
10:15	49	29			77	19				
10:30	48	22			72	14				
10:45	49	29	202	113	60	14	289	72	491	184
11:00	52	24			73	12				
11:15	60	21			73	11				
11:30	55	22			70	7				
11:45	56	9	222	74	72	9	288	38	510	112
Totals	1304	3593			2381	3285				
Combined Totals		4897				5666				
ADT										10562
AM Peak Hour	745	AM			800	AM				
Volume	285				719					
P.H.F.	0.889				0.954					
PM Peak Hour		545	PM			300	PM			
Volume		492				492				
P.H.F.		0.971				0.957				
Percentage	26.6%	73.4%			42.0%	58.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Trabuco Road
E/ El Toro Road
24 Hour Directional Volume Count

LKF156
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		25	174			13	138				
12:15		12	146			6	129				
12:30		11	151			10	138				
12:45		13	164	61	635	8	149	37	554	98	1189
01:00		10	170			5	161				
01:15		10	169			2	147				
01:30		3	183			12	156				
01:45		6	183	29	705	7	166	26	630	55	1335
02:00		7	177			6	148				
02:15		4	202			4	**170**				
02:30		7	262			5	**200**				
02:45		5	291	23	932	2	**239**	17	757	40	1689
03:00		2	259			4	**227**				
03:15		2	283			4	167				
03:30		9	214			10	192				
03:45		5	269	18	1025	9	204	27	790	45	1815
04:00		7	296			7	219				
04:15		11	293			14	213				
04:30		10	309			25	177				
04:45		15	316	43	1214	37	186	83	795	126	2009
05:00		9	**313**			27	184				
05:15		18	**357**			34	194				
05:30		19	**326**			57	192				
05:45		30	**346**	76	1342	58	200	176	770	252	2112
06:00		37	307			68	183				
06:15		43	257			58	181				
06:30		49	219			109	140				
06:45		70	197	199	980	113	159	348	663	547	1643
07:00		103	182			131	126				
07:15		128	142			164	121				
07:30		**150**	153			239	123				
07:45		**208**	113	589	590	**248**	92	782	462	1371	1052
08:00		**274**	118			**292**	96				
08:15		**256**	113			**298**	88				
08:30		150	100			**295**	74				
08:45		139	108	819	439	209	77	1094	335	1913	774
09:00		122	109			122	100				
09:15		109	119			170	64				
09:30		120	93			121	38				
09:45		119	57	470	378	143	48	556	250	1026	628
10:00		121	52			127	35				
10:15		84	65			136	30				
10:30		127	43			130	20				
10:45		105	30	437	190	125	22	518	107	955	297
11:00		146	23			110	15				
11:15		156	22			130	14				
11:30		153	27			157	18				
11:45		165	14	620	86	134	15	531	62	1151	148
Total		3384	8516	3384	8516	4195	6175	4195	6175	7579	14691
Combined Total		11900		11900		10370		10370		22270	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	888	-	-	-	1133	-	-	-	-	-
P.H.F.		0.810				0.951					
PM Peak	-	-	05:00	-	-	-	02:15	-	-	-	-
Vol.	-	-	1342	-	-	-	836	-	-	-	-
P.H.F.			0.940				0.874				
Percentage		28.4%	71.6%			40.5%	59.5%				
ADT/AADT		ADT 22,270		AADT 22,270							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Jeffrey Road - Sand Canyon Avenue

File Name 357
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	103			8	64				
12:15	4	83			2	72				
12:30	3	83			3	74				
12:45	6	87	20	356	2	72	15	282	35	638
1:00	2	77			2	71				
1:15	1	73			2	70				
1:30	2	81			3	85				
1:45	1	86	6	317	1	78	8	304	14	621
2:00	1	81			3	95				
2:15	3	115			1	107				
2:30	0	115			1	154				
2:45	0	114	4	425	3	155	8	511	12	936
3:00	2	203			2	211				
3:15	1	142			2	180				
3:30	0	127			2	141				
3:45	1	112	4	584	1	162	7	694	11	1278
4:00	2	144			1	145				
4:15	2	161			2	143				
4:30	3	143			3	143				
4:45	2	143	9	591	7	131	13	562	22	1153
5:00	3	179			5	142				
5:15	3	148			5	154				
5:30	14	206			8	122				
5:45	11	198	31	731	28	131	46	549	77	1280
6:00	11	205			19	109				
6:15	16	144			21	113				
6:30	21	153			35	90				
6:45	37	127	85	629	50	99	125	411	210	1040
7:00	23	121			52	94				
7:15	53	131			109	74				
7:30	68	106			112	45				
7:45	66	87	210	445	217	63	490	276	700	721
8:00	118	87			322	35				
8:15	172	89			229	53				
8:30	94	75			165	39				
8:45	75	68	459	319	173	30	889	157	1348	476
9:00	96	62			101	23				
9:15	71	58			93	19				
9:30	58	61			86	19				
9:45	79	29	304	210	89	20	369	81	673	291
10:00	63	28			74	14				
10:15	67	22			85	9				
10:30	42	13			60	17				
10:45	76	13	248	76	57	14	276	54	524	130
11:00	50	24			61	6				
11:15	62	12			81	11				
11:30	79	6			83	5				
11:45	83	14	274	56	83	6	308	28	582	84
Totals	1654	4739			2554	3909				
Combined Totals		6393				6463				
ADT										12856
AM Peak Hour	800	AM			745	AM				
Volume	459				933					
P.H.F.	0.667				0.724					
PM Peak Hour		515	PM			230	PM			
Volume		757				700				
P.H.F.		0.919				0.829				
Percentage	25.9%	74.1%			39.5%	60.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

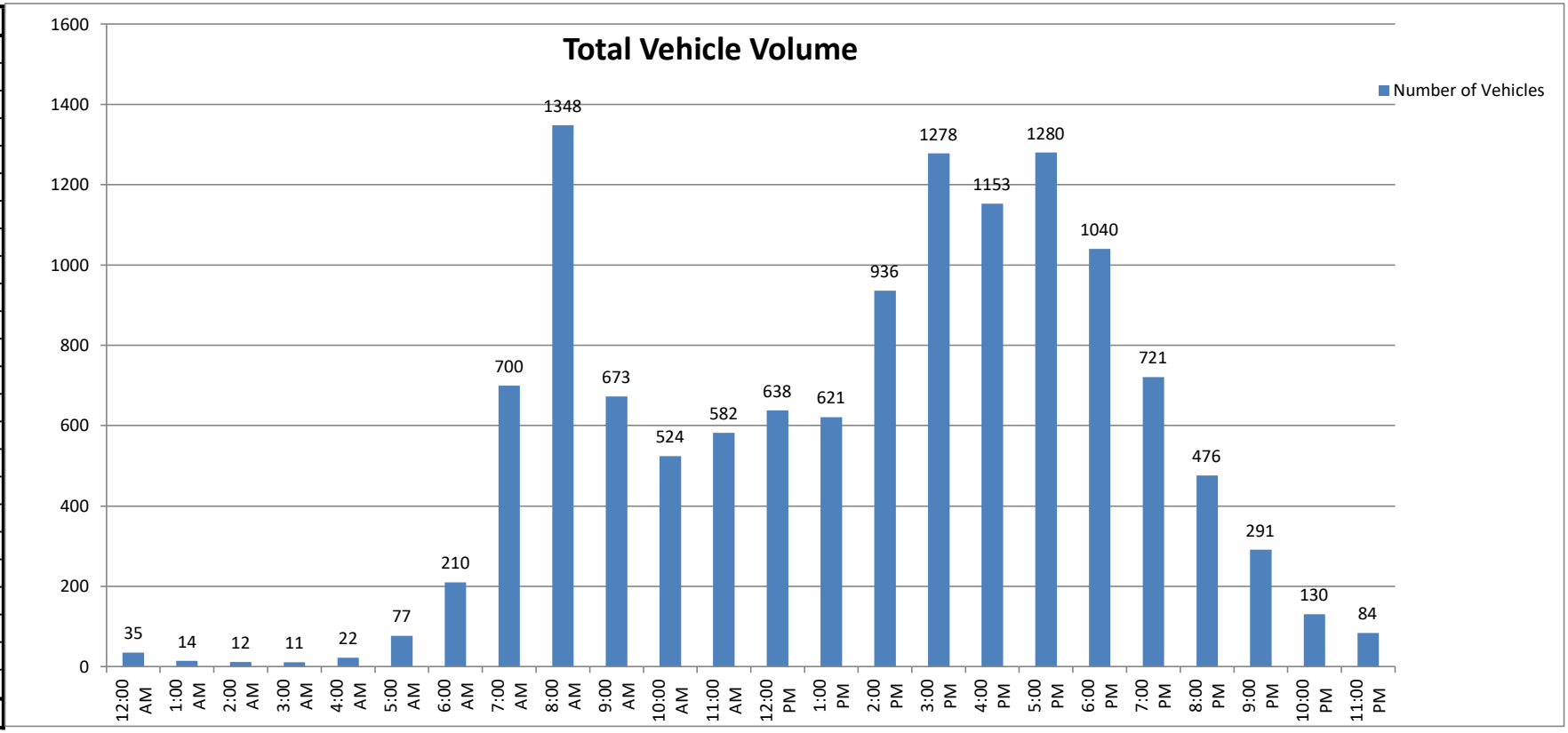
24 Hour Volume Plot

Trabuco Road

B/ Jeffrey Road - Sand Canyon Avenue

2/27/2024

Start Time	2/27/2024
12:00 AM	35
1:00 AM	14
2:00 AM	12
3:00 AM	11
4:00 AM	22
5:00 AM	77
6:00 AM	210
7:00 AM	700
8:00 AM	1348
9:00 AM	673
10:00 AM	524
11:00 AM	582
12:00 PM	638
1:00 PM	621
2:00 PM	936
3:00 PM	1278
4:00 PM	1153
5:00 PM	1280
6:00 PM	1040
7:00 PM	721
8:00 PM	476
9:00 PM	291
10:00 PM	130
11:00 PM	84
Total	12856



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Jeffrey Road - Sand Canyon Avenue

File Name 357
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	88			8	55				
12:15	9	96			2	56				
12:30	6	79			5	90				
12:45	5	112	30	375	4	77	19	278	49	653
1:00	2	89			0	77				
1:15	2	99			2	111				
1:30	2	121			1	67				
1:45	1	111	7	420	1	105	4	360	11	780
2:00	1	84			0	102				
2:15	0	103			0	118				
2:30	1	96			2	168				
2:45	3	100	5	383	1	215	3	603	8	986
3:00	2	172			3	187				
3:15	1	158			2	142				
3:30	4	124			3	132				
3:45	2	118	9	572	2	154	10	615	19	1187
4:00	1	142			1	143				
4:15	1	167			1	138				
4:30	3	139			2	128				
4:45	4	154	9	602	3	133	7	542	16	1144
5:00	5	182			4	143				
5:15	0	165			6	137				
5:30	3	181			13	125				
5:45	10	176	18	704	28	145	51	550	69	1254
6:00	13	185			13	104				
6:15	15	168			15	123				
6:30	23	147			24	99				
6:45	37	154	88	654	37	82	89	408	177	1062
7:00	26	126			56	86				
7:15	44	116			83	64				
7:30	64	104			124	61				
7:45	56	94	190	440	158	66	421	277	611	717
8:00	94	91			207	51				
8:15	104	79			220	37				
8:30	134	60			292	45				
8:45	152	72	484	302	226	25	945	158	1429	460
9:00	76	51			124	32				
9:15	83	50			86	29				
9:30	76	48			99	17				
9:45	71	47	306	196	76	14	385	92	691	288
10:00	55	40			69	14				
10:15	62	19			76	12				
10:30	67	20			68	15				
10:45	63	16	247	95	87	11	300	52	547	147
11:00	66	15			52	12				
11:15	66	20			77	6				
11:30	81	19			62	4				
11:45	66	14	279	68	67	4	258	26	537	94
Totals	1672	4811			2492	3961				
Combined Totals		6483				6453				
ADT										12936
AM Peak Hour	800 AM				800 AM					
Volume	484				945					
P.H.F.	0.796				0.809					
PM Peak Hour		530 PM				230 PM				
Volume		710				712				
P.H.F.		0.959				0.828				
Percentage	25.8%	74.2%			38.6%	61.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

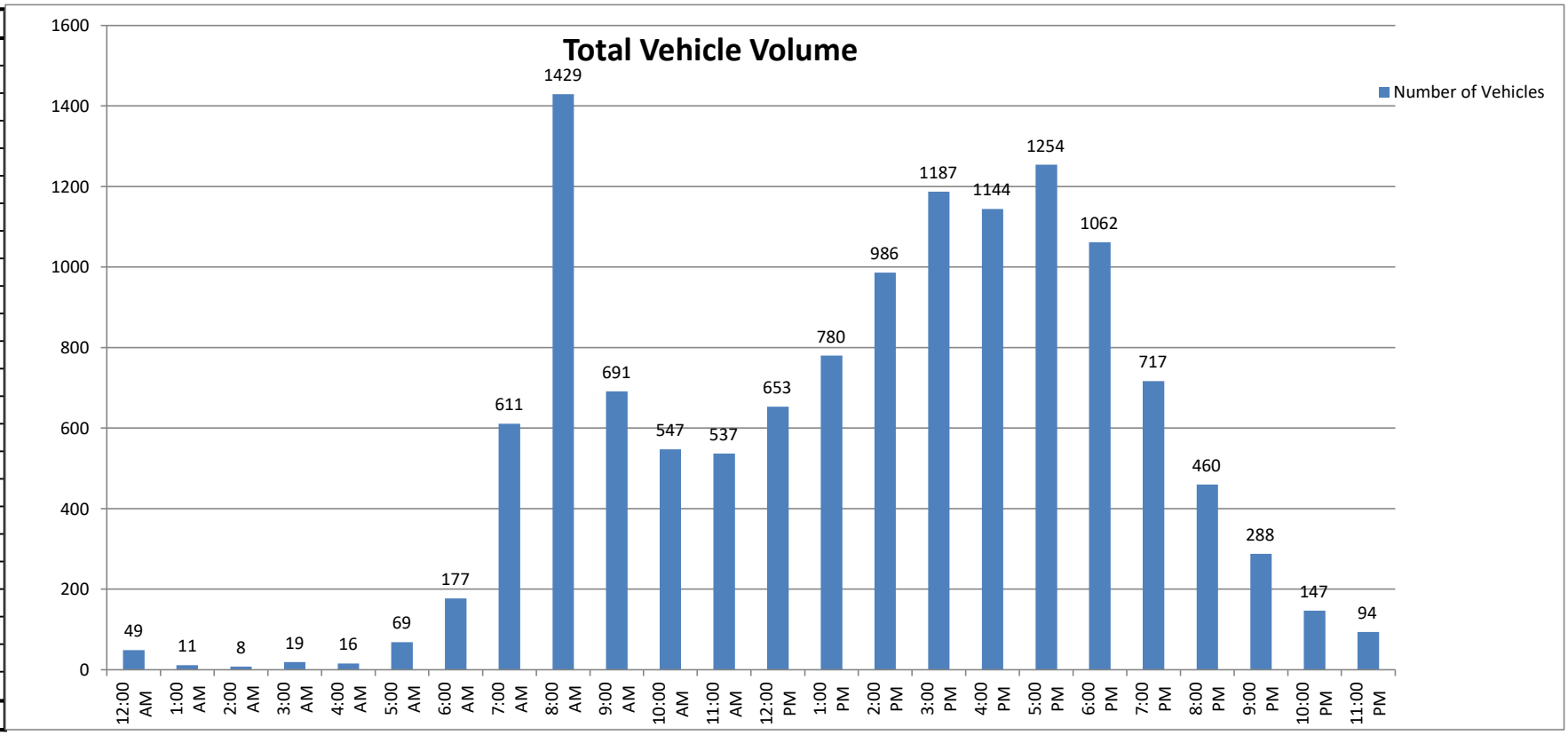
24 Hour Volume Plot

Trabuco Road

B/ Jeffrey Road - Sand Canyon Avenue

2/28/2024

Start Time	2/28/2024
12:00 AM	49
1:00 AM	11
2:00 AM	8
3:00 AM	19
4:00 AM	16
5:00 AM	69
6:00 AM	177
7:00 AM	611
8:00 AM	1429
9:00 AM	691
10:00 AM	547
11:00 AM	537
12:00 PM	653
1:00 PM	780
2:00 PM	986
3:00 PM	1187
4:00 PM	1144
5:00 PM	1254
6:00 PM	1062
7:00 PM	717
8:00 PM	460
9:00 PM	288
10:00 PM	147
11:00 PM	94
Total	12936



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Jeffrey Road - Sand Canyon Avenue

File Name 357
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	96			8	60				
12:15	7	90			2	64				
12:30	5	81			4	82				
12:45	6	100	25	366	3	75	17	280	42	646
1:00	2	83			1	74				
1:15	2	86			2	91				
1:30	2	101			2	76				
1:45	1	99	7	369	1	92	6	332	13	701
2:00	1	83			2	99				
2:15	2	109			1	113				
2:30	1	106			2	161				
2:45	2	107	5	404	2	185	6	557	10	961
3:00	2	188			3	199				
3:15	1	150			2	161				
3:30	2	126			3	137				
3:45	2	115	7	578	2	158	9	655	15	1233
4:00	2	143			1	144				
4:15	2	164			2	141				
4:30	3	141			3	136				
4:45	3	149	9	597	5	132	10	552	19	1149
5:00	4	181			5	143				
5:15	2	157			6	146				
5:30	9	194			11	124				
5:45	11	187	25	718	28	138	49	550	73	1267
6:00	12	195			16	107				
6:15	16	156			18	118				
6:30	22	150			30	95				
6:45	37	141	87	642	44	91	107	410	194	1051
7:00	25	124			54	90				
7:15	49	124			96	69				
7:30	66	105			118	53				
7:45	61	91	200	443	188	65	456	277	656	719
8:00	106	89			265	43				
8:15	138	84			225	45				
8:30	114	68			229	42				
8:45	114	70	472	311	200	28	917	158	1389	468
9:00	86	57			113	28				
9:15	77	54			90	24				
9:30	67	55			93	18				
9:45	75	38	305	203	83	17	377	87	682	290
10:00	59	34			72	14				
10:15	65	21			81	11				
10:30	55	17			64	16				
10:45	70	15	248	86	72	13	288	53	536	139
11:00	58	20			57	9				
11:15	64	16			79	9				
11:30	80	13			73	5				
11:45	75	14	277	62	75	5	283	27	560	89
Totals	1663	4775			2523	3935				
Combined Totals		6438				6458				
ADT										12896
AM Peak Hour	800 AM				800 AM					
Volume	472				917					
P.H.F.	0.854				0.867					
PM Peak Hour		515 PM				230 PM				
Volume		732				706				
P.H.F.		0.938				0.887				
Percentage	25.8%	74.2%			39.1%	60.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Trabuco Road
N/ Alicia Parkway
24 Hour Directional Volume Count

MSV157
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	134			9	147				
12:15		8	118			8	111				
12:30		11	129			7	133				
12:45		5	134	34	515	4	130	28	521	62	1036
01:00		7	130			7	153				
01:15		2	153			6	144				
01:30		2	134			2	141				
01:45		4	132	15	549	3	145	18	583	33	1132
02:00		6	144			3	144				
02:15		1	167			4	160				
02:30		2	**216**			5	191				
02:45		3	**194**	12	721	2	199	14	694	26	1415
03:00		3	**171**			6	209				
03:15		2	**172**			5	234				
03:30		6	153			7	187				
03:45		2	190	13	686	10	206	28	836	41	1522
04:00		5	178			5	219				
04:15		4	169			12	229				
04:30		12	171			20	224				
04:45		22	161	43	679	26	210	63	882	106	1561
05:00		16	167			20	**253**				
05:15		17	178			23	**260**				
05:30		22	154			31	**232**				
05:45		38	178	93	677	34	**254**	108	999	201	1676
06:00		45	168			37	225				
06:15		34	133			50	180				
06:30		58	121			59	181				
06:45		73	137	210	559	97	145	243	731	453	1290
07:00		74	105			87	107				
07:15		118	106			129	122				
07:30		**198**	121			**199**	71				
07:45		**226**	95	616	427	**194**	81	609	381	1225	808
08:00		**241**	91			**198**	81				
08:15		**213**	92			**186**	86				
08:30		169	67			174	80				
08:45		145	77	768	327	132	79	690	326	1458	653
09:00		121	93			116	69				
09:15		104	56			109	68				
09:30		95	46			100	50				
09:45		129	38	449	233	123	44	448	231	897	464
10:00		119	37			95	24				
10:15		119	33			112	37				
10:30		105	23			126	20				
10:45		117	23	460	116	123	20	456	101	916	217
11:00		135	21			108	13				
11:15		120	12			123	9				
11:30		98	14			130	11				
11:45		123	9	476	56	156	7	517	40	993	96
Total		3189	5545	3189	5545	3222	6325	3222	6325	6411	11870
Combined Total		8734		8734		9547		9547		18281	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	878	-	-	-	777	-	-	-	-	-
P.H.F.		0.911				0.976					
PM Peak	-	-	02:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	753	-	-	-	999	-	-	-	-
P.H.F.			0.872				0.961				
Percentage		36.5%	63.5%			33.7%	66.3%				
ADT/AADT		ADT 18,281		AADT 18,281							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Mission Viejo
Trabuco Road
S/ Alicia Parkway
24 Hour Directional Volume Count

MSV158
Site Code: 051-24139

Start Time	2/13/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	111			4	100				
12:15		7	91			5	86				
12:30		4	77			9	92				
12:45		3	91	18	370	5	68	23	346	41	716
01:00		2	105			2	98				
01:15		2	119			1	88				
01:30		3	93			2	95				
01:45		2	102	9	419	0	107	5	388	14	807
02:00		2	**113**			3	104				
02:15		0	**136**			1	99				
02:30		1	**138**			1	118				
02:45		2	**122**	5	509	0	95	5	416	10	925
03:00		1	110			3	128				
03:15		3	130			0	128				
03:30		3	110			1	140				
03:45		3	120	10	470	2	113	6	509	16	979
04:00		6	122			3	134				
04:15		5	128			10	137				
04:30		10	118			6	122				
04:45		9	112	30	480	11	136	30	529	60	1009
05:00		7	118			6	125				
05:15		18	106			14	**151**				
05:30		19	119			16	**151**				
05:45		22	142	66	485	16	**142**	52	569	118	1054
06:00		28	129			19	**136**				
06:15		20	110			29	135				
06:30		40	90			37	115				
06:45		48	97	136	426	66	96	151	482	287	908
07:00		52	82			59	77				
07:15		74	77			89	64				
07:30		**177**	96			**131**	44				
07:45		**187**	59	490	314	**123**	48	402	233	892	547
08:00		**142**	62			**126**	53				
08:15		**115**	60			**121**	45				
08:30		99	43			105	46				
08:45		102	53	458	218	99	49	451	193	909	411
09:00		90	60			85	35				
09:15		76	40			80	36				
09:30		89	23			72	27				
09:45		87	23	342	146	93	31	330	129	672	275
10:00		75	14			82	12				
10:15		78	17			62	19				
10:30		85	18			83	8				
10:45		84	11	322	60	79	8	306	47	628	107
11:00		99	12			66	10				
11:15		100	9			86	11				
11:30		70	4			76	9				
11:45		97	5	366	30	98	5	326	35	692	65
Total		2252	3927	2252	3927	2087	3876	2087	3876	4339	7803
Combined Total		6179		6179		5963		5963		12142	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	621	-	-	-	501	-	-	-	-	-
P.H.F.		0.830				0.956					
PM Peak	-	-	02:00	-	-	-	05:15	-	-	-	-
Vol.	-	-	509	-	-	-	580	-	-	-	-
P.H.F.			0.922				0.960				
Percentage		36.4%	63.6%			35.0%	65.0%				
ADT/AADT		ADT 12,142		AADT 12,142							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Lake Forest
Trabuco Road
W/ El Toro Road
24 Hour Directional Volume Count

LKF155
Site Code: 051-24139

Start Time	2/13/2024 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		27	187			13	175				
12:15		15	156			8	148				
12:30		7	167			10	168				
12:45		8	200	57	710	9	195	40	686	97	1396
01:00		10	196			6	187				
01:15		7	197			8	190				
01:30		4	195			10	177				
01:45		3	212	24	800	8	180	32	734	56	1534
02:00		5	176			6	147				
02:15		5	219			3	188				
02:30		5	270			4	218				
02:45		1	294	16	959	1	245	14	798	30	1757
03:00		3	313			5	241				
03:15		2	291			3	213				
03:30		7	247			13	201				
03:45		11	299	23	1150	6	239	27	894	50	2044
04:00		5	342			7	**249**				
04:15		10	346			9	**235**				
04:30		11	343			29	**229**				
04:45		18	358	44	1389	39	**252**	84	965	128	2354
05:00		13	**373**			28	223				
05:15		23	**416**			32	232				
05:30		25	**359**			45	218				
05:45		31	**359**	92	1507	84	242	189	915	281	2422
06:00		33	326			90	209				
06:15		46	247			68	208				
06:30		63	256			118	161				
06:45		95	218	237	1047	140	196	416	774	653	1821
07:00		130	203			153	156				
07:15		152	147			188	153				
07:30		**197**	177			261	132				
07:45		**196**	143	675	670	**271**	98	873	539	1548	1209
08:00		**233**	149			**275**	99				
08:15		**275**	134			**273**	118				
08:30		171	120			**267**	102				
08:45		181	112	860	515	193	99	1008	418	1868	933
09:00		120	78			152	108				
09:15		130	105			179	85				
09:30		129	68			149	71				
09:45		135	64	514	315	154	60	634	324	1148	639
10:00		129	53			127	44				
10:15		101	54			150	52				
10:30		125	43			174	29				
10:45		118	31	473	181	139	25	590	150	1063	331
11:00		148	21			137	22				
11:15		148	30			140	18				
11:30		182	24			164	21				
11:45		172	15	650	90	151	22	592	83	1242	173
Total		3665	9333	3665	9333	4499	7280	4499	7280	8164	16613
Combined Total		12998		12998		11779		11779		24777	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	901	-	-	-	1086	-	-	-	-	-
P.H.F.		0.819				0.987					
PM Peak	-	-	05:00	-	-	-	04:00	-	-	-	-
Vol.	-	-	1507	-	-	-	965	-	-	-	-
P.H.F.			0.906				0.957				
Percentage		28.2%	71.8%			38.2%	61.8%				
ADT/AADT		ADT 24,777		AADT 24,777							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Yale Avenue - Jeffrey Road

File Name 356
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	77			0	51				
12:15	4	66			1	57				
12:30	7	80			0	54				
12:45	6	73	21	296	1	52	2	214	23	510
1:00	1	63			2	38				
1:15	1	68			2	52				
1:30	4	70			0	60				
1:45	0	68	6	269	0	59	4	209	10	478
2:00	0	71			2	61				
2:15	3	76			1	80				
2:30	1	111			0	85				
2:45	1	105	5	363	1	89	4	315	9	678
3:00	2	122			1	112				
3:15	2	84			1	118				
3:30	1	92			3	114				
3:45	2	109	7	407	1	127	6	471	13	878
4:00	1	117			4	122				
4:15	6	131			1	110				
4:30	6	89			2	130				
4:45	4	116	17	453	6	95	13	457	30	910
5:00	1	128			6	107				
5:15	4	171			1	99				
5:30	6	150			8	100				
5:45	14	148	25	597	12	101	27	407	52	1004
6:00	11	168			15	72				
6:15	20	155			16	83				
6:30	22	110			19	54				
6:45	30	111	83	544	31	64	81	273	164	817
7:00	21	102			48	54				
7:15	40	91			61	54				
7:30	59	68			68	33				
7:45	82	67	202	328	146	53	323	194	525	522
8:00	101	70			179	36				
8:15	96	48			174	39				
8:30	69	49			150	37				
8:45	93	46	359	213	135	26	638	138	997	351
9:00	62	59			64	17				
9:15	68	38			53	41				
9:30	48	35			55	21				
9:45	71	35	249	167	63	14	235	93	484	260
10:00	55	20			42	7				
10:15	59	19			42	12				
10:30	49	13			46	7				
10:45	50	16	213	68	50	14	180	40	393	108
11:00	44	21			43	3				
11:15	65	14			54	4				
11:30	75	12			41	4				
11:45	62	8	246	55	62	11	200	22	446	77
Totals	1433	3760			1713	2833				
Combined Totals		5193				4546				
ADT										9739
AM Peak Hour	800	AM			745	AM				
Volume	359				649					
P.H.F.	0.889				0.906					
PM Peak Hour		515	PM			345	PM			
Volume		637				489				
P.H.F.		0.931				0.940				
Percentage	27.6%	72.4%			37.7%	62.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

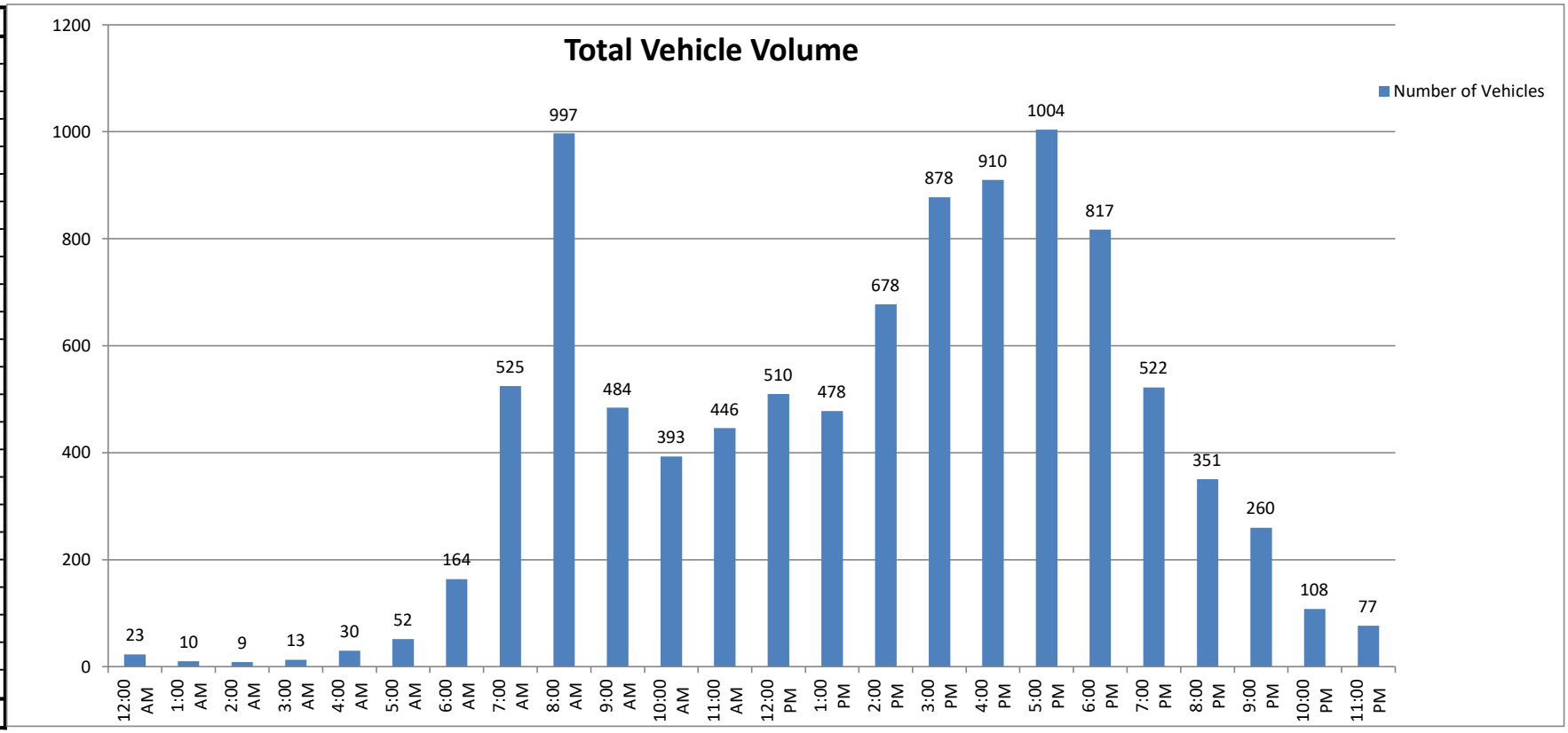
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Trabuco Road
B/ Yale Avenue - Jeffrey Road

2/27/2024

Start Time	2/27/2024
12:00 AM	23
1:00 AM	10
2:00 AM	9
3:00 AM	13
4:00 AM	30
5:00 AM	52
6:00 AM	164
7:00 AM	525
8:00 AM	997
9:00 AM	484
10:00 AM	393
11:00 AM	446
12:00 PM	510
1:00 PM	478
2:00 PM	678
3:00 PM	878
4:00 PM	910
5:00 PM	1004
6:00 PM	817
7:00 PM	522
8:00 PM	351
9:00 PM	260
10:00 PM	108
11:00 PM	77
Total	9739



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Yale Avenue - Jeffrey Road

File Name 356
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	86			4	39				
12:15	7	71			2	44				
12:30	5	68			6	60				
12:45	7	76	26	301	1	46	13	189	39	490
1:00	2	82			0	57				
1:15	2	89			1	77				
1:30	0	115			1	49				
1:45	3	81	7	367	0	74	2	257	9	624
2:00	0	74			1	80				
2:15	0	90			0	85				
2:30	2	76			1	104				
2:45	2	84	4	324	0	109	2	378	6	702
3:00	1	78			0	115				
3:15	3	103			0	113				
3:30	1	98			2	96				
3:45	0	129	5	408	3	121	5	445	10	853
4:00	0	108			1	106				
4:15	1	135			1	121				
4:30	5	92			2	102				
4:45	2	132	8	467	7	110	11	439	19	906
5:00	2	127			6	109				
5:15	4	143			5	106				
5:30	9	151			11	81				
5:45	14	139	29	560	9	110	31	406	60	966
6:00	12	175			10	77				
6:15	17	128			17	85				
6:30	32	103			19	55				
6:45	33	116	94	522	27	61	73	278	167	800
7:00	26	112			31	58				
7:15	38	88			54	49				
7:30	47	88			77	42				
7:45	78	61	189	349	147	58	309	207	498	556
8:00	109	56			171	37				
8:15	93	64			112	29				
8:30	81	52			143	31				
8:45	84	38	367	210	125	33	551	130	918	340
9:00	52	46			85	25				
9:15	82	44			63	16				
9:30	61	32			53	17				
9:45	78	34	273	156	52	18	253	76	526	232
10:00	46	35			56	16				
10:15	43	18			42	12				
10:30	56	16			35	5				
10:45	71	21	216	90	36	9	169	42	385	132
11:00	67	9			47	6				
11:15	55	16			50	4				
11:30	57	15			41	2				
11:45	37	6	216	46	50	3	188	15	404	61
Totals	1434	3800			1607	2862				
Combined Totals		5234				4469				
ADT										9703
AM Peak Hour	800	AM			745	AM				
Volume	367				573					
P.H.F.	0.842				0.838					
PM Peak Hour		515	PM			345	PM			
Volume		608				450				
P.H.F.		0.869				0.930				
Percentage	27.4%	72.6%			36.0%	64.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

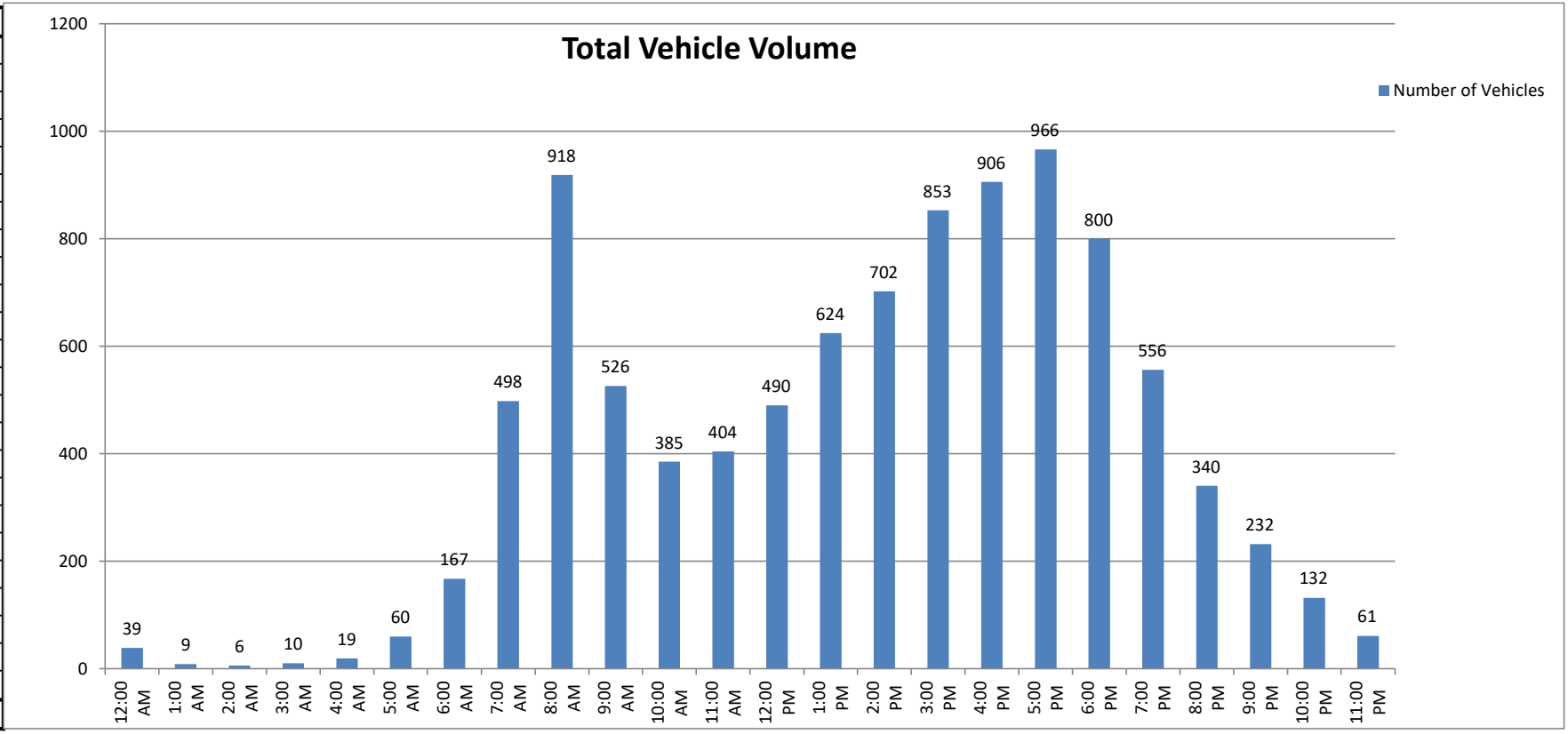
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Trabuco Road
B/ Yale Avenue - Jeffrey Road

2/28/2024

Start Time	2/28/2024
12:00 AM	39
1:00 AM	9
2:00 AM	6
3:00 AM	10
4:00 AM	19
5:00 AM	60
6:00 AM	167
7:00 AM	498
8:00 AM	918
9:00 AM	526
10:00 AM	385
11:00 AM	404
12:00 PM	490
1:00 PM	624
2:00 PM	702
3:00 PM	853
4:00 PM	906
5:00 PM	966
6:00 PM	800
7:00 PM	556
8:00 PM	340
9:00 PM	232
10:00 PM	132
11:00 PM	61
Total	9703



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Trabuco Road
B/ Yale Avenue - Jeffrey Road

File Name 356
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	82			2	45				
12:15	6	69			2	51				
12:30	6	74			3	57				
12:45	7	75	24	299	1	49	8	202	31	500
1:00	2	73			1	48				
1:15	2	79			2	65				
1:30	2	93			1	55				
1:45	2	75	7	318	0	67	3	233	10	551
2:00	0	73			2	71				
2:15	2	83			1	83				
2:30	2	94			1	95				
2:45	2	95	5	344	1	99	3	347	8	690
3:00	2	100			1	114				
3:15	3	94			1	116				
3:30	1	95			3	105				
3:45	1	119	6	408	2	124	6	458	12	866
4:00	1	113			3	114				
4:15	4	133			1	116				
4:30	6	91			2	116				
4:45	3	124	13	460	7	103	12	448	25	908
5:00	2	128			6	108				
5:15	4	157			3	103				
5:30	8	151			10	91				
5:45	14	144	27	579	11	106	29	407	56	985
6:00	12	172			13	75				
6:15	19	142			17	84				
6:30	27	107			19	55				
6:45	32	114	89	533	29	63	77	276	166	809
7:00	24	107			40	56				
7:15	39	90			58	52				
7:30	53	78			73	38				
7:45	80	64	196	339	147	56	316	201	512	539
8:00	105	63			175	37				
8:15	95	56			143	34				
8:30	75	51			147	34				
8:45	89	42	363	212	130	30	595	134	958	346
9:00	57	53			75	21				
9:15	75	41			58	29				
9:30	55	34			54	19				
9:45	75	35	261	162	58	16	244	85	505	246
10:00	51	28			49	12				
10:15	51	19			42	12				
10:30	53	15			41	6				
10:45	61	19	215	79	43	12	175	41	389	120
11:00	56	15			45	5				
11:15	60	15			52	4				
11:30	66	14			41	3				
11:45	50	7	231	51	56	7	194	19	425	69
Totals	1434	3780			1660	2848				
Combined Totals		5214				4508				
ADT										9721
AM Peak Hour	800	AM			745	AM				
Volume	363				611					
P.H.F.	0.864				0.873					
PM Peak Hour		515	PM			345	PM			
Volume		623				470				
P.H.F.		0.907				0.947				
Percentage	27.5%	72.5%			36.8%	63.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Tustin
Tustin Ranch Road
N/ La Colina Drive
24 Hour Directional Volume Count

TUS162
Site Code: 051-24139

Start Time	5/14/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		14	172			4	136				
12:15		7	141			4	156				
12:30		10	132			8	146				
12:45		8	140	39	585	2	118	18	556	57	1141
01:00		4	138			2	152				
01:15		3	134			5	154				
01:30		7	144			2	153				
01:45		4	176	18	592	2	158	11	617	29	1209
02:00		1	170			2	191				
02:15		1	187			0	156				
02:30		3	258			2	207				
02:45		3	309	8	924	4	**328**	8	882	16	1806
03:00		2	216			4	**357**				
03:15		2	207			2	**262**				
03:30		6	220			4	**240**				
03:45		2	200	12	843	6	258	16	1117	28	1960
04:00		5	194			10	187				
04:15		7	218			3	197				
04:30		8	229			8	215				
04:45		10	229	30	870	16	211	37	810	67	1680
05:00		12	**263**			21	204				
05:15		23	**253**			19	222				
05:30		32	**300**			27	221				
05:45		47	**296**	114	1112	38	196	105	843	219	1955
06:00		40	222			48	204				
06:15		59	266			56	148				
06:30		68	167			90	144				
06:45		79	192	246	847	101	160	295	656	541	1503
07:00		88	158			193	136				
07:15		112	141			198	149				
07:30		**222**	162			314	106				
07:45		**278**	105	700	566	**416**	124	1121	515	1821	1081
08:00		**300**	114			**454**	77				
08:15		**246**	118			**460**	110				
08:30		146	100			**336**	58				
08:45		115	86	807	418	227	62	1477	307	2284	725
09:00		114	94			176	40				
09:15		104	74			167	43				
09:30		102	60			142	25				
09:45		160	64	480	292	152	21	637	129	1117	421
10:00		120	46			138	30				
10:15		102	30			137	28				
10:30		104	28			122	22				
10:45		126	24	452	128	114	7	511	87	963	215
11:00		112	28			122	12				
11:15		141	18			114	13				
11:30		112	20			142	12				
11:45		154	14	519	80	144	10	522	47	1041	127
Total		3425	7257	3425	7257	4758	6566	4758	6566	8183	13823
Combined Total		10682		10682		11324		11324		22006	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1046	-	-	-	1666	-	-	-	-	-
P.H.F.		0.872				0.905					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1112	-	-	-	1187	-	-	-	-
P.H.F.			0.927				0.831				
Percentage		32.1%	67.9%			42.0%	58.0%				
ADT/AADT		ADT 22,006		AADT 22,006							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Tustin Ranch Road
S/ Irvine Boulevard
24 Hour Directional Volume Count

TUS161
Site Code: 051-24139

Start Time	4/18/24 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	222			11	193				
12:15		15	183			2	180				
12:30		11	233			12	210				
12:45		14	192	60	830	4	186	29	769	89	1599
01:00		5	253			6	177				
01:15		5	211			3	198				
01:30		10	245			6	186				
01:45		2	250	22	959	7	198	22	759	44	1718
02:00		4	268			5	195				
02:15		7	302			7	185				
02:30		5	342			5	203				
02:45		4	288	20	1200	3	**346**	20	929	40	2129
03:00		3	305			4	**391**				
03:15		5	326			3	**264**				
03:30		1	349			6	**236**				
03:45		5	399	14	1379	11	245	24	1136	38	2515
04:00		8	346			13	221				
04:15		2	386			13	220				
04:30		13	360			17	248				
04:45		13	375	36	1467	30	214	73	903	109	2370
05:00		11	**405**			28	228				
05:15		13	**457**			45	200				
05:30		32	**463**			68	230				
05:45		47	**436**	103	1761	66	214	207	872	310	2633
06:00		50	388			74	180				
06:15		45	402			106	215				
06:30		65	301			128	176				
06:45		64	306	224	1397	167	160	475	731	699	2128
07:00		86	245			238	154				
07:15		124	239			317	139				
07:30		**221**	220			394	134				
07:45		**299**	188	730	892	**454**	164	1403	591	2133	1483
08:00		**269**	186			**540**	123				
08:15		**226**	175			**493**	87				
08:30		186	189			**398**	70				
08:45		159	163	840	713	283	66	1714	346	2554	1059
09:00		119	108			260	75				
09:15		141	116			247	61				
09:30		128	126			183	66				
09:45		148	94	536	444	218	44	908	246	1444	690
10:00		123	82			183	34				
10:15		134	71			195	36				
10:30		141	64			220	40				
10:45		150	92	548	309	193	10	791	120	1339	429
11:00		177	39			201	20				
11:15		168	58			178	20				
11:30		193	45			218	15				
11:45		193	30	731	172	231	12	828	67	1559	239
Total		3864	11523	3864	11523	6494	7469	6494	7469	10358	18992
Combined Total		15387		15387		13963		13963		29350	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1015	-	-	-	1885	-	-	-	-	-
P.H.F.		0.849				0.873					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1761	-	-	-	1237	-	-	-	-
P.H.F.			0.951				0.791				
Percentage		25.1%	74.9%			46.5%	53.5%				
ADT/AADT		ADT 29,350		AADT 29,350							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Tustin
Tustin Ranch Road
S/ Portola Parkway
24 Hour Directional Volume Count

TUS160
Site Code: 051-24139

Start Time	5/14/2024 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	121			4	112				
12:15		3	114			5	108				
12:30		9	102			4	110				
12:45		8	106	30	443	2	87	15	417	45	860
01:00		2	105			2	124				
01:15		4	109			5	118				
01:30		5	121			2	114				
01:45		3	132	14	467	2	134	11	490	25	957
02:00		1	129			1	126				
02:15		1	139			0	134				
02:30		0	194			1	168				
02:45		3	264	5	726	4	**300**	6	728	11	1454
03:00		1	166			3	**274**				
03:15		1	184			1	**193**				
03:30		0	174			2	**190**				
03:45		5	130	7	654	4	202	10	859	17	1513
04:00		3	162			5	154				
04:15		6	156			2	174				
04:30		3	186			7	192				
04:45		4	161	16	665	15	168	29	688	45	1353
05:00		8	189			16	188				
05:15		22	196			15	168				
05:30		27	**218**			22	181				
05:45		45	**208**	102	811	24	162	77	699	179	1510
06:00		35	**178**			39	135				
06:15		50	**212**			48	114				
06:30		57	120			68	95				
06:45		66	141	208	651	74	124	229	468	437	1119
07:00		70	121			123	110				
07:15		89	105			162	96				
07:30		**218**	118			**254**	77				
07:45		**254**	84	631	428	**376**	79	915	362	1546	790
08:00		**233**	84			**390**	59				
08:15		**169**	87			**306**	79				
08:30		128	66			196	38				
08:45		87	62	617	299	175	38	1067	214	1684	513
09:00		82	77			141	25				
09:15		82	53			114	41				
09:30		68	39			104	22				
09:45		125	40	357	209	115	21	474	109	831	318
10:00		85	35			92	21				
10:15		82	26			98	27				
10:30		63	21			90	18				
10:45		88	15	318	97	88	10	368	76	686	173
11:00		70	23			82	12				
11:15		92	13			83	6				
11:30		76	14			100	11				
11:45		100	9	338	59	108	8	373	37	711	96
Total		2643	5509	2643	5509	3574	5147	3574	5147	6217	10656
Combined Total		8152		8152		8721		8721		16873	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	874	-	-	-	1326	-	-	-	-	-
P.H.F.		0.860				0.850					
PM Peak	-	-	05:30	-	-	-	02:45	-	-	-	-
Vol.	-	-	816	-	-	-	957	-	-	-	-
P.H.F.			0.936				0.798				
Percentage		32.4%	67.6%			41.0%	59.0%				
ADT/AADT		ADT 16,873		AADT 16,873							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Tustin
Tustin Ranch Road
W/ Jamboree Road
24 Hour Directional Volume Count

TUS159
Site Code: 051-24139

Start Time	2/27/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	30			1	**35**				
12:15		0	33			0	**46**				
12:30		0	43			1	**39**				
12:45		0	30	0	136	0	**37**	2	157	2	293
01:00		0	34			1	33				
01:15		0	27			0	27				
01:30		0	17			0	17				
01:45		0	26	0	104	0	28	1	105	1	209
02:00		1	32			0	22				
02:15		0	20			1	21				
02:30		1	28			0	29				
02:45		0	35	2	115	0	22	1	94	3	209
03:00		0	43			1	26				
03:15		0	50			0	25				
03:30		0	42			0	32				
03:45		1	42	1	177	2	27	3	110	4	287
04:00		0	54			2	28				
04:15		0	**60**			0	26				
04:30		1	**68**			7	31				
04:45		1	**64**	2	246	7	35	16	120	18	366
05:00		1	**63**			7	51				
05:15		5	57			5	30				
05:30		6	70			3	38				
05:45		18	57	30	247	32	26	47	145	77	392
06:00		18	57			66	30				
06:15		14	51			18	32				
06:30		16	63			34	23				
06:45		18	43	66	214	45	20	163	105	229	319
07:00		13	20			45	18				
07:15		16	15			76	14				
07:30		**25**	19			80	11				
07:45		**30**	14	84	68	**108**	13	309	56	393	124
08:00		**35**	11			**74**	13				
08:15		**37**	15			**103**	9				
08:30		24	3			**82**	14				
08:45		19	12	115	41	50	12	309	48	424	89
09:00		18	10			42	8				
09:15		18	7			41	7				
09:30		24	5			23	8				
09:45		16	3	76	25	23	6	129	29	205	54
10:00		17	4			18	6				
10:15		20	5			26	0				
10:30		9	1			21	2				
10:45		21	0	67	10	23	1	88	9	155	19
11:00		19	1			25	1				
11:15		24	2			19	1				
11:30		16	4			28	0				
11:45		13	1	72	8	28	3	100	5	172	13
Total		515	1391	515	1391	1168	983	1168	983	1683	2374
Combined Total		1906		1906		2151		2151		4057	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	127	-	-	-	367	-	-	-	-	-
P.H.F.		0.858				0.850					
PM Peak	-	-	04:15	-	-	-	12:00	-	-	-	-
Vol.	-	-	255	-	-	-	157	-	-	-	-
P.H.F.			0.938				0.853				
Percentage		27.0%	73.0%			54.3%	45.7%				
ADT/AADT		ADT 4,057		AADT 4,057							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Culver Drive - Golden Glow Street

File Name 366
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	223			19	199				
12:15	26	197			14	248				
12:30	13	226			9	211				
12:45	17	231	81	877	6	216	48	874	129	1751
1:00	10	203			7	204				
1:15	14	195			6	199				
1:30	12	208			6	223				
1:45	4	211	40	817	6	222	25	848	65	1665
2:00	4	256			5	200				
2:15	2	341			7	200				
2:30	9	347			3	214				
2:45	5	277	20	1221	5	201	20	815	40	2036
3:00	4	302			2	288				
3:15	5	328			1	276				
3:30	0	367			2	273				
3:45	1	424	10	1421	7	244	12	1081	22	2502
4:00	7	398			8	226				
4:15	7	407			5	279				
4:30	7	406			7	294				
4:45	7	462	28	1673	22	323	42	1122	70	2795
5:00	13	526			21	239				
5:15	17	516			33	250				
5:30	17	484			46	283				
5:45	33	482	80	2008	64	248	164	1020	244	3028
6:00	31	420			64	270				
6:15	44	409			90	229				
6:30	71	352			116	237				
6:45	68	287	214	1468	166	149	436	885	650	2353
7:00	91	223			182	94				
7:15	142	192			255	118				
7:30	171	143			418	108				
7:45	254	166	658	724	445	87	1300	407	1958	1131
8:00	251	144			420	77				
8:15	340	137			421	86				
8:30	318	130			394	78				
8:45	251	124	1160	535	455	78	1690	319	2850	854
9:00	184	130			426	82				
9:15	224	124			395	80				
9:30	215	103			291	64				
9:45	149	104	772	461	247	63	1359	289	2131	750
10:00	173	112			195	48				
10:15	146	54			190	47				
10:30	176	60			239	30				
10:45	171	49	666	275	239	35	863	160	1529	435
11:00	200	49			184	21				
11:15	166	35			189	20				
11:30	183	44			193	22				
11:45	200	34	749	162	197	17	763	80	1512	242
Totals	4478	11642			6722	7900				
Combined Totals		16120				14622				
ADT										30742
AM Peak Hour	745	AM			730	AM				
Volume	1163				1704					
P.H.F.	0.855				0.957					
PM Peak Hour		500	PM			415	PM			
Volume		2008				1135				
P.H.F.		0.954				0.878				
Percentage	27.8%	72.2%			46.0%	54.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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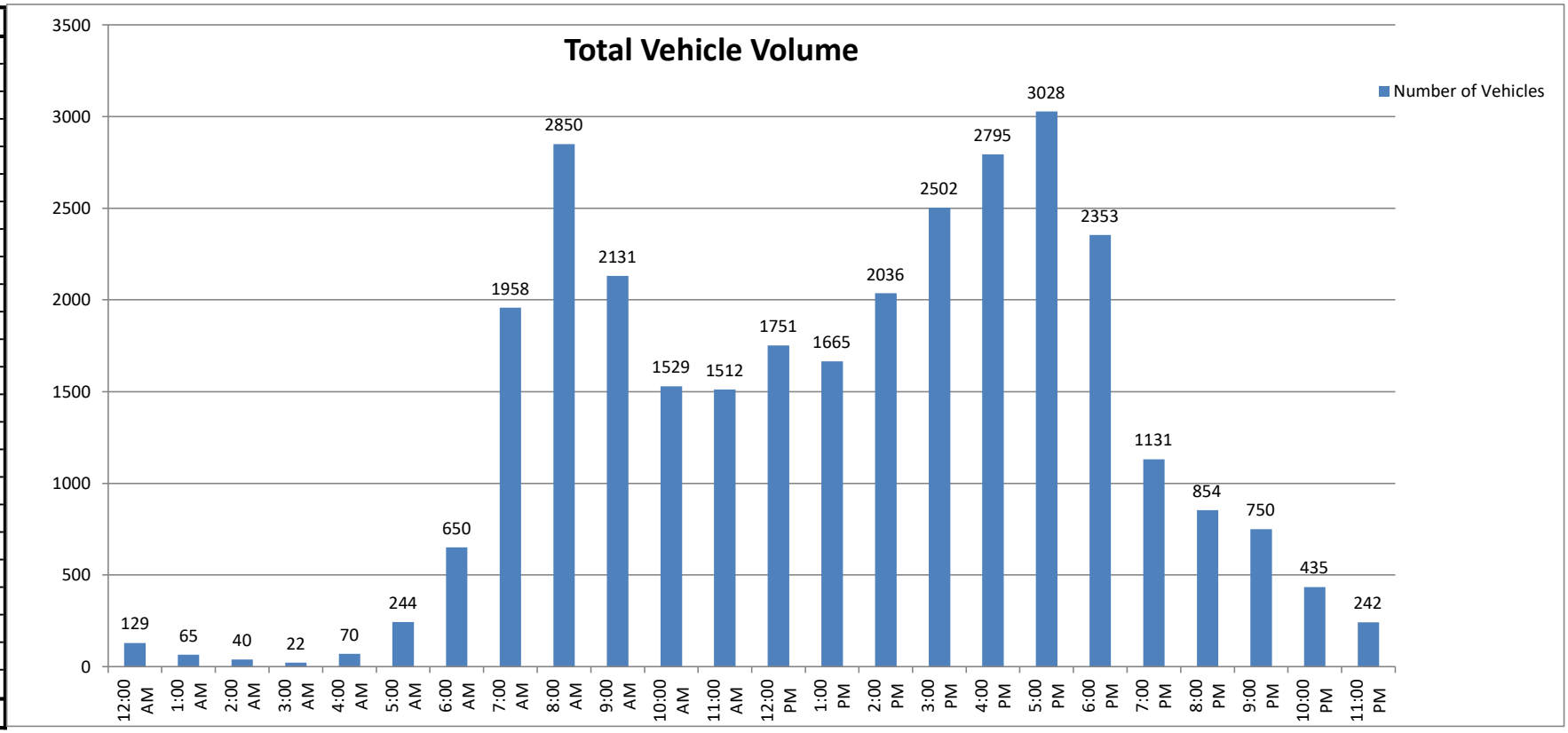
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Culver Drive - Golden Glow Street

1/30/2024

Start Time	1/30/2024
12:00 AM	129
1:00 AM	65
2:00 AM	40
3:00 AM	22
4:00 AM	70
5:00 AM	244
6:00 AM	650
7:00 AM	1958
8:00 AM	2850
9:00 AM	2131
10:00 AM	1529
11:00 AM	1512
12:00 PM	1751
1:00 PM	1665
2:00 PM	2036
3:00 PM	2502
4:00 PM	2795
5:00 PM	3028
6:00 PM	2353
7:00 PM	1131
8:00 PM	854
9:00 PM	750
10:00 PM	435
11:00 PM	242
Total	30742



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
University Drive
B/ Culver Drive - Golden Glow Street

File Name 366
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	31	229			13	188				
12:15	30	233			12	229				
12:30	12	239			13	235				
12:45	15	243	88	944	10	261	48	913	136	1857
1:00	14	264			7	222				
1:15	21	260			11	205				
1:30	8	226			3	227				
1:45	7	261	50	1011	15	233	36	887	86	1898
2:00	9	269			9	248				
2:15	5	349			3	218				
2:30	9	323			4	233				
2:45	5	336	28	1277	7	221	23	920	51	2197
3:00	4	312			0	232				
3:15	3	324			5	246				
3:30	3	357			2	222				
3:45	3	384	13	1377	2	268	9	968	22	2345
4:00	2	397			4	239				
4:15	8	444			4	259				
4:30	1	415			14	280				
4:45	12	481	23	1737	16	257	38	1035	61	2772
5:00	11	443			20	305				
5:15	6	540			40	303				
5:30	21	485			40	280				
5:45	27	436	65	1904	56	304	156	1192	221	3096
6:00	38	328			77	284				
6:15	53	410			93	273				
6:30	66	342			109	288				
6:45	68	256	225	1336	169	186	448	1031	673	2367
7:00	82	254			159	131				
7:15	139	224			219	116				
7:30	167	179			347	111				
7:45	254	157	642	814	463	109	1188	467	1830	1281
8:00	258	149			409	98				
8:15	333	165			465	97				
8:30	323	145			453	79				
8:45	293	159	1207	618	454	93	1781	367	2988	985
9:00	211	151			338	68				
9:15	183	158			331	76				
9:30	155	172			313	77				
9:45	157	155	706	636	284	63	1266	284	1972	920
10:00	156	124			189	52				
10:15	143	89			213	36				
10:30	179	81			243	38				
10:45	171	54	649	348	203	31	848	157	1497	505
11:00	190	55			205	19				
11:15	183	37			166	20				
11:30	182	41			200	20				
11:45	178	28	733	161	228	13	799	72	1532	233
Totals	4429	12163			6640	8293				
Combined Totals		16592				14933				
ADT										31525
AM Peak Hour	800	AM			745	AM				
Volume	1207				1790					
P.H.F.	0.906				0.962					
PM Peak Hour		445	PM			500	PM			
Volume		1949				1192				
P.H.F.		0.902				0.977				
Percentage	26.7%	73.3%			44.5%	55.5%				

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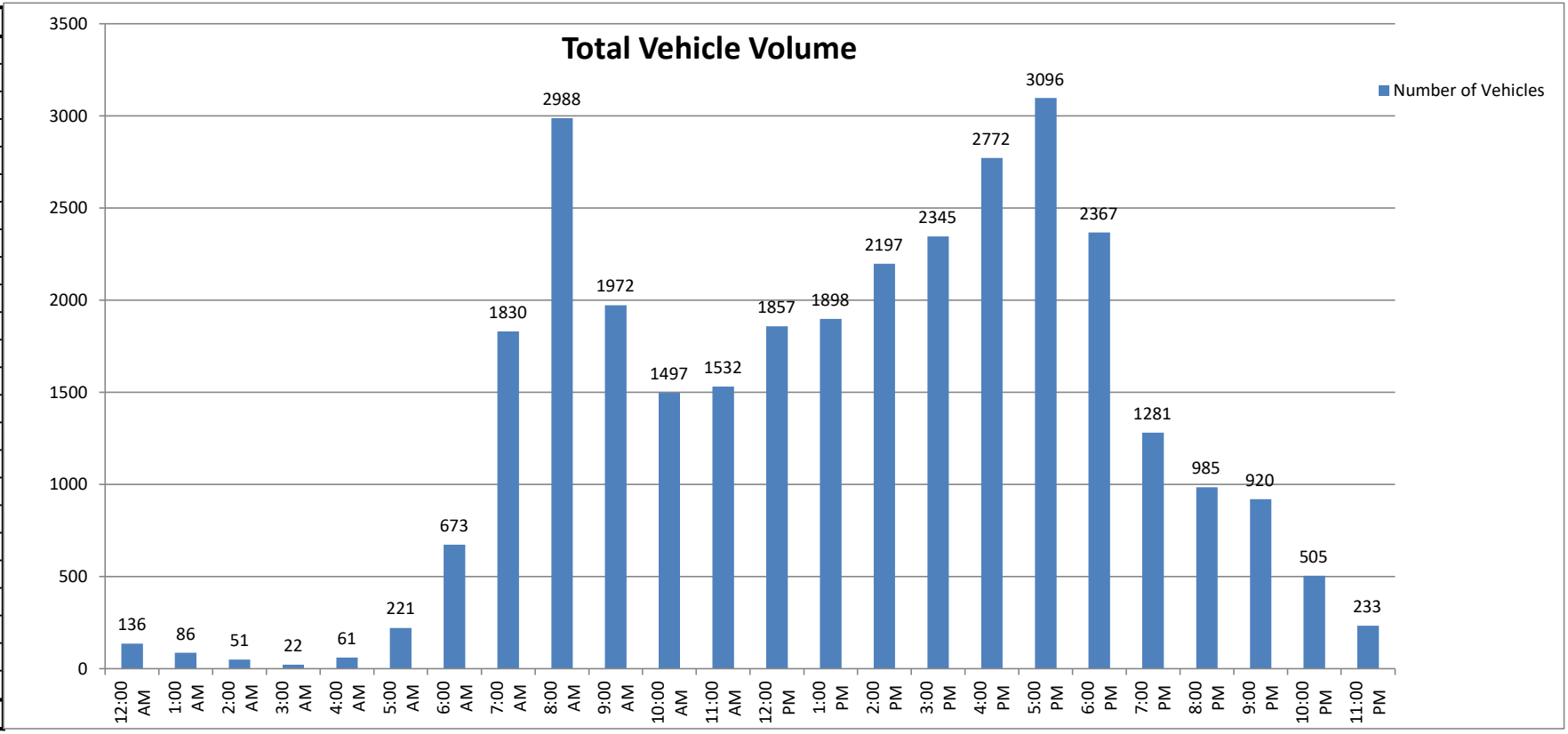
24 Hour Volume Plot

University Drive
B/ Culver Drive - Golden Glow Street
1/31/2024

Start Time	1/31/2024
12:00 AM	136
1:00 AM	86
2:00 AM	51
3:00 AM	22
4:00 AM	61
5:00 AM	221
6:00 AM	673
7:00 AM	1830
8:00 AM	2988
9:00 AM	1972
10:00 AM	1497
11:00 AM	1532
12:00 PM	1857
1:00 PM	1898
2:00 PM	2197
3:00 PM	2345
4:00 PM	2772
5:00 PM	3096
6:00 PM	2367
7:00 PM	1281
8:00 PM	985
9:00 PM	920
10:00 PM	505
11:00 PM	233
Total	31525



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Culver Drive - Golden Glow Street

File Name 366
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	28	226			16	194				
12:15	28	215			13	239				
12:30	13	233			11	223				
12:45	16	237	85	911	8	239	48	894	133	1804
1:00	12	234			7	213				
1:15	18	228			9	202				
1:30	10	217			5	225				
1:45	6	236	45	914	11	228	31	868	76	1782
2:00	7	263			7	224				
2:15	4	345			5	209				
2:30	9	335			4	224				
2:45	5	307	24	1249	6	211	22	868	46	2117
3:00	4	307			1	260				
3:15	4	326			3	261				
3:30	2	362			2	248				
3:45	2	404	12	1399	5	256	11	1025	22	2424
4:00	5	398			6	233				
4:15	8	426			5	269				
4:30	4	411			11	287				
4:45	10	472	26	1705	19	290	40	1079	66	2784
5:00	12	485			21	272				
5:15	12	528			37	277				
5:30	19	485			43	282				
5:45	30	459	73	1956	60	276	160	1106	233	3062
6:00	35	374			71	277				
6:15	49	410			92	251				
6:30	69	347			113	263				
6:45	68	272	220	1402	168	168	442	958	662	2360
7:00	87	239			171	113				
7:15	141	208			237	117				
7:30	169	161			383	110				
7:45	254	162	650	769	454	98	1244	437	1894	1206
8:00	255	147			415	88				
8:15	337	151			443	92				
8:30	321	138			424	79				
8:45	272	142	1184	577	455	86	1736	343	2919	920
9:00	198	141			382	75				
9:15	204	141			363	78				
9:30	185	138			302	71				
9:45	153	130	739	549	266	63	1313	287	2052	835
10:00	165	118			192	50				
10:15	145	72			202	42				
10:30	178	71			241	34				
10:45	171	52	658	312	221	33	856	159	1513	470
11:00	195	52			195	20				
11:15	175	36			178	20				
11:30	183	43			197	21				
11:45	189	31	741	162	213	15	781	76	1522	238
Totals	4454	11903			6681	8097				
Combined Totals		16356				14778				
ADT										31134
AM Peak Hour	800 AM				800 AM					
Volume	1184				1736					
P.H.F.	0.879				0.955					
PM Peak Hour		445 PM				430 PM				
Volume		1969				1126				
P.H.F.		0.932				0.970				
Percentage	27.2%	72.8%			45.2%	54.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
University Drive
B/ Golden Glow Street - Yale Avenue

File Name 367
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	196			14	208				
12:15	25	208			13	217				
12:30	13	193			7	224				
12:45	18	249	78	846	7	208	41	857	119	1703
1:00	10	190			8	188				
1:15	13	193			7	195				
1:30	13	199			6	201				
1:45	3	201	39	783	6	233	27	817	66	1600
2:00	4	245			5	183				
2:15	3	317			7	191				
2:30	10	323			3	188				
2:45	5	263	22	1148	4	193	19	755	41	1903
3:00	4	284			2	319				
3:15	5	329			1	252				
3:30	0	326			2	278				
3:45	1	397	10	1336	7	221	12	1070	22	2406
4:00	7	362			8	237				
4:15	7	392			5	254				
4:30	7	387			8	295				
4:45	7	455	28	1596	22	299	43	1085	71	2681
5:00	13	506			22	230				
5:15	18	480			28	256				
5:30	17	469			45	284				
5:45	27	423	75	1878	59	234	154	1004	229	2882
6:00	35	427			64	273				
6:15	41	402			88	235				
6:30	69	350			113	213				
6:45	68	287	213	1466	171	147	436	868	649	2334
7:00	94	218			170	92				
7:15	131	184			255	114				
7:30	184	134			398	106				
7:45	233	156	642	692	447	88	1270	400	1912	1092
8:00	264	157			384	66				
8:15	325	120			374	83				
8:30	308	133			405	75				
8:45	239	122	1136	532	455	82	1618	306	2754	838
9:00	188	117			398	86				
9:15	225	124			383	81				
9:30	222	96			269	58				
9:45	161	98	796	435	243	64	1293	289	2089	724
10:00	160	108			180	50				
10:15	147	53			195	39				
10:30	168	52			199	32				
10:45	174	45	649	258	237	35	811	156	1460	414
11:00	184	47			174	21				
11:15	168	39			184	17				
11:30	169	40			187	22				
11:45	196	32	717	158	184	16	729	76	1446	234
Totals	4405	11128			6453	7683				
Combined Totals		15533				14136				
ADT										29669
AM Peak Hour	800	AM			830	AM				
Volume	1136				1641					
P.H.F.	0.874				0.902					
PM Peak Hour		445	PM			400	PM			
Volume		1910				1085				
P.H.F.		0.944				0.907				
Percentage	28.4%	71.6%			45.6%	54.4%				

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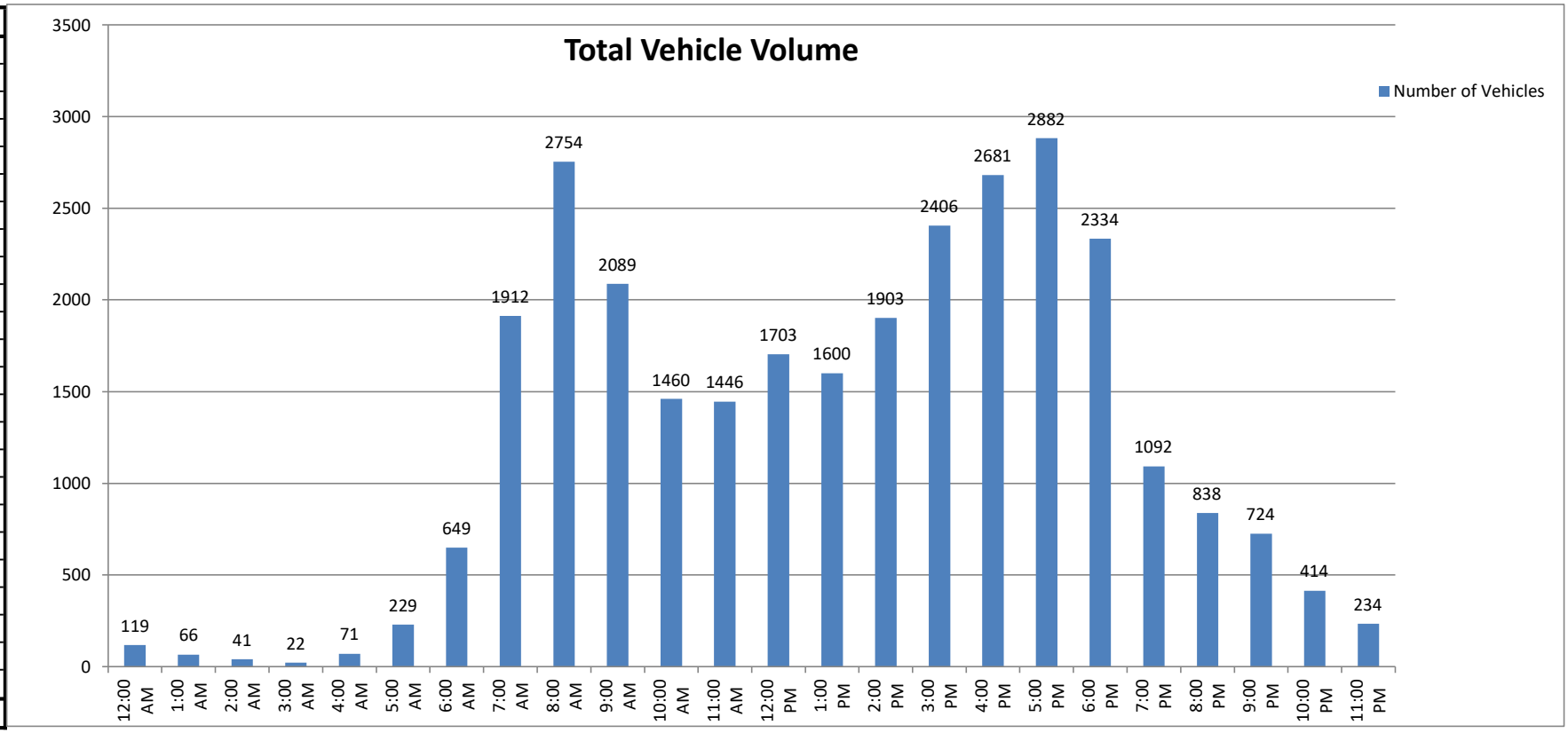
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Golden Glow Street - Yale Avenue
1/30/2024

Start Time	1/30/2024
12:00 AM	119
1:00 AM	66
2:00 AM	41
3:00 AM	22
4:00 AM	71
5:00 AM	229
6:00 AM	649
7:00 AM	1912
8:00 AM	2754
9:00 AM	2089
10:00 AM	1460
11:00 AM	1446
12:00 PM	1703
1:00 PM	1600
2:00 PM	1903
3:00 PM	2406
4:00 PM	2681
5:00 PM	2882
6:00 PM	2334
7:00 PM	1092
8:00 PM	838
9:00 PM	724
10:00 PM	414
11:00 PM	234
Total	29669



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
University Drive
B/ Golden Glow Street - Yale Avenue

File Name 367
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	27	207			15	200				
12:15	29	236			9	216				
12:30	12	213			14	234				
12:45	15	255	83	911	9	252	47	902	130	1813
1:00	14	247			8	207				
1:15	18	269			11	198				
1:30	8	211			3	208				
1:45	9	232	49	959	14	234	36	847	85	1806
2:00	9	282			9	218				
2:15	5	319			3	219				
2:30	8	318			4	229				
2:45	5	316	27	1235	6	216	22	882	49	2117
3:00	4	317			0	244				
3:15	4	324			6	231				
3:30	3	344			2	231				
3:45	3	366	14	1351	3	253	11	959	25	2310
4:00	2	359			4	257				
4:15	8	417			4	224				
4:30	1	402			13	279				
4:45	12	441	23	1619	17	255	38	1015	61	2634
5:00	13	448			19	275				
5:15	6	492			35	294				
5:30	21	410			42	305				
5:45	27	407	67	1757	51	265	147	1139	214	2896
6:00	38	330			73	291				
6:15	52	403			86	286				
6:30	66	336			102	240				
6:45	64	262	220	1331	181	177	442	994	662	2325
7:00	83	241			142	141				
7:15	130	220			216	107				
7:30	178	183			328	114				
7:45	234	146	625	790	426	101	1112	463	1737	1253
8:00	262	151			361	95				
8:15	299	149			477	94				
8:30	345	145			415	79				
8:45	294	145	1200	590	440	90	1693	358	2893	948
9:00	206	154			347	70				
9:15	192	143			323	73				
9:30	154	177			298	73				
9:45	162	150	714	624	274	63	1242	279	1956	903
10:00	149	122			185	49				
10:15	149	83			221	31				
10:30	160	83			218	41				
10:45	176	50	634	338	218	25	842	146	1476	484
11:00	193	54			184	22				
11:15	183	37			174	21				
11:30	178	41			207	20				
11:45	175	26	729	158	200	14	765	77	1494	235
Totals	4385	11663			6397	8061				
Combined Totals		16048				14458				
ADT										30506
AM Peak Hour	800	AM			800	AM				
Volume	1200				1693					
P.H.F.	0.870				0.887					
PM Peak Hour		445	PM			515	PM			
Volume		1791				1155				
P.H.F.		0.910				0.947				
Percentage	27.3%	72.7%			44.2%	55.8%				

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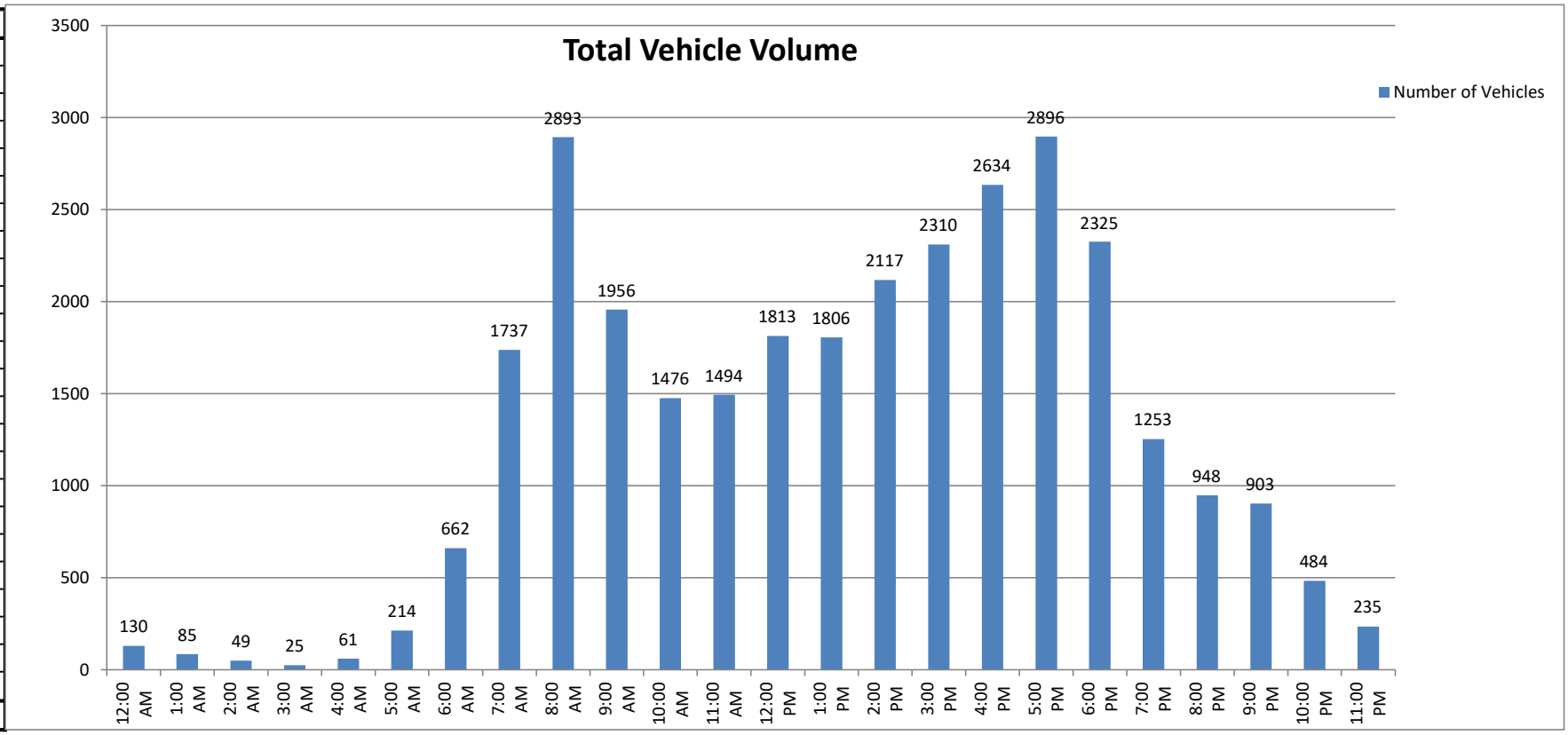
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Golden Glow Street - Yale Avenue
1/31/2024

Start Time	1/31/2024
12:00 AM	130
1:00 AM	85
2:00 AM	49
3:00 AM	25
4:00 AM	61
5:00 AM	214
6:00 AM	662
7:00 AM	1737
8:00 AM	2893
9:00 AM	1956
10:00 AM	1476
11:00 AM	1494
12:00 PM	1813
1:00 PM	1806
2:00 PM	2117
3:00 PM	2310
4:00 PM	2634
5:00 PM	2896
6:00 PM	2325
7:00 PM	1253
8:00 PM	948
9:00 PM	903
10:00 PM	484
11:00 PM	235
Total	30506



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Golden Glow Street - Yale Avenue

File Name 367
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	25	202			15	204				
12:15	27	222			11	217				
12:30	13	203			11	229				
12:45	17	252	81	879	8	230	44	880	125	1758
1:00	12	219			8	198				
1:15	16	231			9	197				
1:30	11	205			5	205				
1:45	6	217	44	871	10	234	32	832	76	1703
2:00	7	264			7	201				
2:15	4	318			5	205				
2:30	9	321			4	209				
2:45	5	290	25	1192	5	205	21	819	45	2010
3:00	4	301			1	282				
3:15	5	327			4	242				
3:30	2	335			2	255				
3:45	2	382	12	1344	5	237	12	1015	24	2358
4:00	5	361			6	247				
4:15	8	405			5	239				
4:30	4	395			11	287				
4:45	10	448	26	1608	20	277	41	1050	66	2658
5:00	13	477			21	253				
5:15	12	486			32	275				
5:30	19	440			44	295				
5:45	27	415	71	1818	55	250	151	1072	222	2889
6:00	37	379			69	282				
6:15	47	403			87	261				
6:30	68	343			108	227				
6:45	66	275	217	1399	176	162	439	931	656	2330
7:00	89	230			156	117				
7:15	131	202			236	111				
7:30	181	159			363	110				
7:45	234	151	634	741	437	95	1191	432	1825	1173
8:00	263	154			373	81				
8:15	312	135			426	89				
8:30	327	139			410	77				
8:45	267	134	1168	561	448	86	1656	332	2824	893
9:00	197	136			373	78				
9:15	209	134			353	77				
9:30	188	137			284	66				
9:45	162	124	755	530	259	64	1268	284	2023	814
10:00	155	115			183	50				
10:15	148	68			208	35				
10:30	164	68			209	37				
10:45	175	48	642	298	228	30	827	151	1468	449
11:00	189	51			179	22				
11:15	176	38			179	19				
11:30	174	41			197	21				
11:45	186	29	723	158	192	15	747	77	1470	235
Totals	4395	11396			6425	7872				
Combined Totals		15791				14297				
ADT										30088
AM Peak Hour	800	AM			815	AM				
Volume	1168				1656					
P.H.F.	0.894				0.925					
PM Peak Hour		445	PM			515	PM			
Volume		1851				1101				
P.H.F.		0.952				0.935				
Percentage	27.8%	72.2%			44.9%	55.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Harvard Avenue - Culver Drive

File Name 365
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	163			8	157				
12:15	11	156			7	158				
12:30	10	155			2	163				
12:45	8	131	46	605	4	174	21	652	67	1257
1:00	6	131			4	137				
1:15	9	150			3	126				
1:30	2	151			2	170				
1:45	4	149	21	581	0	180	9	613	30	1194
2:00	6	213			3	124				
2:15	4	158			5	113				
2:30	5	188			5	148				
2:45	9	181	24	740	3	149	16	534	40	1274
3:00	3	202			4	143				
3:15	1	272			3	175				
3:30	1	240			2	140				
3:45	2	238	7	952	4	145	13	603	20	1555
4:00	4	279			3	130				
4:15	2	281			5	161				
4:30	4	319			5	177				
4:45	5	297	15	1176	13	197	26	665	41	1841
5:00	3	413			15	135				
5:15	6	369			34	175				
5:30	10	298			44	161				
5:45	16	312	35	1392	58	187	151	658	186	2050
6:00	23	340			51	148				
6:15	26	281			75	157				
6:30	42	255			90	131				
6:45	33	188	124	1064	116	104	332	540	456	1604
7:00	40	152			136	67				
7:15	71	116			167	74				
7:30	132	119			304	63				
7:45	134	103	377	490	329	58	936	262	1313	752
8:00	126	98			338	41				
8:15	142	98			298	44				
8:30	120	83			386	45				
8:45	145	84	533	363	337	39	1359	169	1892	532
9:00	98	70			358	44				
9:15	144	73			289	41				
9:30	123	62			270	39				
9:45	91	68	456	273	194	32	1111	156	1567	429
10:00	94	58			184	37				
10:15	96	40			154	23				
10:30	95	37			166	21				
10:45	108	26	393	161	212	15	716	96	1109	257
11:00	126	29			133	14				
11:15	120	19			146	12				
11:30	117	21			140	17				
11:45	134	19	497	88	141	11	560	54	1057	142
Totals	2528	7885			5250	5002				
Combined Totals		10413				10252				
ADT										20665
AM Peak Hour	730	AM			815	AM				
Volume	534				1379					
P.H.F.	0.940				0.893					
PM Peak Hour		430	PM			430	PM			
Volume		1398				684				
P.H.F.		0.846				0.868				
Percentage	24.3%	75.7%			51.2%	48.8%				

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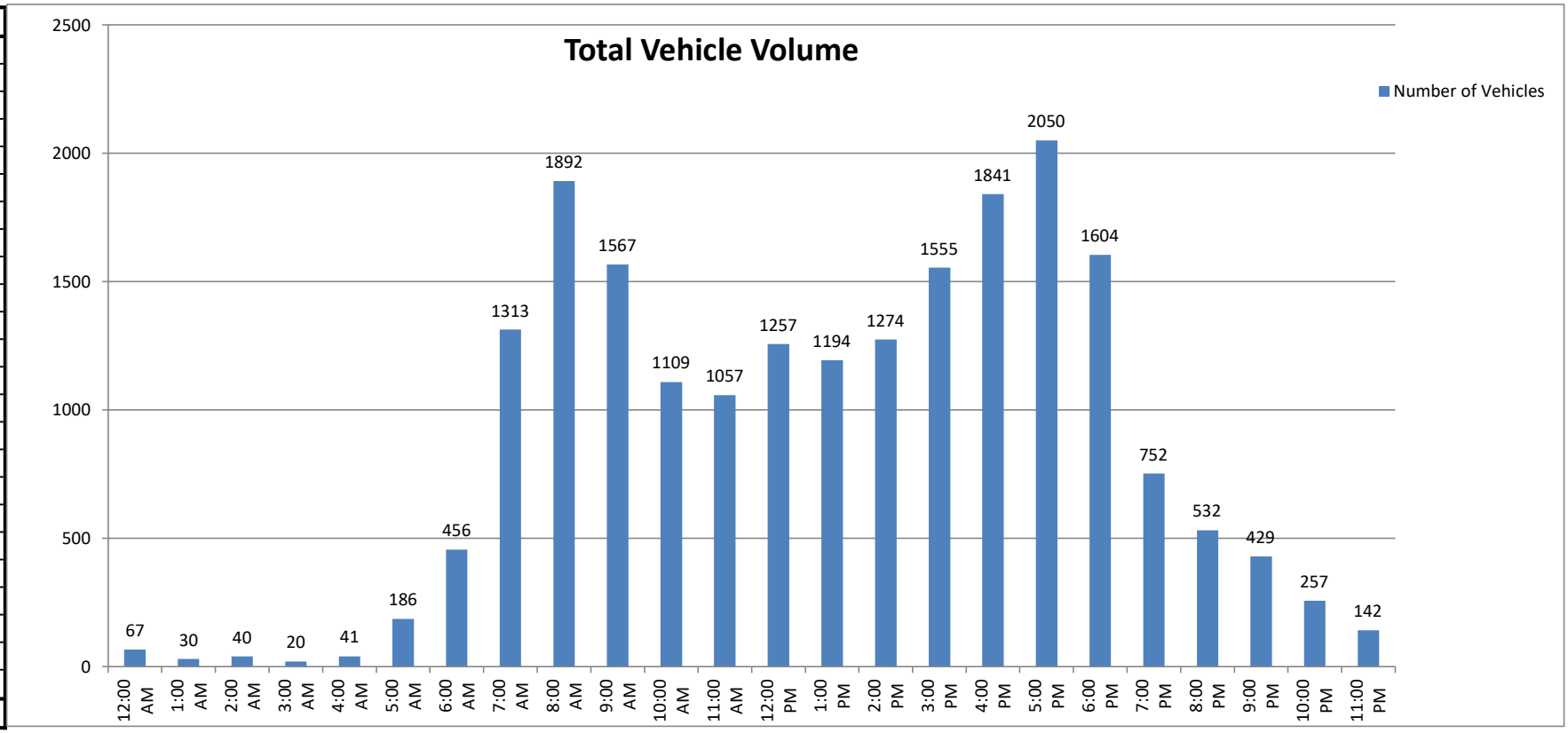
24 Hour Volume Plot

University Drive
B/ Harvard Avenue - Culver Drive

1/30/2024

Start Time	1/30/2024
12:00 AM	67
1:00 AM	30
2:00 AM	40
3:00 AM	20
4:00 AM	41
5:00 AM	186
6:00 AM	456
7:00 AM	1313
8:00 AM	1892
9:00 AM	1567
10:00 AM	1109
11:00 AM	1057
12:00 PM	1257
1:00 PM	1194
2:00 PM	1274
3:00 PM	1555
4:00 PM	1841
5:00 PM	2050
6:00 PM	1604
7:00 PM	752
8:00 PM	532
9:00 PM	429
10:00 PM	257
11:00 PM	142
Total	20665



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Harvard Avenue - Culver Drive

File Name 365
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	152			7	147				
12:15	16	154			9	132				
12:30	11	153			5	170				
12:45	9	152	54	611	7	181	28	630	82	1241
1:00	7	192			3	146				
1:15	5	171			5	141				
1:30	5	159			1	144				
1:45	6	160	23	682	4	166	13	597	36	1279
2:00	6	211			4	142				
2:15	5	167			1	140				
2:30	3	178			5	176				
2:45	5	217	19	773	4	153	14	611	33	1384
3:00	0	231			0	110				
3:15	2	225			3	148				
3:30	3	199			2	145				
3:45	0	217	5	872	1	145	6	548	11	1420
4:00	1	283			1	143				
4:15	5	262			1	159				
4:30	1	319			3	152				
4:45	7	321	14	1185	12	175	17	629	31	1814
5:00	8	389			16	135				
5:15	5	345			38	175				
5:30	10	363			30	175				
5:45	7	263	30	1360	52	212	136	697	166	2057
6:00	22	268			60	174				
6:15	41	312			70	169				
6:30	38	203			85	174				
6:45	39	184	140	967	111	124	326	641	466	1608
7:00	44	143			112	83				
7:15	71	148			152	76				
7:30	120	97			277	65				
7:45	116	95	351	483	363	70	904	294	1255	777
8:00	124	115			273	51				
8:15	158	90			321	60				
8:30	124	110			437	51				
8:45	136	83	542	398	340	51	1371	213	1913	611
9:00	132	84			287	38				
9:15	105	82			258	37				
9:30	85	132			275	54				
9:45	76	129	398	427	237	40	1057	169	1455	596
10:00	111	78			162	30				
10:15	86	50			173	22				
10:30	101	44			159	21				
10:45	111	31	409	203	185	19	679	92	1088	295
11:00	127	34			151	13				
11:15	100	21			141	12				
11:30	143	19			137	11				
11:45	142	13	512	87	192	12	621	48	1133	135
Totals	2497	8048			5172	5169				
Combined Totals		10545				10341				
ADT										20886
AM Peak Hour	815	AM			745	AM				
Volume	550				1394					
P.H.F.	0.870				0.797					
PM Peak Hour		445	PM			515	PM			
Volume		1418				736				
P.H.F.		0.911				0.868				
Percentage	23.7%	76.3%			50.0%	50.0%				

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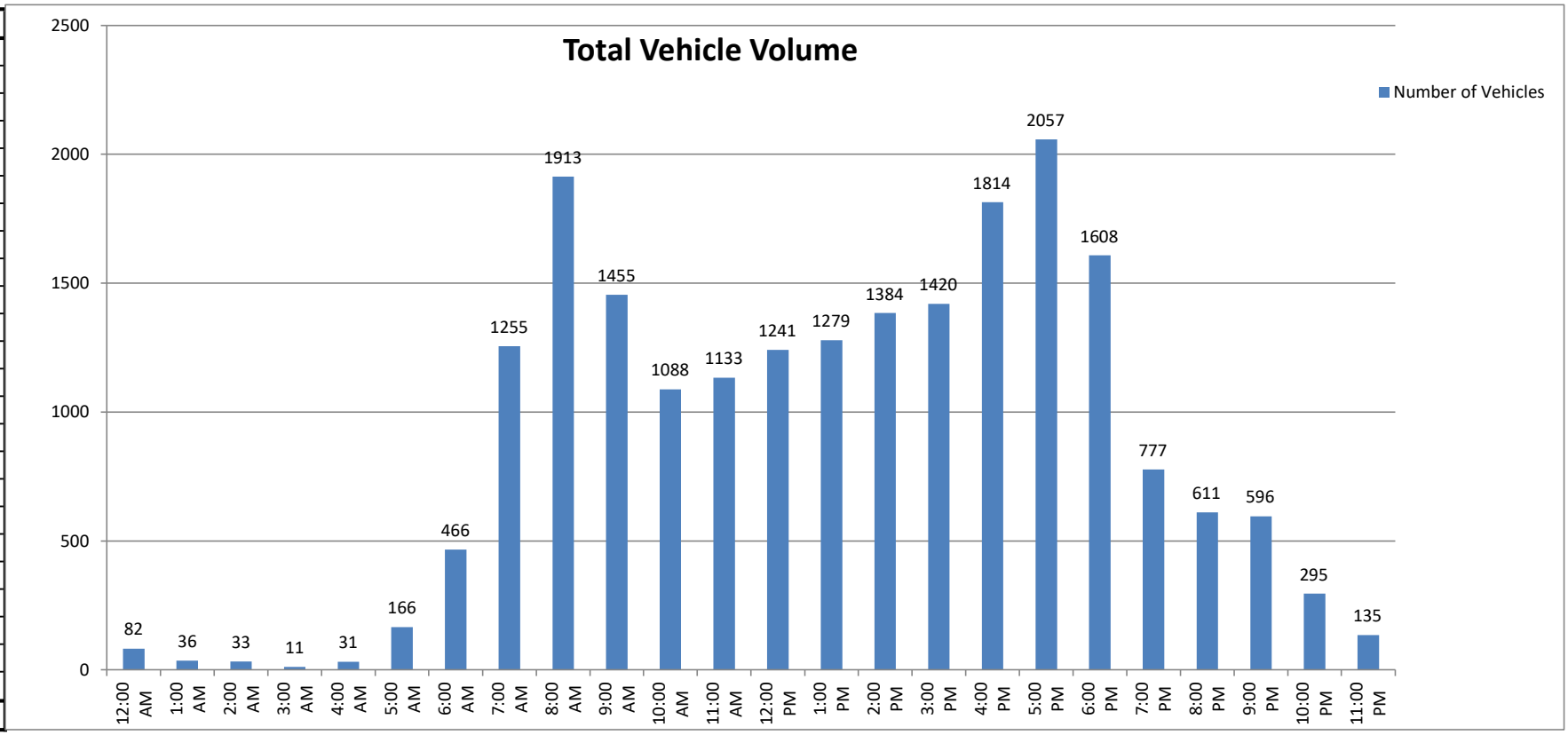
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Harvard Avenue - Culver Drive

1/31/2024

Start Time	1/31/2024
12:00 AM	82
1:00 AM	36
2:00 AM	33
3:00 AM	11
4:00 AM	31
5:00 AM	166
6:00 AM	466
7:00 AM	1255
8:00 AM	1913
9:00 AM	1455
10:00 AM	1088
11:00 AM	1133
12:00 PM	1241
1:00 PM	1279
2:00 PM	1384
3:00 PM	1420
4:00 PM	1814
5:00 PM	2057
6:00 PM	1608
7:00 PM	777
8:00 PM	611
9:00 PM	596
10:00 PM	295
11:00 PM	135
Total	20886



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Harvard Avenue - Culver Drive

File Name 365
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	158			8	152				
12:15	14	155			8	145				
12:30	11	154			4	167				
12:45	9	142	50	608	6	178	25	641	75	1249
1:00	7	162			4	142				
1:15	7	161			4	134				
1:30	4	155			2	157				
1:45	5	155	22	632	2	173	11	605	33	1237
2:00	6	212			4	133				
2:15	5	163			3	127				
2:30	4	183			5	162				
2:45	7	199	22	757	4	151	15	573	37	1329
3:00	2	217			2	127				
3:15	2	249			3	162				
3:30	2	220			2	143				
3:45	1	228	6	912	3	145	10	576	16	1488
4:00	3	281			2	137				
4:15	4	272			3	160				
4:30	3	319			4	165				
4:45	6	309	15	1181	13	186	22	647	36	1828
5:00	6	401			16	135				
5:15	6	357			36	175				
5:30	10	331			37	168				
5:45	12	288	33	1376	55	200	144	678	176	2054
6:00	23	304			56	161				
6:15	34	297			73	163				
6:30	40	229			88	153				
6:45	36	186	132	1016	114	114	329	591	461	1606
7:00	42	148			124	75				
7:15	71	132			160	75				
7:30	126	108			291	64				
7:45	125	99	364	487	346	64	920	278	1284	765
8:00	125	107			306	46				
8:15	150	94			310	52				
8:30	122	97			412	48				
8:45	141	84	538	381	339	45	1365	191	1903	572
9:00	115	77			323	41				
9:15	125	78			274	39				
9:30	104	97			273	47				
9:45	84	99	427	350	216	36	1084	163	1511	513
10:00	103	68			173	34				
10:15	91	45			164	23				
10:30	98	41			163	21				
10:45	110	29	401	182	199	17	698	94	1099	276
11:00	127	32			142	14				
11:15	110	20			144	12				
11:30	130	20			139	14				
11:45	138	16	505	88	167	12	591	51	1095	139
Totals	2513	7967			5211	5086				
Combined Totals		10479				10297				
ADT										20776
AM Peak Hour	800	AM			815	AM				
Volume	538				1382					
P.H.F.	0.896				0.840					
PM Peak Hour		445	PM			515	PM			
Volume		1398				704				
P.H.F.		0.871				0.882				
Percentage	24.0%	76.0%			50.6%	49.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 370
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	31	338			26	371				
12:15	25	336			20	374				
12:30	20	323			16	346				
12:45	18	365	94	1362	18	335	80	1426	174	2788
1:00	9	329			9	298				
1:15	17	313			8	336				
1:30	20	338			7	329				
1:45	5	398	51	1378	7	361	31	1324	82	2702
2:00	5	380			12	343				
2:15	6	442			11	310				
2:30	9	507			4	362				
2:45	7	416	27	1745	10	401	37	1416	64	3161
3:00	8	433			7	394				
3:15	6	481			5	397				
3:30	5	529			4	440				
3:45	4	557	23	2000	8	366	24	1597	47	3597
4:00	7	587			9	381				
4:15	22	529			7	388				
4:30	16	554			20	455				
4:45	24	625	69	2295	27	423	63	1647	132	3942
5:00	21	637			39	420				
5:15	37	664			46	416				
5:30	49	695			61	431				
5:45	60	605	167	2601	97	387	243	1654	410	4255
6:00	64	629			98	449				
6:15	79	475			120	390				
6:30	130	462			168	343				
6:45	135	402	408	1968	255	280	641	1462	1049	3430
7:00	197	334			281	222				
7:15	248	276			402	226				
7:30	346	212			547	198				
7:45	439	223	1230	1045	569	180	1799	826	3029	1871
8:00	453	218			606	181				
8:15	488	216			520	168				
8:30	535	190			546	154				
8:45	449	182	1925	806	579	164	2251	667	4176	1473
9:00	398	143			496	151				
9:15	363	169			455	146				
9:30	366	134			385	145				
9:45	343	125	1470	571	331	104	1667	546	3137	1117
10:00	288	108			309	80				
10:15	297	93			304	80				
10:30	280	63			343	59				
10:45	328	63	1193	327	339	48	1295	267	2488	594
11:00	298	54			292	38				
11:15	292	39			321	41				
11:30	304	46			281	28				
11:45	314	43	1208	182	309	28	1203	135	2411	317
Totals	7865	16280			9334	12967				
Combined Totals		24145				22301				
ADT										46446
AM Peak Hour	800	AM			800	AM				
Volume	1925				2251					
P.H.F.	0.900				0.929					
PM Peak Hour		445	PM			430	PM			
Volume		2621				1714				
P.H.F.		0.943				0.942				
Percentage	32.6%	67.4%			41.9%	58.1%				

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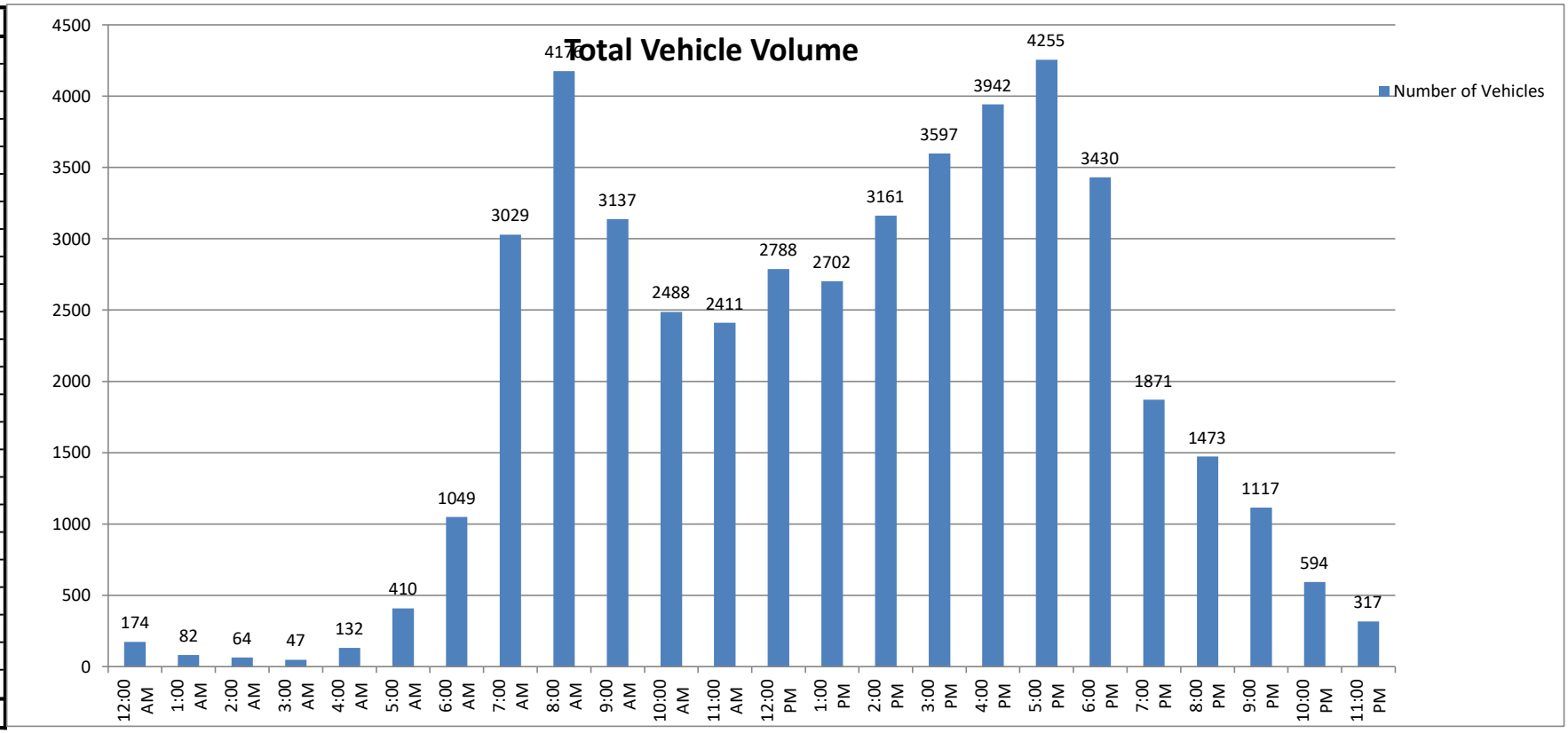
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Michelson Drive - Southbound Interstate 405
1/30/2024

Start Time	1/30/2024
12:00 AM	174
1:00 AM	82
2:00 AM	64
3:00 AM	47
4:00 AM	132
5:00 AM	410
6:00 AM	1049
7:00 AM	3029
8:00 AM	4176
9:00 AM	3137
10:00 AM	2488
11:00 AM	2411
12:00 PM	2788
1:00 PM	2702
2:00 PM	3161
3:00 PM	3597
4:00 PM	3942
5:00 PM	4255
6:00 PM	3430
7:00 PM	1871
8:00 PM	1473
9:00 PM	1117
10:00 PM	594
11:00 PM	317
Total	46446



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
University Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 370
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	33	352			24	331				
12:15	36	367			25	376				
12:30	16	375			22	363				
12:45	18	361	103	1455	9	410	80	1480	183	2935
1:00	15	403			9	365				
1:15	22	442			16	346				
1:30	13	380			8	342				
1:45	11	434	61	1659	12	401	45	1454	106	3113
2:00	9	453			10	385				
2:15	7	483			4	382				
2:30	9	491			6	359				
2:45	7	458	32	1885	13	414	33	1540	65	3425
3:00	10	496			8	370				
3:15	8	499			9	374				
3:30	5	535			4	379				
3:45	7	554	30	2084	3	420	24	1543	54	3627
4:00	5	522			7	409				
4:15	17	590			12	388				
4:30	18	590			19	440				
4:45	27	570	67	2272	28	445	66	1682	133	3954
5:00	25	666			28	464				
5:15	28	617			55	469				
5:30	50	647			55	439				
5:45	66	624	169	2554	84	434	222	1806	391	4360
6:00	69	627			119	383				
6:15	90	528			117	414				
6:30	126	458			160	364				
6:45	145	392	430	2005	251	342	647	1503	1077	3508
7:00	183	323			245	255				
7:15	225	290			326	248				
7:30	321	256			528	214				
7:45	409	224	1138	1093	551	214	1650	931	2788	2024
8:00	419	207			647	190				
8:15	523	202			559	190				
8:30	585	178			537	176				
8:45	503	200	2030	787	508	193	2251	749	4281	1536
9:00	368	198			490	157				
9:15	347	189			439	159				
9:30	332	182			400	149				
9:45	307	189	1354	758	352	126	1681	591	3035	1349
10:00	316	160			325	90				
10:15	275	98			341	61				
10:30	288	102			329	79				
10:45	380	55	1259	415	339	61	1334	291	2593	706
11:00	336	59			305	57				
11:15	338	51			304	47				
11:30	317	51			353	42				
11:45	281	41	1272	202	366	22	1328	168	2600	370
Totals	7945	17169			9361	13738				
Combined Totals		25114				23099				
ADT										48213
AM Peak Hour	800	AM			745	AM				
Volume	2030				2294					
P.H.F.	0.868				0.886					
PM Peak Hour		500	PM			430	PM			
Volume		2554				1818				
P.H.F.		0.959				0.969				
Percentage	31.6%	68.4%			40.5%	59.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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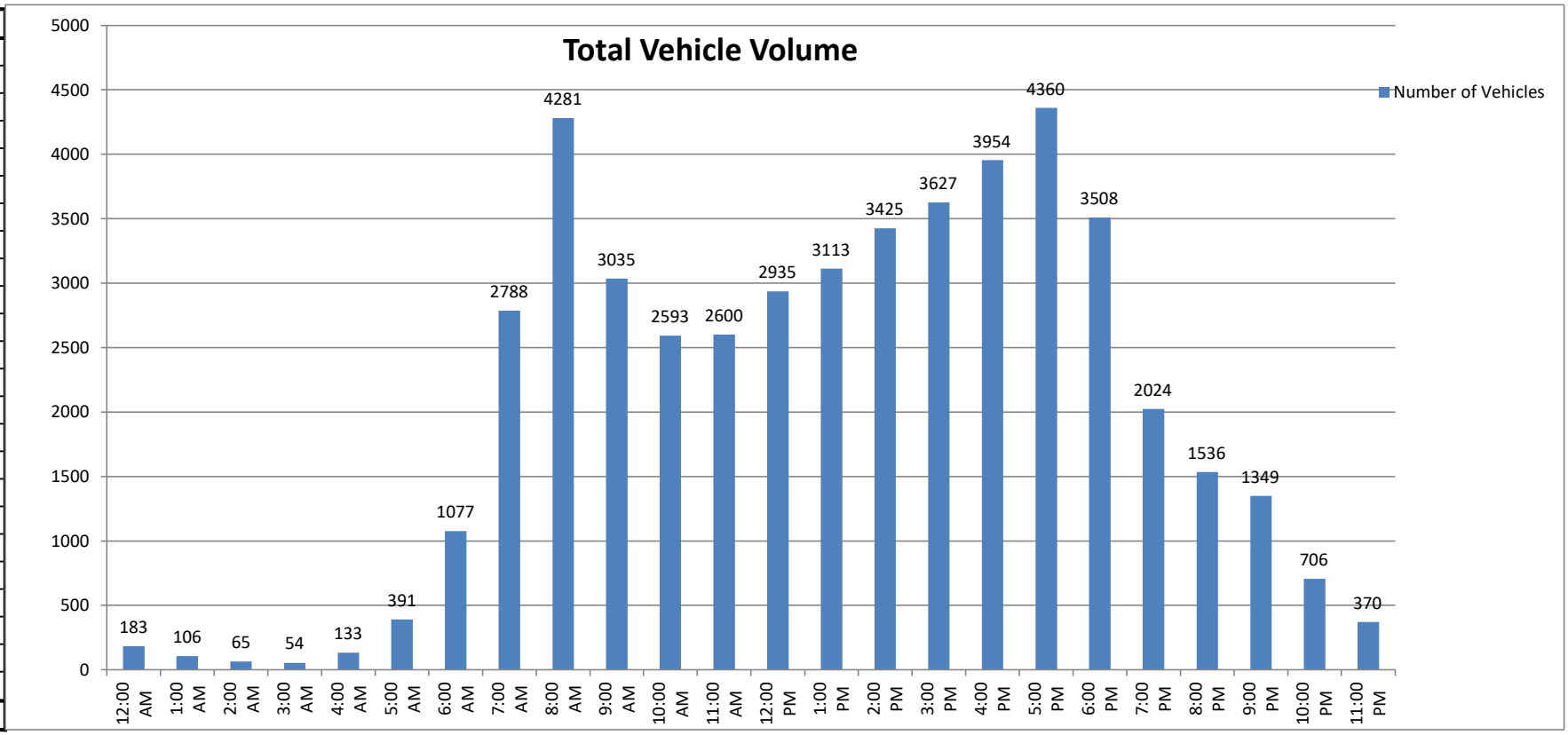
24 Hour Volume Plot

University Drive
B/ Michelson Drive - Southbound Interstate 405
1/31/2024

Start Time	1/31/2024
12:00 AM	183
1:00 AM	106
2:00 AM	65
3:00 AM	54
4:00 AM	133
5:00 AM	391
6:00 AM	1077
7:00 AM	2788
8:00 AM	4281
9:00 AM	3035
10:00 AM	2593
11:00 AM	2600
12:00 PM	2935
1:00 PM	3113
2:00 PM	3425
3:00 PM	3627
4:00 PM	3954
5:00 PM	4360
6:00 PM	3508
7:00 PM	2024
8:00 PM	1536
9:00 PM	1349
10:00 PM	706
11:00 PM	370
Total	48213



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Michelson Drive - Southbound Interstate 405

File Name 370
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	345			25	351				
12:15	31	352			23	375				
12:30	18	349			19	355				
12:45	18	363	99	1409	14	373	80	1453	179	2862
1:00	12	366			9	332				
1:15	20	378			12	341				
1:30	17	359			8	336				
1:45	8	416	56	1519	10	381	38	1389	94	2908
2:00	7	417			11	364				
2:15	7	463			8	346				
2:30	9	499			5	361				
2:45	7	437	30	1815	12	408	35	1478	65	3293
3:00	9	465			8	382				
3:15	7	490			7	386				
3:30	5	532			4	410				
3:45	6	556	27	2042	6	393	24	1570	51	3612
4:00	6	555			8	395				
4:15	20	560			10	388				
4:30	17	572			20	448				
4:45	26	598	68	2284	28	434	65	1665	133	3948
5:00	23	652			34	442				
5:15	33	641			51	443				
5:30	50	671			58	435				
5:45	63	615	168	2578	91	411	233	1730	401	4308
6:00	67	628			109	416				
6:15	85	502			119	402				
6:30	128	460			164	354				
6:45	140	397	419	1987	253	311	644	1483	1063	3469
7:00	190	329			263	239				
7:15	237	283			364	237				
7:30	334	234			538	206				
7:45	424	224	1184	1069	560	197	1725	879	2909	1948
8:00	436	213			627	186				
8:15	506	209			540	179				
8:30	560	184			542	165				
8:45	476	191	1978	797	544	179	2251	708	4229	1505
9:00	383	171			493	154				
9:15	355	179			447	153				
9:30	349	158			393	147				
9:45	325	157	1412	665	342	115	1674	569	3086	1233
10:00	302	134			317	85				
10:15	286	96			323	71				
10:30	284	83			336	69				
10:45	354	59	1226	371	339	55	1315	279	2541	650
11:00	317	57			299	48				
11:15	315	45			313	44				
11:30	311	49			317	35				
11:45	298	42	1240	192	338	25	1266	152	2506	344
Totals	7905	16725			9348	13353				
Combined Totals		24630				22700				
ADT										47330
AM Peak Hour	800	AM			745	AM				
Volume	1978				2268					
P.H.F.	0.883				0.905					
PM Peak Hour		500	PM			430	PM			
Volume		2578				1766				
P.H.F.		0.960				0.987				
Percentage	32.1%	67.9%			41.2%	58.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
University Drive
B/ Ridgeline Drive - Michelson Drive

File Name 369
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	26	273			25	289				
12:15	22	272			13	283				
12:30	16	289			15	320				
12:45	17	294	81	1128	9	261	62	1153	143	2281
1:00	12	280			9	268				
1:15	14	263			5	256				
1:30	17	275			7	312				
1:45	4	321	47	1139	7	304	28	1140	75	2279
2:00	4	346			7	315				
2:15	4	426			12	291				
2:30	9	426			4	266				
2:45	8	371	25	1569	8	319	31	1191	56	2760
3:00	6	351			5	357				
3:15	6	427			3	322				
3:30	4	443			3	367				
3:45	1	490	17	1711	7	290	18	1336	35	3047
4:00	7	486			9	336				
4:15	16	479			4	330				
4:30	13	486			10	392				
4:45	20	559	56	2010	23	359	46	1417	102	3427
5:00	17	559			30	370				
5:15	32	587			38	352				
5:30	43	565			57	393				
5:45	44	505	136	2216	83	314	208	1429	344	3645
6:00	55	532			85	410				
6:15	64	434			102	331				
6:30	106	382			150	287				
6:45	117	344	342	1692	216	221	553	1249	895	2941
7:00	153	286			240	170				
7:15	210	233			337	200				
7:30	294	182			507	164				
7:45	370	197	1027	898	522	148	1606	682	2633	1580
8:00	410	205			541	138				
8:15	449	169			461	144				
8:30	462	177			420	134				
8:45	350	174	1671	725	531	129	1953	545	3624	1270
9:00	325	120			458	128				
9:15	319	159			395	138				
9:30	322	124			332	118				
9:45	280	112	1246	515	278	79	1463	463	2709	978
10:00	270	113			256	72				
10:15	235	74			243	65				
10:30	270	55			287	49				
10:45	268	59	1043	301	332	48	1118	234	2161	535
11:00	252	47			212	32				
11:15	237	37			283	33				
11:30	238	44			237	25				
11:45	281	40	1008	168	277	24	1009	114	2017	282
Totals	6699	14072			8095	10953				
Combined Totals		20771				19048				
ADT										39819
AM Peak Hour	745	AM			730	AM				
Volume	1691				2031					
P.H.F.	0.915				0.939					
PM Peak Hour		445	PM			445	PM			
Volume		2270				1474				
P.H.F.		0.967				0.938				
Percentage	32.3%	67.7%			42.5%	57.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

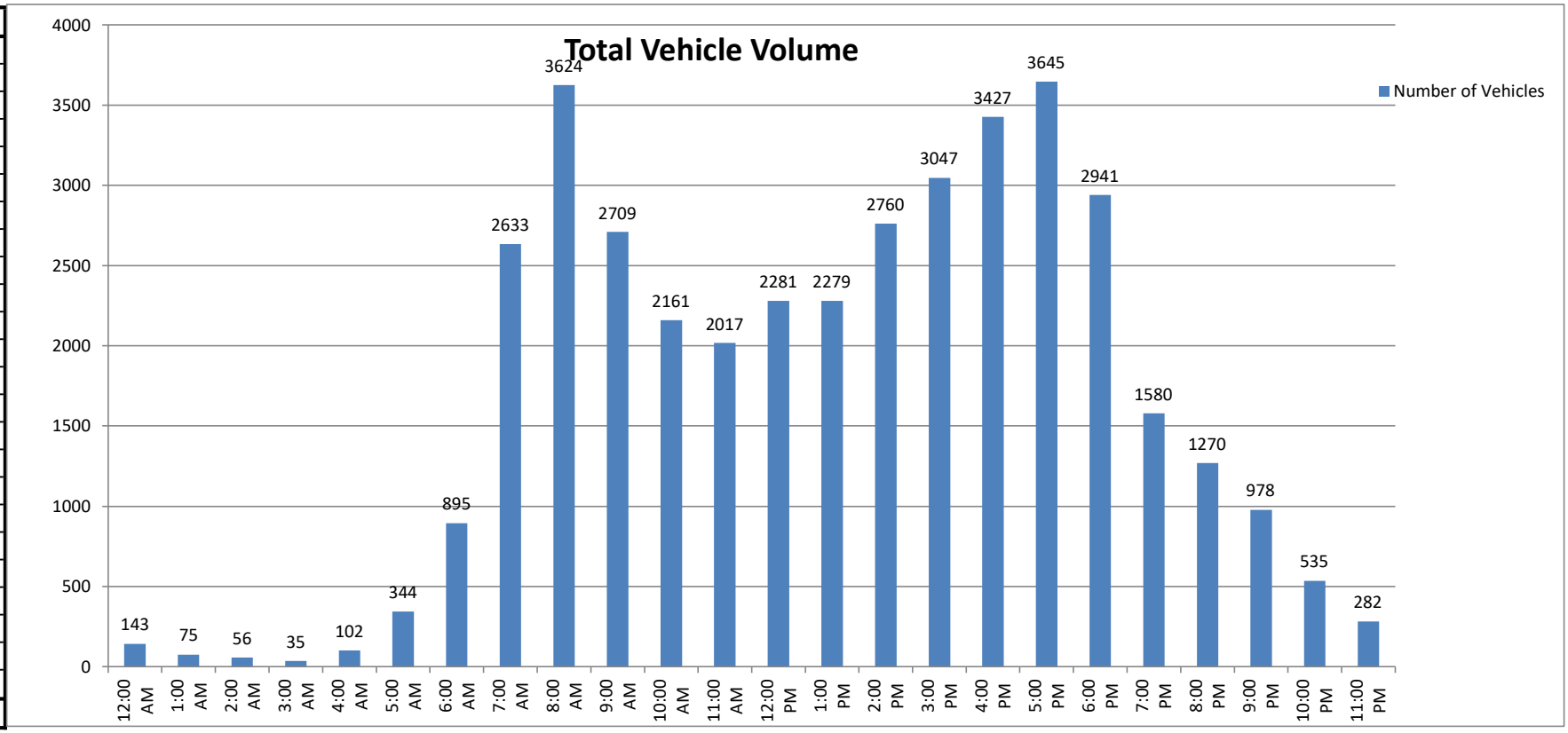
24 Hour Volume Plot

University Drive

B/ Ridgeline Drive - Michelson Drive

1/30/2024

Start Time	1/30/2024
12:00 AM	143
1:00 AM	75
2:00 AM	56
3:00 AM	35
4:00 AM	102
5:00 AM	344
6:00 AM	895
7:00 AM	2633
8:00 AM	3624
9:00 AM	2709
10:00 AM	2161
11:00 AM	2017
12:00 PM	2281
1:00 PM	2279
2:00 PM	2760
3:00 PM	3047
4:00 PM	3427
5:00 PM	3645
6:00 PM	2941
7:00 PM	1580
8:00 PM	1270
9:00 PM	978
10:00 PM	535
11:00 PM	282
Total	39819



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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
University Drive
B/ Ridgeline Drive - Michelson Drive

File Name 369
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	32	293			21	277				
12:15	30	321			21	318				
12:30	14	301			16	349				
12:45	15	303	91	1218	8	350	66	1294	157	2512
1:00	15	358			9	320				
1:15	18	388			13	270				
1:30	13	329			6	293				
1:45	11	354	57	1429	14	320	42	1203	99	2632
2:00	9	400			10	312				
2:15	6	441			3	330				
2:30	8	398			7	285				
2:45	5	413	28	1652	10	346	30	1273	58	2925
3:00	8	395			7	294				
3:15	8	442			5	304				
3:30	4	441			3	352				
3:45	4	463	24	1741	4	313	19	1263	43	3004
4:00	2	484			6	368				
4:15	12	489			6	324				
4:30	10	513			17	388				
4:45	24	507	48	1993	19	333	48	1413	96	3406
5:00	21	540			26	414				
5:15	23	517			41	383				
5:30	36	540			50	404				
5:45	45	536	125	2133	73	361	190	1562	315	3695
6:00	53	523			101	354				
6:15	74	459			91	361				
6:30	115	388			135	312				
6:45	126	352	368	1722	217	272	544	1299	912	3021
7:00	138	297			215	214				
7:15	204	233			299	191				
7:30	289	230			457	192				
7:45	352	185	983	945	522	175	1493	772	2476	1717
8:00	354	185			538	163				
8:15	436	186			497	162				
8:30	525	150			491	146				
8:45	430	187	1745	708	470	151	1996	622	3741	1330
9:00	320	178			417	136				
9:15	289	174			353	128				
9:30	290	189			357	122				
9:45	249	153	1148	694	315	104	1442	490	2590	1184
10:00	264	136			270	66				
10:15	225	96			286	49				
10:30	249	93			278	64				
10:45	306	52	1044	377	287	50	1121	229	2165	606
11:00	271	57			242	42				
11:15	297	46			263	38				
11:30	250	44			267	32				
11:45	253	36	1071	183	308	22	1080	134	2151	317
Totals	6732	14795			8071	11554				
Combined Totals		21527				19625				
ADT										41152
AM Peak Hour	800	AM			745	AM				
Volume	1745				2048					
P.H.F.	0.831				0.952					
PM Peak Hour		500	PM			500	PM			
Volume		2133				1562				
P.H.F.		0.988				0.943				
Percentage	31.3%	68.7%			41.1%	58.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

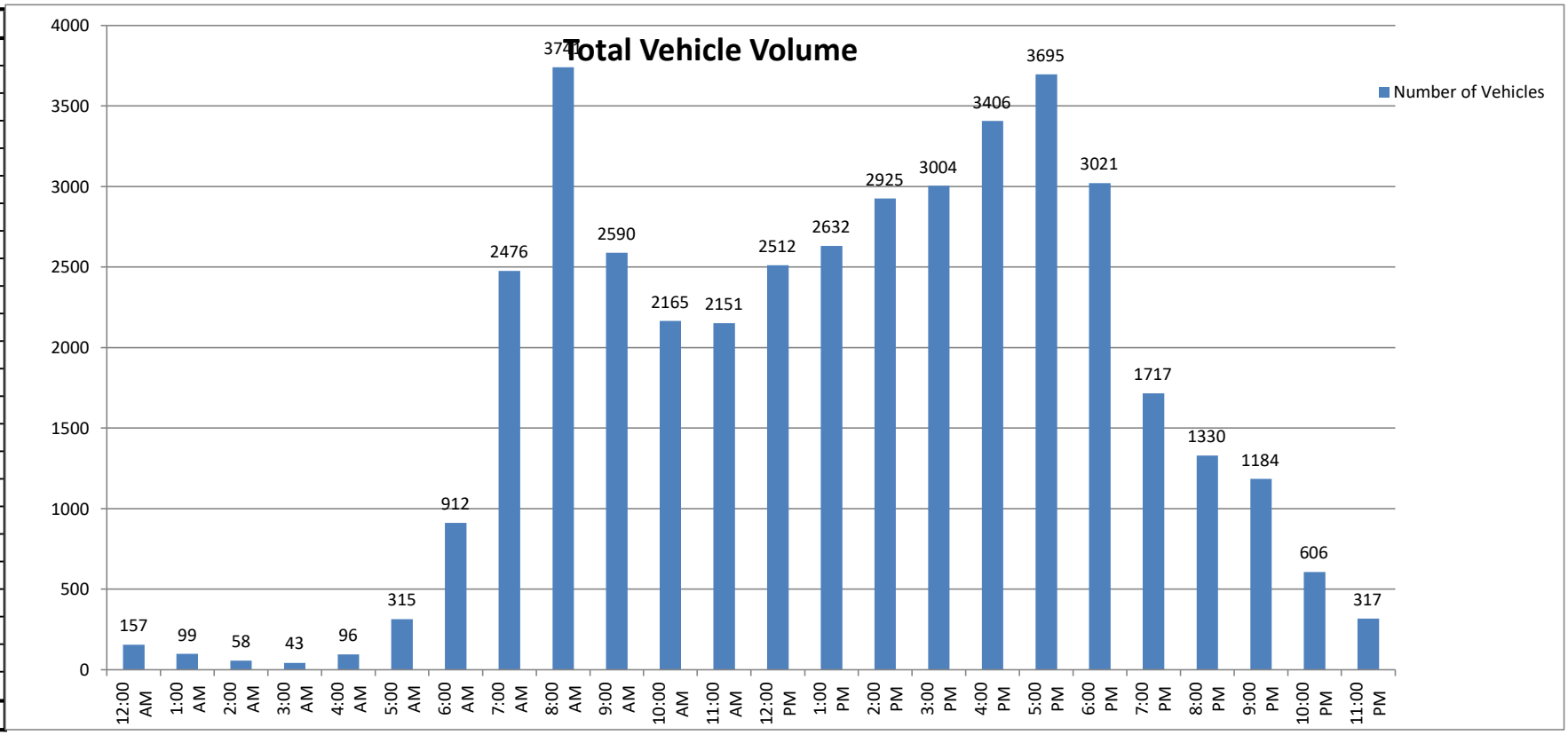
24 Hour Volume Plot

University Drive

B/ Ridgeline Drive - Michelson Drive

1/31/2024

Start Time	1/31/2024
12:00 AM	157
1:00 AM	99
2:00 AM	58
3:00 AM	43
4:00 AM	96
5:00 AM	315
6:00 AM	912
7:00 AM	2476
8:00 AM	3741
9:00 AM	2590
10:00 AM	2165
11:00 AM	2151
12:00 PM	2512
1:00 PM	2632
2:00 PM	2925
3:00 PM	3004
4:00 PM	3406
5:00 PM	3695
6:00 PM	3021
7:00 PM	1717
8:00 PM	1330
9:00 PM	1184
10:00 PM	606
11:00 PM	317
Total	41152



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Ridgeline Drive - Michelson Drive

File Name 369
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	29	283			23	283				
12:15	26	297			17	301				
12:30	15	295			16	335				
12:45	16	299	86	1173	9	306	64	1224	150	2397
1:00	14	319			9	294				
1:15	16	326			9	263				
1:30	15	302			7	303				
1:45	8	338	52	1284	11	312	35	1172	87	2456
2:00	7	373			9	314				
2:15	5	434			8	311				
2:30	9	412			6	276				
2:45	7	392	27	1611	9	333	31	1232	57	2843
3:00	7	373			6	326				
3:15	7	435			4	313				
3:30	4	442			3	360				
3:45	3	477	21	1726	6	302	19	1300	39	3026
4:00	5	485			8	352				
4:15	14	484			5	327				
4:30	12	500			14	390				
4:45	22	533	52	2002	21	346	47	1415	99	3417
5:00	19	550			28	392				
5:15	28	552			40	368				
5:30	40	553			54	399				
5:45	45	521	131	2175	78	338	199	1496	330	3670
6:00	54	528			93	382				
6:15	69	447			97	346				
6:30	111	385			143	300				
6:45	122	348	355	1707	217	247	549	1274	904	2981
7:00	146	292			228	192				
7:15	207	233			318	196				
7:30	292	206			482	178				
7:45	361	191	1005	922	522	162	1550	727	2555	1649
8:00	382	195			540	151				
8:15	443	178			479	153				
8:30	494	164			456	140				
8:45	390	181	1708	717	501	140	1975	584	3683	1300
9:00	323	149			438	132				
9:15	304	167			374	133				
9:30	306	157			345	120				
9:45	265	133	1197	605	297	92	1453	477	2650	1081
10:00	267	125			263	69				
10:15	230	85			265	57				
10:30	260	74			283	57				
10:45	287	56	1044	339	310	49	1120	232	2163	571
11:00	262	52			227	37				
11:15	267	42			273	36				
11:30	244	44			252	29				
11:45	267	38	1040	176	293	23	1045	124	2084	300
Totals	6716	14434			8083	11254				
Combined Totals		21149				19337				
ADT										40486
AM Peak Hour	800	AM			730	AM				
Volume	1708				2023					
P.H.F.	0.865				0.937					
PM Peak Hour		445	PM			445	PM			
Volume		2187				1504				
P.H.F.		0.990				0.944				
Percentage	31.8%	68.2%			41.8%	58.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Yale Avenue - Ridgeline Drive

File Name 368
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	192			17	211				
12:15	24	212			10	211				
12:30	13	185			10	236				
12:45	18	243	76	832	6	193	43	851	119	1683
1:00	7	190			7	188				
1:15	14	187			6	193				
1:30	13	198			6	206				
1:45	3	206	37	781	6	222	25	809	62	1590
2:00	4	252			5	179				
2:15	3	305			6	203				
2:30	8	301			3	179				
2:45	8	255	23	1113	4	216	18	777	41	1890
3:00	4	285			3	286				
3:15	4	324			1	223				
3:30	1	340			2	267				
3:45	1	359	10	1308	6	218	12	994	22	2302
4:00	6	377			8	231				
4:15	8	365			5	252				
4:30	7	387			8	308				
4:45	8	453	29	1582	19	295	40	1086	69	2668
5:00	11	484			22	235				
5:15	18	496			29	261				
5:30	18	477			43	294				
5:45	26	427	73	1884	56	227	150	1017	223	2901
6:00	36	467			66	277				
6:15	42	382			87	249				
6:30	68	364			122	208				
6:45	70	279	216	1492	155	145	430	879	646	2371
7:00	91	221			166	98				
7:15	130	182			249	113				
7:30	181	134			404	104				
7:45	231	148	633	685	419	89	1238	404	1871	1089
8:00	271	158			392	73				
8:15	308	121			366	76				
8:30	301	128			370	80				
8:45	260	125	1140	532	425	89	1553	318	2693	850
9:00	206	109			407	80				
9:15	216	128			370	77				
9:30	208	95			279	68				
9:45	170	97	800	429	228	57	1284	282	2084	711
10:00	161	100			185	48				
10:15	149	62			186	40				
10:30	166	52			195	31				
10:45	170	47	646	261	249	34	815	153	1461	414
11:00	187	46			154	20				
11:15	162	38			191	18				
11:30	160	37			178	20				
11:45	209	30	718	151	178	15	701	73	1419	224
Totals	4401	11050			6309	7643				
Combined Totals		15451				13952				
ADT										29403
AM Peak Hour	800	AM			730	AM				
Volume	1140				1581					
P.H.F.	0.925				0.943					
PM Peak Hour		445	PM			430	PM			
Volume		1910				1099				
P.H.F.		0.963				0.892				
Percentage	28.5%	71.5%			45.2%	54.8%				

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Counts Unlimited, Inc.
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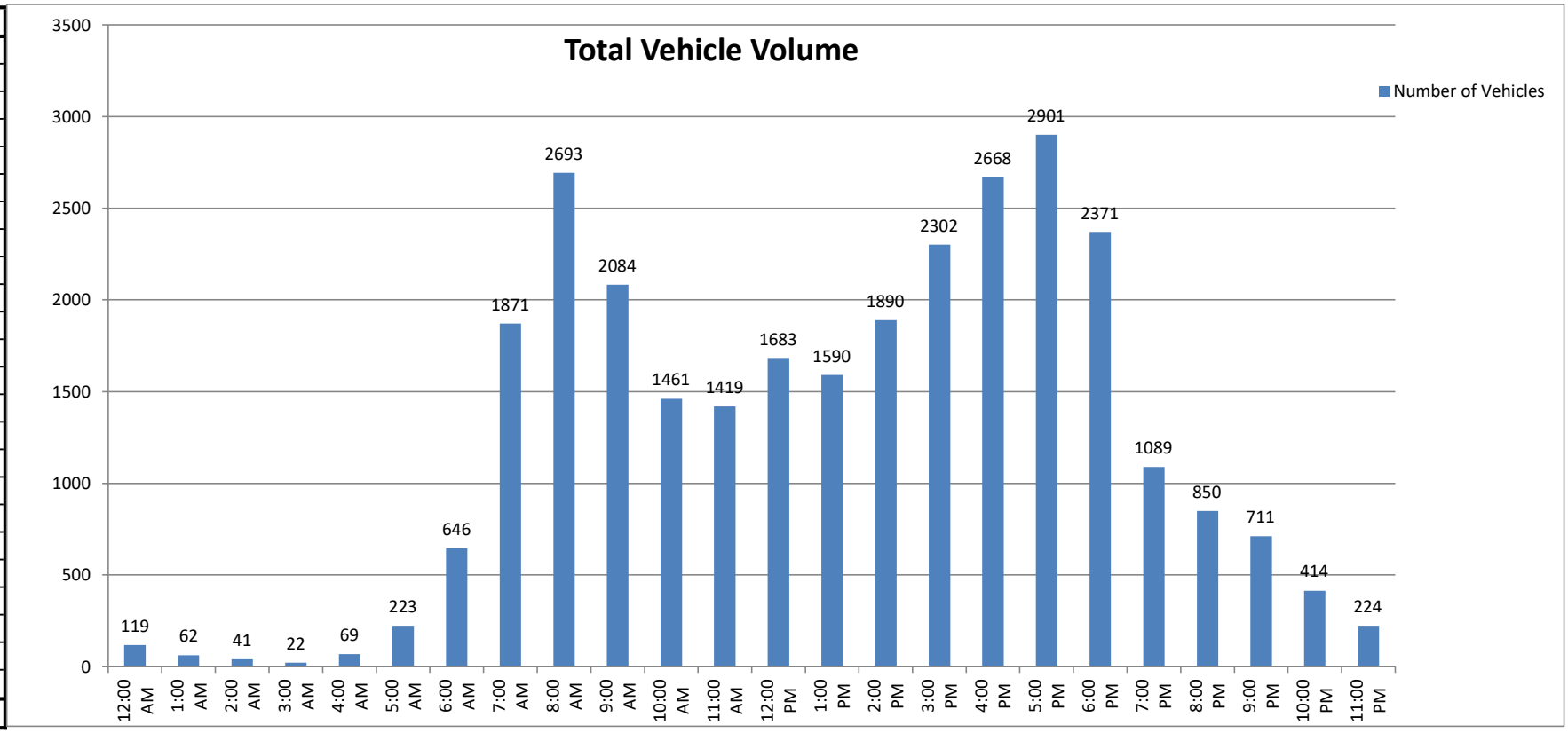
Corona, CA 92878

24 Hour Volume Plot

University Drive
B/ Yale Avenue - Ridgeline Drive

1/30/2024

Start Time	1/30/2024
12:00 AM	119
1:00 AM	62
2:00 AM	41
3:00 AM	22
4:00 AM	69
5:00 AM	223
6:00 AM	646
7:00 AM	1871
8:00 AM	2693
9:00 AM	2084
10:00 AM	1461
11:00 AM	1419
12:00 PM	1683
1:00 PM	1590
2:00 PM	1890
3:00 PM	2302
4:00 PM	2668
5:00 PM	2901
6:00 PM	2371
7:00 PM	1089
8:00 PM	850
9:00 PM	711
10:00 PM	414
11:00 PM	224
Total	29403



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
University Drive
B/ Yale Avenue - Ridgeline Drive

File Name 368
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	24	203			12	199				
12:15	26	238			9	220				
12:30	13	213			14	234				
12:45	13	232	76	886	8	234	43	887	119	1773
1:00	15	262			7	208				
1:15	17	261			11	195				
1:30	8	222			4	208				
1:45	11	235	51	980	13	243	35	854	86	1834
2:00	8	280			9	215				
2:15	5	311			2	220				
2:30	8	313			4	220				
2:45	4	295	25	1199	6	222	21	877	46	2076
3:00	5	327			0	221				
3:15	4	324			5	212				
3:30	3	328			2	240				
3:45	3	344	15	1323	3	232	10	905	25	2228
4:00	2	392			4	241				
4:15	8	392			5	236				
4:30	2	419			13	287				
4:45	12	424	24	1627	17	261	39	1025	63	2652
5:00	12	453			19	284				
5:15	8	455			37	316				
5:30	21	466			37	291				
5:45	28	449	69	1823	50	293	143	1184	212	3007
6:00	38	391			71	267				
6:15	52	392			83	303				
6:30	66	339			108	222				
6:45	70	251	226	1373	171	179	433	971	659	2344
7:00	82	244			148	131				
7:15	130	200			209	117				
7:30	174	193			367	119				
7:45	231	143	617	780	404	98	1128	465	1745	1245
8:00	229	147			358	96				
8:15	308	151			415	100				
8:30	354	135			413	79				
8:45	290	149	1181	582	425	84	1611	359	2792	941
9:00	206	147			353	74				
9:15	194	142			299	72				
9:30	167	177			292	74				
9:45	156	149	723	615	268	64	1212	284	1935	899
10:00	149	124			195	45				
10:15	161	82			210	32				
10:30	148	78			207	43				
10:45	184	48	642	332	215	21	827	141	1469	473
11:00	191	54			178	25				
11:15	185	37			171	21				
11:30	175	41			208	20				
11:45	165	26	716	158	199	16	756	82	1472	240
Totals	4365	11678			6258	8034				
Combined Totals		16043				14292				
ADT										30335
AM Peak Hour	800	AM			800	AM				
Volume	1181				1611					
P.H.F.	0.834				0.948					
PM Peak Hour		500	PM			500	PM			
Volume		1823				1184				
P.H.F.		0.978				0.937				
Percentage	27.2%	72.8%			43.8%	56.2%				

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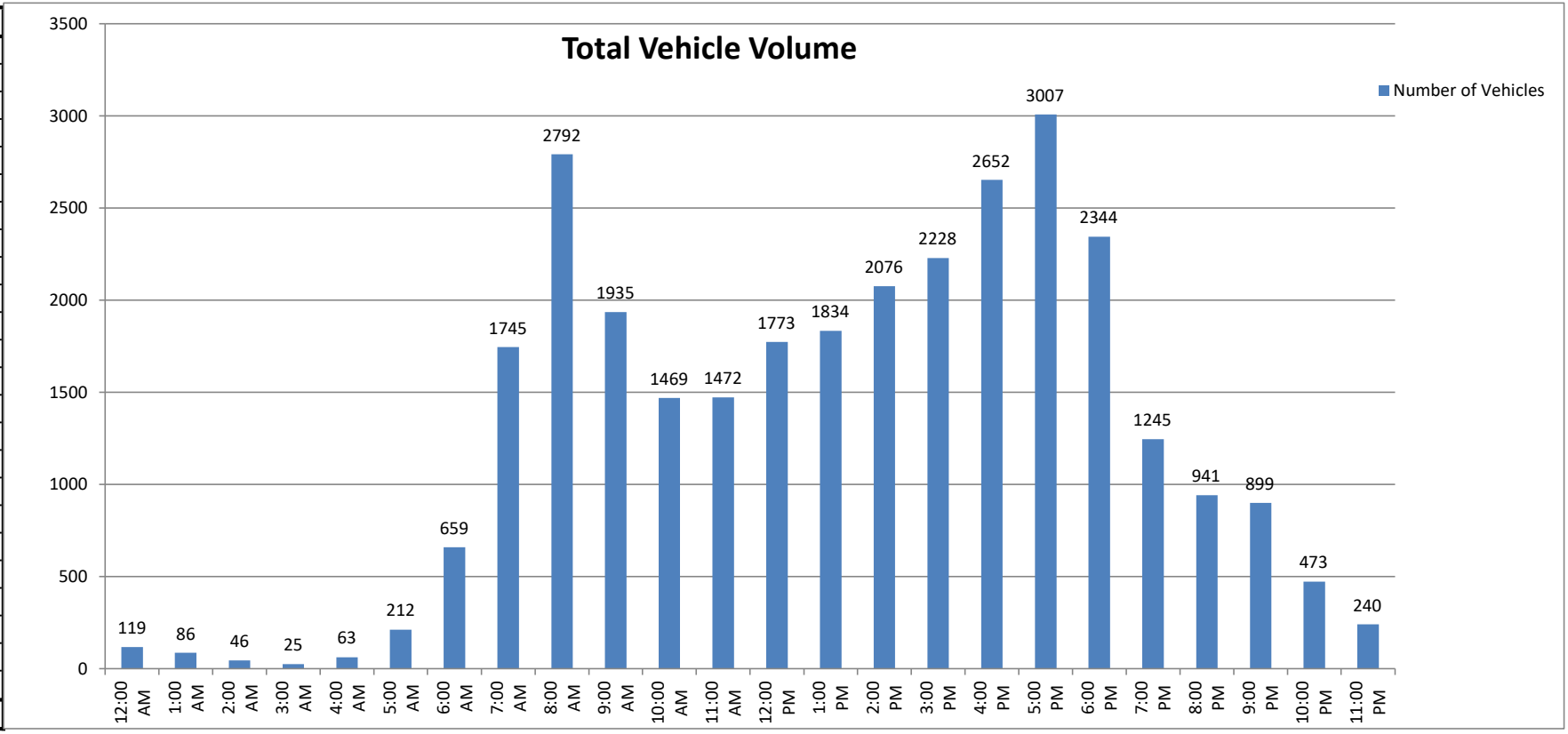
24 Hour Volume Plot

University Drive
B/ Yale Avenue - Ridgeline Drive

1/31/2024

Start Time	1/31/2024
12:00 AM	119
1:00 AM	86
2:00 AM	46
3:00 AM	25
4:00 AM	63
5:00 AM	212
6:00 AM	659
7:00 AM	1745
8:00 AM	2792
9:00 AM	1935
10:00 AM	1469
11:00 AM	1472
12:00 PM	1773
1:00 PM	1834
2:00 PM	2076
3:00 PM	2228
4:00 PM	2652
5:00 PM	3007
6:00 PM	2344
7:00 PM	1245
8:00 PM	941
9:00 PM	899
10:00 PM	473
11:00 PM	240
Total	30335



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
University Drive
B/ Yale Avenue - Ridgeline Drive

File Name 368
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	23	198			15	205				
12:15	25	225			10	216				
12:30	13	199			12	235				
12:45	16	238	76	859	7	214	43	869	119	1728
1:00	11	226			7	198				
1:15	16	224			9	194				
1:30	11	210			5	207				
1:45	7	221	44	881	10	233	30	832	74	1712
2:00	6	266			7	197				
2:15	4	308			4	212				
2:30	8	307			4	200				
2:45	6	275	24	1156	5	219	20	827	44	1983
3:00	5	306			2	254				
3:15	4	324			3	218				
3:30	2	334			2	254				
3:45	2	352	13	1316	5	225	11	950	24	2265
4:00	4	385			6	236				
4:15	8	379			5	244				
4:30	5	403			11	298				
4:45	10	439	27	1605	18	278	40	1056	66	2660
5:00	12	469			21	260				
5:15	13	476			33	289				
5:30	20	472			40	293				
5:45	27	438	71	1854	53	260	147	1101	218	2954
6:00	37	429			69	272				
6:15	47	387			85	276				
6:30	67	352			115	215				
6:45	70	265	221	1433	163	162	432	925	653	2358
7:00	87	233			157	115				
7:15	130	191			229	115				
7:30	178	164			386	112				
7:45	231	146	625	733	412	94	1183	435	1808	1167
8:00	250	153			375	85				
8:15	308	136			391	88				
8:30	328	132			392	80				
8:45	275	137	1161	557	425	87	1582	339	2743	896
9:00	206	128			380	77				
9:15	205	135			335	75				
9:30	188	136			286	71				
9:45	163	123	762	522	248	61	1248	283	2010	805
10:00	155	112			190	47				
10:15	155	72			198	36				
10:30	157	65			201	37				
10:45	177	48	644	297	232	28	821	147	1465	444
11:00	189	50			166	23				
11:15	174	38			181	20				
11:30	168	39			193	20				
11:45	187	28	717	155	189	16	729	78	1446	232
Totals	4383	11364			6284	7839				
Combined Totals		15747				14122				
ADT										29869
AM Peak Hour	800	AM			815	AM				
Volume	1161				1587					
P.H.F.	0.886				0.934					
PM Peak Hour		445	PM			430	PM			
Volume		1854				1124				
P.H.F.		0.975				0.944				
Percentage	27.8%	72.2%			44.5%	55.5%				

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City of Irvine
Valley Oak Drive
B/ Alton Parkway - Barranca Parkway

File Name 371
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	21			0	40				
12:15	3	30			2	49				
12:30	2	26			2	44				
12:45	1	42	9	119	3	38	7	171	16	290
1:00	0	35			0	37				
1:15	1	33			0	18				
1:30	1	34			0	36				
1:45	0	34	2	136	0	38	0	129	2	265
2:00	0	46			0	47				
2:15	2	41			2	36				
2:30	0	33			0	38				
2:45	2	54	4	174	1	48	3	169	7	343
3:00	2	44			1	35				
3:15	1	30			1	72				
3:30	0	32			0	50				
3:45	1	31	4	137	2	51	4	208	8	345
4:00	1	37			0	75				
4:15	2	36			1	68				
4:30	5	30			2	62				
4:45	4	43	12	146	0	62	3	267	15	413
5:00	6	49			3	92				
5:15	10	32			3	88				
5:30	5	44			1	71				
5:45	15	41	36	166	11	76	18	327	54	493
6:00	14	46			4	61				
6:15	7	27			4	61				
6:30	24	21			9	37				
6:45	21	29	66	123	23	41	40	200	106	323
7:00	39	30			20	46				
7:15	35	21			24	37				
7:30	47	21			24	40				
7:45	52	21	173	93	41	30	109	153	282	246
8:00	78	12			58	25				
8:15	72	17			44	16				
8:30	63	7			29	26				
8:45	67	12	280	48	33	22	164	89	444	137
9:00	51	14			32	17				
9:15	37	3			30	21				
9:30	38	6			28	19				
9:45	48	6	174	29	20	14	110	71	284	100
10:00	24	13			22	15				
10:15	35	5			18	12				
10:30	30	9			22	9				
10:45	31	4	120	31	19	2	81	38	201	69
11:00	38	1			37	5				
11:15	37	2			37	1				
11:30	28	2			27	4				
11:45	25	0	128	5	36	4	137	14	265	19
Totals	1008	1207			676	1836				
Combined Totals		2215				2512				
ADT										4727
AM Peak Hour	800 AM				745 AM					
Volume	280				172					
P.H.F.	0.897				0.741					
PM Peak Hour		200 PM				500 PM				
Volume		174				327				
P.H.F.		0.806				0.889				
Percentage	45.5%	54.5%			26.9%	73.1%				

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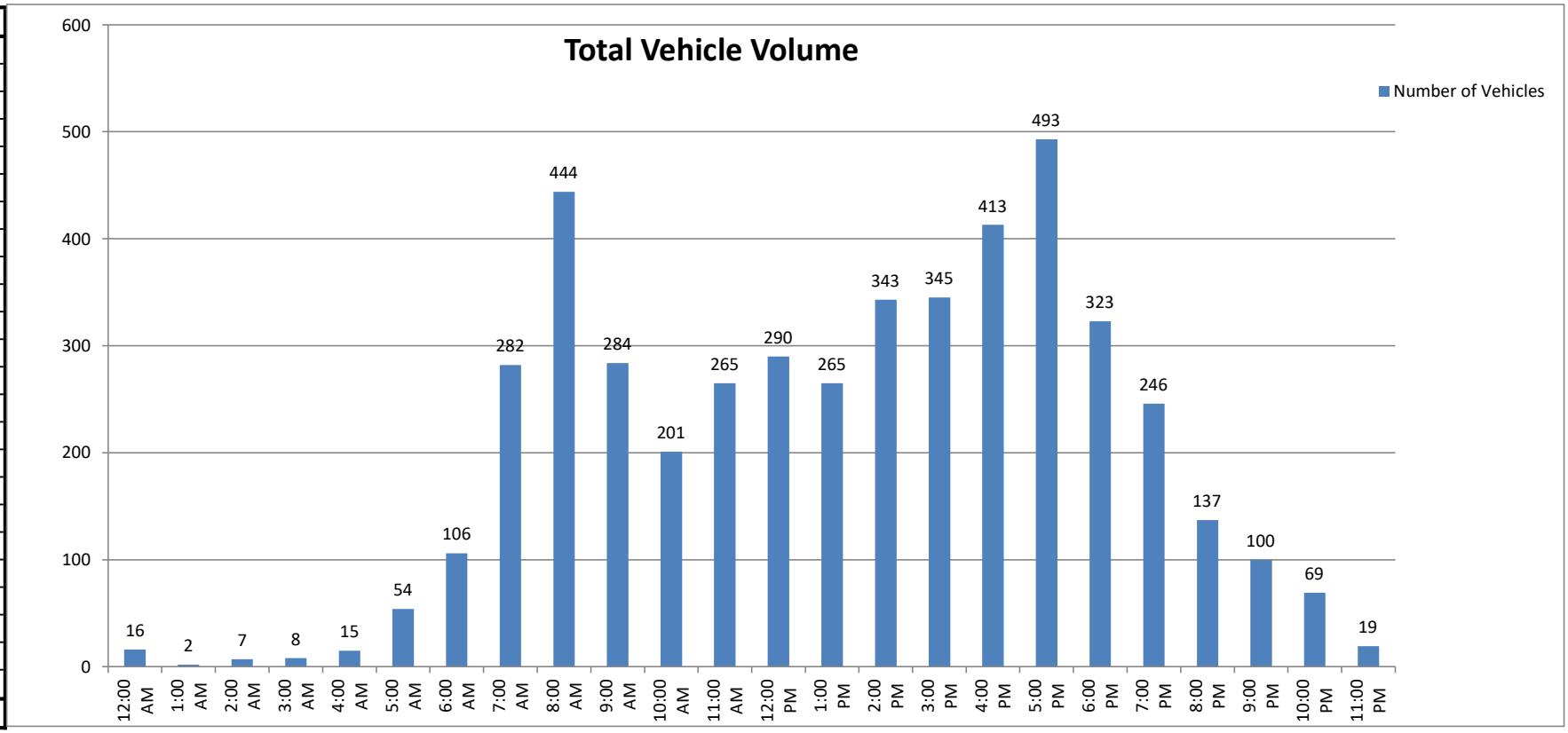
24 Hour Volume Plot

Valley Oak Drive

B/ Alton Parkway - Barranca Parkway

1/30/2024

Start Time	1/30/2024
12:00 AM	16
1:00 AM	2
2:00 AM	7
3:00 AM	8
4:00 AM	15
5:00 AM	54
6:00 AM	106
7:00 AM	282
8:00 AM	444
9:00 AM	284
10:00 AM	201
11:00 AM	265
12:00 PM	290
1:00 PM	265
2:00 PM	343
3:00 PM	345
4:00 PM	413
5:00 PM	493
6:00 PM	323
7:00 PM	246
8:00 PM	137
9:00 PM	100
10:00 PM	69
11:00 PM	19
Total	4727



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Valley Oak Drive
B/ Alton Parkway - Barranca Parkway

File Name 371
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	17			1	48				
12:15	1	25			1	38				
12:30	0	32			2	29				
12:45	0	32	4	106	0	39	4	154	8	260
1:00	0	37			1	34				
1:15	0	33			1	41				
1:30	0	48			1	32				
1:45	1	42	1	160	0	30	3	137	4	297
2:00	1	36			0	43				
2:15	0	33			0	33				
2:30	1	35			2	35				
2:45	1	27	3	131	0	44	2	155	5	286
3:00	0	34			2	48				
3:15	0	23			0	58				
3:30	0	29			0	50				
3:45	1	41	1	127	3	48	5	204	6	331
4:00	1	27			1	68				
4:15	1	27			0	59				
4:30	5	37			0	56				
4:45	4	41	11	132	0	66	1	249	12	381
5:00	1	37			4	84				
5:15	8	51			1	59				
5:30	7	40			6	74				
5:45	13	39	29	167	4	75	15	292	44	459
6:00	18	34			5	62				
6:15	6	37			5	54				
6:30	20	24			11	39				
6:45	22	33	66	128	12	40	33	195	99	323
7:00	28	36			15	47				
7:15	28	19			20	37				
7:30	43	20			30	35				
7:45	53	14	152	89	37	31	102	150	254	239
8:00	59	14			46	30				
8:15	67	17			46	29				
8:30	59	8			33	22				
8:45	85	11	270	50	30	23	155	104	425	154
9:00	64	12			28	28				
9:15	31	7			45	14				
9:30	37	7			26	19				
9:45	32	4	164	30	21	17	120	78	284	108
10:00	27	4			25	14				
10:15	20	6			28	9				
10:30	30	7			23	10				
10:45	29	1	106	18	26	3	102	36	208	54
11:00	23	3			33	6				
11:15	38	4			32	7				
11:30	22	0			39	4				
11:45	25	2	108	9	34	5	138	22	246	31
Totals	915	1147			680	1776				
Combined Totals		2062				2456				
ADT										4518
AM Peak Hour	815	AM			745	AM				
Volume	275				162					
P.H.F.	0.809				0.880					
PM Peak Hour		445	PM			500	PM			
Volume		169				292				
P.H.F.		0.828				0.869				
Percentage	44.4%	55.6%			27.7%	72.3%				

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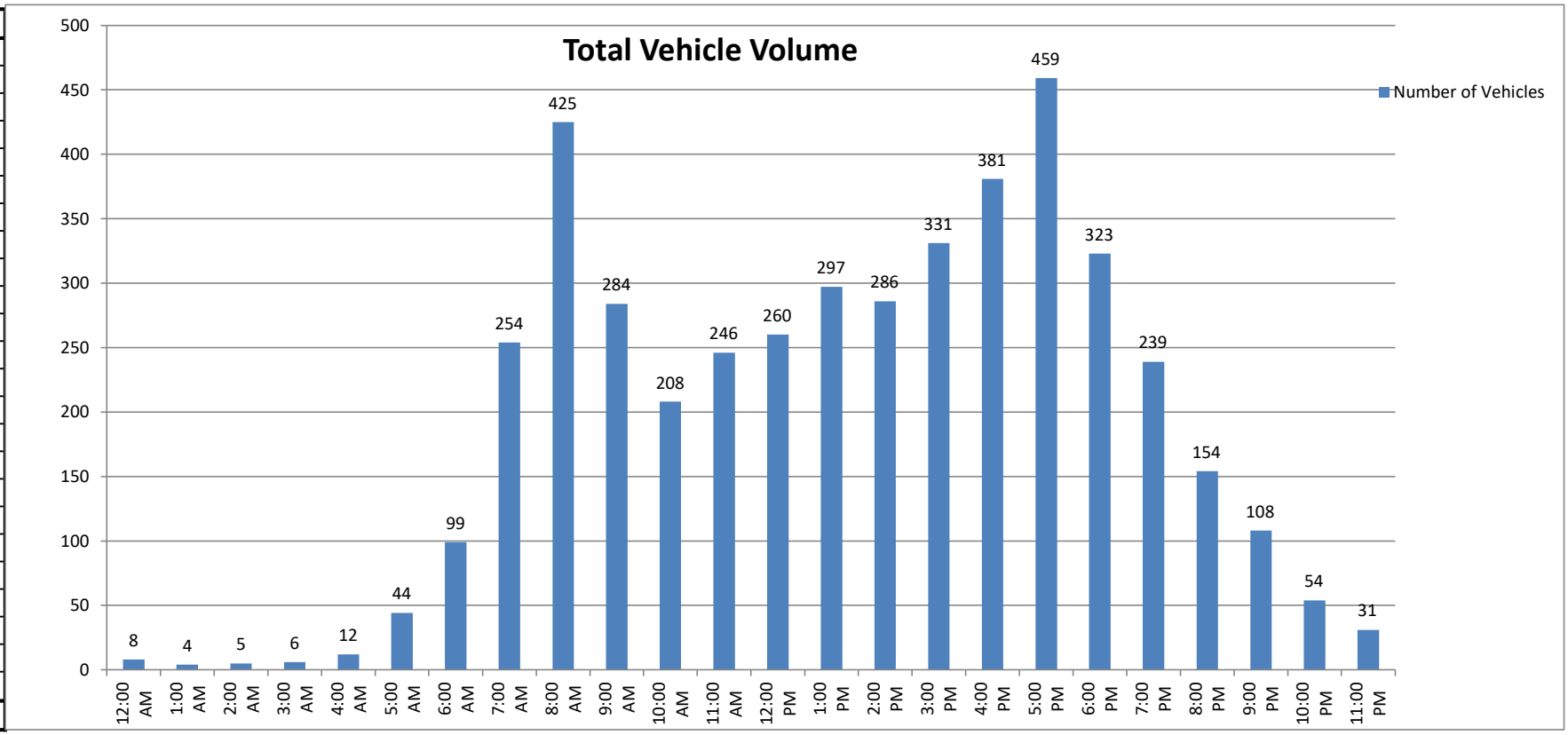
24 Hour Volume Plot

Valley Oak Drive
B/ Alton Parkway - Barranca Parkway
1/31/2024

Start Time	1/31/2024
12:00 AM	8
1:00 AM	4
2:00 AM	5
3:00 AM	6
4:00 AM	12
5:00 AM	44
6:00 AM	99
7:00 AM	254
8:00 AM	425
9:00 AM	284
10:00 AM	208
11:00 AM	246
12:00 PM	260
1:00 PM	297
2:00 PM	286
3:00 PM	331
4:00 PM	381
5:00 PM	459
6:00 PM	323
7:00 PM	239
8:00 PM	154
9:00 PM	108
10:00 PM	54
11:00 PM	31
Total	4518



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Valley Oak Drive
B/ Alton Parkway - Barranca Parkway

File Name 371
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	19			1	44				
12:15	2	28			2	44				
12:30	1	29			2	37				
12:45	1	37	7	113	2	39	6	163	12	275
1:00	0	36			1	36				
1:15	1	33			1	30				
1:30	1	41			1	34				
1:45	1	38	2	148	0	34	2	133	3	281
2:00	1	41			0	45				
2:15	1	37			1	35				
2:30	1	34			1	37				
2:45	2	41	4	153	1	46	3	162	6	315
3:00	1	39			2	42				
3:15	1	27			1	65				
3:30	0	31			0	50				
3:45	1	36	3	132	3	50	5	206	7	338
4:00	1	32			1	72				
4:15	2	32			1	64				
4:30	5	34			1	59				
4:45	4	42	12	139	0	64	2	258	14	397
5:00	4	43			4	88				
5:15	9	42			2	74				
5:30	6	42			4	73				
5:45	14	40	33	167	8	76	17	310	49	476
6:00	16	40			5	62				
6:15	7	32			5	58				
6:30	22	23			10	38				
6:45	22	31	66	126	18	41	37	198	103	323
7:00	34	33			18	47				
7:15	32	20			22	37				
7:30	45	21			27	38				
7:45	53	18	163	91	39	31	106	152	268	243
8:00	69	13			52	28				
8:15	70	17			45	23				
8:30	61	8			31	24				
8:45	76	12	275	49	32	23	160	97	435	146
9:00	58	13			30	23				
9:15	34	5			38	18				
9:30	38	7			27	19				
9:45	40	5	169	30	21	16	115	75	284	104
10:00	26	9			24	15				
10:15	28	6			23	11				
10:30	30	8			23	10				
10:45	30	3	113	25	23	3	92	37	205	62
11:00	31	2			35	6				
11:15	38	3			35	4				
11:30	25	1			33	4				
11:45	25	1	118	7	35	5	138	18	256	25
Totals	962	1177			678	1806				
Combined Totals		2139				2484				
ADT										4623
AM Peak Hour	800	AM			745	AM				
Volume	275				167					
P.H.F.	0.905				0.803					
PM Peak Hour		445	PM			500	PM			
Volume		169				310				
P.H.F.		0.980				0.879				
Percentage	45.0%	55.0%			27.3%	72.7%				

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Corona, CA 92878

City of Irvine
Valley Oak Drive
B/ Barranca Parkway - Irvine Center Drive

File Name 372
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/30/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	25			3	50				
12:15	0	31			2	33				
12:30	3	31			1	36				
12:45	2	41	6	128	2	29	8	148	14	276
1:00	0	34			1	18				
1:15	0	33			0	25				
1:30	1	38			0	28				
1:45	0	21	1	126	1	31	2	102	3	228
2:00	0	27			0	22				
2:15	1	19			0	22				
2:30	0	23			0	32				
2:45	0	27	1	96	0	33	0	109	1	205
3:00	0	32			0	39				
3:15	0	23			0	24				
3:30	0	25			1	28				
3:45	1	16	1	96	0	45	1	136	2	232
4:00	1	25			0	69				
4:15	6	23			0	66				
4:30	7	21			1	75				
4:45	5	34	19	103	0	73	1	283	20	386
5:00	6	26			2	65				
5:15	9	23			1	83				
5:30	5	29			3	69				
5:45	11	35	31	113	4	72	10	289	41	402
6:00	9	91			3	56				
6:15	9	21			4	38				
6:30	25	17			10	17				
6:45	23	19	66	148	17	18	34	129	100	277
7:00	23	23			14	21				
7:15	32	46			15	14				
7:30	37	13			24	15				
7:45	66	17	158	99	35	14	88	64	246	163
8:00	61	10			31	11				
8:15	65	8			27	8				
8:30	87	9			21	16				
8:45	68	9	281	36	32	14	111	49	392	85
9:00	60	5			19	3				
9:15	47	7			26	12				
9:30	29	4			27	9				
9:45	46	7	182	23	18	6	90	30	272	53
10:00	20	5			15	8				
10:15	32	2			14	5				
10:30	26	5			13	2				
10:45	25	7	103	19	21	0	63	15	166	34
11:00	27	1			29	4				
11:15	29	3			29	0				
11:30	31	1			20	2				
11:45	27	1	114	6	38	2	116	8	230	14
Totals	963	993			524	1362				
Combined Totals		1956				1886				
ADT										3842
AM Peak Hour	800	AM			730	AM				
Volume	281				117					
P.H.F.	0.807				0.836					
PM Peak Hour		515	PM			430	PM			
Volume		178				296				
P.H.F.		0.489				0.892				
Percentage	49.2%	50.8%			27.8%	72.2%				

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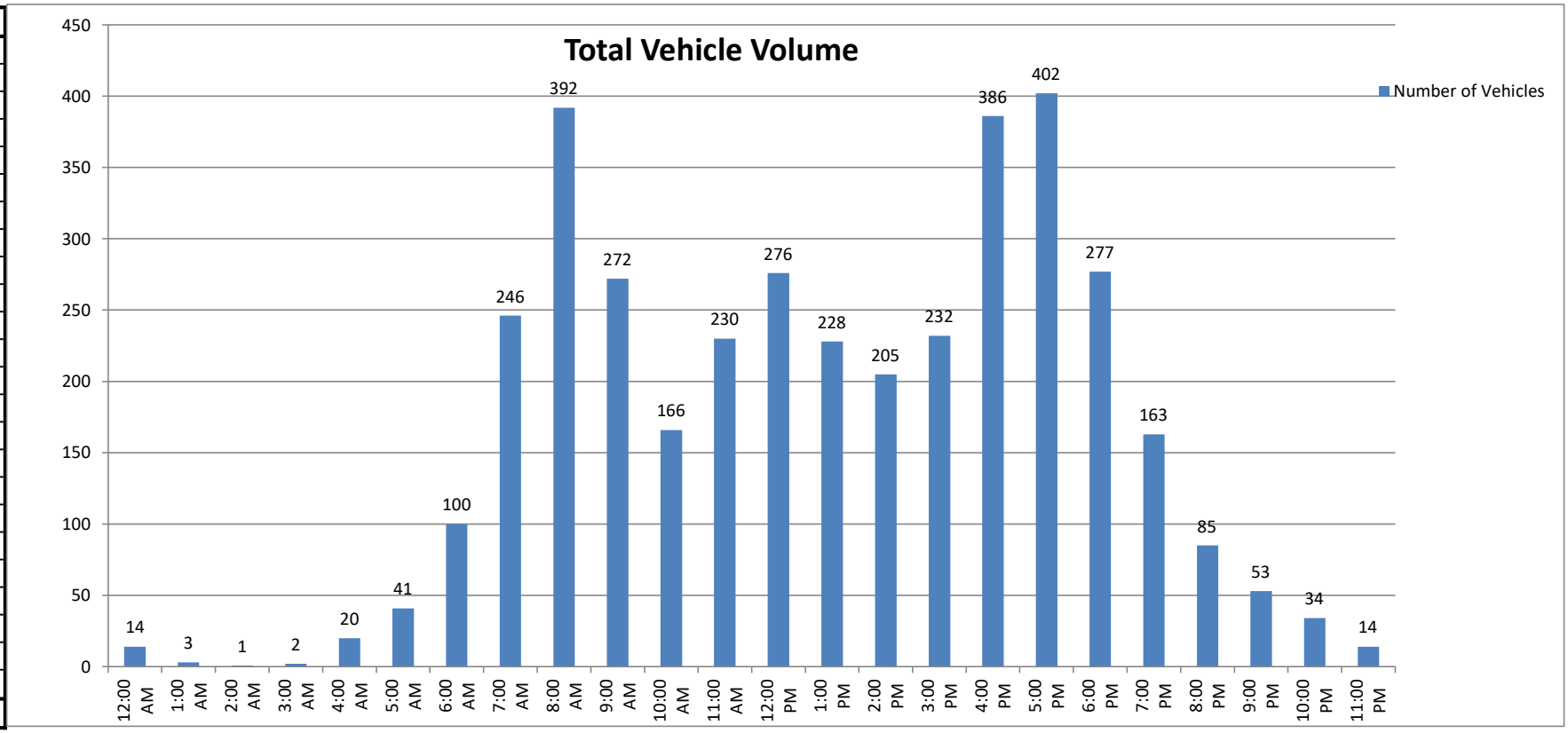
24 Hour Volume Plot

Valley Oak Drive

B/ Barranca Parkway - Irvine Center Drive

1/30/2024

Start Time	1/30/2024
12:00 AM	14
1:00 AM	3
2:00 AM	1
3:00 AM	2
4:00 AM	20
5:00 AM	41
6:00 AM	100
7:00 AM	246
8:00 AM	392
9:00 AM	272
10:00 AM	166
11:00 AM	230
12:00 PM	276
1:00 PM	228
2:00 PM	205
3:00 PM	232
4:00 PM	386
5:00 PM	402
6:00 PM	277
7:00 PM	163
8:00 PM	85
9:00 PM	53
10:00 PM	34
11:00 PM	14
Total	3842



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Valley Oak Drive
B/ Barranca Parkway - Irvine Center Drive

File Name 372
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
1/31/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	17			1	37				
12:15	1	28			2	27				
12:30	0	31			0	21				
12:45	0	36	5	112	0	20	3	105	8	217
1:00	18	32			0	21				
1:15	0	27			0	31				
1:30	0	28			1	19				
1:45	1	28	19	115	1	22	2	93	21	208
2:00	2	25			0	29				
2:15	3	21			0	24				
2:30	1	27			0	29				
2:45	0	21	6	94	1	28	1	110	7	204
3:00	1	22			0	30				
3:15	0	26			0	25				
3:30	0	17			0	38				
3:45	1	24	2	89	2	36	2	129	4	218
4:00	1	23			0	52				
4:15	4	15			0	54				
4:30	5	22			0	63				
4:45	8	28	18	88	0	62	0	231	18	319
5:00	3	21			3	67				
5:15	1	19			2	68				
5:30	9	23			4	50				
5:45	14	27	27	90	1	66	10	251	37	341
6:00	17	48			5	50				
6:15	9	23			7	25				
6:30	13	15			7	17				
6:45	23	26	62	112	11	25	30	117	92	229
7:00	25	20			12	22				
7:15	26	50			19	23				
7:30	35	17			25	18				
7:45	44	13	130	100	39	14	95	77	225	177
8:00	54	16			22	12				
8:15	61	10			30	12				
8:30	73	3			23	11				
8:45	76	4	264	33	23	5	98	40	362	73
9:00	55	4			15	6				
9:15	29	3			24	7				
9:30	37	4			19	8				
9:45	30	5	151	16	10	11	68	32	219	48
10:00	38	1			22	3				
10:15	14	4			10	3				
10:30	21	1			11	5				
10:45	20	5	93	11	21	2	64	13	157	24
11:00	19	1			22	2				
11:15	26	0			17	1				
11:30	23	0			36	2				
11:45	22	1	90	2	27	0	102	5	192	7
Totals	867	862			475	1203				
Combined Totals		1729				1678				
ADT										3407
AM Peak Hour	815	AM			730	AM				
Volume	265				116					
P.H.F.	0.872				0.744					
PM Peak Hour		1215	PM			430	PM			
Volume		127				260				
P.H.F.		0.882				0.956				
Percentage	50.1%	49.9%			28.3%	71.7%				

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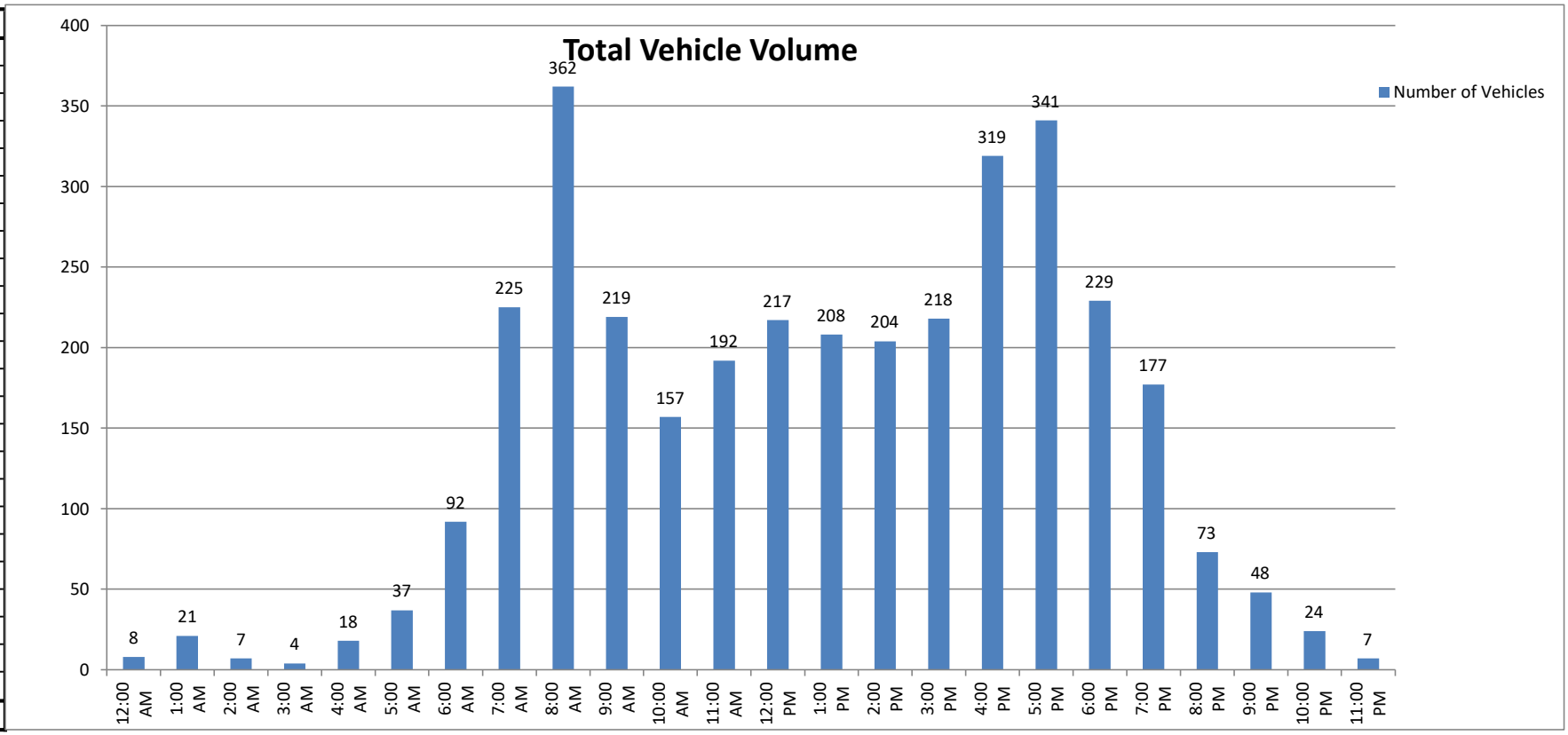
24 Hour Volume Plot

Valley Oak Drive

B/ Barranca Parkway - Irvine Center Drive

1/31/2024

Start Time	1/31/2024
12:00 AM	8
1:00 AM	21
2:00 AM	7
3:00 AM	4
4:00 AM	18
5:00 AM	37
6:00 AM	92
7:00 AM	225
8:00 AM	362
9:00 AM	219
10:00 AM	157
11:00 AM	192
12:00 PM	217
1:00 PM	208
2:00 PM	204
3:00 PM	218
4:00 PM	319
5:00 PM	341
6:00 PM	229
7:00 PM	177
8:00 PM	73
9:00 PM	48
10:00 PM	24
11:00 PM	7
Total	3407



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Valley Oak Drive
B/ Barranca Parkway - Irvine Center Drive

File Name 372
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	21			2	44				
12:15	1	30			2	30				
12:30	2	31			1	29				
12:45	1	39	6	120	1	25	6	127	11	247
1:00	9	33			1	20				
1:15	0	30			0	28				
1:30	1	33			1	24				
1:45	1	25	10	121	1	27	2	98	12	218
2:00	1	26			0	26				
2:15	2	20			0	23				
2:30	1	25			0	31				
2:45	0	24	4	95	1	31	1	110	4	205
3:00	1	27			0	35				
3:15	0	25			0	25				
3:30	0	21			1	33				
3:45	1	20	2	93	1	41	2	133	3	225
4:00	1	24			0	61				
4:15	5	19			0	60				
4:30	6	22			1	69				
4:45	7	31	19	96	0	68	1	257	19	353
5:00	5	24			3	66				
5:15	5	21			2	76				
5:30	7	26			4	60				
5:45	13	31	29	102	3	69	10	270	39	372
6:00	13	70			4	53				
6:15	9	22			6	32				
6:30	19	16			9	17				
6:45	23	23	64	130	14	22	32	123	96	253
7:00	24	22			13	22				
7:15	29	48			17	19				
7:30	36	15			25	17				
7:45	55	15	144	100	37	14	92	71	236	170
8:00	58	13			27	12				
8:15	63	9			29	10				
8:30	80	6			22	14				
8:45	72	7	273	35	28	10	105	45	377	79
9:00	58	5			17	5				
9:15	38	5			25	10				
9:30	33	4			23	9				
9:45	38	6	167	20	14	9	79	31	246	51
10:00	29	3			19	6				
10:15	23	3			12	4				
10:30	24	3			12	4				
10:45	23	6	98	15	21	1	64	14	162	29
11:00	23	1			26	3				
11:15	28	2			23	1				
11:30	27	1			28	2				
11:45	25	1	102	4	33	1	109	7	211	11
Totals	915	928			500	1283				
Combined Totals		1843				1782				
ADT										3625
AM Peak Hour	815	AM			730	AM				
Volume	273				117					
P.H.F.	0.852				0.787					
PM Peak Hour		530	PM			430	PM			
Volume		149				278				
P.H.F.		0.534				0.921				
Percentage	49.7%	50.3%			28.0%	72.0%				

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Corona, CA 92878

City of Irvine
Visions
B/ Trabuco Road - Roosevelt

File Name 374
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/27/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	4			0	9				
12:15	0	3			0	11				
12:30	0	10			0	13				
12:45	0	5	0	22	0	8	0	41	0	63
1:00	0	6			1	10				
1:15	0	6			0	4				
1:30	0	5			1	8				
1:45	0	10	0	27	0	13	2	35	2	62
2:00	0	19			0	18				
2:15	0	7			0	24				
2:30	0	7			0	35				
2:45	0	8	0	41	0	49	0	126	0	167
3:00	0	81			0	106				
3:15	0	30			0	36				
3:30	0	16			0	15				
3:45	0	12	0	139	0	22	0	179	0	318
4:00	0	31			0	19				
4:15	0	6			0	14				
4:30	0	12			0	10				
4:45	1	11	1	60	0	7	0	50	1	110
5:00	0	16			0	6				
5:15	0	9			0	15				
5:30	1	20			1	14				
5:45	0	16	1	61	0	9	1	44	2	105
6:00	0	9			1	7				
6:15	0	2			0	5				
6:30	3	9			6	6				
6:45	5	4	8	24	12	9	19	27	27	51
7:00	6	8			10	11				
7:15	14	7			34	6				
7:30	14	14			32	6				
7:45	20	4	54	33	78	5	154	28	208	61
8:00	57	4			147	1				
8:15	35	5			76	3				
8:30	9	1			11	4				
8:45	5	4	106	14	7	0	241	8	347	22
9:00	3	2			3	1				
9:15	4	6			5	1				
9:30	4	2			6	2				
9:45	2	4	13	14	8	0	22	4	35	18
10:00	3	2			9	1				
10:15	1	1			8	0				
10:30	4	0			6	0				
10:45	4	0	12	3	7	0	30	1	42	4
11:00	2	0			2	0				
11:15	4	0			3	0				
11:30	10	0			6	0				
11:45	2	0	18	0	5	0	16	0	34	0
Totals	213	438			485	543				
Combined Totals		651				1028				
ADT										1679
AM Peak Hour	730	AM			730	AM				
Volume	126				333					
P.H.F.	0.553				0.566					
PM Peak Hour		300	PM			230	PM			
Volume		139				226				
P.H.F.		0.429				0.533				
Percentage	32.7%	67.3%			47.2%	52.8%				

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Counts Unlimited, Inc.
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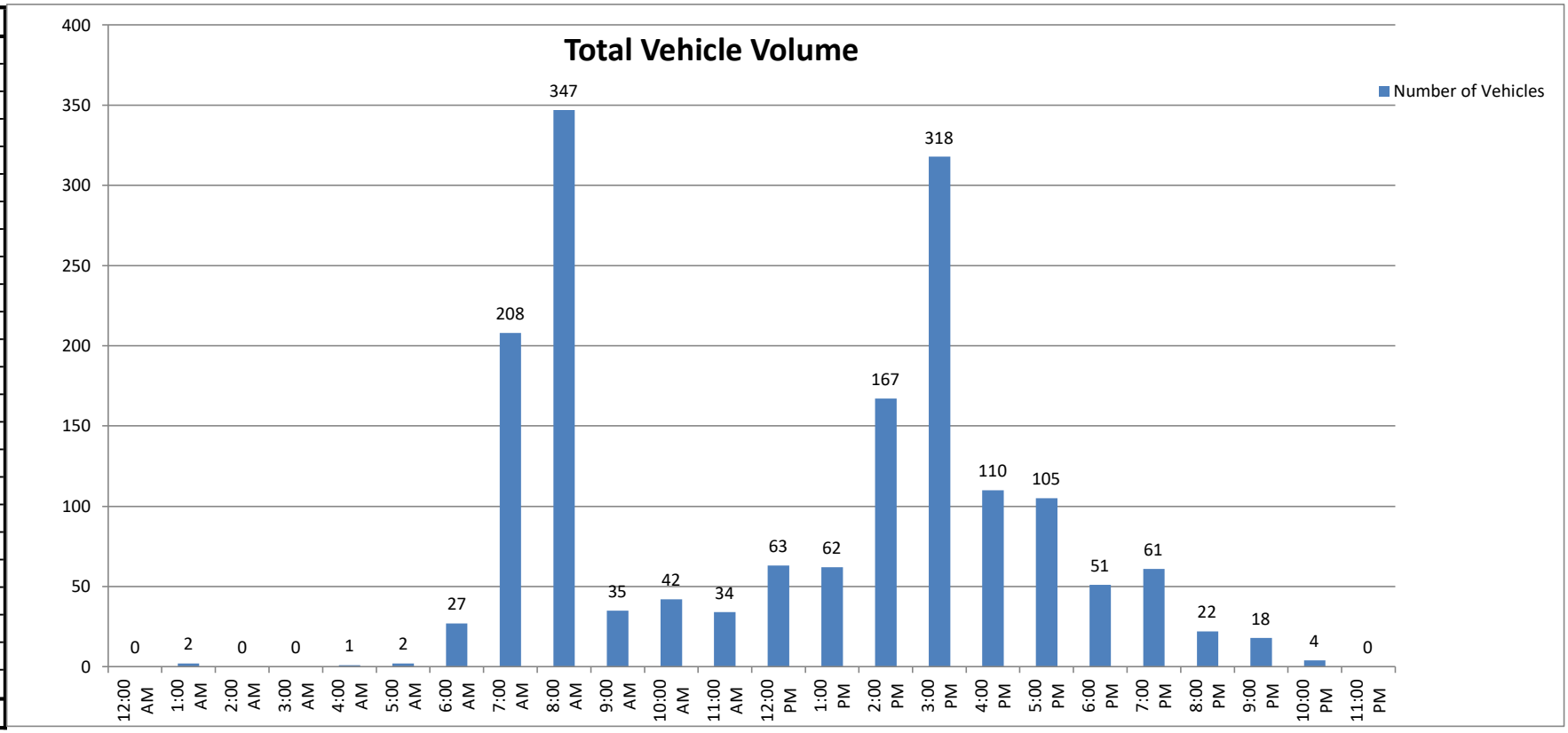
24 Hour Volume Plot

Visions

B/ Trabuco Road - Roosevelt

2/27/2024

Start Time	2/27/2024
12:00 AM	0
1:00 AM	2
2:00 AM	0
3:00 AM	0
4:00 AM	1
5:00 AM	2
6:00 AM	27
7:00 AM	208
8:00 AM	347
9:00 AM	35
10:00 AM	42
11:00 AM	34
12:00 PM	63
1:00 PM	62
2:00 PM	167
3:00 PM	318
4:00 PM	110
5:00 PM	105
6:00 PM	51
7:00 PM	61
8:00 PM	22
9:00 PM	18
10:00 PM	4
11:00 PM	0
Total	1679



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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Corona, CA 92878

City of Irvine
Visions
B/ Trabuco Road - Roosevelt

File Name 374
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
2/28/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	4			0	12				
12:15	0	14			0	9				
12:30	0	1			0	6				
12:45	0	6	0	25	0	7	0	34	0	59
1:00	0	6			0	2				
1:15	0	3			0	5				
1:30	0	3			0	1				
1:45	0	3	0	15	0	8	0	16	0	31
2:00	0	6			0	20				
2:15	0	5			0	29				
2:30	0	9			0	33				
2:45	0	4	0	24	0	40	0	122	0	146
3:00	0	68			0	101				
3:15	0	37			0	25				
3:30	0	18			0	23				
3:45	0	13	0	136	0	25	0	174	0	310
4:00	0	25			0	19				
4:15	0	15			0	13				
4:30	1	6			0	11				
4:45	0	15	1	61	0	9	0	52	1	113
5:00	2	18			0	15				
5:15	0	13			1	15				
5:30	0	19			1	13				
5:45	0	18	2	68	1	14	3	57	5	125
6:00	1	17			0	11				
6:15	1	10			0	14				
6:30	1	18			2	7				
6:45	8	12	11	57	10	7	12	39	23	96
7:00	2	6			1	3				
7:15	2	6			8	4				
7:30	1	4			16	2				
7:45	7	5	12	21	19	9	44	18	56	39
8:00	17	10			37	5				
8:15	32	3			116	4				
8:30	41	1			165	2				
8:45	43	1	133	15	73	3	391	14	524	29
9:00	8	3			8	2				
9:15	5	3			3	0				
9:30	3	2			5	2				
9:45	5	0	21	8	7	0	23	4	44	12
10:00	4	0			5	0				
10:15	4	0			6	0				
10:30	6	0			10	0				
10:45	3	1	17	1	4	2	25	2	42	3
11:00	10	0			5	0				
11:15	4	0			4	1				
11:30	6	0			4	2				
11:45	8	0	28	0	3	0	16	3	44	3
Totals	225	431			514	535				
Combined Totals		656				1049				
ADT										1705
AM Peak Hour	800 AM				800 AM					
Volume	133				391					
P.H.F.	0.773				0.592					
PM Peak Hour		300 PM				215 PM				
Volume		136				203				
P.H.F.		0.500				0.502				
Percentage	34.3%	65.7%			49.0%	51.0%				

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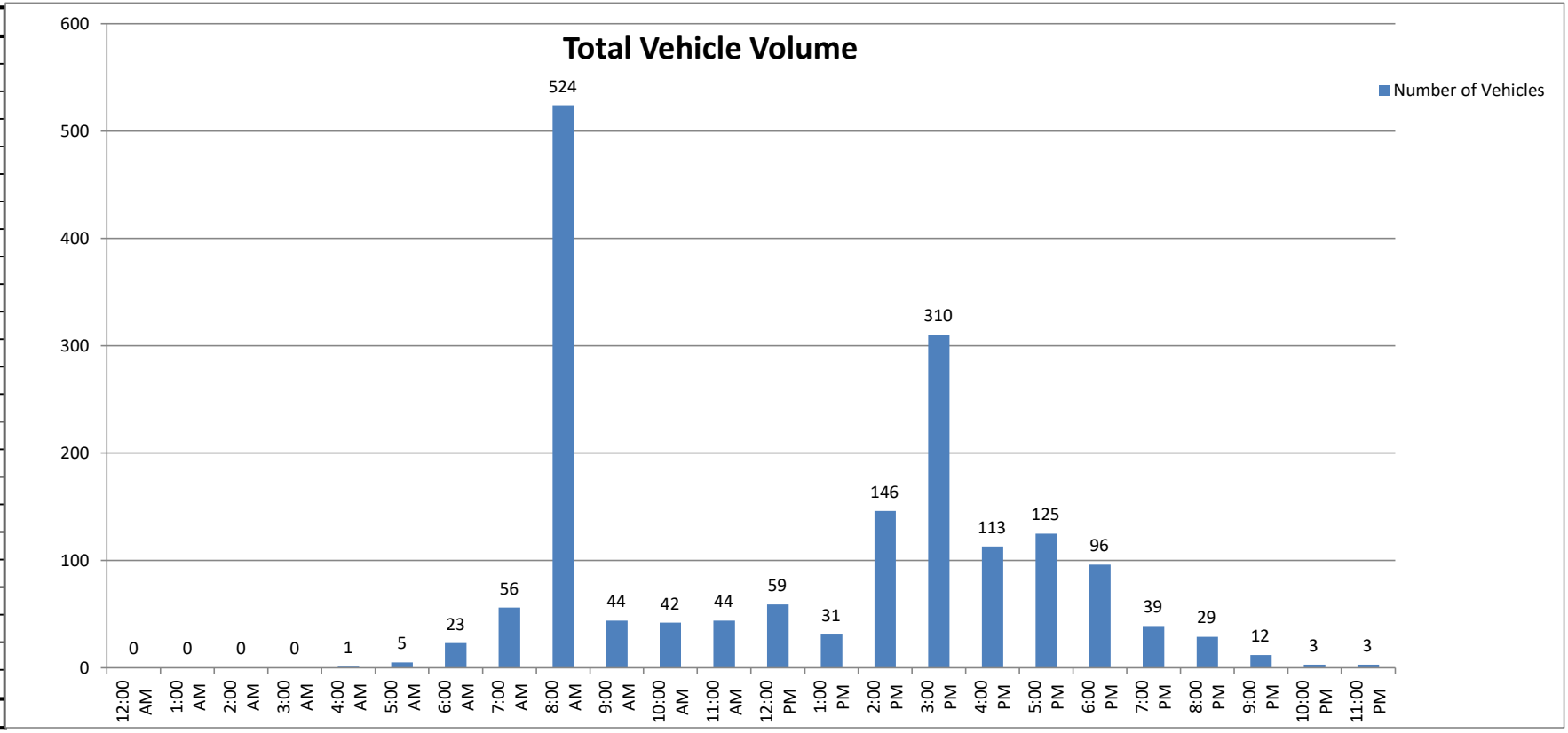
24 Hour Volume Plot

Visions

B/ Trabuco Road - Roosevelt

2/28/2024

Start Time	2/28/2024
12:00 AM	0
1:00 AM	0
2:00 AM	0
3:00 AM	0
4:00 AM	1
5:00 AM	5
6:00 AM	23
7:00 AM	56
8:00 AM	524
9:00 AM	44
10:00 AM	42
11:00 AM	44
12:00 PM	59
1:00 PM	31
2:00 PM	146
3:00 PM	310
4:00 PM	113
5:00 PM	125
6:00 PM	96
7:00 PM	39
8:00 PM	29
9:00 PM	12
10:00 PM	3
11:00 PM	3
Total	1705



Volumes represent the combined totals for both directions

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City of Irvine
Visions
B/ Trabuco Road - Roosevelt

File Name 374
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	4			0	11				
12:15	0	9			0	10				
12:30	0	6			0	10				
12:45	0	6	0	24	0	8	0	38	0	61
1:00	0	6			1	6				
1:15	0	5			0	5				
1:30	0	4			1	5				
1:45	0	7	0	21	0	11	1	26	1	47
2:00	0	13			0	19				
2:15	0	6			0	27				
2:30	0	8			0	34				
2:45	0	6	0	33	0	45	0	124	0	157
3:00	0	75			0	104				
3:15	0	34			0	31				
3:30	0	17			0	19				
3:45	0	13	0	138	0	24	0	177	0	314
4:00	0	28			0	19				
4:15	0	11			0	14				
4:30	1	9			0	11				
4:45	1	13	1	61	0	8	0	51	1	112
5:00	1	17			0	11				
5:15	0	11			1	15				
5:30	1	20			1	14				
5:45	0	17	2	65	1	12	2	51	4	115
6:00	1	13			1	9				
6:15	1	6			0	10				
6:30	2	14			4	7				
6:45	7	8	10	41	11	8	16	33	25	74
7:00	4	7			6	7				
7:15	8	7			21	5				
7:30	8	9			24	4				
7:45	14	5	33	27	49	7	99	23	132	50
8:00	37	7			92	3				
8:15	34	4			96	4				
8:30	25	1			88	3				
8:45	24	3	120	15	40	2	316	11	436	26
9:00	6	3			6	2				
9:15	5	5			4	1				
9:30	4	2			6	2				
9:45	4	2	17	11	8	0	23	4	40	15
10:00	4	1			7	1				
10:15	3	1			7	0				
10:30	5	0			8	0				
10:45	4	1	15	2	6	1	28	2	42	4
11:00	6	0			4	0				
11:15	4	0			4	1				
11:30	8	0			5	1				
11:45	5	0	23	0	4	0	16	2	39	2
Totals	219	435			500	539				
Combined Totals		654				1039				
ADT										1692
AM Peak Hour	800	AM			745	AM				
Volume	120				325					
P.H.F.	0.807				0.845					
PM Peak Hour		300	PM			230	PM			
Volume		138				213				
P.H.F.		0.461				0.513				
Percentage	33.5%	66.5%			48.1%	51.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Barranca Parkway - Yale Avenue North

File Name 392
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	57			1	64				
12:15	8	60			1	67				
12:30	6	53			2	54				
12:45	2	61	21	231	0	65	4	250	25	481
1:00	4	47			3	52				
1:15	4	54			5	75				
1:30	1	58			2	70				
1:45	4	55	13	214	0	78	10	275	23	489
2:00	6	89			3	84				
2:15	0	125			0	56				
2:30	2	100			1	71				
2:45	0	139	8	453	0	84	4	295	12	748
3:00	1	149			0	118				
3:15	1	107			0	115				
3:30	0	102			1	65				
3:45	2	131	4	489	4	82	5	380	9	869
4:00	3	144			1	76				
4:15	2	100			8	95				
4:30	0	93			3	59				
4:45	2	134	7	471	5	71	17	301	24	772
5:00	0	122			5	87				
5:15	2	152			11	63				
5:30	2	117			11	71				
5:45	4	119	8	510	12	56	39	277	47	787
6:00	10	121			16	64				
6:15	6	96			21	65				
6:30	18	90			29	53				
6:45	20	90	54	397	39	45	105	227	159	624
7:00	39	68			65	43				
7:15	33	61			78	35				
7:30	38	64			84	38				
7:45	49	67	159	260	116	25	343	141	502	401
8:00	127	61			131	24				
8:15	126	53			185	18				
8:30	74	49			79	19				
8:45	47	42	374	205	69	22	464	83	838	288
9:00	48	54			64	21				
9:15	44	47			74	16				
9:30	46	39			51	14				
9:45	33	28	171	168	62	11	251	62	422	230
10:00	49	26			59	14				
10:15	47	18			55	13				
10:30	49	30			59	5				
10:45	50	10	195	84	51	8	224	40	419	124
11:00	36	19			49	7				
11:15	54	6			44	3				
11:30	49	14			58	4				
11:45	56	12	195	51	48	3	199	17	394	68
Totals	1209	3533			1665	2348				
Combined Totals		4742				4013				
ADT										8755
AM Peak Hour	745	AM			730	AM				
Volume	376				516					
P.H.F.	0.740				0.697					
PM Peak Hour		445	PM			230	PM			
Volume		525				388				
P.H.F.		0.863				0.822				
Percentage	25.5%	74.5%			41.5%	58.5%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

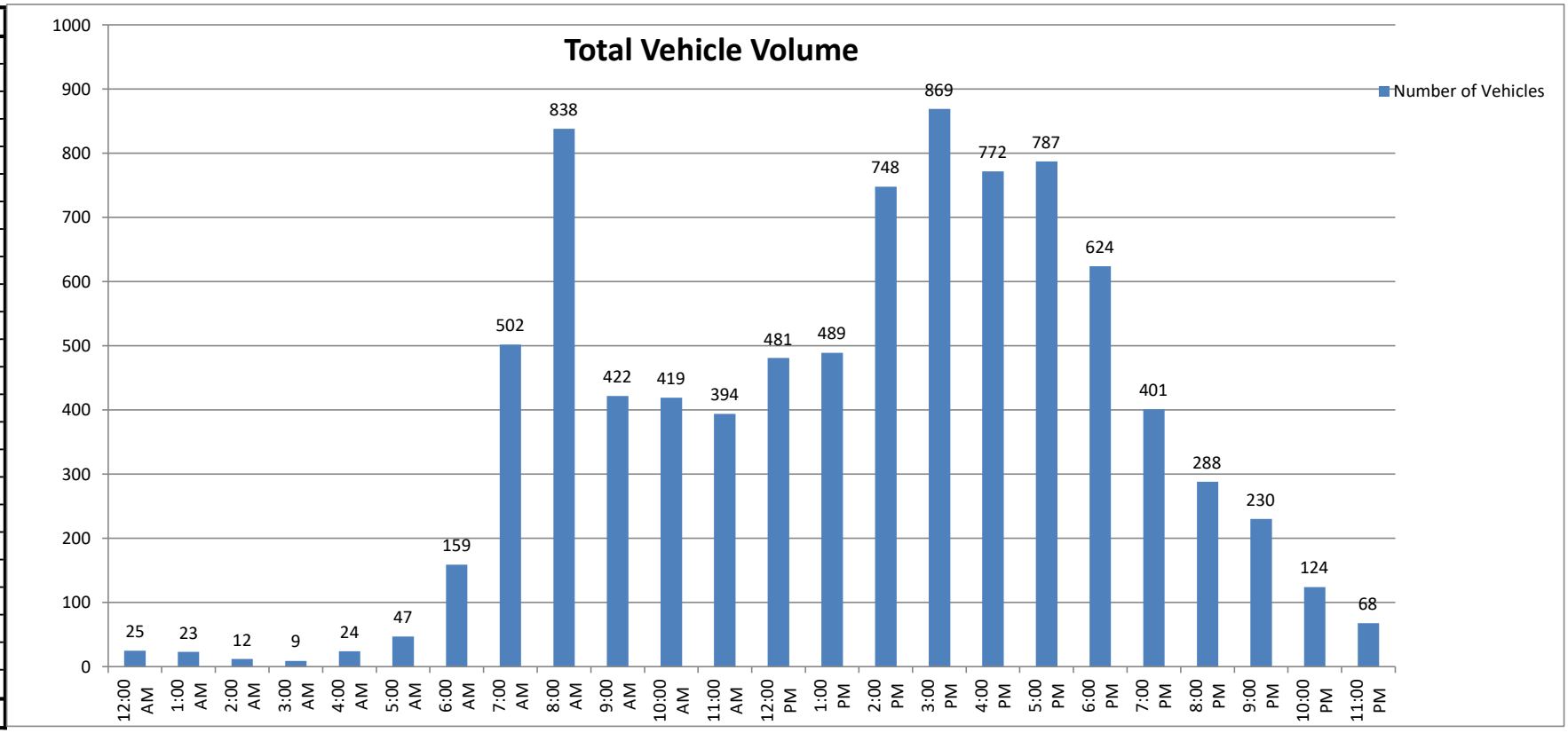
24 Hour Volume Plot

West Yale Loop

B/ Barranca Parkway - Yale Avenue North

11/28/2023

Start Time	#########
12:00 AM	25
1:00 AM	23
2:00 AM	12
3:00 AM	9
4:00 AM	24
5:00 AM	47
6:00 AM	159
7:00 AM	502
8:00 AM	838
9:00 AM	422
10:00 AM	419
11:00 AM	394
12:00 PM	481
1:00 PM	489
2:00 PM	748
3:00 PM	869
4:00 PM	772
5:00 PM	787
6:00 PM	624
7:00 PM	401
8:00 PM	288
9:00 PM	230
10:00 PM	124
11:00 PM	68
Total	8755



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Barranca Parkway - Yale Avenue North

File Name 392
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	67			3	62				
12:15	11	49			2	40				
12:30	8	69			2	55				
12:45	8	65	32	250	2	58	9	215	41	465
1:00	3	61			2	75				
1:15	9	84			1	71				
1:30	1	64			2	73				
1:45	0	58	13	267	0	58	5	277	18	544
2:00	3	64			1	71				
2:15	2	107			1	62				
2:30	2	115			0	68				
2:45	2	103	9	389	0	57	2	258	11	647
3:00	1	138			1	102				
3:15	0	101			1	117				
3:30	1	103			0	57				
3:45	0	110	2	452	4	71	6	347	8	799
4:00	0	107			2	80				
4:15	2	97			6	79				
4:30	0	118			4	79				
4:45	1	117	3	439	8	63	20	301	23	740
5:00	0	109			7	64				
5:15	6	137			5	81				
5:30	3	120			10	82				
5:45	2	103	11	469	15	70	37	297	48	766
6:00	12	116			18	60				
6:15	13	75			28	81				
6:30	16	107			26	56				
6:45	14	92	55	390	32	66	104	263	159	653
7:00	25	72			48	48				
7:15	25	57			56	29				
7:30	41	64			70	32				
7:45	67	72	158	265	107	37	281	146	439	411
8:00	100	74			149	25				
8:15	90	63			103	26				
8:30	93	54			83	25				
8:45	97	54	380	245	85	23	420	99	800	344
9:00	180	50			110	15				
9:15	105	39			118	25				
9:30	83	20			69	16				
9:45	53	27	421	136	75	16	372	72	793	208
10:00	86	38			53	11				
10:15	52	30			69	10				
10:30	45	32			57	6				
10:45	83	9	266	109	53	7	232	34	498	143
11:00	73	12			61	6				
11:15	76	16			43	14				
11:30	51	7			48	11				
11:45	64	7	264	42	50	2	202	33	466	75
Totals	1614	3453			1690	2342				
Combined Totals		5067				4032				
ADT										9099
AM Peak Hour	830	AM			745	AM				
Volume	475				442					
P.H.F.	0.660				0.742					
PM Peak Hour		445	PM			300	PM			
Volume		483				347				
P.H.F.		0.881				0.741				
Percentage	31.9%	68.1%			41.9%	58.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

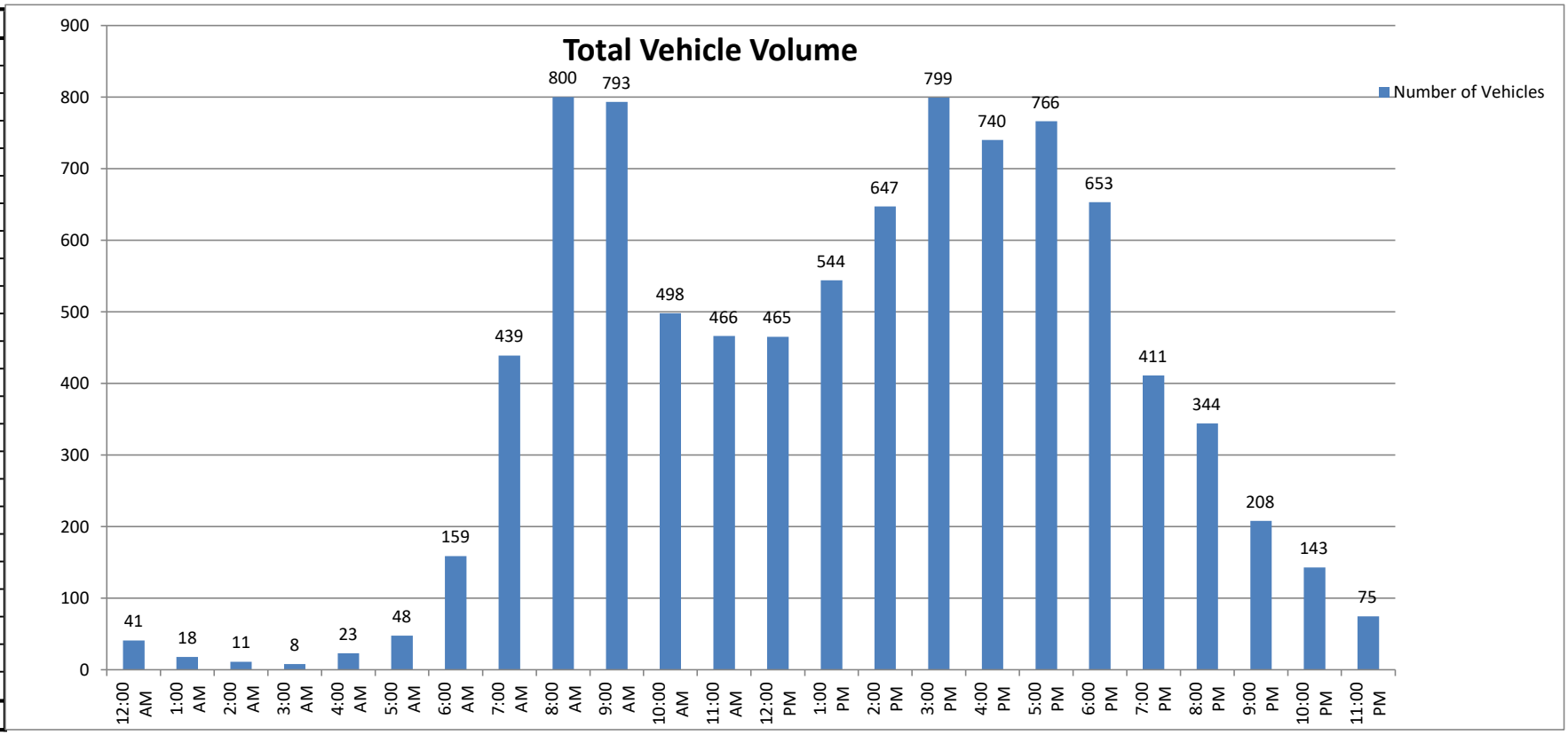
24 Hour Volume Plot

West Yale Loop

B/ Barranca Parkway - Yale Avenue North

11/29/2023

Start Time	#########
12:00 AM	41
1:00 AM	18
2:00 AM	11
3:00 AM	8
4:00 AM	23
5:00 AM	48
6:00 AM	159
7:00 AM	439
8:00 AM	800
9:00 AM	793
10:00 AM	498
11:00 AM	466
12:00 PM	465
1:00 PM	544
2:00 PM	647
3:00 PM	799
4:00 PM	740
5:00 PM	766
6:00 PM	653
7:00 PM	411
8:00 PM	344
9:00 PM	208
10:00 PM	143
11:00 PM	75
Total	9099



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Barranca Parkway - Yale Avenue North

File Name 392
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	5	62			2	63				
12:15	10	55			2	54				
12:30	7	61			2	55				
12:45	5	63	27	241	1	62	7	233	33	473
1:00	4	54			3	64				
1:15	7	69			3	73				
1:30	1	61			2	72				
1:45	2	57	13	241	0	68	8	276	21	517
2:00	5	77			2	78				
2:15	1	116			1	59				
2:30	2	108			1	70				
2:45	1	121	9	421	0	71	3	277	12	698
3:00	1	144			1	110				
3:15	1	104			1	116				
3:30	1	103			1	61				
3:45	1	121	3	471	4	77	6	364	9	834
4:00	2	126			2	78				
4:15	2	99			7	87				
4:30	0	106			4	69				
4:45	2	126	5	455	7	67	19	301	24	756
5:00	0	116			6	76				
5:15	4	145			8	72				
5:30	3	119			11	77				
5:45	3	111	10	490	14	63	38	287	48	777
6:00	11	119			17	62				
6:15	10	86			25	73				
6:30	17	99			28	55				
6:45	17	91	55	394	36	56	105	245	159	639
7:00	32	70			57	46				
7:15	29	59			67	32				
7:30	40	64			77	35				
7:45	58	70	159	263	112	31	312	144	471	406
8:00	114	68			140	25				
8:15	108	58			144	22				
8:30	84	52			81	22				
8:45	72	48	377	225	77	23	442	91	819	316
9:00	114	52			87	18				
9:15	75	43			96	21				
9:30	65	30			60	15				
9:45	43	28	296	152	69	14	312	67	608	219
10:00	68	32			56	13				
10:15	50	24			62	12				
10:30	47	31			58	6				
10:45	67	10	231	97	52	8	228	37	459	134
11:00	55	16			55	7				
11:15	65	11			44	9				
11:30	50	11			53	8				
11:45	60	10	230	47	49	3	201	25	430	72
Totals	1412	3493			1678	2345				
Combined Totals		4905				4023				
ADT										8927
AM Peak Hour	815	AM			745	AM				
Volume	378				477					
P.H.F.	0.828				0.827					
PM Peak Hour		445	PM			230	PM			
Volume		504				366				
P.H.F.		0.872				0.789				
Percentage	28.8%	71.2%			41.7%	58.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Walnut Avenue
B/ Harvard Avenue - Culver Drive
24 Hour Directional Classification Count

IRV163
Site Code: 051-24139

Start Time	4/9/24 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	122			5	105				
12:15		8	81			10	120				
12:30		5	84			6	103				
12:45		1	70	21	357	5	107	26	435	47	792
01:00		7	88			1	120				
01:15		3	83			4	84				
01:30		1	98			2	107				
01:45		3	100	14	369	3	94	10	405	24	774
02:00		2	105			0	125				
02:15		2	107			0	149				
02:30		1	98			1	143				
02:45		0	106	5	416	1	125	2	542	7	958
03:00		2	85			1	147				
03:15		3	91			1	140				
03:30		2	126			3	139				
03:45		4	112	11	414	4	171	9	597	20	1011
04:00		7	127			2	196				
04:15		6	135			10	162				
04:30		7	121			2	180				
04:45		7	141	27	524	3	187	17	725	44	1249
05:00		8	**183**			5	174				
05:15		15	**155**			9	**171**				
05:30		7	**180**			11	**225**				
05:45		12	**187**	42	705	20	**180**	45	750	87	1455
06:00		19	140			18	**182**				
06:15		16	147			21	153				
06:30		30	124			34	187				
06:45		37	116	102	527	45	135	118	657	220	1184
07:00		55	136			63	120				
07:15		59	113			83	103				
07:30		66	92			72	101				
07:45		**103**	64	283	405	105	92	323	416	606	821
08:00		**150**	83			**159**	113				
08:15		**115**	71			**216**	72				
08:30		**72**	67			**161**	85				
08:45		70	65	407	286	**152**	65	688	335	1095	621
09:00		70	54			95	68				
09:15		63	56			94	54				
09:30		75	25			78	58				
09:45		94	35	302	170	85	55	352	235	654	405
10:00		76	20			87	36				
10:15		71	20			67	40				
10:30		61	20			69	16				
10:45		84	17	292	77	97	14	320	106	612	183
11:00		77	9			75	16				
11:15		88	14			96	11				
11:30		88	11			91	21				
11:45		99	6	352	40	78	7	340	55	692	95
Total		1858	4290	1858	4290	2250	5258	2250	5258	4108	9548
Combined Total		6148		6148		7508		7508		13656	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	440	-	-	-	688	-	-	-	-	-
P.H.F.		0.733				0.796					
PM Peak	-	-	05:00	-	-	-	05:15	-	-	-	-
Vol.	-	-	705	-	-	-	758	-	-	-	-
P.H.F.			0.943				0.842				
Percentage		30.2%	69.8%			30.0%	70.0%				
ADT/AADT		ADT 13,656		AADT 13,656							

Counts Unlimited, Inc.
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Corona, CA 92878

City of Irvine
Walnut Avenue
B/ Culver Drive - Yale Avenue

File Name 384
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	16	95			13	110				
12:15	18	90			5	114				
12:30	8	103			7	96				
12:45	7	106	49	394	2	84	27	404	76	798
1:00	11	110			1	85				
1:15	8	121			5	84				
1:30	3	99			0	100				
1:45	5	126	27	456	4	106	10	375	37	831
2:00	2	116			0	155				
2:15	6	182			2	176				
2:30	5	171			1	142				
2:45	1	124	14	593	1	146	4	619	18	1212
3:00	6	124			0	178				
3:15	4	148			0	178				
3:30	3	141			1	156				
3:45	2	216	15	629	3	244	4	756	19	1385
4:00	4	190			5	208				
4:15	5	158			6	202				
4:30	7	172			10	193				
4:45	8	205	24	725	5	174	26	777	50	1502
5:00	16	222			9	218				
5:15	22	214			10	201				
5:30	36	232			12	212				
5:45	20	228	94	896	26	210	57	841	151	1737
6:00	19	246			31	218				
6:15	15	222			27	210				
6:30	36	183			38	186				
6:45	53	158	123	809	62	144	158	758	281	1567
7:00	28	164			82	149				
7:15	54	142			66	90				
7:30	58	114			90	98				
7:45	102	130	242	550	169	90	407	427	649	977
8:00	144	140			208	160				
8:15	152	118			221	96				
8:30	146	104			128	90				
8:45	96	75	538	437	106	73	663	419	1201	856
9:00	72	68			106	76				
9:15	80	56			88	56				
9:30	84	53			102	56				
9:45	104	61	340	238	126	38	422	226	762	464
10:00	83	52			105	69				
10:15	82	48			83	25				
10:30	70	35			82	22				
10:45	98	37	333	172	119	24	389	140	722	312
11:00	96	26			95	23				
11:15	92	29			100	9				
11:30	86	18			94	12				
11:45	117	23	391	96	119	8	408	52	799	148
Totals	2190	5995			2575	5794				
Combined Totals		8185				8369				
ADT										16554
AM Peak Hour	745	AM			745	AM				
Volume	544				726					
P.H.F.	0.895				0.821					
PM Peak Hour		530	PM			530	PM			
Volume		928				850				
P.H.F.		0.943				0.975				
Percentage	26.8%	73.2%			30.8%	69.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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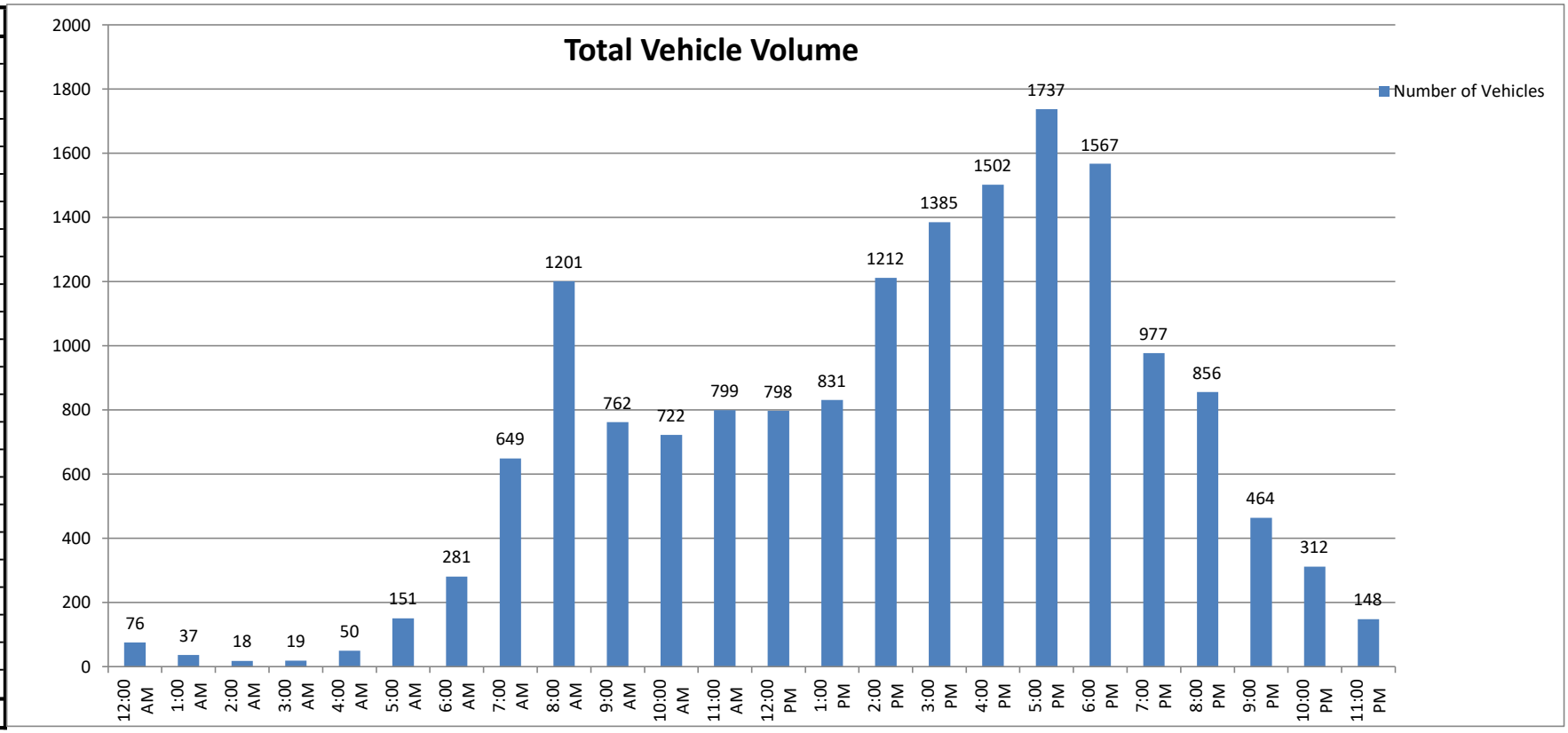
Corona, CA 92878

24 Hour Volume Plot

Walnut Avenue
B/ Culver Drive - Yale Avenue
4/9/2024

Start Time	4/9/2024
12:00 AM	76
1:00 AM	37
2:00 AM	18
3:00 AM	19
4:00 AM	50
5:00 AM	151
6:00 AM	281
7:00 AM	649
8:00 AM	1201
9:00 AM	762
10:00 AM	722
11:00 AM	799
12:00 PM	798
1:00 PM	831
2:00 PM	1212
3:00 PM	1385
4:00 PM	1502
5:00 PM	1737
6:00 PM	1567
7:00 PM	977
8:00 PM	856
9:00 PM	464
10:00 PM	312
11:00 PM	148
Total	16554



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Walnut Avenue
B/ Culver Drive - Yale Avenue

File Name 384
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	22	94			9	136				
12:15	26	137			5	110				
12:30	13	92			9	102				
12:45	15	114	76	437	4	133	27	481	103	918
1:00	11	138			5	110				
1:15	5	122			0	138				
1:30	2	124			2	114				
1:45	2	114	20	498	2	118	9	480	29	978
2:00	3	113			1	108				
2:15	4	182			0	222				
2:30	3	120			1	153				
2:45	1	126	11	541	1	143	3	626	14	1167
3:00	2	140			2	163				
3:15	0	122			0	165				
3:30	0	128			1	176				
3:45	4	236	6	626	6	227	9	731	15	1357
4:00	2	156			2	214				
4:15	5	157			6	163				
4:30	1	168			5	184				
4:45	10	170	18	651	13	196	26	757	44	1408
5:00	13	229			7	219				
5:15	18	235			10	224				
5:30	40	242			13	226				
5:45	33	228	104	934	21	218	51	887	155	1821
6:00	16	228			24	210				
6:15	18	202			26	166				
6:30	29	194			35	161				
6:45	59	148	122	772	70	138	155	675	277	1447
7:00	37	160			72	164				
7:15	66	179			76	110				
7:30	51	136			96	102				
7:45	104	136	258	611	183	126	427	502	685	1113
8:00	157	153			220	185				
8:15	177	164			224	172				
8:30	120	142			118	93				
8:45	89	90	543	549	110	53	672	503	1215	1052
9:00	114	106			96	72				
9:15	80	77			90	46				
9:30	84	70			90	40				
9:45	92	56	370	309	101	52	377	210	747	519
10:00	94	71			86	38				
10:15	66	45			100	30				
10:30	80	42			87	26				
10:45	106	38	346	196	92	18	365	112	711	308
11:00	86	30			102	14				
11:15	91	34			102	19				
11:30	120	15			100	6				
11:45	112	17	409	96	104	12	408	51	817	147
Totals	2283	6220			2529	6015				
Combined Totals		8503				8544				
ADT										17047
AM Peak Hour	745 AM				745 AM					
Volume	558				745					
P.H.F.	0.788				0.831					
PM Peak Hour		500 PM				500 PM				
Volume		934				887				
P.H.F.		0.965				0.981				
Percentage	26.8%	73.2%			29.6%	70.4%				

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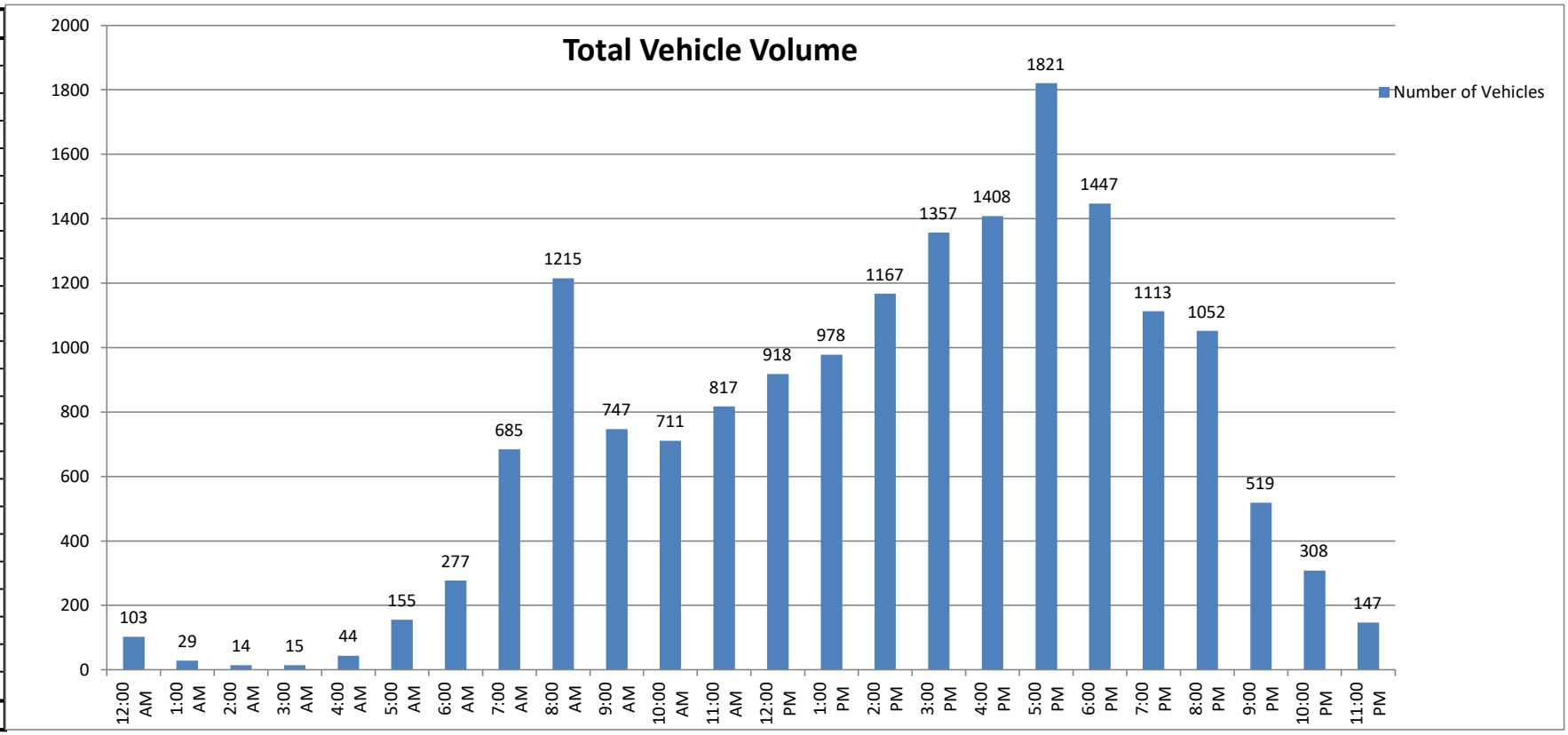
24 Hour Volume Plot

Walnut Avenue
B/ Culver Drive - Yale Avenue
4/10/2024

Start Time	4/10/2024
12:00 AM	103
1:00 AM	29
2:00 AM	14
3:00 AM	15
4:00 AM	44
5:00 AM	155
6:00 AM	277
7:00 AM	685
8:00 AM	1215
9:00 AM	747
10:00 AM	711
11:00 AM	817
12:00 PM	918
1:00 PM	978
2:00 PM	1167
3:00 PM	1357
4:00 PM	1408
5:00 PM	1821
6:00 PM	1447
7:00 PM	1113
8:00 PM	1052
9:00 PM	519
10:00 PM	308
11:00 PM	147
Total	17047



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Walnut Avenue
B/ Culver Drive - Yale Avenue

File Name 384
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	95			11	123				
12:15	22	114			5	112				
12:30	11	98			8	99				
12:45	11	110	63	416	3	109	27	443	90	858
1:00	11	124			3	98				
1:15	7	122			3	111				
1:30	3	112			1	107				
1:45	4	120	24	477	3	112	10	428	33	905
2:00	3	115			1	132				
2:15	5	182			1	199				
2:30	4	146			1	148				
2:45	1	125	13	567	1	145	4	623	16	1190
3:00	4	132			1	171				
3:15	2	135			0	172				
3:30	2	135			1	166				
3:45	3	226	11	628	5	236	7	744	17	1371
4:00	3	173			4	211				
4:15	5	158			6	183				
4:30	4	170			8	189				
4:45	9	188	21	688	9	185	26	767	47	1455
5:00	15	226			8	219				
5:15	20	225			10	213				
5:30	38	237			13	219				
5:45	27	228	99	915	24	214	54	864	153	1779
6:00	18	237			28	214				
6:15	17	212			27	188				
6:30	33	189			37	174				
6:45	56	153	123	791	66	141	157	717	279	1507
7:00	33	162			77	157				
7:15	60	161			71	100				
7:30	55	125			93	100				
7:45	103	133	250	581	176	108	417	465	667	1045
8:00	151	147			214	173				
8:15	165	141			223	134				
8:30	133	123			123	92				
8:45	93	83	541	493	108	63	668	461	1208	954
9:00	93	87			101	74				
9:15	80	67			89	51				
9:30	84	62			96	48				
9:45	98	59	355	274	114	45	400	218	755	492
10:00	89	62			96	54				
10:15	74	47			92	28				
10:30	75	39			85	24				
10:45	102	38	340	184	106	21	377	126	717	310
11:00	91	28			99	19				
11:15	92	32			101	14				
11:30	103	17			97	9				
11:45	115	20	400	96	112	10	408	52	808	148
Totals	2237	6108			2552	5905				
Combined Totals		8344				8457				
ADT										16801
AM Peak Hour	745	AM			745	AM				
Volume	551				736					
P.H.F.	0.837				0.826					
PM Peak Hour		515	PM			500	PM			
Volume		927				864				
P.H.F.		0.977				0.986				
Percentage	26.8%	73.2%			30.2%	69.8%				

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City of Irvine
Walnut Avenue
B/ Jamboree Road - Harvard Avenue

File Name 382
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	14	104			8	100				
12:15	11	80			6	120				
12:30	13	84			6	110				
12:45	6	82	44	350	2	103	22	433	66	783
1:00	10	91			1	116				
1:15	7	95			4	108				
1:30	2	87			0	115				
1:45	3	96	22	369	2	107	7	446	29	815
2:00	8	104			4	135				
2:15	3	95			3	113				
2:30	2	102			1	154				
2:45	0	106	13	407	2	142	10	544	23	951
3:00	2	92			0	130				
3:15	2	105			3	168				
3:30	3	122			3	168				
3:45	5	139	12	458	7	165	13	631	25	1089
4:00	8	133			6	174				
4:15	5	164			13	166				
4:30	6	116			10	186				
4:45	10	177	29	590	16	201	45	727	74	1317
5:00	6	200			14	188				
5:15	11	194			25	198				
5:30	9	176			23	204				
5:45	14	204	40	774	34	224	96	814	136	1588
6:00	22	140			32	202				
6:15	18	144			40	162				
6:30	25	145			52	163				
6:45	34	144	99	573	73	142	197	669	296	1242
7:00	41	150			76	126				
7:15	54	109			122	118				
7:30	56	101			128	104				
7:45	82	72	233	432	148	106	474	454	707	886
8:00	90	92			178	104				
8:15	66	90			196	85				
8:30	54	94			171	83				
8:45	78	82	288	358	156	58	701	330	989	688
9:00	70	80			110	70				
9:15	72	76			107	60				
9:30	72	56			124	41				
9:45	76	56	290	268	98	78	439	249	729	517
10:00	82	44			98	34				
10:15	64	34			102	33				
10:30	61	26			98	15				
10:45	81	26	288	130	109	14	407	96	695	226
11:00	86	21			100	21				
11:15	80	20			98	9				
11:30	90	19			90	12				
11:45	92	10	348	70	89	11	377	53	725	123
Totals	1706	4779			2788	5446				
Combined Totals		6485				8234				
ADT										14719
AM Peak Hour	1100	AM			800	AM				
Volume	348				701					
P.H.F.	0.946				0.894					
PM Peak Hour		500	PM			515	PM			
Volume		774				828				
P.H.F.		0.949				0.924				
Percentage	26.3%	73.7%			33.9%	66.1%				

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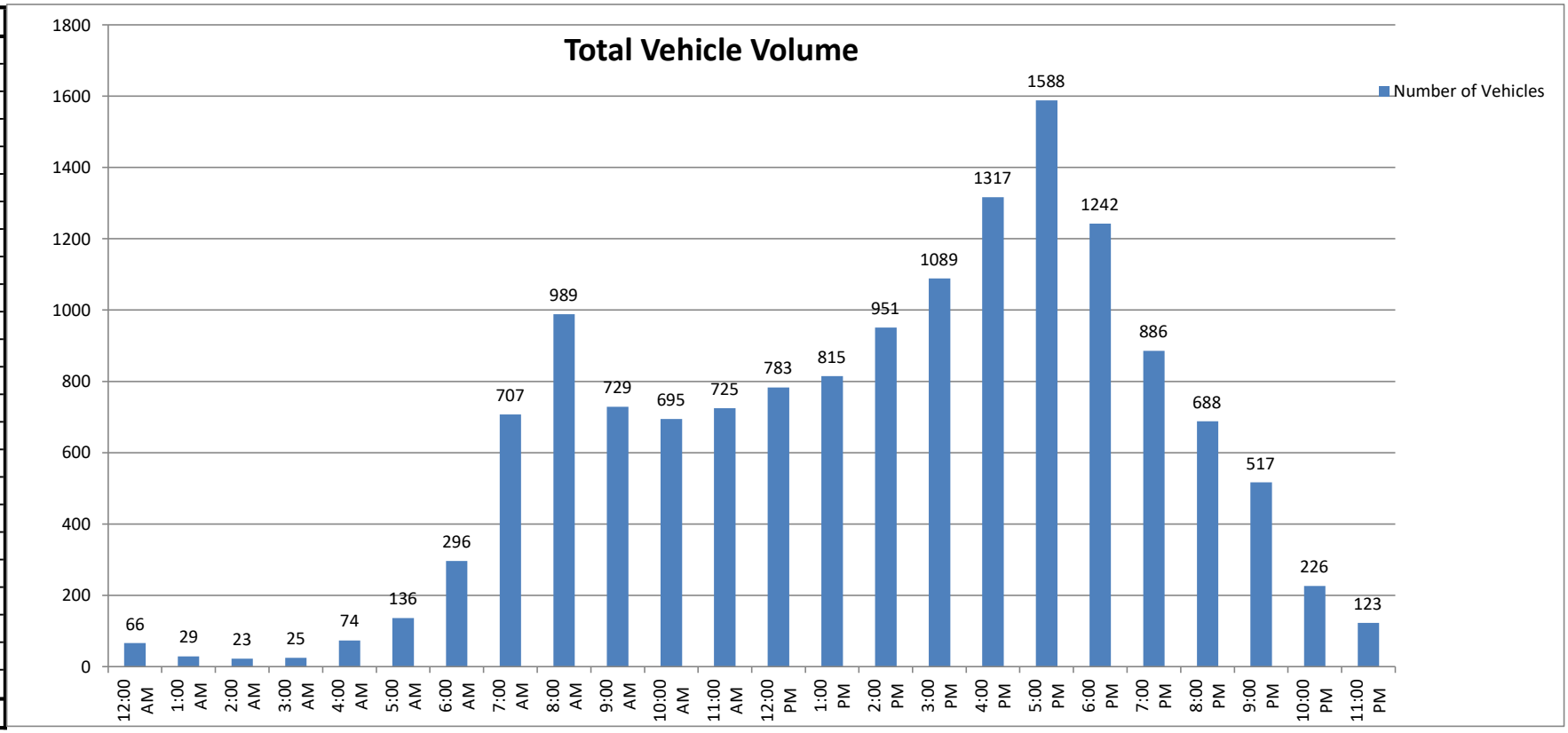
24 Hour Volume Plot

Walnut Avenue
B/ Jamboree Road - Harvard Avenue

4/9/2024

Start Time	4/9/2024
12:00 AM	66
1:00 AM	29
2:00 AM	23
3:00 AM	25
4:00 AM	74
5:00 AM	136
6:00 AM	296
7:00 AM	707
8:00 AM	989
9:00 AM	729
10:00 AM	695
11:00 AM	725
12:00 PM	783
1:00 PM	815
2:00 PM	951
3:00 PM	1089
4:00 PM	1317
5:00 PM	1588
6:00 PM	1242
7:00 PM	886
8:00 PM	688
9:00 PM	517
10:00 PM	226
11:00 PM	123
Total	14719



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City of Irvine
Walnut Avenue
B/ Jamboree Road - Harvard Avenue

File Name 382
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	104			4	112				
12:15	13	92			8	114				
12:30	10	98			4	116				
12:45	9	120	51	414	3	124	19	466	70	880
1:00	10	118			2	118				
1:15	11	86			2	126				
1:30	3	112			2	118				
1:45	3	118	27	434	4	140	10	502	37	936
2:00	2	98			4	126				
2:15	4	98			1	152				
2:30	4	74			1	152				
2:45	3	117	13	387	2	168	8	598	21	985
3:00	2	112			2	182				
3:15	2	102			0	155				
3:30	2	136			6	179				
3:45	4	110	10	460	6	206	14	722	24	1182
4:00	3	110			6	196				
4:15	4	156			8	163				
4:30	4	180			9	184				
4:45	8	183	19	629	18	181	41	724	60	1353
5:00	12	186			18	168				
5:15	10	210			25	190				
5:30	16	162			25	194				
5:45	24	172	62	730	36	224	104	776	166	1506
6:00	16	194			31	174				
6:15	22	170			45	198				
6:30	30	152			54	159				
6:45	32	132	100	648	94	152	224	683	324	1331
7:00	38	137			92	161				
7:15	66	129			98	118				
7:30	74	120			150	104				
7:45	82	100	260	486	134	116	474	499	734	985
8:00	98	110			171	103				
8:15	78	98			188	112				
8:30	68	90			150	90				
8:45	66	72	310	370	140	81	649	386	959	756
9:00	93	70			135	67				
9:15	86	68			116	38				
9:30	79	47			102	53				
9:45	71	43	329	228	112	49	465	207	794	435
10:00	76	41			104	60				
10:15	70	34			120	43				
10:30	74	48			102	17				
10:45	79	27	299	150	124	25	450	145	749	295
11:00	86	38			98	14				
11:15	104	31			80	17				
11:30	114	13			114	12				
11:45	115	15	419	97	124	7	416	50	835	147
Totals	1899	5033			2874	5758				
Combined Totals		6932				8632				
ADT										15564
AM Peak Hour	1100	AM			800	AM				
Volume	419				649					
P.H.F.	0.911				0.863					
PM Peak Hour		430	PM			530	PM			
Volume		759				790				
P.H.F.		0.904				0.882				
Percentage	27.4%	72.6%			33.3%	66.7%				

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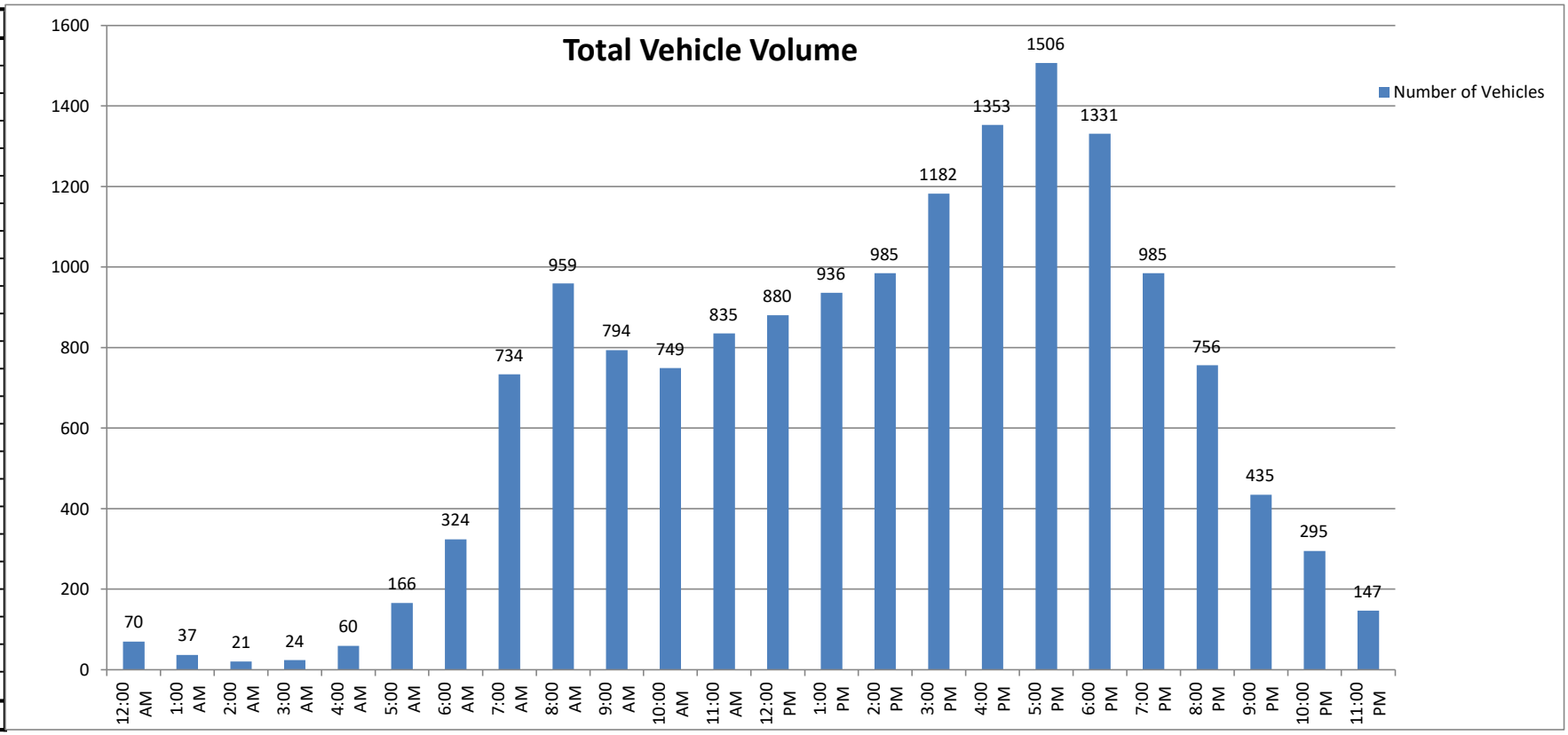
24 Hour Volume Plot

Walnut Avenue
B/ Jamboree Road - Harvard Avenue
4/10/2024

Start Time	4/10/2024
12:00 AM	70
1:00 AM	37
2:00 AM	21
3:00 AM	24
4:00 AM	60
5:00 AM	166
6:00 AM	324
7:00 AM	734
8:00 AM	959
9:00 AM	794
10:00 AM	749
11:00 AM	835
12:00 PM	880
1:00 PM	936
2:00 PM	985
3:00 PM	1182
4:00 PM	1353
5:00 PM	1506
6:00 PM	1331
7:00 PM	985
8:00 PM	756
9:00 PM	435
10:00 PM	295
11:00 PM	147
Total	15564



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City of Irvine
Walnut Avenue
B/ Jamboree Road - Harvard Avenue

File Name 382
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	104			6	106				
12:15	12	86			7	117				
12:30	12	91			5	113				
12:45	8	101	48	382	3	114	21	450	68	832
1:00	10	105			2	117				
1:15	9	91			3	117				
1:30	3	100			1	117				
1:45	3	107	25	402	3	124	9	474	33	876
2:00	5	101			4	131				
2:15	4	97			2	133				
2:30	3	88			1	153				
2:45	2	112	13	397	2	155	9	571	22	968
3:00	2	102			1	156				
3:15	2	104			2	162				
3:30	3	129			5	174				
3:45	5	125	11	459	7	186	14	677	25	1136
4:00	6	122			6	185				
4:15	5	160			11	165				
4:30	5	148			10	185				
4:45	9	180	24	610	17	191	43	726	67	1335
5:00	9	193			16	178				
5:15	11	202			25	194				
5:30	13	169			24	199				
5:45	19	188	51	752	35	224	100	795	151	1547
6:00	19	167			32	188				
6:15	20	157			43	180				
6:30	28	149			53	161				
6:45	33	138	100	611	84	147	211	676	310	1287
7:00	40	144			84	144				
7:15	60	119			110	118				
7:30	65	111			139	104				
7:45	82	86	247	459	141	111	474	477	721	936
8:00	94	101			175	104				
8:15	72	94			192	99				
8:30	61	92			161	87				
8:45	72	77	299	364	148	70	675	358	974	722
9:00	82	75			123	69				
9:15	79	72			112	49				
9:30	76	52			113	47				
9:45	74	50	310	248	105	64	452	228	762	476
10:00	79	43			101	47				
10:15	67	34			111	38				
10:30	68	37			100	16				
10:45	80	27	294	140	117	20	429	121	722	261
11:00	86	30			99	18				
11:15	92	26			89	13				
11:30	102	16			102	12				
11:45	104	13	384	84	107	9	397	52	780	135
Totals	1803	4906			2831	5602				
Combined Totals		6709				8433				
ADT										15142
AM Peak Hour	1100	AM			800	AM				
Volume	384				675					
P.H.F.	0.926				0.879					
PM Peak Hour		500	PM			515	PM			
Volume		752				805				
P.H.F.		0.931				0.898				
Percentage	26.9%	73.1%			33.6%	66.4%				

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City of Irvine
Walnut Avenue
B/ Myford Road - Jamboree Road

File Name 381
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	118			8	100				
12:15	10	118			9	100				
12:30	10	104			4	92				
12:45	7	98	34	438	5	97	26	389	60	827
1:00	9	112			4	124				
1:15	2	144			4	117				
1:30	2	133			3	95				
1:45	1	107	14	496	2	126	13	462	27	958
2:00	6	141			3	114				
2:15	2	122			4	118				
2:30	1	147			3	138				
2:45	1	126	10	536	4	130	14	500	24	1036
3:00	1	130			5	126				
3:15	1	148			6	188				
3:30	4	190			2	152				
3:45	8	160	14	628	2	164	15	630	29	1258
4:00	6	218			5	128				
4:15	6	202			6	169				
4:30	4	198			6	166				
4:45	6	192	22	810	15	221	32	684	54	1494
5:00	8	292			16	210				
5:15	12	232			19	210				
5:30	18	241			20	200				
5:45	15	197	53	962	48	248	103	868	156	1830
6:00	51	178			24	180				
6:15	25	166			45	136				
6:30	36	192			60	138				
6:45	40	145	152	681	86	132	215	586	367	1267
7:00	57	158			80	114				
7:15	70	111			89	118				
7:30	78	108			129	82				
7:45	114	68	319	445	162	67	460	381	779	826
8:00	142	112			168	91				
8:15	94	73			188	78				
8:30	82	99			192	65				
8:45	87	60	405	344	194	59	742	293	1147	637
9:00	108	74			126	48				
9:15	86	67			124	35				
9:30	103	54			114	32				
9:45	80	43	377	238	78	40	442	155	819	393
10:00	96	56			90	23				
10:15	74	32			104	23				
10:30	76	26			78	11				
10:45	94	12	340	126	96	13	368	70	708	196
11:00	92	18			76	16				
11:15	106	17			78	13				
11:30	106	14			75	10				
11:45	116	4	420	53	84	10	313	49	733	102
Totals	2160	5757			2743	5067				
Combined Totals		7917				7810				
ADT										15727
AM Peak Hour	745	AM			800	AM				
Volume	432				742					
P.H.F.	0.761				0.956					
PM Peak Hour		500	PM			500	PM			
Volume		962				868				
P.H.F.		0.824				0.875				
Percentage	27.3%	72.7%			35.1%	64.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

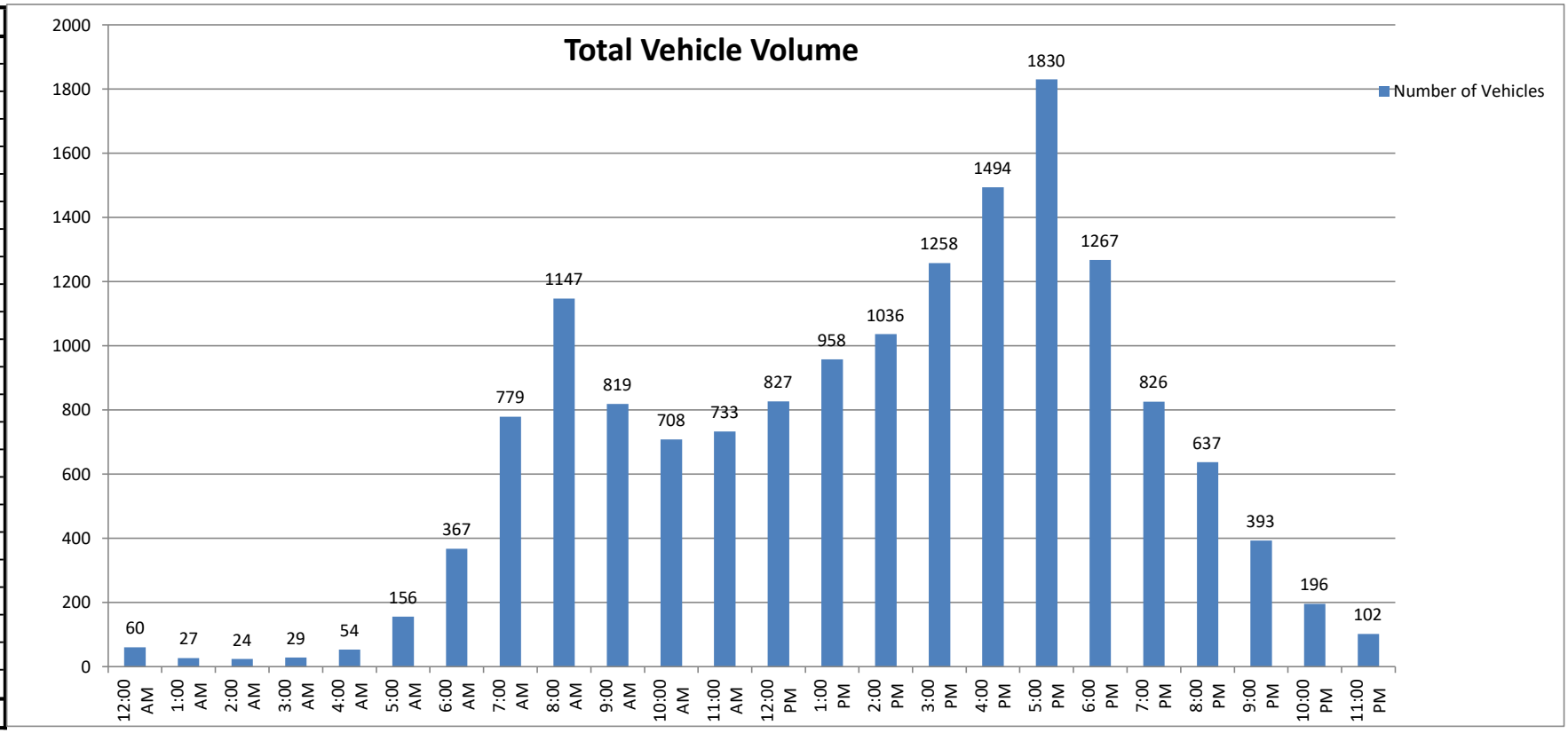
Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Walnut Avenue
B/ Myford Road - Jamboree Road

4/9/2024

Start Time	4/9/2024
12:00 AM	60
1:00 AM	27
2:00 AM	24
3:00 AM	29
4:00 AM	54
5:00 AM	156
6:00 AM	367
7:00 AM	779
8:00 AM	1147
9:00 AM	819
10:00 AM	708
11:00 AM	733
12:00 PM	827
1:00 PM	958
2:00 PM	1036
3:00 PM	1258
4:00 PM	1494
5:00 PM	1830
6:00 PM	1267
7:00 PM	826
8:00 PM	637
9:00 PM	393
10:00 PM	196
11:00 PM	102
Total	15727



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Walnut Avenue
B/ Myford Road - Jamboree Road

File Name 381
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	154			8	98				
12:15	14	115			8	114				
12:30	5	116			2	112				
12:45	7	110	45	495	5	121	23	445	68	940
1:00	7	136			5	129				
1:15	5	106			2	130				
1:30	3	146			2	110				
1:45	5	121	20	509	1	144	10	513	30	1022
2:00	2	144			5	126				
2:15	1	98			2	107				
2:30	7	118			0	119				
2:45	2	150	12	510	2	132	9	484	21	994
3:00	2	156			2	148				
3:15	4	142			3	170				
3:30	6	194			6	153				
3:45	4	164	16	656	1	182	12	653	28	1309
4:00	0	182			4	180				
4:15	4	220			8	220				
4:30	2	210			6	186				
4:45	7	224	13	836	19	192	37	778	50	1614
5:00	11	326			21	172				
5:15	14	266			25	166				
5:30	13	231			26	199				
5:45	22	203	60	1026	41	222	113	759	173	1785
6:00	28	236			44	153				
6:15	29	172			53	174				
6:30	38	200			74	120				
6:45	40	130	135	738	101	122	272	569	407	1307
7:00	57	154			88	130				
7:15	81	122			76	108				
7:30	116	120			130	100				
7:45	140	76	394	472	153	78	447	416	841	888
8:00	106	110			169	90				
8:15	109	80			158	103				
8:30	102	98			176	85				
8:45	103	54	420	342	146	57	649	335	1069	677
9:00	108	45			152	44				
9:15	100	60			128	46				
9:30	96	50			99	28				
9:45	82	52	386	207	88	39	467	157	853	364
10:00	96	46			104	29				
10:15	83	31			92	23				
10:30	80	48			74	18				
10:45	102	18	361	143	72	24	342	94	703	237
11:00	90	20			86	12				
11:15	86	15			72	16				
11:30	121	9			98	10				
11:45	118	7	415	51	101	9	357	47	772	98
Totals	2277	5985			2738	5250				
Combined Totals		8262				7988				
ADT										16250
AM Peak Hour	730	AM			745	AM				
Volume	471				656					
P.H.F.	0.841				0.932					
PM Peak Hour		445	PM			400	PM			
Volume		1047				778				
P.H.F.		0.803				0.884				
Percentage	27.6%	72.4%			34.3%	65.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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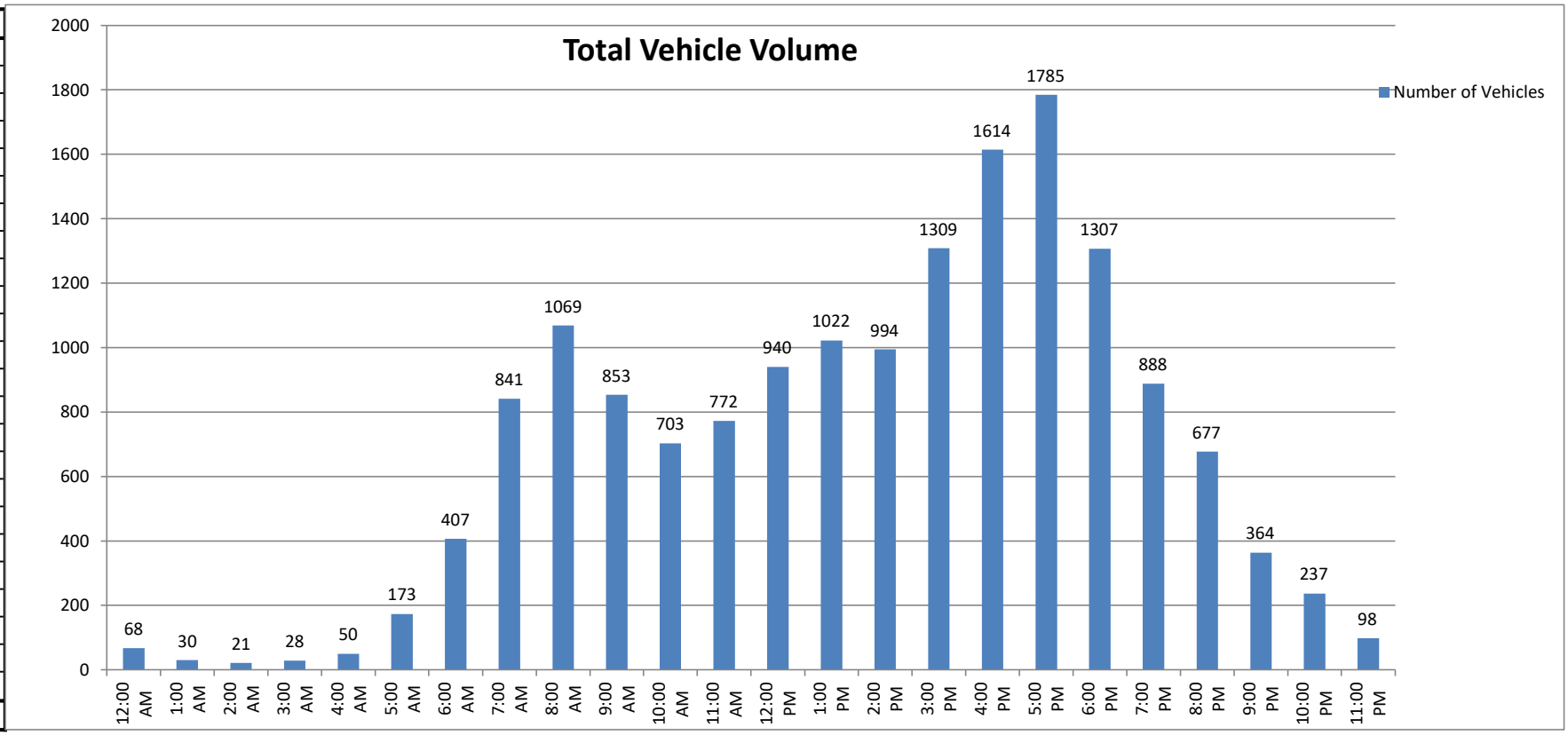
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Walnut Avenue
B/ Myford Road - Jamboree Road

4/10/2024

Start Time	4/10/2024
12:00 AM	68
1:00 AM	30
2:00 AM	21
3:00 AM	28
4:00 AM	50
5:00 AM	173
6:00 AM	407
7:00 AM	841
8:00 AM	1069
9:00 AM	853
10:00 AM	703
11:00 AM	772
12:00 PM	940
1:00 PM	1022
2:00 PM	994
3:00 PM	1309
4:00 PM	1614
5:00 PM	1785
6:00 PM	1307
7:00 PM	888
8:00 PM	677
9:00 PM	364
10:00 PM	237
11:00 PM	98
Total	16250



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Walnut Avenue
B/ Myford Road - Jamboree Road

File Name 381
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	136			8	99				
12:15	12	117			9	107				
12:30	8	110			3	102				
12:45	7	104	40	467	5	109	25	417	64	884
1:00	8	124			5	127				
1:15	4	125			3	124				
1:30	3	140			3	103				
1:45	3	114	17	503	2	135	12	488	29	990
2:00	4	143			4	120				
2:15	2	110			3	113				
2:30	4	133			2	129				
2:45	2	138	11	523	3	131	12	492	23	1015
3:00	2	143			4	137				
3:15	3	145			5	179				
3:30	5	192			4	153				
3:45	6	162	15	642	2	173	14	642	29	1284
4:00	3	200			5	154				
4:15	5	211			7	195				
4:30	3	204			6	176				
4:45	7	208	18	823	17	207	35	731	52	1554
5:00	10	309			19	191				
5:15	13	249			22	188				
5:30	16	236			23	200				
5:45	19	200	57	994	45	235	108	814	165	1808
6:00	40	207			34	167				
6:15	27	169			49	155				
6:30	37	196			67	129				
6:45	40	138	144	710	94	127	244	578	387	1287
7:00	57	156			84	122				
7:15	76	117			83	113				
7:30	97	114			130	91				
7:45	127	72	357	459	158	73	454	399	810	857
8:00	124	111			169	91				
8:15	102	77			173	91				
8:30	92	99			184	75				
8:45	95	57	413	343	170	58	696	314	1108	657
9:00	108	60			139	46				
9:15	93	64			126	41				
9:30	100	52			107	30				
9:45	81	48	382	223	83	40	455	156	836	379
10:00	96	51			97	26				
10:15	79	32			98	23				
10:30	78	37			76	15				
10:45	98	15	351	135	84	19	355	82	706	217
11:00	91	19			81	14				
11:15	96	16			75	15				
11:30	114	12			87	10				
11:45	117	6	418	52	93	10	335	48	753	100
Totals	2219	5871			2741	5159				
Combined Totals		8090				7899				
ADT										15989
AM Peak Hour	730	AM			800	AM				
Volume	450				696					
P.H.F.	0.885				0.945					
PM Peak Hour		445	PM			500	PM			
Volume		1002				814				
P.H.F.		0.811				0.865				
Percentage	27.4%	72.6%			34.7%	65.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Irvine
Walnut Avenue
W/ Jeffrey Road
24 Hour Directional Volume Count

IRV164
Site Code: 051-24139

Start Time	2/28/24 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		15	129			12	119				
12:15		2	177			14	119				
12:30		8	141			6	129				
12:45		9	165	34	612	6	120	38	487	72	1099
01:00		2	153			3	135				
01:15		0	169			3	98				
01:30		4	159			5	117				
01:45		1	131	7	612	4	129	15	479	22	1091
02:00		1	196			1	126				
02:15		5	155			1	119				
02:30		2	169			3	133				
02:45		2	143	10	663	5	138	10	516	20	1179
03:00		3	139			2	151				
03:15		4	141			5	163				
03:30		8	148			1	159				
03:45		5	175	20	603	4	152	12	625	32	1228
04:00		5	150			2	161				
04:15		15	132			2	153				
04:30		14	170			2	158				
04:45		15	147	49	599	3	**191**	9	663	58	1262
05:00		16	169			6	**174**				
05:15		26	**156**			7	**215**				
05:30		25	**188**			22	**183**				
05:45		26	**160**	93	673	26	179	61	751	154	1424
06:00		31	**199**			15	161				
06:15		28	133			23	167				
06:30		54	136			29	127				
06:45		51	132	164	600	30	136	97	591	261	1191
07:00		83	167			36	108				
07:15		83	139			55	105				
07:30		109	112			73	88				
07:45		118	100	393	518	113	107	277	408	670	926
08:00		**132**	114			**121**	75				
08:15		**142**	102			**124**	80				
08:30		**132**	78			**100**	76				
08:45		**122**	67	528	361	**131**	68	476	299	1004	660
09:00		131	74			100	60				
09:15		128	61			83	72				
09:30		123	75			87	58				
09:45		109	60	491	270	90	31	360	221	851	491
10:00		112	53			85	24				
10:15		107	31			96	36				
10:30		135	31			89	28				
10:45		129	30	483	145	110	24	380	112	863	257
11:00		107	33			97	24				
11:15		124	7			117	22				
11:30		110	9			109	23				
11:45		141	8	482	57	132	12	455	81	937	138
Total		2754	5713	2754	5713	2190	5233	2190	5233	4944	10946
Combined Total		8467		8467		7423		7423		15890	
AM Peak	-	08:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	528	-	-	-	476	-	-	-	-	-
P.H.F.		0.930				0.908					
PM Peak	-	-	05:15	-	-	-	04:45	-	-	-	-
Vol.	-	-	703	-	-	-	763	-	-	-	-
P.H.F.			0.883				0.887				
Percentage		32.5%	67.5%			29.5%	70.5%				
ADT/AADT		ADT 15,890		AADT 15,890							

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Walnut Avenue
B/ Yale Avenue - Jeffrey Road

File Name 385
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	65			7	68				
12:15	10	55			9	80				
12:30	4	68			9	72				
12:45	5	72	26	260	3	69	28	289	54	549
1:00	2	74			1	72				
1:15	3	77			4	68				
1:30	2	71			2	74				
1:45	4	70	11	292	2	84	9	298	20	590
2:00	1	70			1	119				
2:15	3	88			1	107				
2:30	1	117			2	94				
2:45	0	104	5	379	1	98	5	418	10	797
3:00	5	111			2	118				
3:15	0	90			3	132				
3:30	1	88			0	124				
3:45	3	99	9	388	1	124	6	498	15	886
4:00	4	108			4	122				
4:15	6	112			3	130				
4:30	15	92			5	135				
4:45	7	98	32	410	3	134	15	521	47	931
5:00	9	98			6	132				
5:15	9	113			7	132				
5:30	16	104			20	157				
5:45	16	142	50	457	12	162	45	583	95	1040
6:00	17	105			7	106				
6:15	17	96			14	120				
6:30	36	87			13	110				
6:45	41	70	111	358	32	82	66	418	177	776
7:00	34	76			44	90				
7:15	57	72			40	66				
7:30	72	56			78	78				
7:45	86	58	249	262	135	72	297	306	546	568
8:00	128	54			123	53				
8:15	152	52			109	64				
8:30	136	38			67	56				
8:45	87	39	503	183	66	50	365	223	868	406
9:00	75	48			66	45				
9:15	64	42			65	42				
9:30	62	36			65	50				
9:45	67	30	268	156	72	18	268	155	536	311
10:00	63	32			58	39				
10:15	59	18			55	13				
10:30	58	16			68	26				
10:45	68	20	248	86	82	23	263	101	511	187
11:00	60	10			62	24				
11:15	66	13			60	15				
11:30	74	10			74	10				
11:45	80	12	280	45	82	4	278	53	558	98
Totals	1792	3276			1645	3863				
Combined Totals		5068				5508				
ADT										10576
AM Peak Hour	800	AM			730	AM				
Volume	503				445					
P.H.F.	0.827				0.824					
PM Peak Hour		515	PM			500	PM			
Volume		464				583				
P.H.F.		0.817				0.900				
Percentage	35.4%	64.6%			29.9%	70.1%				

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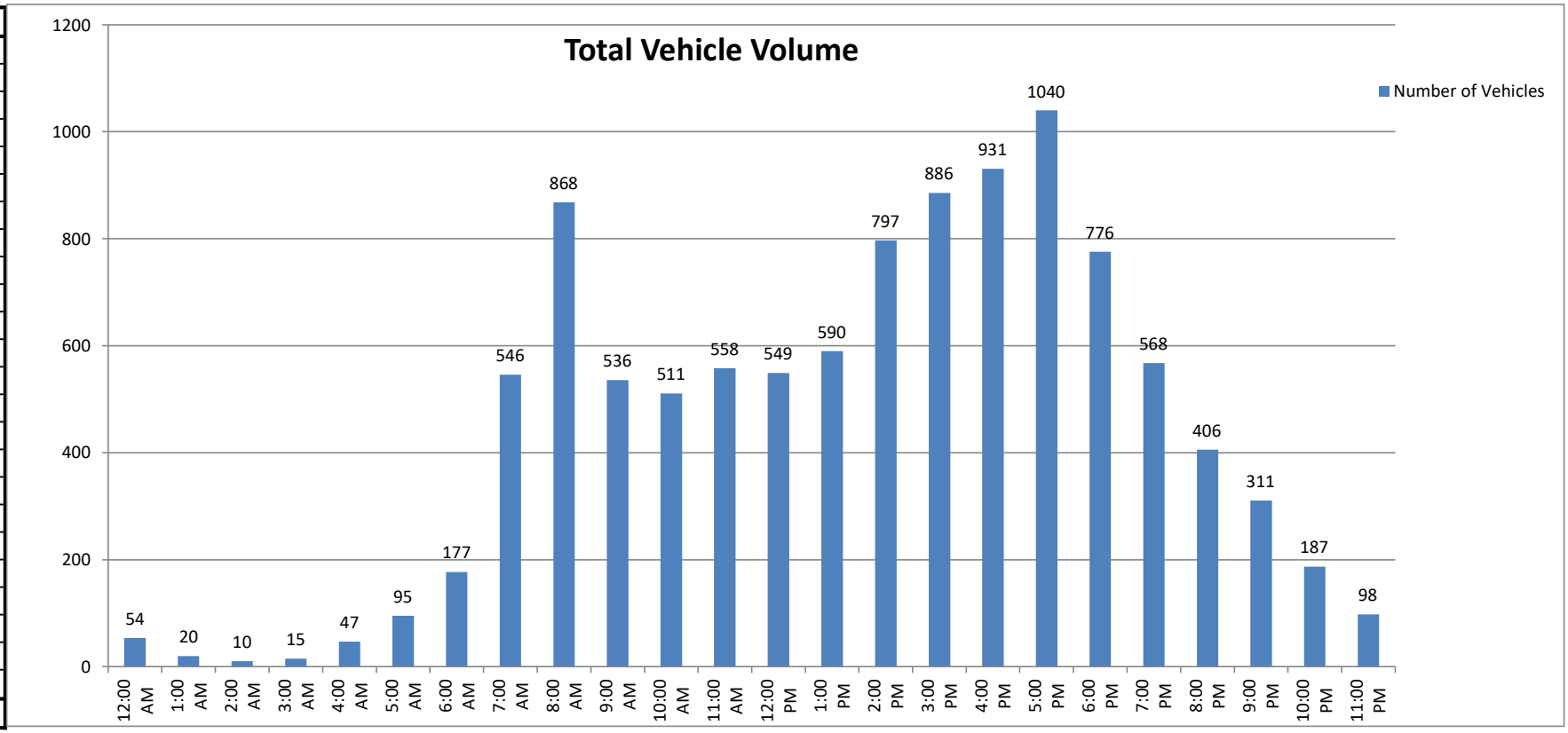
24 Hour Volume Plot

Walnut Avenue
B/ Yale Avenue - Jeffrey Road

4/9/2024

Start Time	4/9/2024
12:00 AM	54
1:00 AM	20
2:00 AM	10
3:00 AM	15
4:00 AM	47
5:00 AM	95
6:00 AM	177
7:00 AM	546
8:00 AM	868
9:00 AM	536
10:00 AM	511
11:00 AM	558
12:00 PM	549
1:00 PM	590
2:00 PM	797
3:00 PM	886
4:00 PM	931
5:00 PM	1040
6:00 PM	776
7:00 PM	568
8:00 PM	406
9:00 PM	311
10:00 PM	187
11:00 PM	98
Total	10576



Volumes represent the combined totals for both directions

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City of Irvine
Walnut Avenue
B/ Yale Avenue - Jeffrey Road

File Name 385
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
4/10/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	70			3	86				
12:15	9	92			8	79				
12:30	6	60			4	66				
12:45	6	66	29	288	4	118	19	349	48	637
1:00	1	89			4	96				
1:15	1	98			3	88				
1:30	1	92			3	74				
1:45	1	80	4	359	0	90	10	348	14	707
2:00	0	78			3	90				
2:15	3	102			1	98				
2:30	2	84			0	85				
2:45	1	80	6	344	1	100	5	373	11	717
3:00	4	83			3	114				
3:15	1	65			0	104				
3:30	2	70			2	117				
3:45	4	90	11	308	2	114	7	449	18	757
4:00	2	73			0	134				
4:15	1	84			2	124				
4:30	8	88			4	136				
4:45	12	89	23	334	3	130	9	524	32	858
5:00	8	102			2	122				
5:15	14	120			5	140				
5:30	12	124			17	134				
5:45	18	104	52	450	21	128	45	524	97	974
6:00	24	96			14	100				
6:15	16	119			13	88				
6:30	28	104			28	98				
6:45	40	70	108	389	33	82	88	368	196	757
7:00	59	72			39	77				
7:15	62	81			42	66				
7:30	62	81			73	72				
7:45	87	70	270	304	143	70	297	285	567	589
8:00	156	69			108	84				
8:15	152	64			111	92				
8:30	104	64			68	56				
8:45	94	42	506	239	67	44	354	276	860	515
9:00	102	45			67	55				
9:15	94	43			64	32				
9:30	80	31			60	43				
9:45	78	21	354	140	69	37	260	167	614	307
10:00	56	33			60	29				
10:15	54	22			58	32				
10:30	47	17			46	22				
10:45	55	17	212	89	68	23	232	106	444	195
11:00	58	19			62	18				
11:15	66	19			71	22				
11:30	74	11			70	10				
11:45	70	5	268	54	74	18	277	68	545	122
Totals	1843	3298			1603	3837				
Combined Totals		5141				5440				
ADT										10581
AM Peak Hour	800	AM			730	AM				
Volume	506				435					
P.H.F.	0.811				0.760					
PM Peak Hour		500	PM			430	PM			
Volume		450				528				
P.H.F.		0.907				0.943				
Percentage	35.8%	64.2%			29.5%	70.5%				

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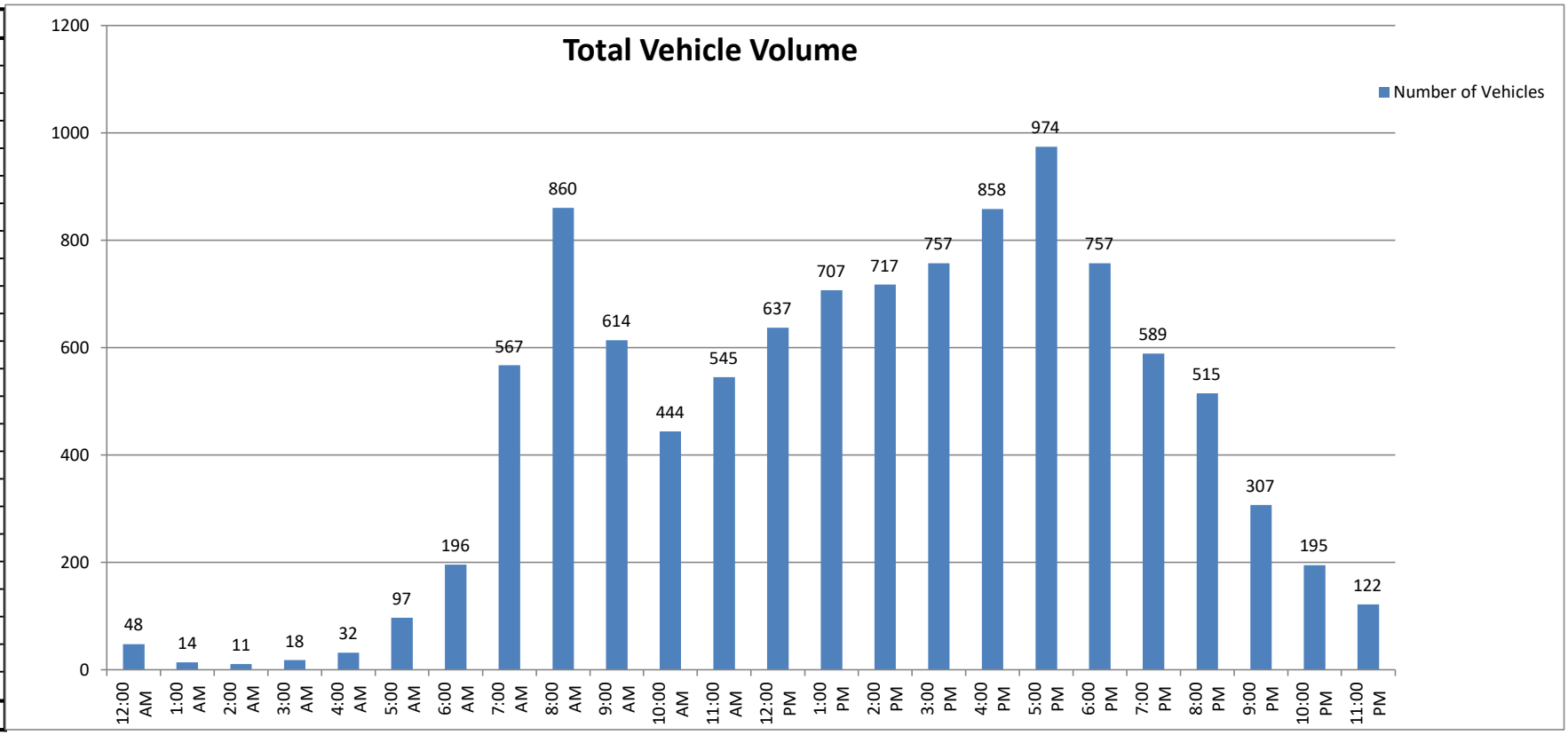
24 Hour Volume Plot

Walnut Avenue
B/ Yale Avenue - Jeffrey Road

4/10/2024

Start Time	4/10/2024
12:00 AM	48
1:00 AM	14
2:00 AM	11
3:00 AM	18
4:00 AM	32
5:00 AM	97
6:00 AM	196
7:00 AM	567
8:00 AM	860
9:00 AM	614
10:00 AM	444
11:00 AM	545
12:00 PM	637
1:00 PM	707
2:00 PM	717
3:00 PM	757
4:00 PM	858
5:00 PM	974
6:00 PM	757
7:00 PM	589
8:00 PM	515
9:00 PM	307
10:00 PM	195
11:00 PM	122
Total	10581



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Walnut Avenue
B/ Yale Avenue - Jeffrey Road

File Name 385
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	68			5	77				
12:15	10	74			9	80				
12:30	5	64			7	69				
12:45	6	69	28	274	4	94	24	319	51	593
1:00	2	82			3	84				
1:15	2	88			4	78				
1:30	2	82			3	74				
1:45	3	75	8	326	1	87	10	323	17	649
2:00	1	74			2	105				
2:15	3	95			1	103				
2:30	2	101			1	90				
2:45	1	92	6	362	1	99	5	396	11	757
3:00	5	97			3	116				
3:15	1	78			2	118				
3:30	2	79			1	121				
3:45	4	95	10	348	2	119	7	474	17	822
4:00	3	91			2	128				
4:15	4	98			3	127				
4:30	12	90			5	136				
4:45	10	94	28	372	3	132	12	523	40	895
5:00	9	100			4	127				
5:15	12	117			6	136				
5:30	14	114			19	146				
5:45	17	123	51	454	17	145	45	554	96	1007
6:00	21	101			11	103				
6:15	17	108			14	104				
6:30	32	96			21	104				
6:45	41	70	110	374	33	82	77	393	187	767
7:00	47	74			42	84				
7:15	60	77			41	66				
7:30	67	69			76	75				
7:45	87	64	260	283	139	71	297	296	557	579
8:00	142	62			116	69				
8:15	152	58			110	78				
8:30	120	51			68	56				
8:45	91	41	505	211	67	47	360	250	864	461
9:00	89	47			67	50				
9:15	79	43			65	37				
9:30	71	34			63	47				
9:45	73	26	311	148	71	28	264	161	575	309
10:00	60	33			59	34				
10:15	57	20			57	23				
10:30	53	17			57	24				
10:45	62	19	230	88	75	23	248	104	478	191
11:00	59	15			62	21				
11:15	66	16			66	19				
11:30	74	11			72	10				
11:45	75	9	274	50	78	11	278	61	552	110
Totals	1818	3287			1624	3850				
Combined Totals		5105				5474				
ADT										10579
AM Peak Hour	800	AM			730	AM				
Volume	505				440					
P.H.F.	0.830				0.791					
PM Peak Hour		515	PM			500	PM			
Volume		454				554				
P.H.F.		0.923				0.951				
Percentage	35.6%	64.4%			29.7%	70.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Culver Drive - West Yale Loop

File Name 389
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/22/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	64			1	61				
12:15	3	40			2	48				
12:30	4	50			1	47				
12:45	3	64	19	218	2	54	6	210	25	428
1:00	5	65			1	56				
1:15	2	65			0	74				
1:30	0	66			1	69				
1:45	2	62	9	258	2	72	4	271	13	529
2:00	2	66			0	40				
2:15	1	65			0	68				
2:30	1	71			1	69				
2:45	1	70	5	272	1	64	2	241	7	513
3:00	0	88			3	96				
3:15	4	76			1	95				
3:30	1	64			6	65				
3:45	2	85	7	313	2	55	12	311	19	624
4:00	1	82			3	98				
4:15	2	78			1	60				
4:30	0	82			5	89				
4:45	0	96	3	338	9	96	18	343	21	681
5:00	3	98			4	77				
5:15	4	88			11	79				
5:30	4	110			8	85				
5:45	8	98	19	394	20	60	43	301	62	695
6:00	7	96			31	78				
6:15	7	75			21	59				
6:30	12	101			38	55				
6:45	16	79	42	351	35	53	125	245	167	596
7:00	12	64			43	46				
7:15	21	56			61	59				
7:30	25	43			60	33				
7:45	56	63	114	226	85	32	249	170	363	396
8:00	50	54			125	43				
8:15	49	50			88	28				
8:30	39	53			64	18				
8:45	51	46	189	203	84	31	361	120	550	323
9:00	100	35			86	27				
9:15	48	34			102	18				
9:30	34	34			50	17				
9:45	25	32	207	135	54	16	292	78	499	213
10:00	34	32			49	10				
10:15	38	13			54	13				
10:30	41	22			52	8				
10:45	34	14	147	81	46	4	201	35	348	116
11:00	41	19			57	11				
11:15	51	11			60	5				
11:30	53	13			50	3				
11:45	46	7	191	50	62	4	229	23	420	73
Totals	952	2839			1542	2348				
Combined Totals		3791				3890				
ADT										7681
AM Peak Hour	815	AM			745	AM				
Volume	239				362					
P.H.F.	0.598				0.724					
PM Peak Hour		500	PM			400	PM			
Volume		394				343				
P.H.F.		0.895				0.875				
Percentage	25.1%	74.9%			39.6%	60.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

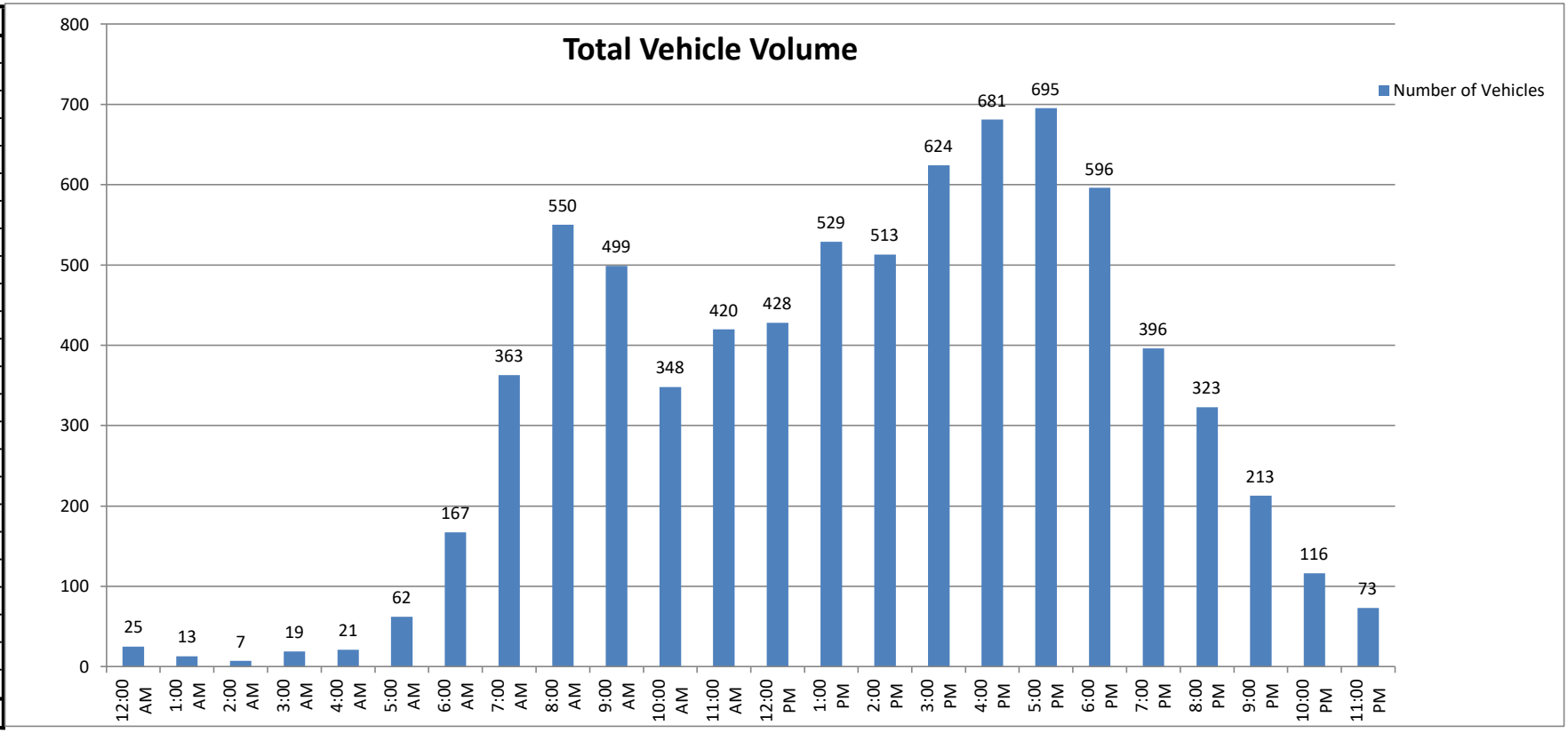
24 Hour Volume Plot

Warner Avenue

B/ Culver Drive - West Yale Loop

5/22/2024

Start Time	5/22/2024
12:00 AM	25
1:00 AM	13
2:00 AM	7
3:00 AM	19
4:00 AM	21
5:00 AM	62
6:00 AM	167
7:00 AM	363
8:00 AM	550
9:00 AM	499
10:00 AM	348
11:00 AM	420
12:00 PM	428
1:00 PM	529
2:00 PM	513
3:00 PM	624
4:00 PM	681
5:00 PM	695
6:00 PM	596
7:00 PM	396
8:00 PM	323
9:00 PM	213
10:00 PM	116
11:00 PM	73
Total	7681



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Culver Drive - West Yale Loop

File Name 389
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
5/23/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	51			3	56				
12:15	6	58			3	50				
12:30	5	52			2	58				
12:45	4	48	22	209	2	49	10	213	32	422
1:00	3	58			2	64				
1:15	1	68			1	50				
1:30	2	62			0	62				
1:45	2	64	8	252	0	57	3	233	11	485
2:00	1	70			2	70				
2:15	3	62			6	60				
2:30	7	83			0	66				
2:45	1	89	12	304	3	89	11	285	23	589
3:00	3	97			1	106				
3:15	2	74			2	96				
3:30	3	84			0	68				
3:45	0	80	8	335	3	72	6	342	14	677
4:00	1	93			4	95				
4:15	0	97			2	67				
4:30	1	80			4	74				
4:45	0	88	2	358	7	68	17	304	19	662
5:00	1	79			9	89				
5:15	6	104			14	78				
5:30	5	90			11	76				
5:45	6	98	18	371	17	66	51	309	69	680
6:00	7	92			23	64				
6:15	9	86			25	62				
6:30	12	64			24	73				
6:45	13	73	41	315	47	42	119	241	160	556
7:00	26	54			56	53				
7:15	34	68			70	33				
7:30	32	53			77	45				
7:45	69	62	161	237	92	51	295	182	456	419
8:00	74	40			148	36				
8:15	84	60			129	26				
8:30	46	52			86	21				
8:45	34	62	238	214	59	20	422	103	660	317
9:00	34	37			52	14				
9:15	39	32			46	22				
9:30	33	35			51	17				
9:45	32	31	138	135	44	16	193	69	331	204
10:00	46	26			55	11				
10:15	36	22			55	15				
10:30	29	20			55	7				
10:45	54	20	165	88	51	5	216	38	381	126
11:00	49	11			60	6				
11:15	41	12			66	6				
11:30	41	11			72	4				
11:45	56	7	187	41	60	3	258	19	445	60
Totals	1000	2859			1601	2338				
Combined Totals		3859				3939				
ADT										7798
AM Peak Hour	745	AM			745	AM				
Volume	273				455					
P.H.F.	0.813				0.769					
PM Peak Hour		515	PM			245	PM			
Volume		384				359				
P.H.F.		0.923				0.847				
Percentage	25.9%	74.1%			40.6%	59.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

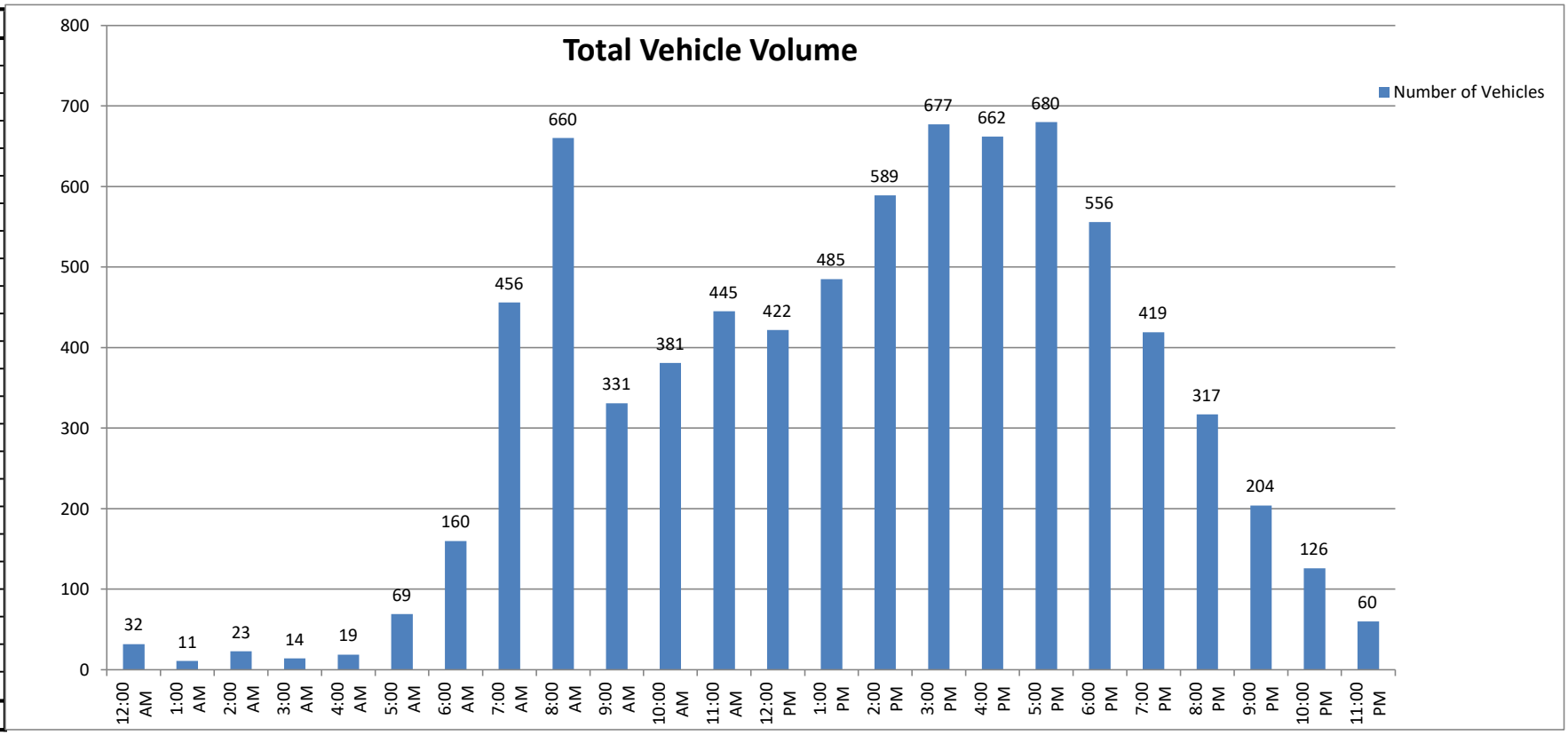
24 Hour Volume Plot

Warner Avenue

B/ Culver Drive - West Yale Loop

5/23/2024

Start Time	5/23/2024
12:00 AM	32
1:00 AM	11
2:00 AM	23
3:00 AM	14
4:00 AM	19
5:00 AM	69
6:00 AM	160
7:00 AM	456
8:00 AM	660
9:00 AM	331
10:00 AM	381
11:00 AM	445
12:00 PM	422
1:00 PM	485
2:00 PM	589
3:00 PM	677
4:00 PM	662
5:00 PM	680
6:00 PM	556
7:00 PM	419
8:00 PM	317
9:00 PM	204
10:00 PM	126
11:00 PM	60
Total	7798



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Culver Drive - West Yale Loop

File Name 389
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	58			2	59				
12:15	5	49			3	49				
12:30	5	51			2	53				
12:45	4	56	21	214	2	52	8	212	29	425
1:00	4	62			2	60				
1:15	2	67			1	62				
1:30	1	64			1	66				
1:45	2	63	9	255	1	65	4	252	12	507
2:00	2	68			1	55				
2:15	2	64			3	64				
2:30	4	77			1	68				
2:45	1	80	9	288	2	77	7	263	15	551
3:00	2	93			2	101				
3:15	3	75			2	96				
3:30	2	74			3	67				
3:45	1	83	8	324	3	64	9	327	17	651
4:00	1	88			4	97				
4:15	1	88			2	64				
4:30	1	81			5	82				
4:45	0	92	3	348	8	82	18	324	20	672
5:00	2	89			7	83				
5:15	5	96			13	79				
5:30	5	100			10	81				
5:45	7	98	19	383	19	63	47	305	66	688
6:00	7	94			27	71				
6:15	8	81			23	61				
6:30	12	83			31	64				
6:45	15	76	42	333	41	48	122	243	164	576
7:00	19	59			50	50				
7:15	28	62			66	46				
7:30	29	48			69	39				
7:45	63	63	138	232	89	42	272	176	410	408
8:00	62	47			137	40				
8:15	67	55			109	27				
8:30	43	53			75	20				
8:45	43	54	214	209	72	26	392	112	605	320
9:00	67	36			69	21				
9:15	44	33			74	20				
9:30	34	35			51	17				
9:45	29	32	173	135	49	16	243	74	415	209
10:00	40	29			52	11				
10:15	37	18			55	14				
10:30	35	21			54	8				
10:45	44	17	156	85	49	5	209	37	365	121
11:00	45	15			59	9				
11:15	46	12			63	6				
11:30	47	12			61	4				
11:45	51	7	189	46	61	4	244	21	433	67
Totals	976	2849			1572	2343				
Combined Totals		3825				3915				
ADT										7740
AM Peak Hour	745 AM				745 AM					
Volume	234				409					
P.H.F.	0.878				0.748					
PM Peak Hour		515 PM				230 PM				
Volume		388				341				
P.H.F.		0.970				0.843				
Percentage	25.5%	74.5%			40.1%	59.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Harvard Avenue - Paseo Westpark

File Name 387
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	92			1	90				
12:15	1	98			3	93				
12:30	3	84			3	100				
12:45	4	90	17	364	2	103	9	386	26	750
1:00	3	98			3	76				
1:15	0	84			4	85				
1:30	2	106			1	69				
1:45	2	100	7	388	2	84	10	314	17	702
2:00	0	90			1	94				
2:15	0	93			0	105				
2:30	2	137			1	106				
2:45	4	113	6	433	1	114	3	419	9	852
3:00	1	108			1	142				
3:15	0	101			1	148				
3:30	0	119			1	123				
3:45	3	154	4	482	4	113	7	526	11	1008
4:00	1	100			6	111				
4:15	2	134			5	133				
4:30	1	131			6	137				
4:45	2	144	6	509	10	119	27	500	33	1009
5:00	4	174			5	137				
5:15	5	167			11	127				
5:30	10	149			16	126				
5:45	8	147	27	637	26	120	58	510	85	1147
6:00	21	158			30	118				
6:15	17	121			26	126				
6:30	14	111			35	101				
6:45	32	108	84	498	49	91	140	436	224	934
7:00	33	114			46	79				
7:15	56	96			69	68				
7:30	44	104			106	85				
7:45	88	98	221	412	122	56	343	288	564	700
8:00	97	89			113	54				
8:15	87	67			152	48				
8:30	73	75			102	35				
8:45	70	52	327	283	96	30	463	167	790	450
9:00	61	49			92	32				
9:15	64	40			93	33				
9:30	58	38			90	28				
9:45	57	22	240	149	83	26	358	119	598	268
10:00	52	29			97	26				
10:15	75	25			86	16				
10:30	65	16			77	5				
10:45	100	20	292	90	73	6	333	53	625	143
11:00	73	12			82	7				
11:15	88	6			84	9				
11:30	85	6			79	8				
11:45	70	9	316	33	95	9	340	33	656	66
Totals	1547	4278			2091	3751				
Combined Totals		5825				5842				
ADT										11667
AM Peak Hour	1045	AM			730	AM				
Volume	346				493					
P.H.F.	0.865				0.811					
PM Peak Hour		500	PM			245	PM			
Volume		637				527				
P.H.F.		0.915				0.890				
Percentage	26.6%	73.4%			35.8%	64.2%				

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Corona, CA 92878

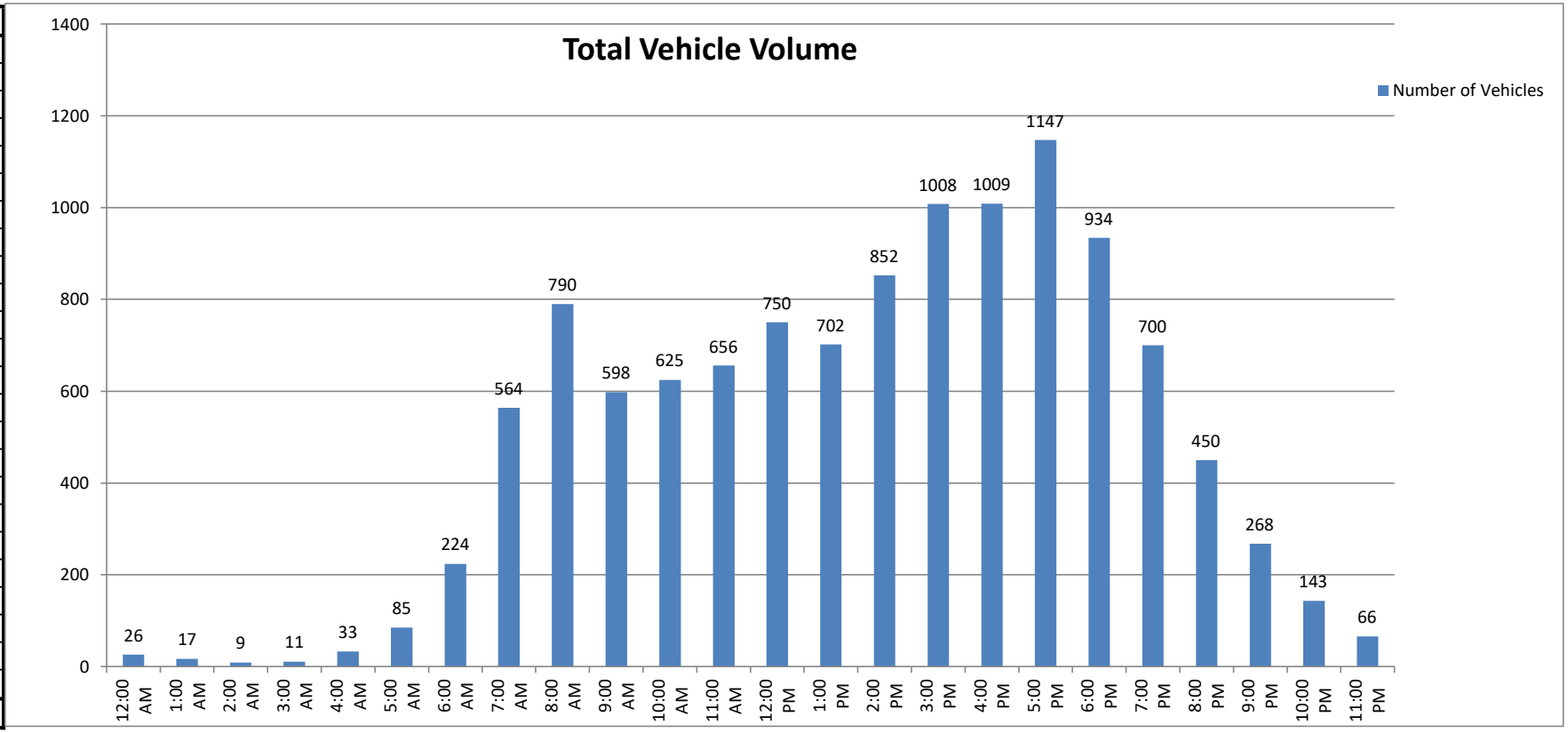
24 Hour Volume Plot

Warner Avenue

B/ Harvard Avenue - Paseo Westpark

11/28/2023

Start Time	11/28/2023
12:00 AM	26
1:00 AM	17
2:00 AM	9
3:00 AM	11
4:00 AM	33
5:00 AM	85
6:00 AM	224
7:00 AM	564
8:00 AM	790
9:00 AM	598
10:00 AM	625
11:00 AM	656
12:00 PM	750
1:00 PM	702
2:00 PM	852
3:00 PM	1008
4:00 PM	1009
5:00 PM	1147
6:00 PM	934
7:00 PM	700
8:00 PM	450
9:00 PM	268
10:00 PM	143
11:00 PM	66
Total	11667



Volumes represent the combined totals for both directions

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City of Irvine
Warner Avenue
B/ Harvard Avenue - Paseo Westpark

File Name 387
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	100			8	113				
12:15	8	80			1	84				
12:30	4	115			4	94				
12:45	7	91	26	386	1	76	14	367	40	753
1:00	6	137			4	101				
1:15	3	106			1	118				
1:30	1	119			1	104				
1:45	1	81	11	443	0	118	6	441	17	884
2:00	1	109			0	108				
2:15	1	102			3	92				
2:30	2	130			2	106				
2:45	1	123	5	464	2	105	7	411	12	875
3:00	0	140			2	92				
3:15	0	116			2	129				
3:30	2	118			3	116				
3:45	1	115	3	489	3	124	10	461	13	950
4:00	1	119			4	119				
4:15	1	138			2	142				
4:30	1	140			5	131				
4:45	3	141	6	538	10	115	21	507	27	1045
5:00	1	148			5	143				
5:15	4	176			13	131				
5:30	7	158			12	124				
5:45	9	158	21	640	30	129	60	527	81	1167
6:00	15	127			19	145				
6:15	19	132			29	90				
6:30	15	118			28	99				
6:45	31	129	80	506	47	109	123	443	203	949
7:00	42	103			63	80				
7:15	39	96			69	76				
7:30	49	99			88	68				
7:45	93	74	223	372	99	51	319	275	542	647
8:00	102	87			125	62				
8:15	75	66			114	55				
8:30	85	76			102	45				
8:45	75	69	337	298	115	54	456	216	793	514
9:00	85	55			94	42				
9:15	45	38			91	27				
9:30	50	35			75	21				
9:45	48	32	228	160	95	20	355	110	583	270
10:00	55	18			88	19				
10:15	69	28			74	15				
10:30	74	14			78	14				
10:45	78	17	276	77	75	16	315	64	591	141
11:00	75	22			87	10				
11:15	67	11			95	8				
11:30	102	8			83	11				
11:45	86	11	330	52	102	7	367	36	697	88
Totals	1546	4425			2053	3858				
Combined Totals		5971				5911				
ADT										11882
AM Peak Hour	745	AM			800	AM				
Volume	355				456					
P.H.F.	0.870				0.912					
PM Peak Hour		500	PM			415	PM			
Volume		640				531				
P.H.F.		0.909				0.928				
Percentage	25.9%	74.1%			34.7%	65.3%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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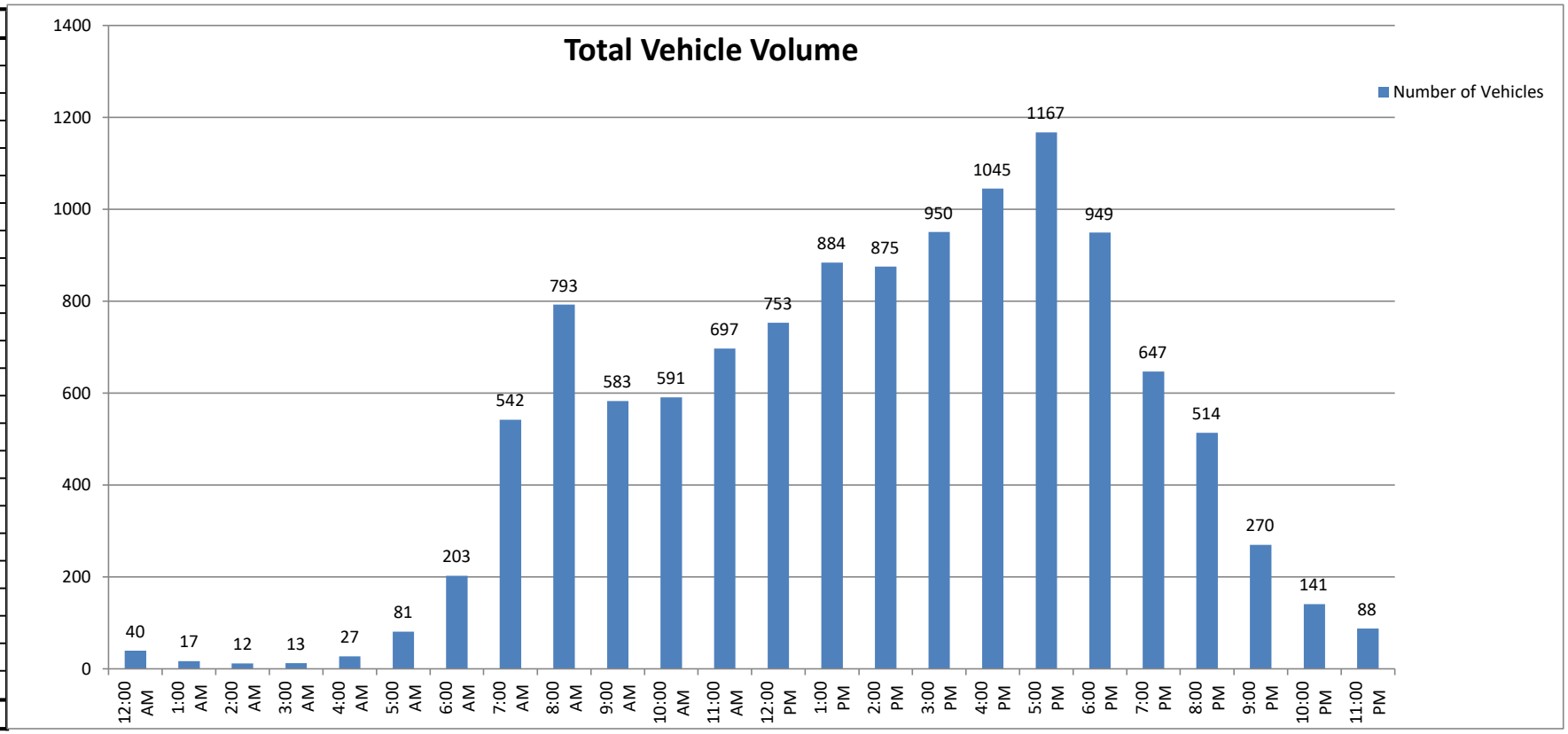
24 Hour Volume Plot

Warner Avenue

B/ Harvard Avenue - Paseo Westpark

11/29/2023

Start Time	11/29/2023
12:00 AM	40
1:00 AM	17
2:00 AM	12
3:00 AM	13
4:00 AM	27
5:00 AM	81
6:00 AM	203
7:00 AM	542
8:00 AM	793
9:00 AM	583
10:00 AM	591
11:00 AM	697
12:00 PM	753
1:00 PM	884
2:00 PM	875
3:00 PM	950
4:00 PM	1045
5:00 PM	1167
6:00 PM	949
7:00 PM	647
8:00 PM	514
9:00 PM	270
10:00 PM	141
11:00 PM	88
Total	11882



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Warner Avenue
B/ Harvard Avenue - Paseo Westpark

File Name 387
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	8	96			5	102				
12:15	5	89			2	89				
12:30	4	100			4	97				
12:45	6	91	22	375	2	90	12	377	33	752
1:00	5	118			4	89				
1:15	2	95			3	102				
1:30	2	113			1	87				
1:45	2	91	9	416	1	101	8	378	17	793
2:00	1	100			1	101				
2:15	1	98			2	99				
2:30	2	134			2	106				
2:45	3	118	6	449	2	110	5	415	11	864
3:00	1	124			2	117				
3:15	0	109			2	139				
3:30	1	119			2	120				
3:45	2	135	4	486	4	119	9	494	12	979
4:00	1	110			5	115				
4:15	2	136			4	138				
4:30	1	136			6	134				
4:45	3	143	6	524	10	117	24	504	30	1027
5:00	3	161			5	140				
5:15	5	172			12	129				
5:30	9	154			14	125				
5:45	9	153	24	639	28	125	59	519	83	1157
6:00	18	143			25	132				
6:15	18	127			28	108				
6:30	15	115			32	100				
6:45	32	119	82	502	48	100	132	440	214	942
7:00	38	109			55	80				
7:15	48	96			69	72				
7:30	47	102			97	77				
7:45	91	86	222	392	111	54	331	282	553	674
8:00	100	88			119	58				
8:15	81	67			133	52				
8:30	79	76			102	40				
8:45	73	61	332	291	106	42	460	192	792	482
9:00	73	52			93	37				
9:15	55	39			92	30				
9:30	54	37			83	25				
9:45	53	27	234	155	89	23	357	115	591	269
10:00	54	24			93	23				
10:15	72	27			80	16				
10:30	70	15			78	10				
10:45	89	19	284	84	74	11	324	59	608	142
11:00	74	17			85	9				
11:15	78	9			90	9				
11:30	94	7			81	10				
11:45	78	10	323	43	99	8	354	35	677	77
Totals	1547	4352			2072	3805				
Combined Totals		5898				5877				
ADT										11775
AM Peak Hour	745	AM			745	AM				
Volume	350				465					
P.H.F.	0.879				0.873					
PM Peak Hour		500	PM			415	PM			
Volume		639				529				
P.H.F.		0.931				0.944				
Percentage	26.2%	73.8%			35.3%	64.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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City of Irvine
Warner Avenue
B/ Paseo Westpark - Culver Drive

File Name 388
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	72			6	59				
12:15	1	76			0	56				
12:30	1	51			1	50				
12:45	3	69	9	268	1	43	8	208	17	476
1:00	3	78			2	36				
1:15	0	53			2	49				
1:30	2	66			1	45				
1:45	1	74	6	271	2	74	7	204	13	475
2:00	0	79			2	53				
2:15	0	65			0	67				
2:30	2	79			0	76				
2:45	0	89	2	312	1	97	3	293	5	605
3:00	3	72			0	90				
3:15	0	71			0	106				
3:30	0	82			0	77				
3:45	1	100	4	325	2	82	2	355	6	680
4:00	3	61			2	94				
4:15	1	89			3	85				
4:30	3	89			3	88				
4:45	1	90	8	329	3	95	11	362	19	691
5:00	3	115			4	100				
5:15	8	103			8	75				
5:30	7	83			8	93				
5:45	5	86	23	387	10	84	30	352	53	739
6:00	14	103			11	91				
6:15	18	73			13	83				
6:30	15	61			22	68				
6:45	25	67	72	304	22	52	68	294	140	598
7:00	23	70			22	54				
7:15	39	54			41	48				
7:30	51	64			65	48				
7:45	62	61	175	249	80	30	208	180	383	429
8:00	86	58			79	34				
8:15	71	37			86	24				
8:30	49	49			77	22				
8:45	49	34	255	178	56	17	298	97	553	275
9:00	61	26			48	25				
9:15	43	24			52	15				
9:30	43	21			51	17				
9:45	48	13	195	84	51	9	202	66	397	150
10:00	44	20			75	14				
10:15	67	16			54	10				
10:30	65	11			39	3				
10:45	75	7	251	54	47	5	215	32	466	86
11:00	55	7			55	4				
11:15	52	3			53	6				
11:30	62	5			50	7				
11:45	40	5	209	20	55	4	213	21	422	41
Totals	1209	2781			1265	2464				
Combined Totals		3990				3729				
ADT										7719
AM Peak Hour	730	AM			745	AM				
Volume	270				322					
P.H.F.	0.785				0.936					
PM Peak Hour		430	PM			245	PM			
Volume		397				370				
P.H.F.		0.863				0.873				
Percentage	30.3%	69.7%			33.9%	66.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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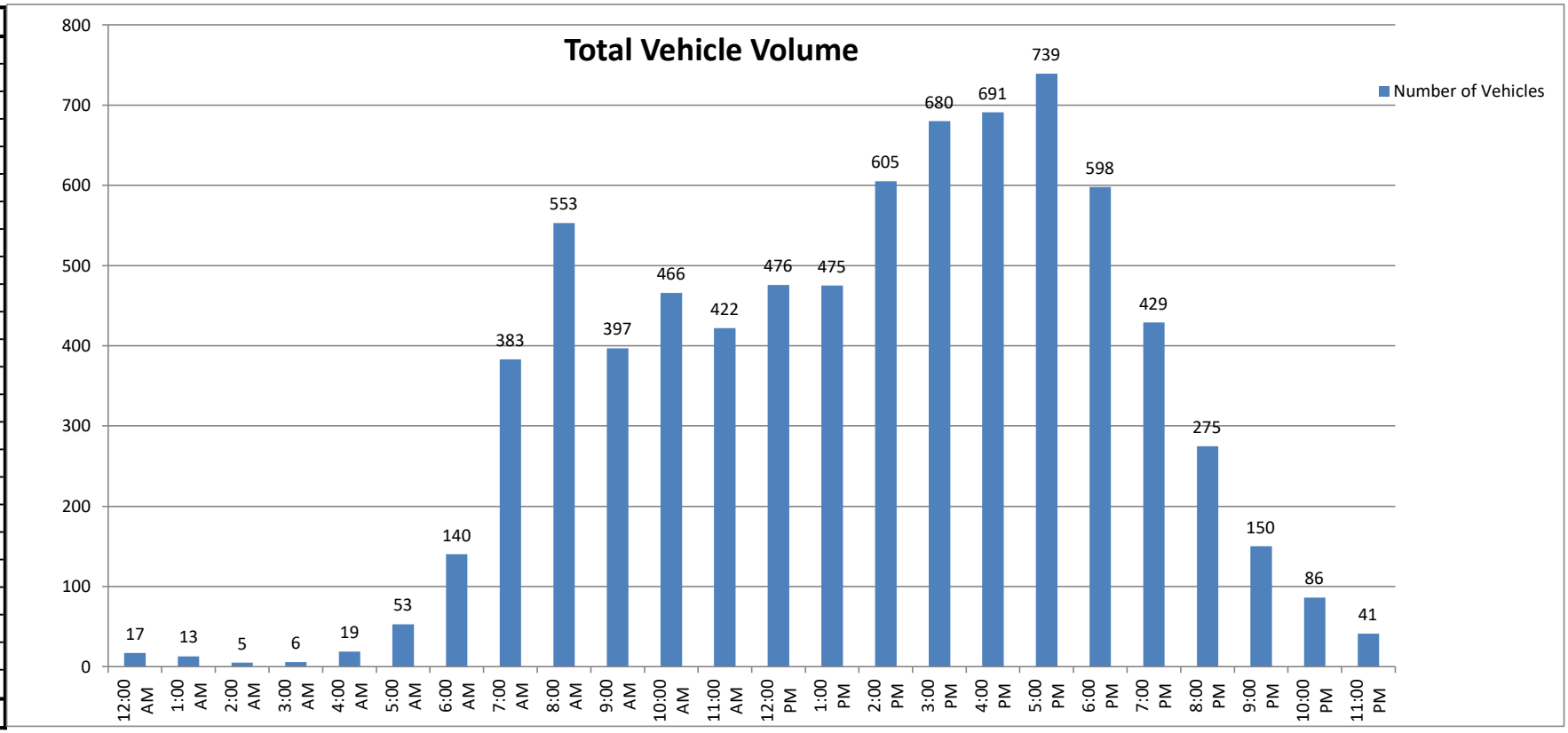
24 Hour Volume Plot

Warner Avenue

B/ Paseo Westpark - Culver Drive

11/28/2023

Start Time	#########
12:00 AM	17
1:00 AM	13
2:00 AM	5
3:00 AM	6
4:00 AM	19
5:00 AM	53
6:00 AM	140
7:00 AM	383
8:00 AM	553
9:00 AM	397
10:00 AM	466
11:00 AM	422
12:00 PM	476
1:00 PM	475
2:00 PM	605
3:00 PM	680
4:00 PM	691
5:00 PM	739
6:00 PM	598
7:00 PM	429
8:00 PM	275
9:00 PM	150
10:00 PM	86
11:00 PM	41
Total	7719



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Paseo Westpark - Culver Drive

File Name 388
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	55			8	72				
12:15	3	55			1	41				
12:30	3	72			2	50				
12:45	4	53	17	235	0	59	11	222	28	457
1:00	4	82			2	50				
1:15	1	77			1	72				
1:30	1	69			0	55				
1:45	0	55	6	283	1	71	4	248	10	531
2:00	0	73			1	63				
2:15	0	81			3	72				
2:30	1	86			2	75				
2:45	1	91	2	331	2	70	8	280	10	611
3:00	1	100			0	85				
3:15	0	86			2	112				
3:30	0	86			0	75				
3:45	0	78	1	350	1	87	3	359	4	709
4:00	0	79			2	89				
4:15	4	65			1	91				
4:30	0	87			2	98				
4:45	3	93	7	324	5	84	10	362	17	686
5:00	0	106			3	96				
5:15	5	92			5	79				
5:30	5	100			6	95				
5:45	9	98	19	396	15	82	29	352	48	748
6:00	13	74			6	111				
6:15	15	88			15	65				
6:30	18	73			7	73				
6:45	17	80	63	315	21	66	49	315	112	630
7:00	28	54			30	61				
7:15	38	64			39	41				
7:30	52	57			50	47				
7:45	59	50	177	225	90	38	209	187	386	412
8:00	70	60			91	30				
8:15	57	45			64	30				
8:30	57	41			70	29				
8:45	55	28	239	174	69	25	294	114	533	288
9:00	86	34			67	29				
9:15	43	21			72	20				
9:30	43	17			45	6				
9:45	25	17	197	89	58	7	242	62	439	151
10:00	45	15			56	9				
10:15	48	14			32	10				
10:30	48	11			43	10				
10:45	55	5	196	45	40	8	171	37	367	82
11:00	53	11			63	6				
11:15	59	9			52	5				
11:30	60	6			46	8				
11:45	47	3	219	29	50	3	211	22	430	51
Totals	1143	2796			1241	2560				
Combined Totals		3939				3801				
ADT										7740
AM Peak Hour	815	AM			745	AM				
Volume	255				315					
P.H.F.	0.741				0.865					
PM Peak Hour		500	PM			415	PM			
Volume		396				369				
P.H.F.		0.934				0.941				
Percentage	29.0%	71.0%			32.6%	67.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
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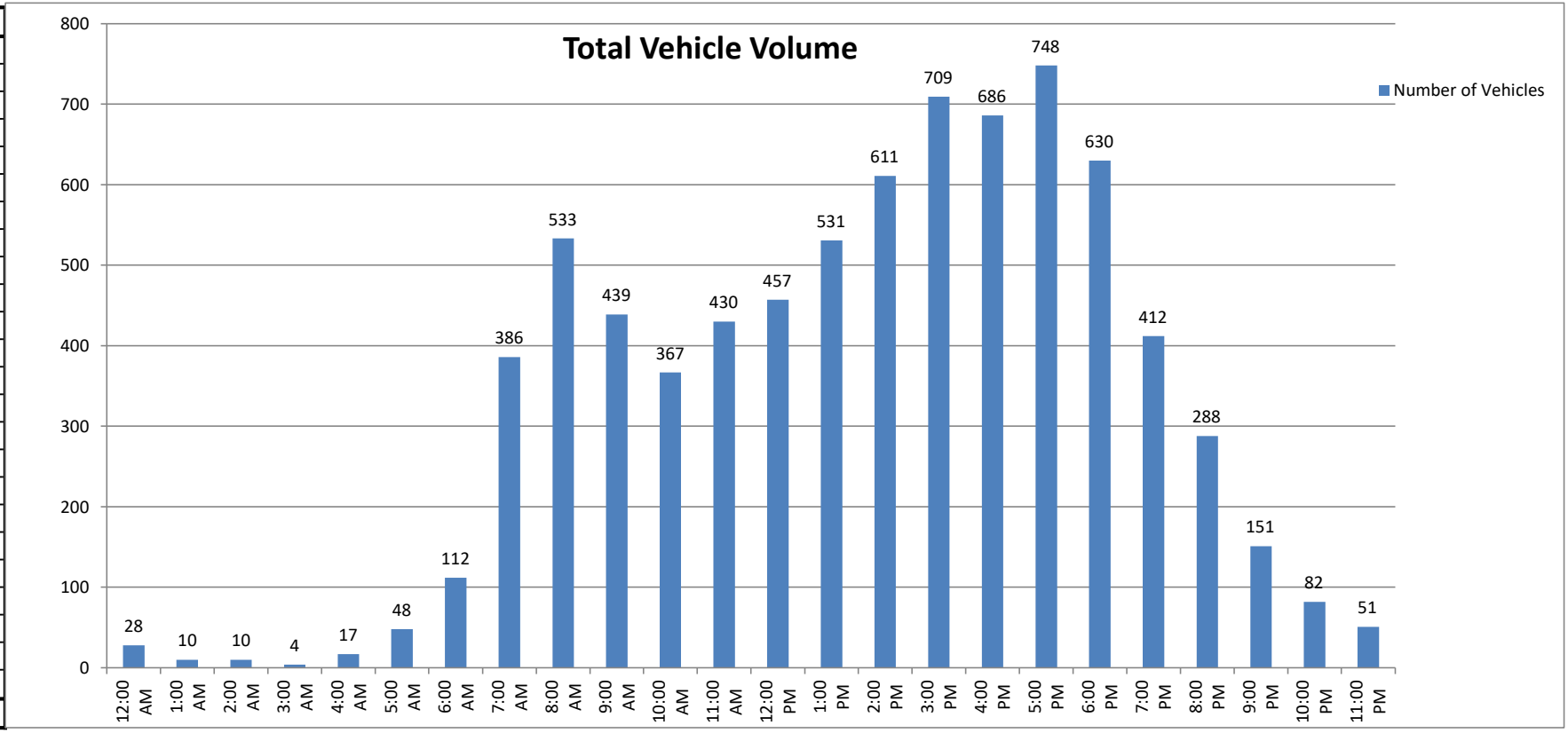
24 Hour Volume Plot

Warner Avenue

B/ Paseo Westpark - Culver Drive

11/29/2023

Start Time	#########
12:00 AM	28
1:00 AM	10
2:00 AM	10
3:00 AM	4
4:00 AM	17
5:00 AM	48
6:00 AM	112
7:00 AM	386
8:00 AM	533
9:00 AM	439
10:00 AM	367
11:00 AM	430
12:00 PM	457
1:00 PM	531
2:00 PM	611
3:00 PM	709
4:00 PM	686
5:00 PM	748
6:00 PM	630
7:00 PM	412
8:00 PM	288
9:00 PM	151
10:00 PM	82
11:00 PM	51
Total	7740



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Warner Avenue
B/ Paseo Westpark - Culver Drive

File Name 388
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Eastbound				Westbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	6	64			7	66				
12:15	2	66			1	49				
12:30	2	62			2	50				
12:45	4	61	13	252	1	51	10	215	23	467
1:00	4	80			2	43				
1:15	1	65			2	61				
1:30	2	68			1	50				
1:45	1	65	6	277	2	73	6	226	12	503
2:00	0	76			2	58				
2:15	0	73			2	70				
2:30	2	83			1	76				
2:45	1	90	2	322	2	84	6	287	8	608
3:00	2	86			0	88				
3:15	0	79			1	109				
3:30	0	84			0	76				
3:45	1	89	3	338	2	85	3	357	5	695
4:00	2	70			2	92				
4:15	3	77			2	88				
4:30	2	88			3	93				
4:45	2	92	8	327	4	90	11	362	18	689
5:00	2	111			4	98				
5:15	7	98			7	77				
5:30	6	92			7	94				
5:45	7	92	21	392	13	83	30	352	51	744
6:00	14	89			9	101				
6:15	17	81			14	74				
6:30	17	67			15	71				
6:45	21	74	68	310	22	59	59	305	126	614
7:00	26	62			26	58				
7:15	39	59			40	45				
7:30	52	61			58	48				
7:45	61	56	176	237	85	34	209	184	385	421
8:00	78	59			85	32				
8:15	64	41			75	27				
8:30	53	45			74	26				
8:45	52	31	247	176	63	21	296	106	543	282
9:00	74	30			58	27				
9:15	43	23			62	18				
9:30	43	19			48	12				
9:45	37	15	196	87	55	8	222	64	418	151
10:00	45	18			66	12				
10:15	58	15			43	10				
10:30	57	11			41	7				
10:45	65	6	224	50	44	7	193	35	417	84
11:00	54	9			59	5				
11:15	56	6			53	6				
11:30	61	6			48	8				
11:45	44	4	214	25	53	4	212	22	426	46
Totals	1176	2789			1253	2512				
Combined Totals		3965				3765				
ADT										7730
AM Peak Hour	745 AM				745 AM					
Volume	256				319					
P.H.F.	0.819				0.937					
PM Peak Hour		500 PM				415 PM				
Volume		392				369				
P.H.F.		0.886				0.940				
Percentage	29.7%	70.3%			33.3%	66.7%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Alton Parkway - Barranca Parkway

File Name 391
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	30			4	58				
12:15	1	37			0	41				
12:30	0	38			0	30				
12:45	2	32	5	137	1	48	5	177	10	314
1:00	1	27			1	41				
1:15	1	38			2	43				
1:30	0	30			1	42				
1:45	0	42	2	137	1	38	5	164	7	301
2:00	1	30			0	33				
2:15	0	142			0	79				
2:30	0	72			0	36				
2:45	1	56	2	300	0	43	0	191	2	491
3:00	0	54			0	48				
3:15	0	60			0	58				
3:30	0	40			1	48				
3:45	0	62	0	216	0	56	1	210	1	426
4:00	0	44			1	49				
4:15	0	52			1	48				
4:30	1	44			1	80				
4:45	2	61	3	201	7	62	10	239	13	440
5:00	0	60			5	77				
5:15	1	39			1	52				
5:30	1	58			6	70				
5:45	1	53	3	210	6	59	18	258	21	468
6:00	5	38			5	50				
6:15	10	42			9	42				
6:30	6	42			9	42				
6:45	12	28	33	150	10	37	33	171	66	321
7:00	20	44			11	36				
7:15	25	39			30	37				
7:30	22	38			23	36				
7:45	36	26	103	147	42	18	106	127	209	274
8:00	74	18			57	18				
8:15	188	16			154	20				
8:30	67	12			40	19				
8:45	50	24	379	70	41	24	292	81	671	151
9:00	41	15			34	14				
9:15	23	11			32	23				
9:30	28	13			28	8				
9:45	38	10	130	49	32	14	126	59	256	108
10:00	34	5			32	6				
10:15	36	7			42	6				
10:30	26	7			28	6				
10:45	19	2	115	21	36	3	138	21	253	42
11:00	29	5			34	2				
11:15	36	1			29	4				
11:30	48	2			54	4				
11:45	45	4	158	12	41	3	158	13	316	25
Totals	933	1650			892	1711				
Combined Totals		2583				2603				
ADT										5186
AM Peak Hour	800	AM			745	AM				
Volume	379				293					
P.H.F.	0.504				0.476					
PM Peak Hour		215	PM			430	PM			
Volume		324				271				
P.H.F.		0.570				0.847				
Percentage	36.1%	63.9%			34.3%	65.7%				

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

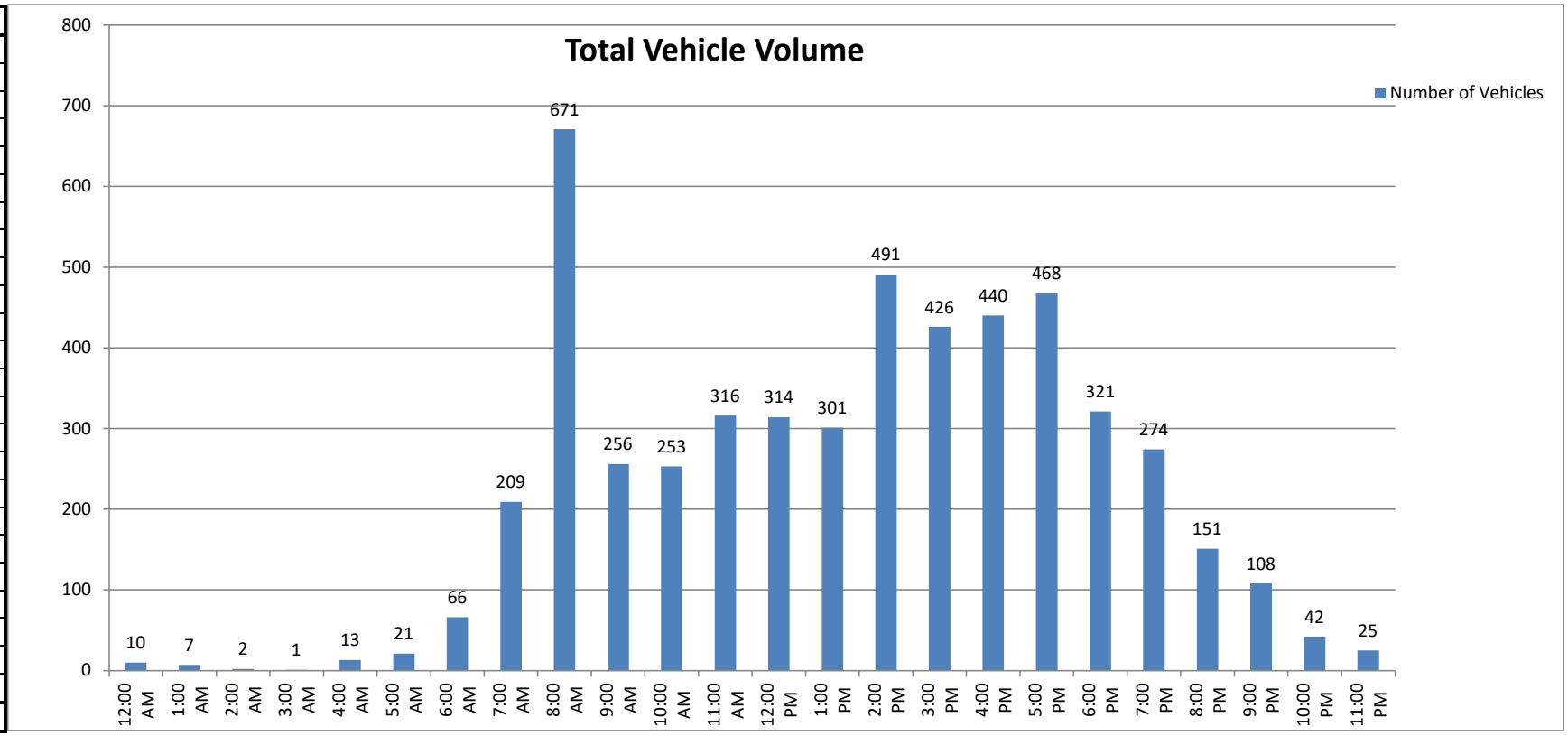
24 Hour Volume Plot

West Yale Loop

B/ Alton Parkway - Barranca Parkway

5/8/2024

Start Time	5/8/2024
12:00 AM	10
1:00 AM	7
2:00 AM	2
3:00 AM	1
4:00 AM	13
5:00 AM	21
6:00 AM	66
7:00 AM	209
8:00 AM	671
9:00 AM	256
10:00 AM	253
11:00 AM	316
12:00 PM	314
1:00 PM	301
2:00 PM	491
3:00 PM	426
4:00 PM	440
5:00 PM	468
6:00 PM	321
7:00 PM	274
8:00 PM	151
9:00 PM	108
10:00 PM	42
11:00 PM	25
Total	5186



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
West Yale Loop
B/ Alton Parkway - Barranca Parkway

File Name 391
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	40			1	58				
12:15	1	35			1	38				
12:30	0	24			0	40				
12:45	1	27	3	126	2	30	4	166	7	292
1:00	1	19			2	39				
1:15	0	31			1	32				
1:30	0	35			0	37				
1:45	0	33	1	118	1	47	4	155	5	273
2:00	0	24			2	46				
2:15	1	107			0	72				
2:30	0	59			0	60				
2:45	0	80	1	270	1	54	3	232	4	502
3:00	1	61			0	64				
3:15	0	64			1	74				
3:30	1	63			0	36				
3:45	1	50	3	238	0	50	1	224	4	462
4:00	0	65			2	50				
4:15	0	60			1	53				
4:30	0	56			1	62				
4:45	0	54	0	235	2	62	6	227	6	462
5:00	2	47			2	72				
5:15	0	46			1	48				
5:30	5	66			3	70				
5:45	1	56	8	215	11	72	17	262	25	477
6:00	6	58			6	75				
6:15	3	40			7	52				
6:30	6	47			10	38				
6:45	16	22	31	167	13	29	36	194	67	361
7:00	22	26			16	38				
7:15	40	19			26	40				
7:30	34	21			28	34				
7:45	50	36	146	102	43	45	113	157	259	259
8:00	92	20			60	16				
8:15	141	11			106	19				
8:30	47	12			43	22				
8:45	48	16	328	59	33	23	242	80	570	139
9:00	35	23			43	17				
9:15	31	12			22	11				
9:30	35	13			40	9				
9:45	50	2	151	50	42	11	147	48	298	98
10:00	50	3			48	8				
10:15	32	5			43	5				
10:30	33	8			39	4				
10:45	31	4	146	20	32	5	162	22	308	42
11:00	35	1			43	6				
11:15	25	2			46	3				
11:30	43	1			38	2				
11:45	34	1	137	5	37	0	164	11	301	16
Totals	955	1605			899	1778				
Combined Totals		2560				2677				
ADT										5237
AM Peak Hour	745	AM			745	AM				
Volume	330				252					
P.H.F.	0.585				0.594					
PM Peak Hour		215	PM			530	PM			
Volume		307				269				
P.H.F.		0.717				0.897				
Percentage	37.3%	62.7%			33.6%	66.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

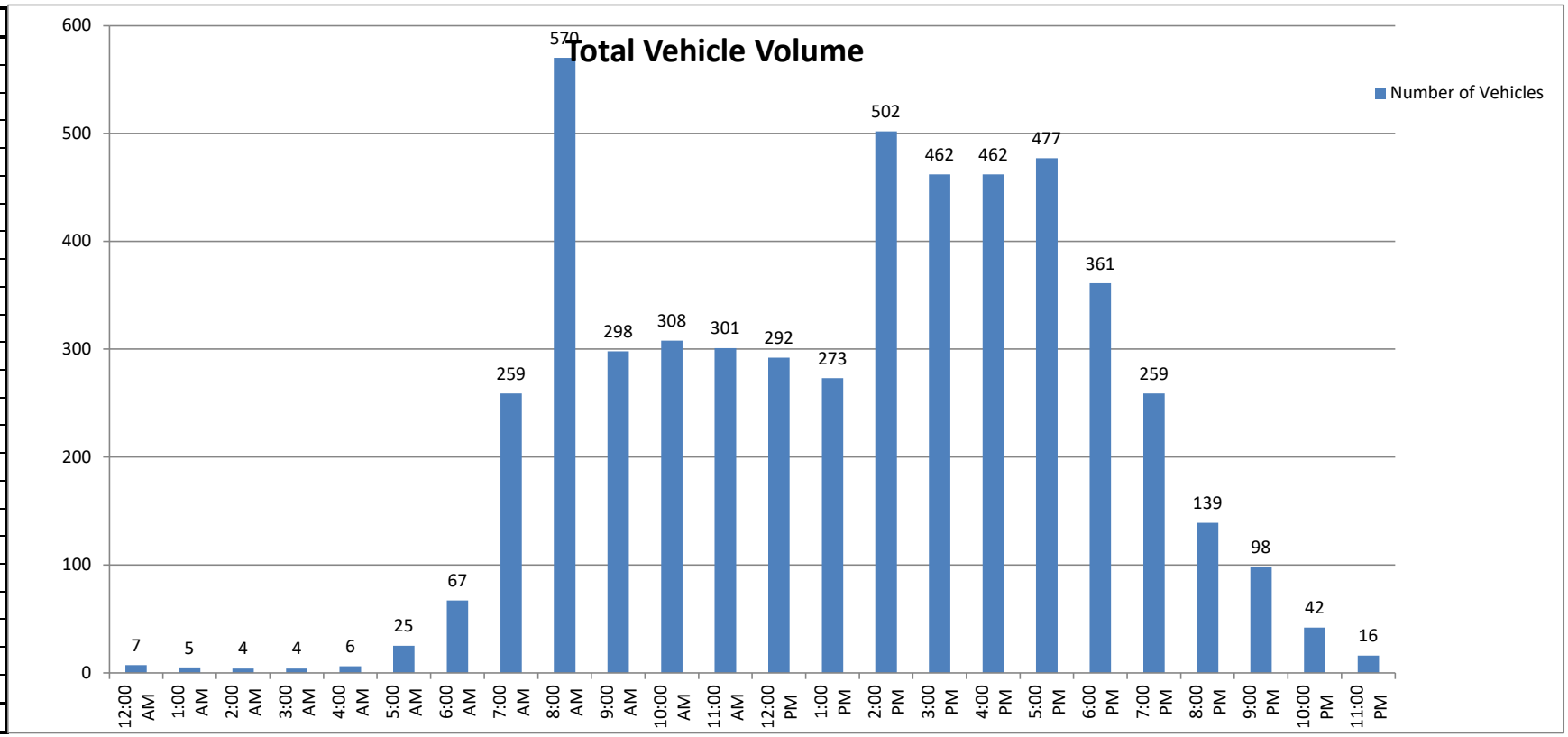
24 Hour Volume Plot

West Yale Loop

B/ Alton Parkway - Barranca Parkway

5/9/2024

Start Time	5/9/2024
12:00 AM	7
1:00 AM	5
2:00 AM	4
3:00 AM	4
4:00 AM	6
5:00 AM	25
6:00 AM	67
7:00 AM	259
8:00 AM	570
9:00 AM	298
10:00 AM	308
11:00 AM	301
12:00 PM	292
1:00 PM	273
2:00 PM	502
3:00 PM	462
4:00 PM	462
5:00 PM	477
6:00 PM	361
7:00 PM	259
8:00 PM	139
9:00 PM	98
10:00 PM	42
11:00 PM	16
Total	5237



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Alton Parkway - Barranca Parkway

File Name 391
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	35			3	58				
12:15	1	36			1	40				
12:30	0	31			0	35				
12:45	2	30	4	132	2	39	5	172	9	303
1:00	1	23			2	40				
1:15	1	35			2	38				
1:30	0	33			1	40				
1:45	0	38	2	128	1	43	5	160	6	287
2:00	1	27			1	40				
2:15	1	125			0	76				
2:30	0	66			0	48				
2:45	1	68	2	285	1	49	2	212	3	497
3:00	1	58			0	56				
3:15	0	62			1	66				
3:30	1	52			1	42				
3:45	1	56	2	227	0	53	1	217	3	444
4:00	0	55			2	50				
4:15	0	56			1	51				
4:30	1	50			1	71				
4:45	1	58	2	218	5	62	8	233	10	451
5:00	1	54			4	75				
5:15	1	43			1	50				
5:30	3	62			5	70				
5:45	1	55	6	213	9	66	18	260	23	473
6:00	6	48			6	63				
6:15	7	41			8	47				
6:30	6	45			10	40				
6:45	14	25	32	159	12	33	35	183	67	341
7:00	21	35			14	37				
7:15	33	29			28	39				
7:30	28	30			26	35				
7:45	43	31	125	125	43	32	110	142	234	267
8:00	83	19			59	17				
8:15	165	14			130	20				
8:30	57	12			42	21				
8:45	49	20	354	65	37	24	267	81	621	145
9:00	38	19			39	16				
9:15	27	12			27	17				
9:30	32	13			34	9				
9:45	44	6	141	50	37	13	137	54	277	103
10:00	42	4			40	7				
10:15	34	6			43	6				
10:30	30	8			34	5				
10:45	25	3	131	21	34	4	150	22	281	42
11:00	32	3			39	4				
11:15	31	2			38	4				
11:30	46	2			46	3				
11:45	40	3	148	9	39	2	161	12	309	21
Totals	944	1628			896	1745				
Combined Totals		2572				2640				
ADT										5212
AM Peak Hour	800	AM			745	AM				
Volume	354				273					
P.H.F.	0.537				0.524					
PM Peak Hour		215	PM			500	PM			
Volume		316				260				
P.H.F.		0.634				0.872				
Percentage	36.7%	63.3%			33.9%	66.1%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Yale Avenue South - Alton Parkway

File Name 390
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	47			4	55				
12:15	5	41			3	56				
12:30	2	38			5	56				
12:45	6	57	17	183	2	44	14	211	31	394
1:00	2	44			0	39				
1:15	1	48			1	45				
1:30	2	43			3	44				
1:45	1	64	6	199	2	52	6	180	12	379
2:00	0	56			0	37				
2:15	0	83			0	88				
2:30	0	51			0	80				
2:45	1	85	1	275	0	74	0	279	1	554
3:00	1	82			0	73				
3:15	0	80			1	67				
3:30	1	71			0	59				
3:45	0	88	2	321	3	65	4	264	6	585
4:00	0	71			0	74				
4:15	1	69			0	79				
4:30	0	79			1	73				
4:45	6	76	7	295	0	82	1	308	8	603
5:00	2	68			0	100				
5:15	10	76			1	80				
5:30	9	78			1	84				
5:45	7	117	28	339	4	90	6	354	34	693
6:00	13	76			9	101				
6:15	10	49			4	62				
6:30	24	56			9	69				
6:45	32	45	79	226	14	62	36	294	115	520
7:00	41	29			29	58				
7:15	53	40			28	60				
7:30	54	41			28	45				
7:45	105	37	253	147	61	35	146	198	399	345
8:00	145	23			58	45				
8:15	163	35			65	38				
8:30	60	20			62	32				
8:45	57	14	425	92	38	22	223	137	648	229
9:00	53	21			31	25				
9:15	59	13			29	38				
9:30	58	14			32	23				
9:45	62	9	232	57	31	15	123	101	355	158
10:00	66	9			46	16				
10:15	52	10			29	18				
10:30	52	7			40	12				
10:45	51	5	221	31	36	13	151	59	372	90
11:00	41	4			31	9				
11:15	65	6			38	12				
11:30	52	2			43	7				
11:45	56	5	214	17	45	6	157	34	371	51
Totals	1485	2182			867	2419				
Combined Totals		3667				3286				
ADT										6953
AM Peak Hour	745 AM				745 AM					
Volume	473				246					
P.H.F.	0.725				0.946					
PM Peak Hour		515 PM				515 PM				
Volume		347				355				
P.H.F.		0.741				0.879				
Percentage	40.5%	59.5%			26.4%	73.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

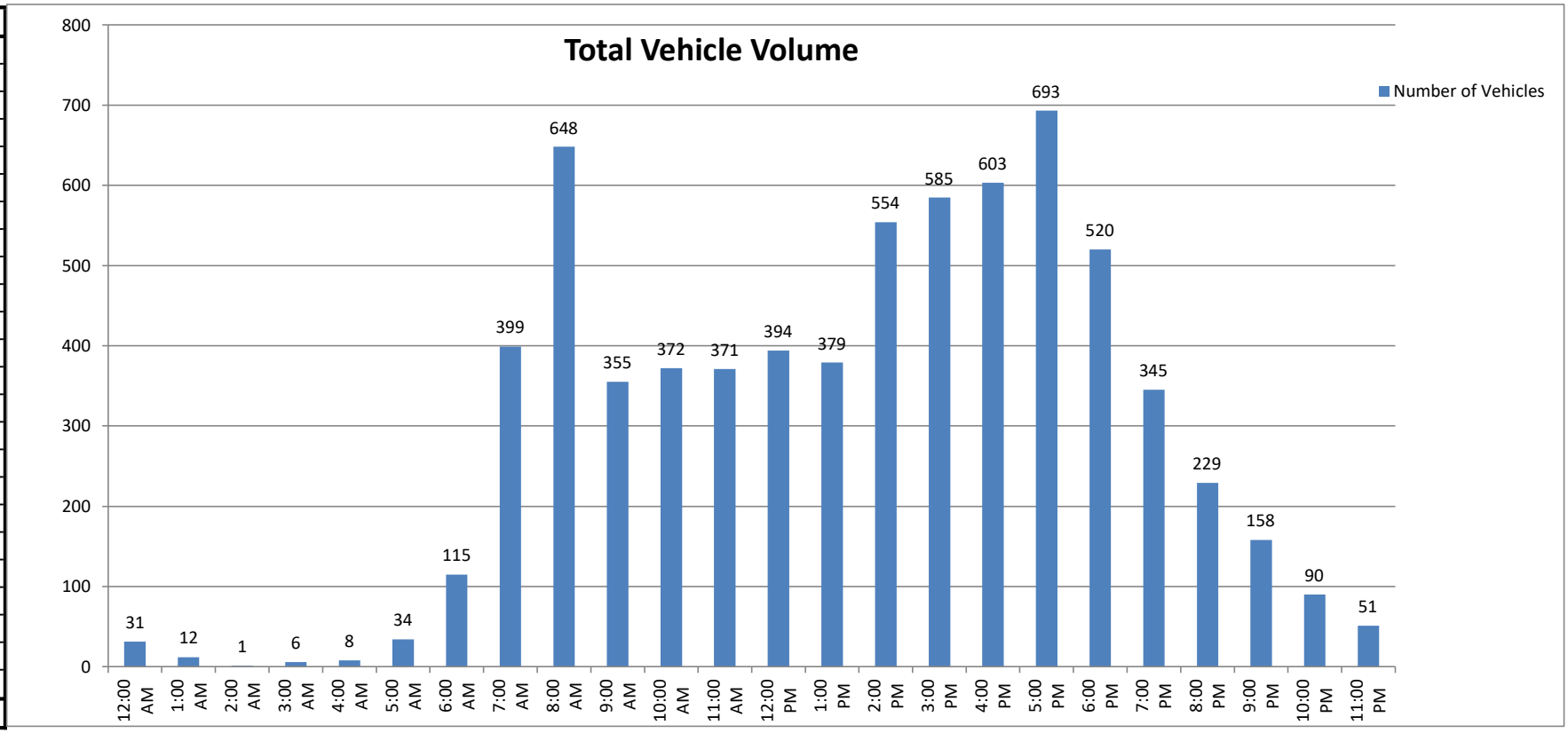
24 Hour Volume Plot

West Yale Loop

B/ Yale Avenue South - Alton Parkway

11/28/2023

Start Time	#########
12:00 AM	31
1:00 AM	12
2:00 AM	1
3:00 AM	6
4:00 AM	8
5:00 AM	34
6:00 AM	115
7:00 AM	399
8:00 AM	648
9:00 AM	355
10:00 AM	372
11:00 AM	371
12:00 PM	394
1:00 PM	379
2:00 PM	554
3:00 PM	585
4:00 PM	603
5:00 PM	693
6:00 PM	520
7:00 PM	345
8:00 PM	229
9:00 PM	158
10:00 PM	90
11:00 PM	51
Total	6953



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Yale Avenue South - Alton Parkway

File Name 390
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	65			4	48				
12:15	3	39			6	61				
12:30	3	49			3	62				
12:45	3	57	12	210	5	55	18	226	30	436
1:00	4	46			1	54				
1:15	1	70			0	54				
1:30	0	60			1	56				
1:45	1	89	6	265	3	47	5	211	11	476
2:00	2	64			1	45				
2:15	0	67			1	83				
2:30	1	62			0	92				
2:45	1	74	4	267	1	80	3	300	7	567
3:00	0	80			0	68				
3:15	1	61			1	54				
3:30	1	51			0	69				
3:45	0	87	2	279	0	75	1	266	3	545
4:00	0	75			1	77				
4:15	1	79			0	75				
4:30	2	83			0	80				
4:45	5	78	8	315	1	73	2	305	10	620
5:00	4	83			1	97				
5:15	9	71			0	101				
5:30	7	88			2	89				
5:45	4	79	24	321	7	92	10	379	34	700
6:00	13	60			9	85				
6:15	13	47			3	71				
6:30	22	70			8	66				
6:45	26	49	74	226	15	49	35	271	109	497
7:00	41	49			16	76				
7:15	48	34			25	41				
7:30	66	23			21	31				
7:45	86	28	241	134	39	55	101	203	342	337
8:00	132	36			64	31				
8:15	150	22			72	38				
8:30	83	24			85	46				
8:45	79	11	444	93	46	37	267	152	711	245
9:00	67	18			46	35				
9:15	55	9			35	24				
9:30	61	17			24	26				
9:45	63	9	246	53	42	21	147	106	393	159
10:00	70	14			32	23				
10:15	47	9			59	20				
10:30	45	7			35	7				
10:45	53	6	215	36	43	8	169	58	384	94
11:00	44	6			39	2				
11:15	51	3			48	4				
11:30	58	5			45	9				
11:45	58	0	211	14	39	6	171	21	382	35
Totals	1487	2213			929	2498				
Combined Totals		3700				3427				
ADT										7127
AM Peak Hour	745	AM			800	AM				
Volume	451				267					
P.H.F.	0.752				0.785					
PM Peak Hour		345	PM			500	PM			
Volume		324				379				
P.H.F.		0.931				0.938				
Percentage	40.2%	59.8%			27.1%	72.9%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

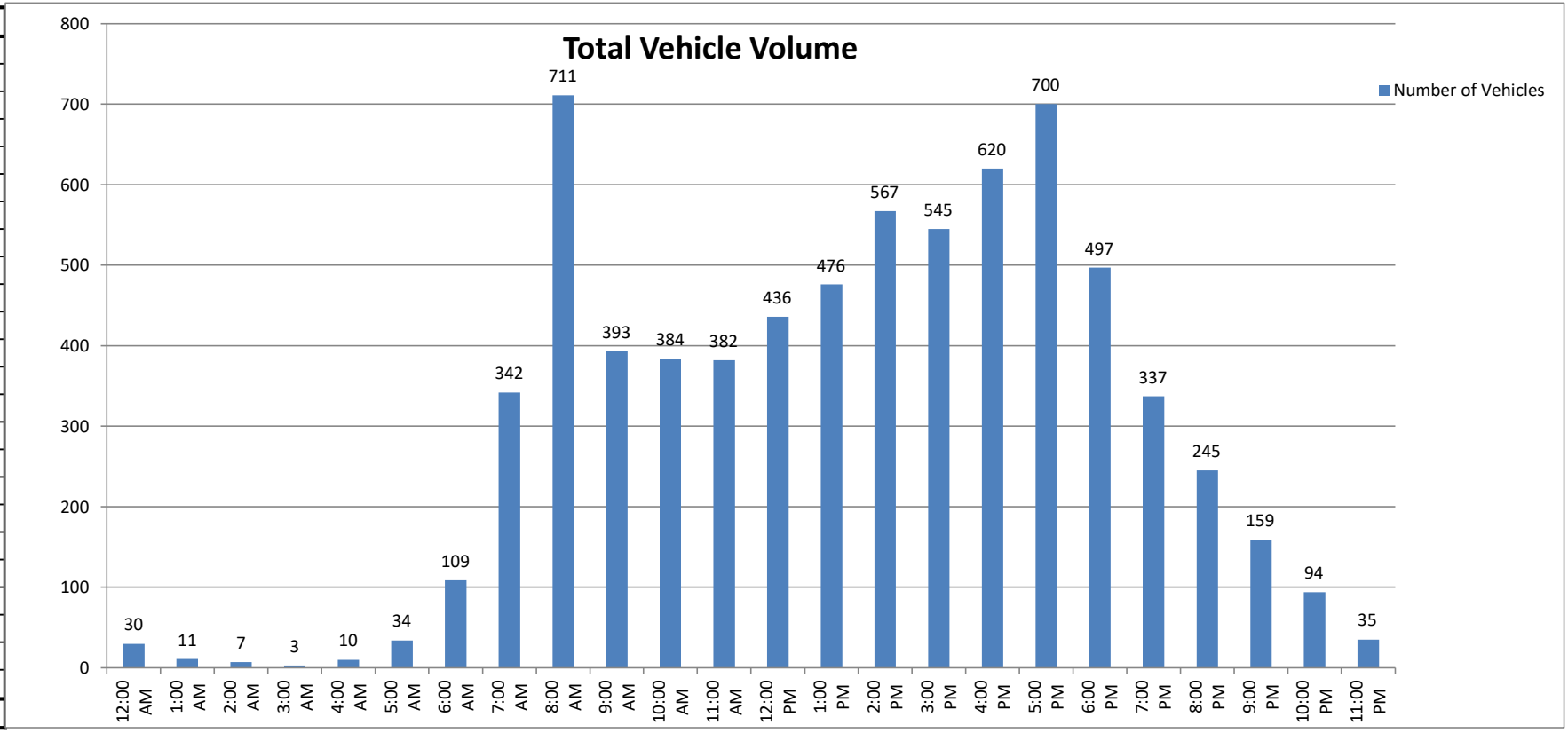
24 Hour Volume Plot

West Yale Loop

B/ Yale Avenue South - Alton Parkway

11/29/2023

Start Time	#########
12:00 AM	30
1:00 AM	11
2:00 AM	7
3:00 AM	3
4:00 AM	10
5:00 AM	34
6:00 AM	109
7:00 AM	342
8:00 AM	711
9:00 AM	393
10:00 AM	384
11:00 AM	382
12:00 PM	436
1:00 PM	476
2:00 PM	567
3:00 PM	545
4:00 PM	620
5:00 PM	700
6:00 PM	497
7:00 PM	337
8:00 PM	245
9:00 PM	159
10:00 PM	94
11:00 PM	35
Total	7127



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
West Yale Loop
B/ Yale Avenue South - Alton Parkway

File Name 390
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	56			4	52				
12:15	4	40			5	59				
12:30	3	44			4	59				
12:45	5	57	15	197	4	50	16	219	31	415
1:00	3	45			1	47				
1:15	1	59			1	50				
1:30	1	52			2	50				
1:45	1	77	6	232	3	50	6	196	12	428
2:00	1	60			1	41				
2:15	0	75			1	86				
2:30	1	57			0	86				
2:45	1	80	3	271	1	77	2	290	4	561
3:00	1	81			0	71				
3:15	1	71			1	61				
3:30	1	61			0	64				
3:45	0	88	2	300	2	70	3	265	5	565
4:00	0	73			1	76				
4:15	1	74			0	77				
4:30	1	81			1	77				
4:45	6	77	8	305	1	78	2	307	9	612
5:00	3	76			1	99				
5:15	10	74			1	91				
5:30	8	83			2	87				
5:45	6	98	26	330	6	91	8	367	34	697
6:00	13	68			9	93				
6:15	12	48			4	67				
6:30	23	63			9	68				
6:45	29	47	77	226	15	56	36	283	112	509
7:00	41	39			23	67				
7:15	51	37			27	51				
7:30	60	32			25	38				
7:45	96	33	247	141	50	45	124	201	371	341
8:00	139	30			61	38				
8:15	157	29			69	38				
8:30	72	22			74	39				
8:45	68	13	435	93	42	30	245	145	680	237
9:00	60	20			39	30				
9:15	57	11			32	31				
9:30	60	16			28	25				
9:45	63	9	239	55	37	18	135	104	374	159
10:00	68	12			39	20				
10:15	50	10			44	19				
10:30	49	7			38	10				
10:45	52	6	218	34	40	11	160	59	378	92
11:00	43	5			35	6				
11:15	58	5			43	8				
11:30	55	4			44	8				
11:45	57	3	213	16	42	6	164	28	377	43
Totals	1486	2198			898	2459				
Combined Totals		3684				3357				
ADT										7040
AM Peak Hour	745	AM			745	AM				
Volume	462				253					
P.H.F.	0.738				0.861					
PM Peak Hour		500	PM			500	PM			
Volume		330				367				
P.H.F.		0.842				0.930				
Percentage	40.3%	59.7%			26.8%	73.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Arborwood - Portola Parkway

File Name 401
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	36			6	26				
12:15	1	30			1	44				
12:30	1	21			2	20				
12:45	1	32	3	119	1	24	10	114	13	233
1:00	1	17			0	24				
1:15	0	16			2	24				
1:30	1	25			0	15				
1:45	0	26	2	84	0	36	2	99	4	183
2:00	0	44			0	72				
2:15	0	72			0	94				
2:30	0	83			0	146				
2:45	1	114	1	313	0	84	0	396	1	709
3:00	0	36			0	34				
3:15	0	44			0	42				
3:30	1	48			0	35				
3:45	1	59	2	187	0	38	0	149	2	336
4:00	0	56			1	100				
4:15	0	50			0	54				
4:30	1	66			0	67				
4:45	1	62	2	234	1	42	2	263	4	497
5:00	0	37			1	56				
5:15	1	62			0	58				
5:30	2	42			2	70				
5:45	5	45	8	186	1	44	4	228	12	414
6:00	1	20			1	43				
6:15	3	23			0	27				
6:30	12	14			6	27				
6:45	15	20	31	77	20	31	27	128	58	205
7:00	34	28			16	38				
7:15	48	24			28	21				
7:30	44	21			48	39				
7:45	123	7	249	80	132	22	224	120	473	200
8:00	162	8			132	17				
8:15	110	9			98	19				
8:30	73	9			56	12				
8:45	42	10	387	36	36	17	322	65	709	101
9:00	25	14			23	23				
9:15	34	13			24	16				
9:30	33	2			20	12				
9:45	38	9	130	38	27	7	94	58	224	96
10:00	42	7			44	7				
10:15	18	5			36	8				
10:30	34	8			24	6				
10:45	16	1	110	21	15	4	119	25	229	46
11:00	16	6			30	4				
11:15	24	0			24	4				
11:30	16	1			20	2				
11:45	15	1	71	8	13	3	87	13	158	21
Totals	996	1383			891	1658				
Combined Totals		2379				2549				
ADT										4928
AM Peak Hour	745	AM			745	AM				
Volume	468				418					
P.H.F.	0.722				0.792					
PM Peak Hour		200	PM			200	PM			
Volume		313				396				
P.H.F.		0.686				0.678				
Percentage	41.9%	58.1%			35.0%	65.0%				

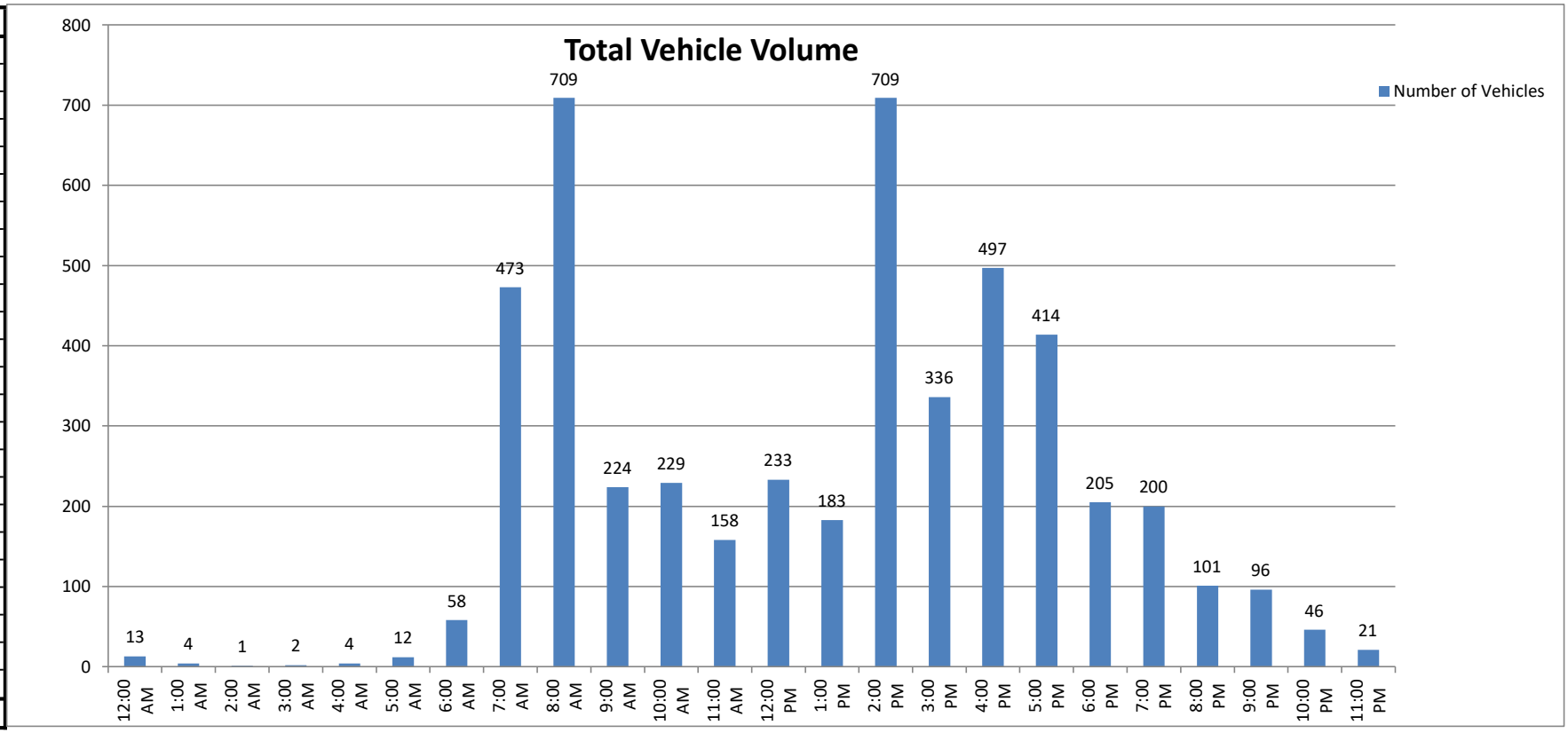
Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

24 Hour Volume Plot

Yale Avenue
B/ Arborwood - Portola Parkway
11/28/2023

Start Time	#########
12:00 AM	13
1:00 AM	4
2:00 AM	1
3:00 AM	2
4:00 AM	4
5:00 AM	12
6:00 AM	58
7:00 AM	473
8:00 AM	709
9:00 AM	224
10:00 AM	229
11:00 AM	158
12:00 PM	233
1:00 PM	183
2:00 PM	709
3:00 PM	336
4:00 PM	497
5:00 PM	414
6:00 PM	205
7:00 PM	200
8:00 PM	101
9:00 PM	96
10:00 PM	46
11:00 PM	21
Total	4928



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Yale Avenue
B/ Arborwood - Portola Parkway

File Name 401
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	31			2	20				
12:15	1	26			2	37				
12:30	1	20			0	44				
12:45	0	44	4	121	3	28	7	129	11	250
1:00	0	25			0	69				
1:15	1	30			1	92				
1:30	1	100			0	46				
1:45	0	94	2	249	0	33	1	240	3	489
2:00	0	57			0	28				
2:15	0	35			0	49				
2:30	2	62			0	117				
2:45	1	44	3	198	0	58	0	252	3	450
3:00	0	30			0	44				
3:15	0	23			0	23				
3:30	0	46			0	33				
3:45	2	64	2	163	2	46	2	146	4	309
4:00	0	64			0	103				
4:15	0	60			0	76				
4:30	0	53			0	58				
4:45	2	61	2	238	0	59	0	296	2	534
5:00	0	54			0	70				
5:15	0	52			0	60				
5:30	2	54			0	42				
5:45	1	44	3	204	0	53	0	225	3	429
6:00	3	62			1	48				
6:15	3	50			2	50				
6:30	14	46			6	36				
6:45	16	33	36	191	12	28	21	162	57	353
7:00	24	16			16	38				
7:15	28	22			28	27				
7:30	34	10			46	23				
7:45	75	16	161	64	117	24	207	112	368	176
8:00	109	18			92	24				
8:15	108	13			58	31				
8:30	78	5			35	12				
8:45	98	21	393	57	64	50	249	117	642	174
9:00	144	18			72	62				
9:15	68	7			93	18				
9:30	24	3			39	13				
9:45	20	5	256	33	14	6	218	99	474	132
10:00	22	5			17	7				
10:15	7	5			25	3				
10:30	49	1			34	6				
10:45	49	1	127	12	47	6	123	22	250	34
11:00	19	3			37	6				
11:15	26	1			21	0				
11:30	20	2			18	0				
11:45	20	2	85	8	22	2	98	8	183	16
Totals	1074	1538			926	1808				
Combined Totals		2612				2734				
ADT										5346
AM Peak Hour	815	AM			730	AM				
Volume	428				313					
P.H.F.	0.743				0.669					
PM Peak Hour		130	PM			400	PM			
Volume		286				296				
P.H.F.		0.715				0.718				
Percentage	41.1%	58.9%			33.9%	66.1%				

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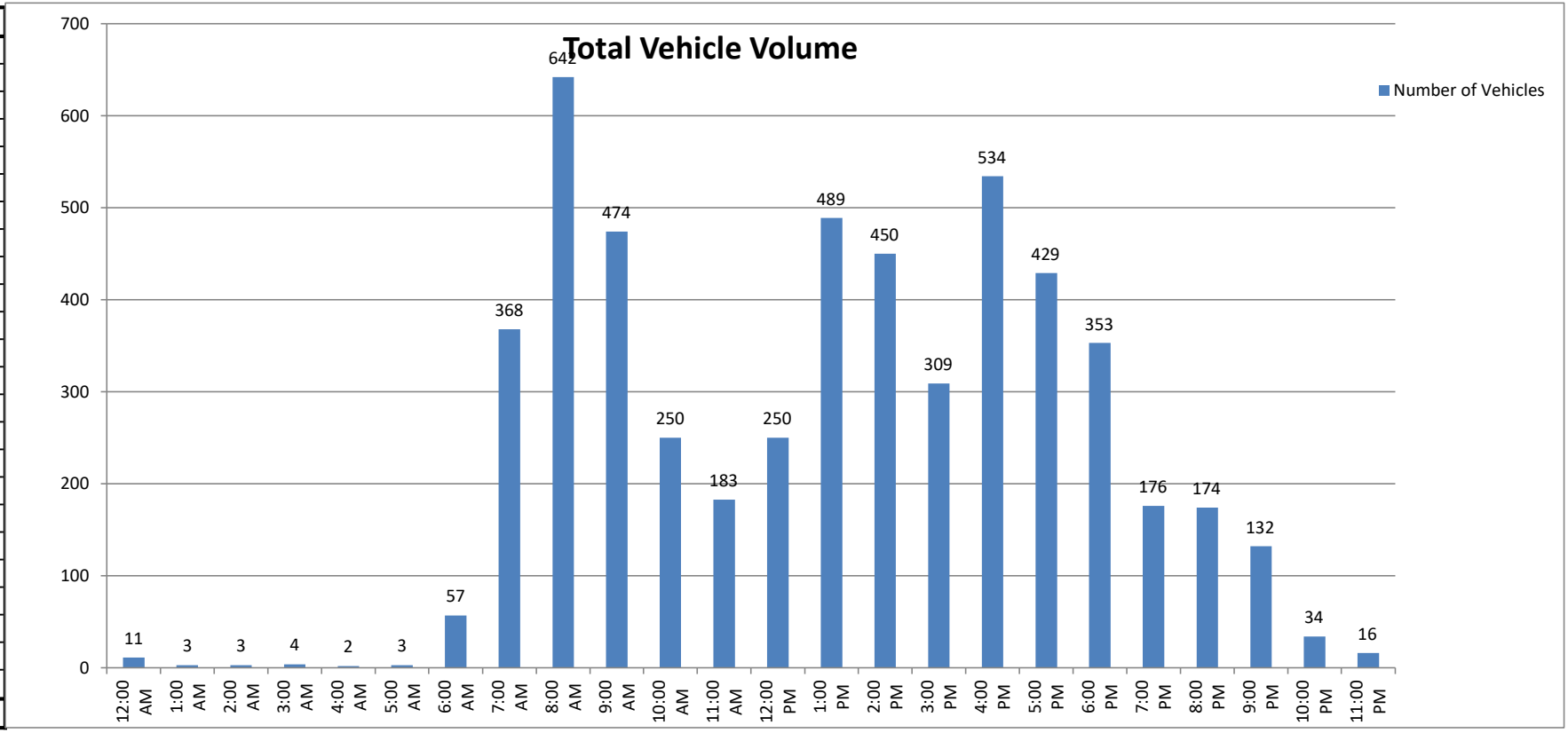
24 Hour Volume Plot

Yale Avenue
B/ Arborwood - Portola Parkway
11/29/2023

Start Time	#########
12:00 AM	11
1:00 AM	3
2:00 AM	3
3:00 AM	4
4:00 AM	2
5:00 AM	3
6:00 AM	57
7:00 AM	368
8:00 AM	642
9:00 AM	474
10:00 AM	250
11:00 AM	183
12:00 PM	250
1:00 PM	489
2:00 PM	450
3:00 PM	309
4:00 PM	534
5:00 PM	429
6:00 PM	353
7:00 PM	176
8:00 PM	174
9:00 PM	132
10:00 PM	34
11:00 PM	16
Total	5346



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Arborwood - Portola Parkway

File Name 401
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	34			4	23				
12:15	1	28			2	41				
12:30	1	21			1	32				
12:45	1	38	4	120	2	26	9	122	12	242
1:00	1	21			0	47				
1:15	1	23			2	58				
1:30	1	63			0	31				
1:45	0	60	2	167	0	35	2	170	4	336
2:00	0	51			0	50				
2:15	0	54			0	72				
2:30	1	73			0	132				
2:45	1	79	2	256	0	71	0	324	2	580
3:00	0	33			0	39				
3:15	0	34			0	33				
3:30	1	47			0	34				
3:45	2	62	2	175	1	42	1	148	3	323
4:00	0	60			1	102				
4:15	0	55			0	65				
4:30	1	60			0	63				
4:45	2	62	2	236	1	51	1	280	3	516
5:00	0	46			1	63				
5:15	1	57			0	59				
5:30	2	48			1	56				
5:45	3	45	6	195	1	49	2	227	8	422
6:00	2	41			1	46				
6:15	3	37			1	39				
6:30	13	30			6	32				
6:45	16	27	34	134	16	30	24	145	58	279
7:00	29	22			16	38				
7:15	38	23			28	24				
7:30	39	16			47	31				
7:45	99	12	205	72	125	23	216	116	421	188
8:00	136	13			112	21				
8:15	109	11			78	25				
8:30	76	7			46	12				
8:45	70	16	390	47	50	34	286	91	676	138
9:00	85	16			48	43				
9:15	51	10			59	17				
9:30	29	3			30	13				
9:45	29	7	193	36	21	7	156	79	349	114
10:00	32	6			31	7				
10:15	13	5			31	6				
10:30	42	5			29	6				
10:45	33	1	119	17	31	5	121	24	240	40
11:00	18	5			34	5				
11:15	25	1			23	2				
11:30	18	2			19	1				
11:45	18	2	78	8	18	3	93	11	171	19
Totals	1035	1461			909	1733				
Combined Totals		2496				2642				
ADT										5137
AM Peak Hour	745	AM			730	AM				
Volume	419				362					
P.H.F.	0.773				0.726					
PM Peak Hour		200	PM			200	PM			
Volume		256				324				
P.H.F.		0.809				0.616				
Percentage	41.5%	58.5%			34.4%	65.6%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Bryan Avenue - Irvine Boulevard

File Name 399
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	67			6	58				
12:15	1	60			2	53				
12:30	1	56			1	54				
12:45	4	62	9	245	3	74	12	239	21	484
1:00	1	61			5	64				
1:15	0	42			3	51				
1:30	4	66			1	75				
1:45	0	72	5	241	0	64	9	254	14	495
2:00	1	65			0	82				
2:15	1	90			1	102				
2:30	2	109			1	109				
2:45	0	124	4	388	0	166	2	459	6	847
3:00	0	102			2	156				
3:15	0	108			1	136				
3:30	0	102			0	122				
3:45	0	116	0	428	0	114	3	528	3	956
4:00	0	109			0	146				
4:15	0	134			2	162				
4:30	1	114			0	134				
4:45	0	142	1	499	0	168	2	610	3	1109
5:00	0	123			3	126				
5:15	3	142			2	138				
5:30	4	144			4	126				
5:45	8	130	15	539	8	122	17	512	32	1051
6:00	3	128			5	97				
6:15	9	80			8	98				
6:30	8	97			14	82				
6:45	21	73	41	378	20	86	47	363	88	741
7:00	28	68			31	82				
7:15	32	68			26	56				
7:30	48	52			48	62				
7:45	103	53	211	241	108	56	213	256	424	497
8:00	88	51			111	38				
8:15	62	50			100	45				
8:30	45	48			78	44				
8:45	46	26	241	175	66	37	355	164	596	339
9:00	52	29			53	36				
9:15	52	36			50	18				
9:30	46	21			52	12				
9:45	57	18	207	104	66	14	221	80	428	184
10:00	47	22			58	14				
10:15	46	6			58	14				
10:30	42	8			60	12				
10:45	48	10	183	46	66	7	242	47	425	93
11:00	52	6			53	10				
11:15	56	7			47	7				
11:30	46	4			61	4				
11:45	60	0	214	17	54	3	215	24	429	41
Totals	1131	3301			1338	3536				
Combined Totals		4432				4874				
ADT										9306
AM Peak Hour	730	AM			745	AM				
Volume	301				397					
P.H.F.	0.731				0.894					
PM Peak Hour		445	PM			400	PM			
Volume		551				610				
P.H.F.		0.957				0.908				
Percentage	25.5%	74.5%			27.5%	72.5%				

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PO Box 1178
Corona, CA 92878

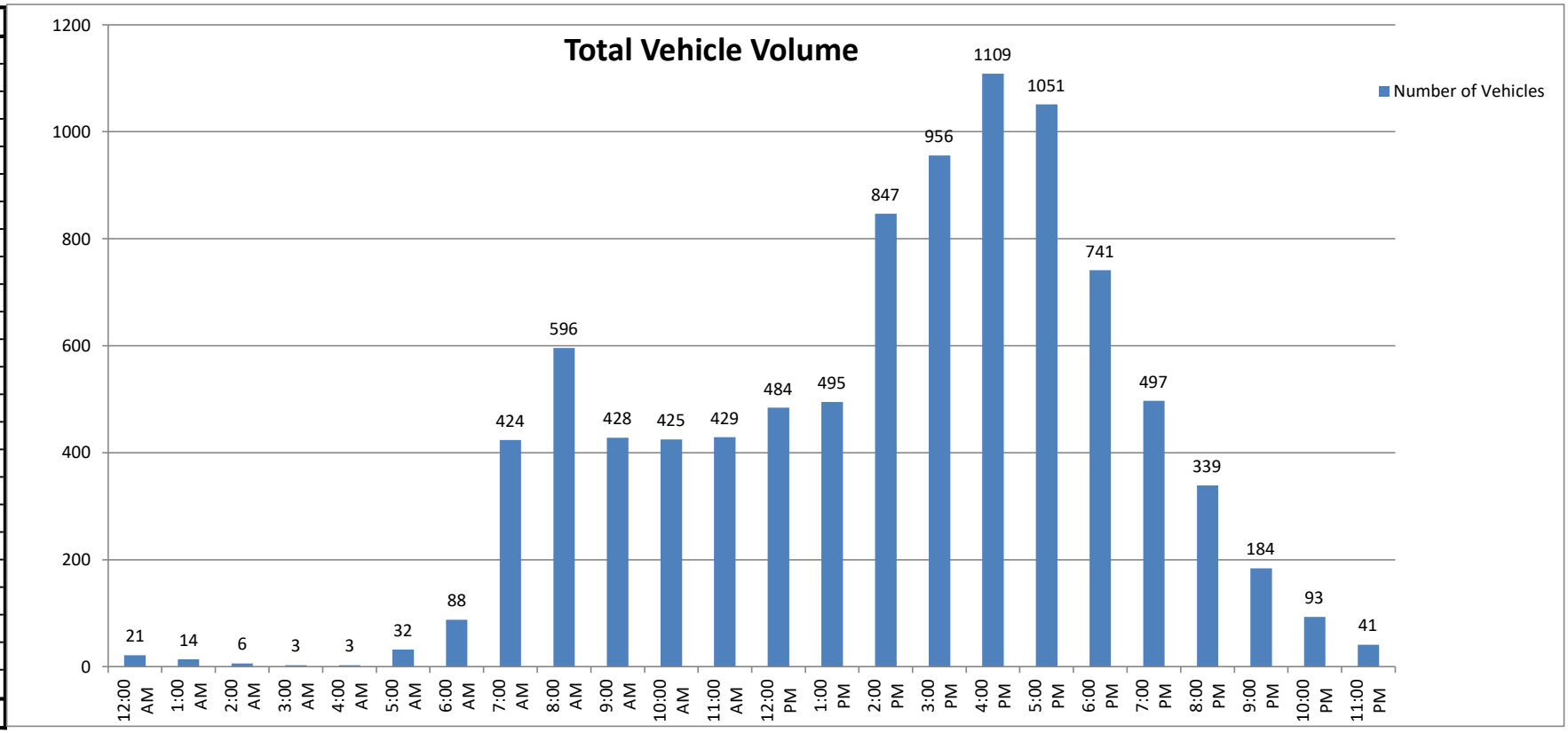
24 Hour Volume Plot

Yale Avenue

B/ Bryan Avenue - Irvine Boulevard

11/28/2023

Start Time	#########
12:00 AM	21
1:00 AM	14
2:00 AM	6
3:00 AM	3
4:00 AM	3
5:00 AM	32
6:00 AM	88
7:00 AM	424
8:00 AM	596
9:00 AM	428
10:00 AM	425
11:00 AM	429
12:00 PM	484
1:00 PM	495
2:00 PM	847
3:00 PM	956
4:00 PM	1109
5:00 PM	1051
6:00 PM	741
7:00 PM	497
8:00 PM	339
9:00 PM	184
10:00 PM	93
11:00 PM	41
Total	9306



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Bryan Avenue - Irvine Boulevard

File Name 399
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	84			1	69				
12:15	1	58			1	73				
12:30	5	58			7	70				
12:45	2	62	9	262	5	84	14	296	23	558
1:00	0	84			3	80				
1:15	0	98			1	89				
1:30	2	112			0	88				
1:45	0	99	2	393	0	136	4	393	6	786
2:00	0	70			2	88				
2:15	1	98			1	86				
2:30	1	100			0	88				
2:45	0	112	2	380	0	142	3	404	5	784
3:00	0	84			0	111				
3:15	0	102			0	90				
3:30	0	110			0	104				
3:45	1	101	1	397	0	100	0	405	1	802
4:00	0	116			0	81				
4:15	0	127			0	113				
4:30	3	118			0	124				
4:45	0	138	3	499	2	129	2	447	5	946
5:00	1	150			2	123				
5:15	0	137			4	102				
5:30	8	134			6	133				
5:45	8	139	17	560	10	114	22	472	39	1032
6:00	2	145			12	118				
6:15	10	110			8	105				
6:30	13	84			12	76				
6:45	26	88	51	427	17	62	49	361	100	788
7:00	24	56			30	52				
7:15	38	56			30	58				
7:30	58	56			59	49				
7:45	118	43	238	211	111	57	230	216	468	427
8:00	93	62			136	32				
8:15	76	48			99	26				
8:30	60	31			72	32				
8:45	92	19	321	160	96	24	403	114	724	274
9:00	79	26			89	42				
9:15	74	22			84	26				
9:30	58	24			90	26				
9:45	54	19	265	91	56	18	319	112	584	203
10:00	57	12			66	22				
10:15	50	12			54	16				
10:30	50	11			56	8				
10:45	50	6	207	41	72	5	248	51	455	92
11:00	66	8			60	8				
11:15	56	4			70	8				
11:30	66	4			50	4				
11:45	67	4	255	20	64	2	244	22	499	42
Totals	1371	3441			1538	3293				
Combined Totals		4812				4831				
ADT										9643
AM Peak Hour	745	AM			745	AM				
Volume	347				418					
P.H.F.	0.735				0.768					
PM Peak Hour		500	PM			415	PM			
Volume		560				489				
P.H.F.		0.933				0.948				
Percentage	28.5%	71.5%			31.8%	68.2%				

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Counts Unlimited, Inc.
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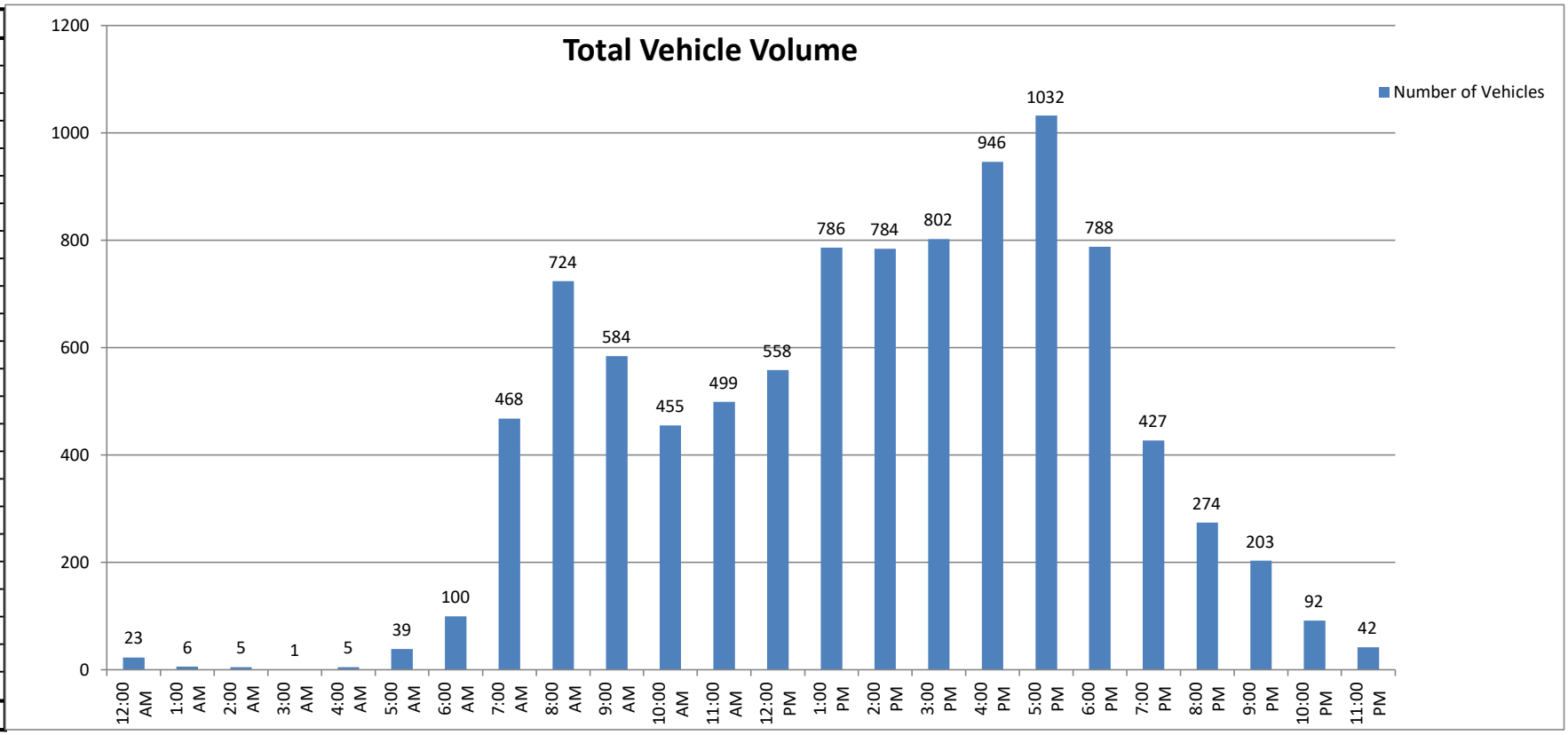
24 Hour Volume Plot

Yale Avenue

B/ Bryan Avenue - Irvine Boulevard

11/29/2023

Start Time	#########
12:00 AM	23
1:00 AM	6
2:00 AM	5
3:00 AM	1
4:00 AM	5
5:00 AM	39
6:00 AM	100
7:00 AM	468
8:00 AM	724
9:00 AM	584
10:00 AM	455
11:00 AM	499
12:00 PM	558
1:00 PM	786
2:00 PM	784
3:00 PM	802
4:00 PM	946
5:00 PM	1032
6:00 PM	788
7:00 PM	427
8:00 PM	274
9:00 PM	203
10:00 PM	92
11:00 PM	42
Total	9643



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Bryan Avenue - Irvine Boulevard

File Name 399
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	76			4	64				
12:15	1	59			2	63				
12:30	3	57			4	62				
12:45	3	62	9	254	4	79	13	268	22	521
1:00	1	73			4	72				
1:15	0	70			2	70				
1:30	3	89			1	82				
1:45	0	86	4	317	0	100	7	324	10	641
2:00	1	68			1	85				
2:15	1	94			1	94				
2:30	2	105			1	99				
2:45	0	118	3	384	0	154	3	432	6	816
3:00	0	93			1	134				
3:15	0	105			1	113				
3:30	0	106			0	113				
3:45	1	109	1	413	0	107	2	467	2	879
4:00	0	113			0	114				
4:15	0	131			1	138				
4:30	2	116			0	129				
4:45	0	140	2	499	1	149	2	529	4	1028
5:00	1	137			3	125				
5:15	2	140			3	120				
5:30	6	139			5	130				
5:45	8	135	16	550	9	118	20	492	36	1042
6:00	3	137			9	108				
6:15	10	95			8	102				
6:30	11	91			13	79				
6:45	24	81	46	403	19	74	48	362	94	765
7:00	26	62			31	67				
7:15	35	62			28	57				
7:30	53	54			54	56				
7:45	111	48	225	226	110	57	222	236	446	462
8:00	91	57			124	35				
8:15	69	49			100	36				
8:30	53	40			75	38				
8:45	69	23	281	168	81	31	379	139	660	307
9:00	66	28			71	39				
9:15	63	29			67	22				
9:30	52	23			71	19				
9:45	56	19	236	98	61	16	270	96	506	194
10:00	52	17			62	18				
10:15	48	9			56	15				
10:30	46	10			58	10				
10:45	49	8	195	44	69	6	245	49	440	93
11:00	59	7			57	9				
11:15	56	6			59	8				
11:30	56	4			56	4				
11:45	64	2	235	19	59	3	230	23	464	42
Totals	1251	3371			1438	3415				
Combined Totals		4622				4853				
ADT										9475
AM Peak Hour	730	AM			745	AM				
Volume	323				408					
P.H.F.	0.731				0.825					
PM Peak Hour		445	PM			415	PM			
Volume		555				540				
P.H.F.		0.991				0.908				
Percentage	27.1%	72.9%			29.6%	70.4%				

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City of Irvine
Yale Avenue
B/ Deerfield Avenue - Walnut Avenue

File Name 396
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	78			2	70				
12:15	6	77			3	58				
12:30	3	61			4	51				
12:45	1	63	19	279	8	46	17	225	36	504
1:00	2	76			1	62				
1:15	2	76			2	74				
1:30	2	65			1	61				
1:45	0	80	6	297	2	73	6	270	12	567
2:00	0	110			1	74				
2:15	2	111			0	124				
2:30	0	127			2	120				
2:45	2	129	4	477	2	101	5	419	9	896
3:00	0	143			0	117				
3:15	0	119			1	80				
3:30	1	100			0	87				
3:45	1	133	2	495	0	113	1	397	3	892
4:00	1	124			0	99				
4:15	4	127			0	79				
4:30	3	100			1	80				
4:45	7	149	15	500	6	83	7	341	22	841
5:00	8	143			2	92				
5:15	11	152			5	95				
5:30	17	137			4	111				
5:45	21	148	57	580	7	82	18	380	75	960
6:00	9	129			6	82				
6:15	20	95			5	68				
6:30	31	72			20	81				
6:45	35	69	95	365	27	64	58	295	153	660
7:00	41	45			28	55				
7:15	49	41			43	55				
7:30	67	42			68	58				
7:45	126	34	283	162	139	40	278	208	561	370
8:00	214	44			129	31				
8:15	139	47			182	32				
8:30	85	25			109	39				
8:45	70	21	508	137	78	28	498	130	1006	267
9:00	77	23			79	21				
9:15	61	21			64	26				
9:30	61	19			40	23				
9:45	59	15	258	78	52	14	235	84	493	162
10:00	59	23			59	18				
10:15	50	13			53	17				
10:30	65	14			43	7				
10:45	68	10	242	60	66	9	221	51	463	111
11:00	72	4			49	9				
11:15	69	1			63	7				
11:30	74	5			58	10				
11:45	68	14	283	24	67	4	237	30	520	54
Totals	1772	3454			1581	2830				
Combined Totals		5226				4411				
ADT										9637
AM Peak Hour	745	AM			745	AM				
Volume	564				559					
P.H.F.	0.659				0.768					
PM Peak Hour		445	PM			215	PM			
Volume		581				462				
P.H.F.		0.956				0.931				
Percentage	33.9%	66.1%			35.8%	64.2%				

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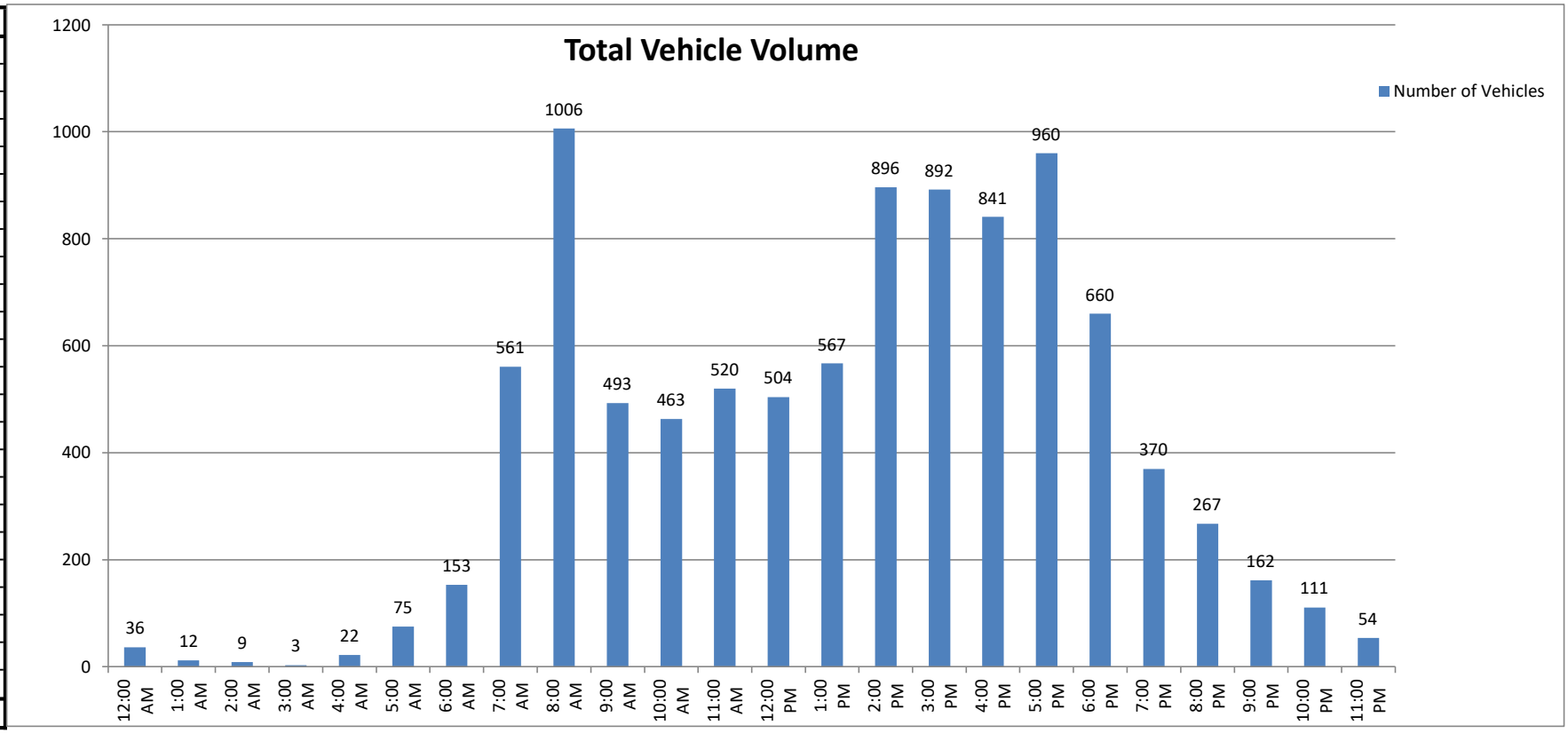
24 Hour Volume Plot

Yale Avenue

B/ Deerfield Avenue - Walnut Avenue

11/28/2023

Start Time	#########
12:00 AM	36
1:00 AM	12
2:00 AM	9
3:00 AM	3
4:00 AM	22
5:00 AM	75
6:00 AM	153
7:00 AM	561
8:00 AM	1006
9:00 AM	493
10:00 AM	463
11:00 AM	520
12:00 PM	504
1:00 PM	567
2:00 PM	896
3:00 PM	892
4:00 PM	841
5:00 PM	960
6:00 PM	660
7:00 PM	370
8:00 PM	267
9:00 PM	162
10:00 PM	111
11:00 PM	54
Total	9637



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Yale Avenue
B/ Deerfield Avenue - Walnut Avenue

File Name 396
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	68			2	64				
12:15	3	64			4	72				
12:30	3	75			5	56				
12:45	3	76	13	283	5	64	16	256	29	539
1:00	2	82			4	69				
1:15	1	102			4	107				
1:30	3	137			2	85				
1:45	0	82	6	403	0	60	10	321	16	724
2:00	1	91			0	81				
2:15	2	92			0	101				
2:30	0	101			0	91				
2:45	3	79	6	363	4	75	4	348	10	711
3:00	1	120			2	78				
3:15	1	147			3	70				
3:30	2	97			0	91				
3:45	2	117	6	481	1	117	6	356	12	837
4:00	0	135			1	82				
4:15	1	111			0	86				
4:30	3	97			2	75				
4:45	7	119	11	462	2	98	5	341	16	803
5:00	9	141			2	99				
5:15	9	141			1	102				
5:30	8	120			8	99				
5:45	17	130	43	532	5	66	16	366	59	898
6:00	15	138			7	80				
6:15	21	91			10	74				
6:30	22	57			16	67				
6:45	37	75	95	361	25	56	58	277	153	638
7:00	36	53			34	54				
7:15	61	47			35	50				
7:30	66	46			77	49				
7:45	110	52	273	198	118	43	264	196	537	394
8:00	192	54			121	39				
8:15	124	36			145	32				
8:30	72	22			121	39				
8:45	102	29	490	141	115	38	502	148	992	289
9:00	97	25			68	26				
9:15	63	15			59	27				
9:30	67	16			53	17				
9:45	84	21	311	77	62	26	242	96	553	173
10:00	65	18			46	22				
10:15	68	7			54	16				
10:30	72	8			61	6				
10:45	63	9	268	42	59	18	220	62	488	104
11:00	79	6			55	12				
11:15	73	7			46	9				
11:30	58	6			46	6				
11:45	74	7	284	26	61	3	208	30	492	56
Totals	1806	3369			1551	2797				
Combined Totals		5175				4348				
ADT										9523
AM Peak Hour	745	AM			745	AM				
Volume	498				505					
P.H.F.	0.648				0.871					
PM Peak Hour		500	PM			445	PM			
Volume		532				398				
P.H.F.		0.943				0.975				
Percentage	34.9%	65.1%			35.7%	64.3%				

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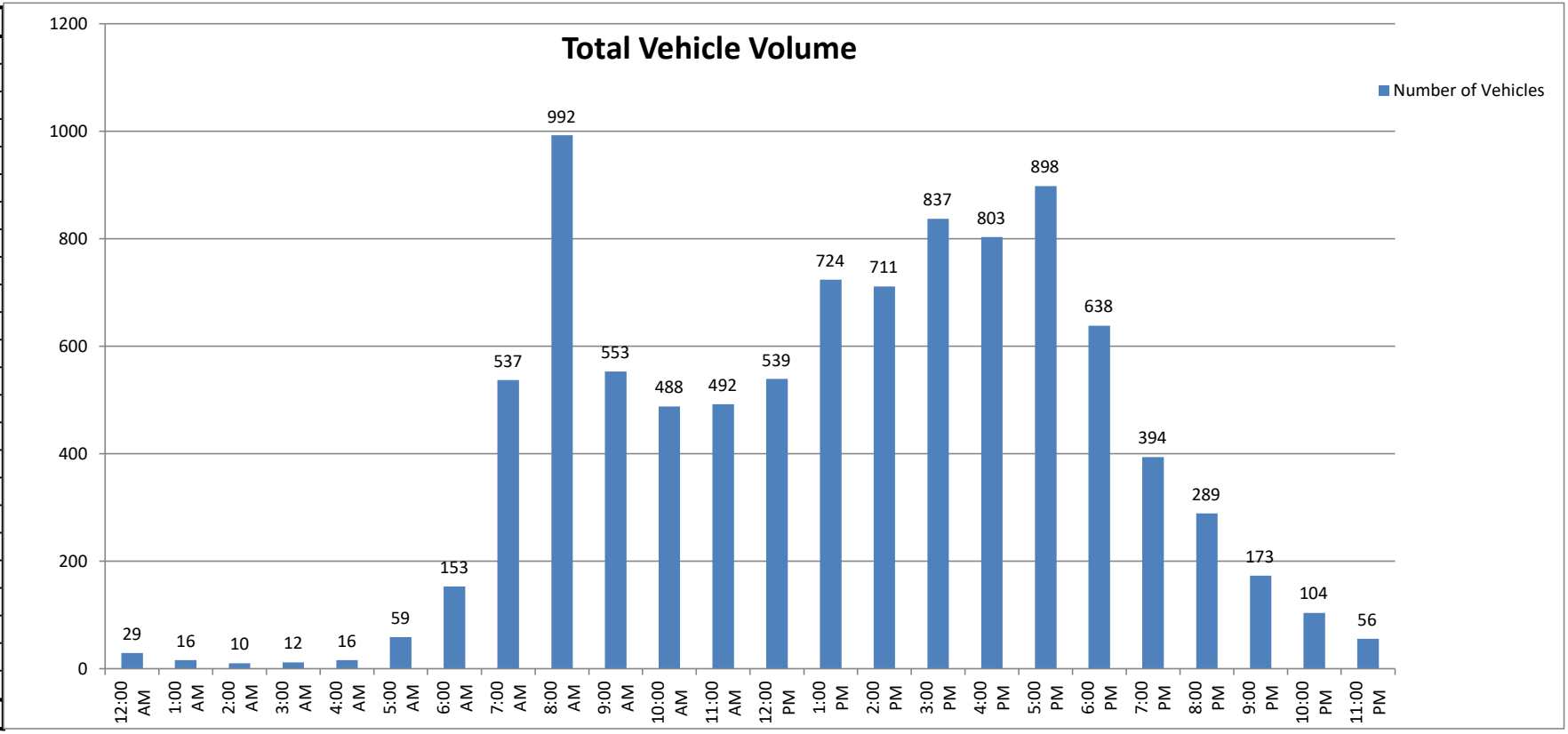
24 Hour Volume Plot

Yale Avenue

B/ Deerfield Avenue - Walnut Avenue

11/29/2023

Start Time	#########
12:00 AM	29
1:00 AM	16
2:00 AM	10
3:00 AM	12
4:00 AM	16
5:00 AM	59
6:00 AM	153
7:00 AM	537
8:00 AM	992
9:00 AM	553
10:00 AM	488
11:00 AM	492
12:00 PM	539
1:00 PM	724
2:00 PM	711
3:00 PM	837
4:00 PM	803
5:00 PM	898
6:00 PM	638
7:00 PM	394
8:00 PM	289
9:00 PM	173
10:00 PM	104
11:00 PM	56
Total	9523



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Deerfield Avenue - Walnut Avenue

File Name 396
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	73			2	67				
12:15	5	71			4	65				
12:30	3	68			5	54				
12:45	2	70	16	281	7	55	17	241	33	522
1:00	2	79			3	66				
1:15	2	89			3	91				
1:30	3	101			2	73				
1:45	0	81	6	350	1	67	8	296	14	646
2:00	1	101			1	78				
2:15	2	102			0	113				
2:30	0	114			1	106				
2:45	3	104	5	420	3	88	5	384	10	804
3:00	1	132			1	98				
3:15	1	133			2	75				
3:30	2	99			0	89				
3:45	2	125	4	488	1	115	4	377	8	865
4:00	1	130			1	91				
4:15	3	119			0	83				
4:30	3	99			2	78				
4:45	7	134	13	481	4	91	6	341	19	822
5:00	9	142			2	96				
5:15	10	147			3	99				
5:30	13	129			6	105				
5:45	19	139	50	556	6	74	17	373	67	929
6:00	12	134			7	81				
6:15	21	93			8	71				
6:30	27	65			18	74				
6:45	36	72	95	363	26	60	58	286	153	649
7:00	39	49			31	55				
7:15	55	44			39	53				
7:30	67	44			73	54				
7:45	118	43	278	180	129	42	271	202	549	382
8:00	203	49			125	35				
8:15	132	42			164	32				
8:30	79	24			115	39				
8:45	86	25	499	139	97	33	500	139	999	278
9:00	87	24			74	24				
9:15	62	18			62	27				
9:30	64	18			47	20				
9:45	72	18	285	78	57	20	239	90	523	168
10:00	62	21			53	20				
10:15	59	10			54	17				
10:30	69	11			52	7				
10:45	66	10	255	51	63	14	221	57	476	108
11:00	76	5			52	11				
11:15	71	4			55	8				
11:30	66	6			52	8				
11:45	71	11	284	25	64	4	223	30	506	55
Totals	1789	3412			1566	2814				
Combined Totals		5201				4380				
ADT										9580
AM Peak Hour	745 AM				745 AM					
Volume	531				532					
P.H.F.	0.654				0.813					
PM Peak Hour		500 PM				215 PM				
Volume		556				404				
P.H.F.		0.949				0.897				
Percentage	34.4%	65.6%			35.8%	64.2%				

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City of Irvine
Yale Avenue
B/ Irvine Center Drive - Deerfield Avenue

File Name 395
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	105			3	84				
12:15	10	102			4	86				
12:30	4	89			2	60				
12:45	5	72	28	368	1	69	10	299	38	667
1:00	2	98			1	78				
1:15	2	82			2	84				
1:30	3	102			3	78				
1:45	1	98	8	380	1	124	7	364	15	744
2:00	2	94			1	74				
2:15	2	121			0	98				
2:30	0	111			1	116				
2:45	0	142	4	468	0	117	2	405	6	873
3:00	0	132			0	133				
3:15	1	116			2	73				
3:30	1	123			1	96				
3:45	5	152	7	523	4	107	7	409	14	932
4:00	1	162			1	95				
4:15	2	143			1	92				
4:30	1	134			1	91				
4:45	3	150	7	589	14	98	17	376	24	965
5:00	4	186			3	71				
5:15	5	216			18	98				
5:30	4	200			21	108				
5:45	10	185	23	787	23	77	65	354	88	1141
6:00	10	145			17	73				
6:15	11	127			20	78				
6:30	19	100			37	59				
6:45	19	75	59	447	51	61	125	271	184	718
7:00	24	69			53	50				
7:15	39	61			91	41				
7:30	42	49			108	32				
7:45	91	50	196	229	199	43	451	166	647	395
8:00	159	62			197	25				
8:15	96	60			236	19				
8:30	85	46			169	27				
8:45	66	36	406	204	144	21	746	92	1152	296
9:00	111	36			125	16				
9:15	65	36			130	18				
9:30	66	29			76	21				
9:45	65	13	307	114	76	13	407	68	714	182
10:00	61	27			67	14				
10:15	65	18			92	10				
10:30	74	23			84	9				
10:45	85	10	285	78	84	10	327	43	612	121
11:00	81	17			61	3				
11:15	74	4			80	2				
11:30	84	9			62	12				
11:45	80	6	319	36	75	4	278	21	597	57
Totals	1649	4223			2442	2868				
Combined Totals		5872				5310				
ADT										11182
AM Peak Hour	745	AM			745	AM				
Volume	431				801					
P.H.F.	0.678				0.849					
PM Peak Hour		500	PM			215	PM			
Volume		787				464				
P.H.F.		0.911				0.872				
Percentage	28.1%	71.9%			46.0%	54.0%				

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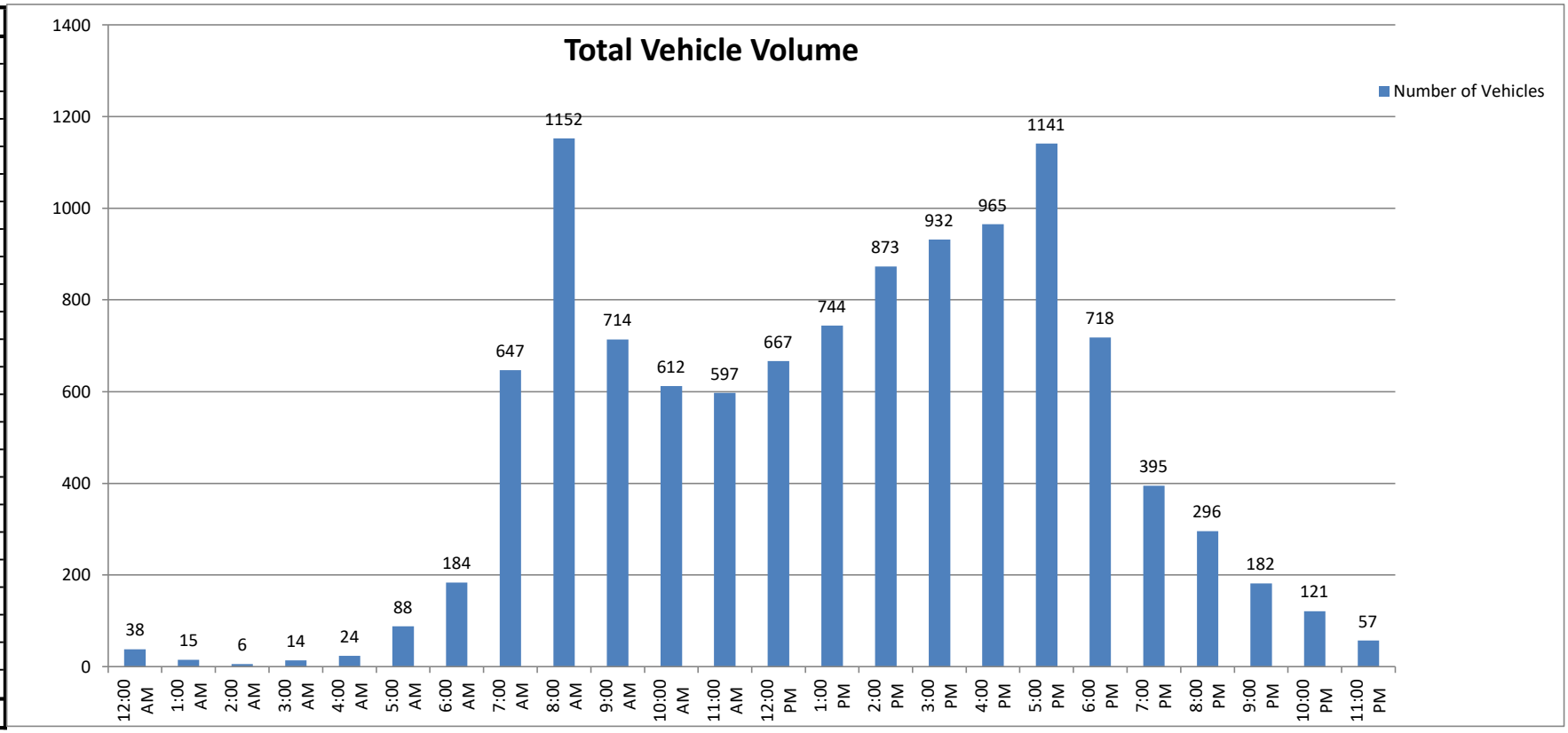
24 Hour Volume Plot

Yale Avenue

B/ Irvine Center Drive - Deerfield Avenue

11/28/2023

Start Time	#########
12:00 AM	38
1:00 AM	15
2:00 AM	6
3:00 AM	14
4:00 AM	24
5:00 AM	88
6:00 AM	184
7:00 AM	647
8:00 AM	1152
9:00 AM	714
10:00 AM	612
11:00 AM	597
12:00 PM	667
1:00 PM	744
2:00 PM	873
3:00 PM	932
4:00 PM	965
5:00 PM	1141
6:00 PM	718
7:00 PM	395
8:00 PM	296
9:00 PM	182
10:00 PM	121
11:00 PM	57
Total	11182



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Irvine Center Drive - Deerfield Avenue

File Name 395
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	105			5	88				
12:15	7	86			6	88				
12:30	7	89			2	78				
12:45	3	86	21	366	3	71	16	325	37	691
1:00	6	105			4	79				
1:15	3	88			2	120				
1:30	4	135			3	109				
1:45	2	90	15	418	1	91	10	399	25	817
2:00	3	97			0	80				
2:15	1	106			0	100				
2:30	1	105			0	84				
2:45	2	129	7	437	2	94	2	358	9	795
3:00	1	106			4	104				
3:15	2	143			2	75				
3:30	3	123			0	86				
3:45	1	137	7	509	1	98	7	363	14	872
4:00	1	156			4	87				
4:15	1	145			2	110				
4:30	1	142			6	91				
4:45	0	153	3	596	10	108	22	396	25	992
5:00	3	186			4	96				
5:15	5	188			11	99				
5:30	5	210			27	76				
5:45	5	146	18	730	16	82	58	353	76	1083
6:00	9	175			20	70				
6:15	10	93			27	67				
6:30	18	83			25	59				
6:45	20	91	57	442	56	62	128	258	185	700
7:00	28	72			47	45				
7:15	45	76			81	42				
7:30	49	70			116	40				
7:45	68	65	190	283	178	44	422	171	612	454
8:00	157	59			177	34				
8:15	93	50			216	32				
8:30	67	35			165	27				
8:45	84	47	401	191	183	21	741	114	1142	305
9:00	119	54			135	20				
9:15	85	24			100	21				
9:30	79	33			82	17				
9:45	74	27	357	138	89	17	406	75	763	213
10:00	76	36			75	12				
10:15	54	15			73	10				
10:30	69	18			103	8				
10:45	83	16	282	85	69	8	320	38	602	123
11:00	77	21			79	3				
11:15	76	8			53	4				
11:30	78	9			65	5				
11:45	80	6	311	44	78	1	275	13	586	57
Totals	1669	4239			2407	2863				
Combined Totals		5908				5270				
ADT										11178
AM Peak Hour	800 AM				800 AM					
Volume	401				741					
P.H.F.	0.639				0.858					
PM Peak Hour		445 PM				415 PM				
Volume		737				405				
P.H.F.		0.877				0.920				
Percentage	28.2%	71.8%			45.7%	54.3%				

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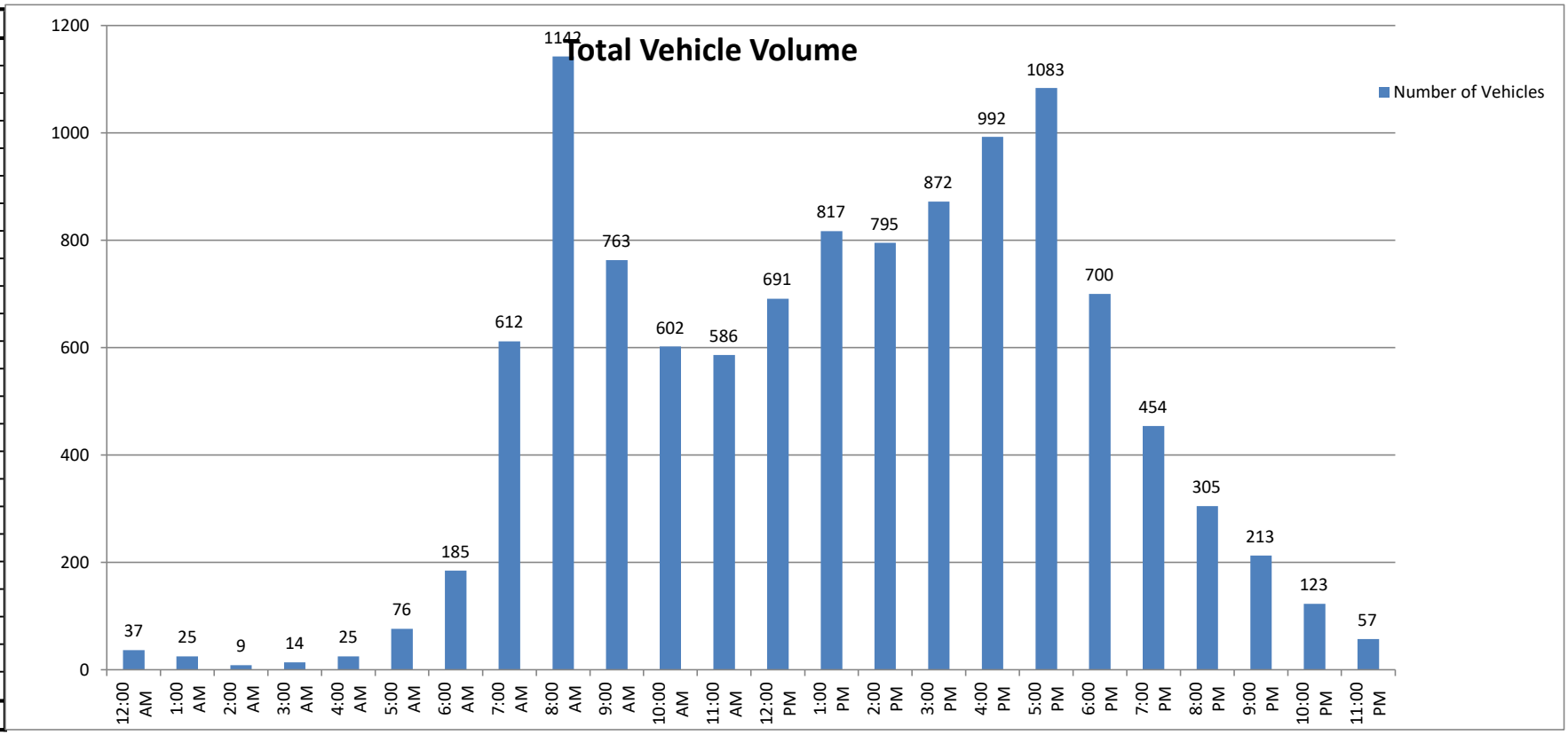
24 Hour Volume Plot

Yale Avenue

B/ Irvine Center Drive - Deerfield Avenue

11/29/2023

Start Time	#########
12:00 AM	37
1:00 AM	25
2:00 AM	9
3:00 AM	14
4:00 AM	25
5:00 AM	76
6:00 AM	185
7:00 AM	612
8:00 AM	1142
9:00 AM	763
10:00 AM	602
11:00 AM	586
12:00 PM	691
1:00 PM	817
2:00 PM	795
3:00 PM	872
4:00 PM	992
5:00 PM	1083
6:00 PM	700
7:00 PM	454
8:00 PM	305
9:00 PM	213
10:00 PM	123
11:00 PM	57
Total	11178



Volumes represent the combined totals for both directions

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City of Irvine
Yale Avenue
B/ Irvine Center Drive - Deerfield Avenue

File Name 395
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	7	105			4	86				
12:15	9	94			5	87				
12:30	6	89			2	69				
12:45	4	79	25	367	2	70	13	312	38	679
1:00	4	102			3	79				
1:15	3	85			2	102				
1:30	4	119			3	94				
1:45	2	94	12	399	1	108	9	382	20	781
2:00	3	96			1	77				
2:15	2	114			0	99				
2:30	1	108			1	100				
2:45	1	136	6	453	1	106	2	382	8	834
3:00	1	119			2	119				
3:15	2	130			2	74				
3:30	2	123			1	91				
3:45	3	145	7	516	3	103	7	386	14	902
4:00	1	159			3	91				
4:15	2	144			2	101				
4:30	1	138			4	91				
4:45	2	152	5	593	12	103	20	386	25	979
5:00	4	186			4	84				
5:15	5	202			15	99				
5:30	5	205			24	92				
5:45	8	166	21	759	20	80	62	354	82	1112
6:00	10	160			19	72				
6:15	11	110			24	73				
6:30	19	92			31	59				
6:45	20	83	58	445	54	62	127	265	185	709
7:00	26	71			50	48				
7:15	42	69			86	42				
7:30	46	60			112	36				
7:45	80	58	193	256	189	44	437	169	630	425
8:00	158	61			187	30				
8:15	95	55			226	26				
8:30	76	41			167	27				
8:45	75	42	404	198	164	21	744	103	1147	301
9:00	115	45			130	18				
9:15	75	30			115	20				
9:30	73	31			79	19				
9:45	70	20	332	126	83	15	407	72	739	198
10:00	69	32			71	13				
10:15	60	17			83	10				
10:30	72	21			94	9				
10:45	84	13	284	82	77	9	324	41	607	122
11:00	79	19			70	3				
11:15	75	6			67	3				
11:30	81	9			64	9				
11:45	80	6	315	40	77	3	277	17	592	57
Totals	1659	4231			2425	2866				
Combined Totals		5890				5290				
ADT										11180
AM Peak Hour	745 AM				745 AM					
Volume	408				769					
P.H.F.	0.646				0.850					
PM Peak Hour		500 PM				215 PM				
Volume		759				423				
P.H.F.		0.925				0.892				
Percentage	28.2%	71.8%			45.8%	54.2%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Irvine Boulevard - Hicks Canyon Drive

File Name 400
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	36			1	50				
12:15	0	54			2	51				
12:30	1	34			1	39				
12:45	0	48	4	172	0	37	4	177	8	349
1:00	0	37			2	46				
1:15	2	40			1	34				
1:30	0	50			1	44				
1:45	1	50	3	177	0	56	4	180	7	357
2:00	1	56			0	47				
2:15	0	82			0	68				
2:30	0	77			0	128				
2:45	0	109	1	324	1	134	1	377	2	701
3:00	1	71			1	69				
3:15	0	59			0	71				
3:30	1	51			1	63				
3:45	1	85	3	266	2	68	4	271	7	537
4:00	0	95			1	83				
4:15	0	104			0	90				
4:30	0	94			0	79				
4:45	1	82	1	375	5	63	6	315	7	690
5:00	2	68			3	77				
5:15	3	83			5	76				
5:30	2	74			10	63				
5:45	4	68	11	293	6	60	24	276	35	569
6:00	3	67			9	46				
6:15	6	43			9	43				
6:30	11	54			23	40				
6:45	17	64	37	228	37	50	78	179	115	407
7:00	25	51			37	36				
7:15	24	38			54	41				
7:30	40	52			98	34				
7:45	103	39	192	180	132	25	321	136	513	316
8:00	149	37			131	13				
8:15	49	20			99	17				
8:30	30	32			71	12				
8:45	41	34	269	123	61	23	362	65	631	188
9:00	25	26			47	17				
9:15	29	32			50	22				
9:30	52	18			52	6				
9:45	34	18	140	94	48	15	197	60	337	154
10:00	36	20			51	2				
10:15	27	9			45	6				
10:30	28	11			57	6				
10:45	27	2	118	42	38	2	191	16	309	58
11:00	41	8			46	3				
11:15	41	4			46	4				
11:30	32	8			46	4				
11:45	41	1	155	21	37	1	175	12	330	33
Totals	934	2295			1367	2064				
Combined Totals		3229				3431				
ADT										6660
AM Peak Hour	730 AM				730 AM					
Volume	341				460					
P.H.F.	0.572				0.871					
PM Peak Hour		345 PM				230 PM				
Volume		378				402				
P.H.F.		0.909				0.750				
Percentage	28.9%	71.1%			39.8%	60.2%				

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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

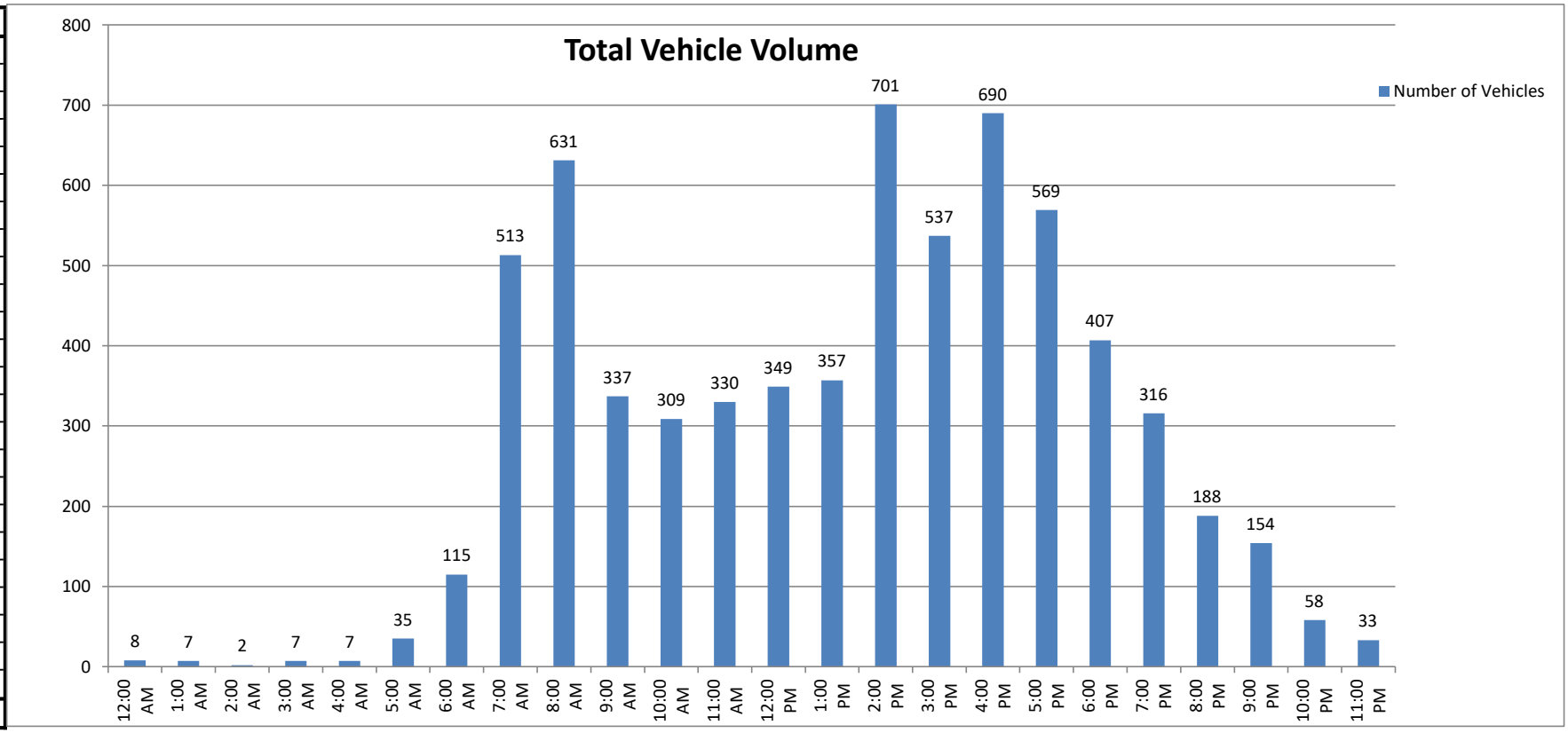
24 Hour Volume Plot

Yale Avenue

B/ Irvine Boulevard - Hicks Canyon Drive

11/28/2023

Start Time	#########
12:00 AM	8
1:00 AM	7
2:00 AM	2
3:00 AM	7
4:00 AM	7
5:00 AM	35
6:00 AM	115
7:00 AM	513
8:00 AM	631
9:00 AM	337
10:00 AM	309
11:00 AM	330
12:00 PM	349
1:00 PM	357
2:00 PM	701
3:00 PM	537
4:00 PM	690
5:00 PM	569
6:00 PM	407
7:00 PM	316
8:00 PM	188
9:00 PM	154
10:00 PM	58
11:00 PM	33
Total	6660



Volumes represent the combined totals for both directions

Phone: 951-268-6268
counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Irvine Boulevard - Hicks Canyon Drive

File Name 400
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	45			1	29				
12:15	2	47			0	44				
12:30	2	44			1	56				
12:45	0	40	5	176	1	36	3	165	8	341
1:00	0	47			1	44				
1:15	2	62			0	50				
1:30	1	62			0	78				
1:45	0	67	3	238	0	76	1	248	4	486
2:00	0	58			0	53				
2:15	1	52			0	51				
2:30	1	82			1	107				
2:45	0	82	2	274	1	96	2	307	4	581
3:00	0	58			1	47				
3:15	0	61			0	50				
3:30	0	58			0	63				
3:45	1	77	1	254	0	59	1	219	2	473
4:00	0	82			1	81				
4:15	0	69			1	90				
4:30	0	76			1	73				
4:45	1	74	1	301	5	69	8	313	9	614
5:00	1	68			5	78				
5:15	0	78			8	67				
5:30	3	70			6	66				
5:45	2	75	6	291	11	51	30	262	36	553
6:00	4	79			8	43				
6:15	4	76			13	65				
6:30	9	67			11	58				
6:45	17	65	34	287	29	41	61	207	95	494
7:00	21	46			33	31				
7:15	22	41			46	29				
7:30	30	48			118	24				
7:45	71	42	144	177	100	36	297	120	441	297
8:00	81	35			109	18				
8:15	45	40			67	25				
8:30	53	20			82	17				
8:45	82	35	261	130	69	23	327	83	588	213
9:00	89	35			77	40				
9:15	29	25			76	18				
9:30	36	11			63	8				
9:45	28	24	182	95	37	15	253	81	435	176
10:00	30	12			38	8				
10:15	36	10			45	3				
10:30	27	3			39	6				
10:45	57	12	150	37	44	4	166	21	316	58
11:00	47	6			41	2				
11:15	50	6			42	5				
11:30	42	3			50	2				
11:45	31	2	170	17	42	1	175	10	345	27
Totals	959	2277			1324	2036				
Combined Totals		3236				3360				
ADT										6596
AM Peak Hour	815	AM			730	AM				
Volume	269				394					
P.H.F.	0.756				0.835					
PM Peak Hour		345	PM			400	PM			
Volume		304				313				
P.H.F.		0.927				0.869				
Percentage	29.6%	70.4%			39.4%	60.6%				

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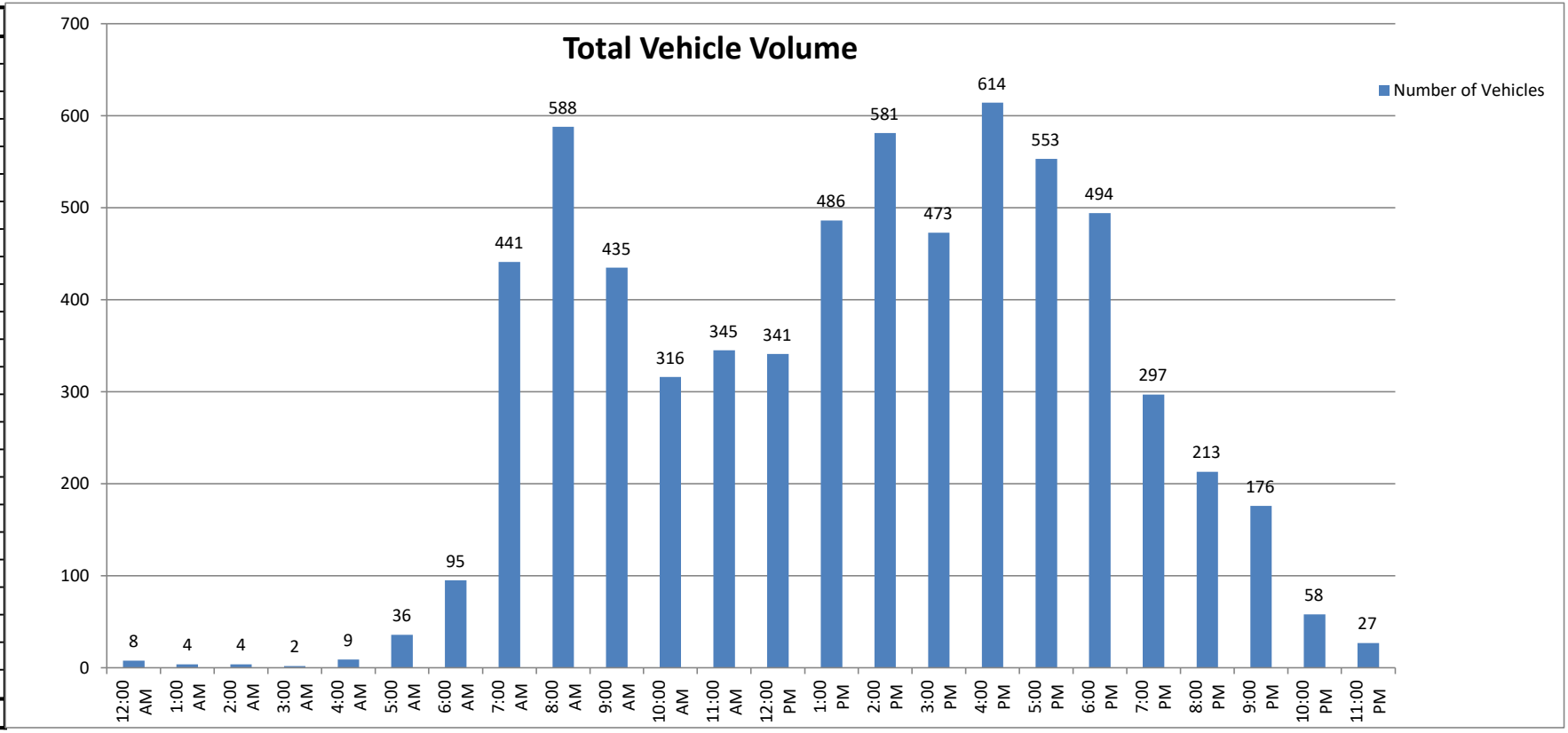
24 Hour Volume Plot

Yale Avenue

B/ Irvine Boulevard - Hicks Canyon Drive

11/29/2023

Start Time	#########
12:00 AM	8
1:00 AM	4
2:00 AM	4
3:00 AM	2
4:00 AM	9
5:00 AM	36
6:00 AM	95
7:00 AM	441
8:00 AM	588
9:00 AM	435
10:00 AM	316
11:00 AM	345
12:00 PM	341
1:00 PM	486
2:00 PM	581
3:00 PM	473
4:00 PM	614
5:00 PM	553
6:00 PM	494
7:00 PM	297
8:00 PM	213
9:00 PM	176
10:00 PM	58
11:00 PM	27
Total	6596



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Irvine Boulevard - Hicks Canyon Drive

File Name 400
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	41			1	40				
12:15	1	51			1	48				
12:30	2	39			1	48				
12:45	0	44	5	174	1	37	4	171	8	345
1:00	0	42			2	45				
1:15	2	51			1	42				
1:30	1	56			1	61				
1:45	1	59	3	208	0	66	3	214	6	422
2:00	1	57			0	50				
2:15	1	67			0	60				
2:30	1	80			1	118				
2:45	0	96	2	299	1	115	2	342	3	641
3:00	1	65			1	58				
3:15	0	60			0	61				
3:30	1	55			1	63				
3:45	1	81	2	260	1	64	3	245	5	505
4:00	0	89			1	82				
4:15	0	87			1	90				
4:30	0	85			1	76				
4:45	1	78	1	338	5	66	7	314	8	652
5:00	2	68			4	78				
5:15	2	81			7	72				
5:30	3	72			8	65				
5:45	3	72	9	292	9	56	27	269	36	561
6:00	4	73			9	45				
6:15	5	60			11	54				
6:30	10	61			17	49				
6:45	17	65	36	258	33	46	70	193	105	451
7:00	23	49			35	34				
7:15	23	40			50	35				
7:30	35	50			108	29				
7:45	87	41	168	179	116	31	309	128	477	307
8:00	115	36			120	16				
8:15	47	30			83	21				
8:30	42	26			77	15				
8:45	62	35	265	127	65	23	345	74	610	201
9:00	57	31			62	29				
9:15	29	29			63	20				
9:30	44	15			58	7				
9:45	31	21	161	95	43	15	225	71	386	165
10:00	33	16			45	5				
10:15	32	10			45	5				
10:30	28	7			48	6				
10:45	42	7	134	40	41	3	179	19	313	58
11:00	44	7			44	3				
11:15	46	5			44	5				
11:30	37	6			48	3				
11:45	36	2	163	19	40	1	175	11	338	30
Totals	947	2286			1346	2050				
Combined Totals		3233				3396				
ADT										6628
AM Peak Hour	745	AM			730	AM				
Volume	291				427					
P.H.F.	0.632				0.890					
PM Peak Hour		345	PM			230	PM			
Volume		341				351				
P.H.F.		0.963				0.747				
Percentage	29.3%	70.7%			39.6%	60.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
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City of Irvine
Yale Avenue
B/ Trabuco Road - Bryan Avenue

File Name 398
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	61			9	50				
12:15	0	47			8	47				
12:30	3	45			1	48				
12:45	0	46	4	199	4	69	22	214	26	413
1:00	1	58			3	56				
1:15	1	39			5	42				
1:30	3	64			0	52				
1:45	0	62	5	223	0	48	8	198	13	421
2:00	2	53			0	60				
2:15	0	98			1	60				
2:30	0	108			2	74				
2:45	4	100	6	359	2	107	5	301	11	660
3:00	1	90			0	104				
3:15	0	86			0	98				
3:30	0	86			0	115				
3:45	0	98	1	360	1	92	1	409	2	769
4:00	1	118			2	110				
4:15	3	114			0	88				
4:30	1	108			2	109				
4:45	1	106	6	446	1	132	5	439	11	885
5:00	0	130			3	114				
5:15	0	138			2	121				
5:30	3	150			6	136				
5:45	7	118	10	536	8	116	19	487	29	1023
6:00	4	120			8	81				
6:15	7	96			9	92				
6:30	11	88			14	70				
6:45	26	69	48	373	14	80	45	323	93	696
7:00	16	68			26	72				
7:15	26	54			16	44				
7:30	56	48			42	48				
7:45	106	57	204	227	90	64	174	228	378	455
8:00	96	44			112	32				
8:15	56	34			96	44				
8:30	32	29			74	42				
8:45	33	34	217	141	82	34	364	152	581	293
9:00	36	22			56	26				
9:15	43	26			51	22				
9:30	31	13			44	17				
9:45	45	16	155	77	58	12	209	77	364	154
10:00	45	17			44	14				
10:15	32	5			50	16				
10:30	39	9			43	11				
10:45	50	8	166	39	53	8	190	49	356	88
11:00	46	4			46	5				
11:15	56	5			42	3				
11:30	45	3			60	2				
11:45	60	2	207	14	56	5	204	15	411	29
Totals	1029	2994			1246	2892				
Combined Totals		4023				4138				
ADT										8161
AM Peak Hour	730	AM			745	AM				
Volume	314				372					
P.H.F.	0.741				0.830					
PM Peak Hour		500	PM			445	PM			
Volume		536				503				
P.H.F.		0.893				0.925				
Percentage	25.6%	74.4%			30.1%	69.9%				

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Corona, CA 92878

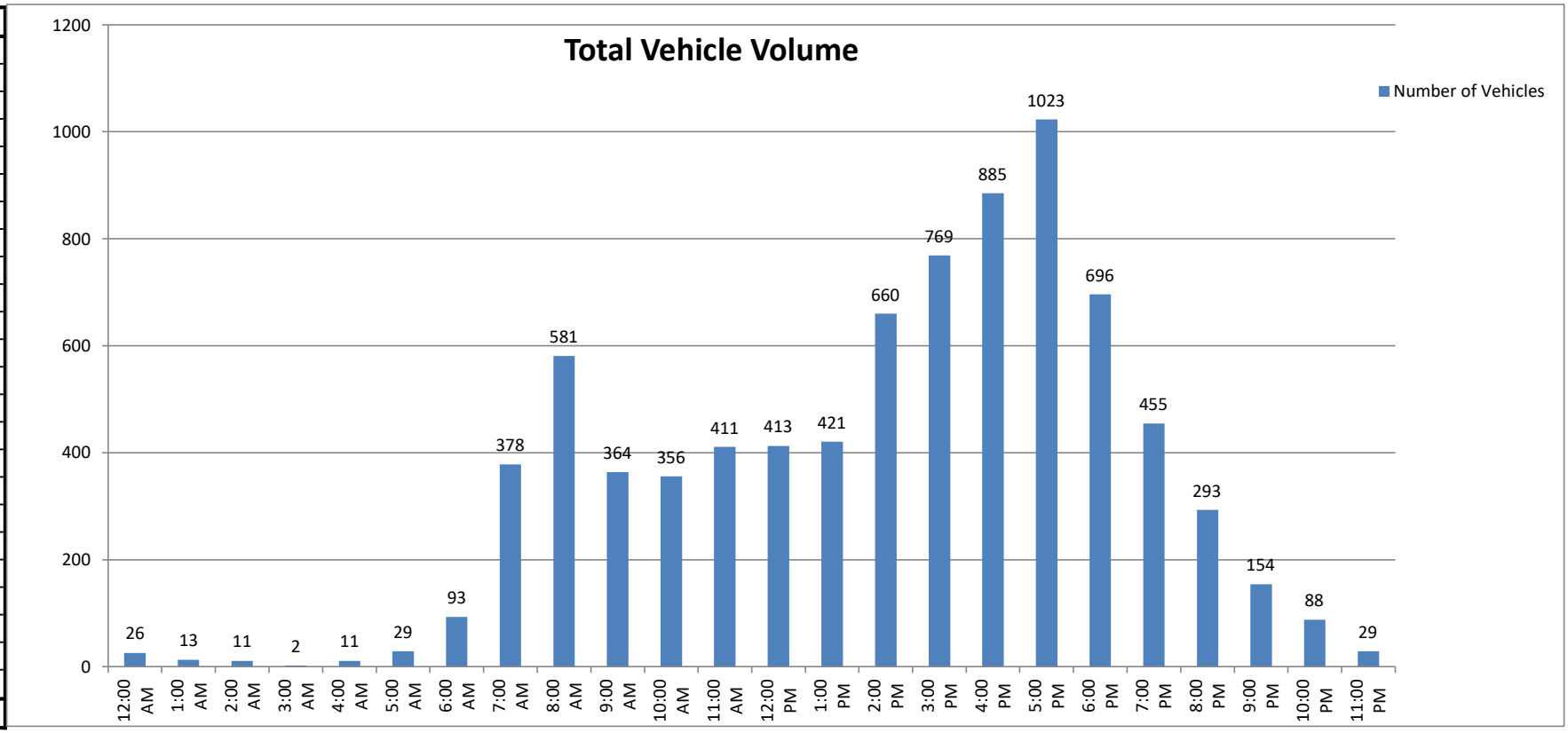
24 Hour Volume Plot

Yale Avenue

B/ Trabuco Road - Bryan Avenue

11/28/2023

Start Time	#########
12:00 AM	26
1:00 AM	13
2:00 AM	11
3:00 AM	2
4:00 AM	11
5:00 AM	29
6:00 AM	93
7:00 AM	378
8:00 AM	581
9:00 AM	364
10:00 AM	356
11:00 AM	411
12:00 PM	413
1:00 PM	421
2:00 PM	660
3:00 PM	769
4:00 PM	885
5:00 PM	1023
6:00 PM	696
7:00 PM	455
8:00 PM	293
9:00 PM	154
10:00 PM	88
11:00 PM	29
Total	8161



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Yale Avenue
B/ Trabuco Road - Bryan Avenue

File Name 398
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	67			4	52				
12:15	2	54			3	56				
12:30	4	55			7	48				
12:45	2	47	10	223	3	56	17	212	27	435
1:00	0	62			2	60				
1:15	0	93			4	66				
1:30	1	102			0	85				
1:45	1	72	2	329	0	96	6	307	8	636
2:00	0	69			2	58				
2:15	0	95			1	65				
2:30	0	90			0	66				
2:45	1	72	1	326	0	114	3	303	4	629
3:00	0	88			0	76				
3:15	0	90			0	74				
3:30	1	95			0	84				
3:45	0	96	1	369	4	95	4	329	5	698
4:00	0	120			0	62				
4:15	3	102			0	90				
4:30	1	104			0	98				
4:45	0	107	4	433	4	109	4	359	8	792
5:00	1	121			2	112				
5:15	0	139			3	82				
5:30	3	136			10	112				
5:45	4	126	8	522	12	104	27	410	35	932
6:00	2	130			10	94				
6:15	12	95			10	90				
6:30	12	92			10	88				
6:45	24	61	50	378	18	62	48	334	98	712
7:00	26	54			24	44				
7:15	34	48			30	59				
7:30	84	44			68	55				
7:45	118	52	262	198	112	48	234	206	496	404
8:00	82	56			148	32				
8:15	54	24			87	21				
8:30	56	32			70	32				
8:45	72	12	264	124	90	27	395	112	659	236
9:00	52	24			63	28				
9:15	39	17			67	27				
9:30	42	14			78	24				
9:45	37	18	170	73	58	18	266	97	436	170
10:00	50	12			56	25				
10:15	35	12			46	19				
10:30	36	8			48	8				
10:45	50	6	171	38	61	5	211	57	382	95
11:00	54	6			42	7				
11:15	55	4			64	4				
11:30	40	7			38	4				
11:45	53	2	202	19	48	2	192	17	394	36
Totals	1145	3032			1407	2743				
Combined Totals		4177				4150				
ADT										8327
AM Peak Hour	730	AM			745	AM				
Volume	338				417					
P.H.F.	0.716				0.704					
PM Peak Hour		515	PM			445	PM			
Volume		531				415				
P.H.F.		0.955				0.926				
Percentage	27.4%	72.6%			33.9%	66.1%				

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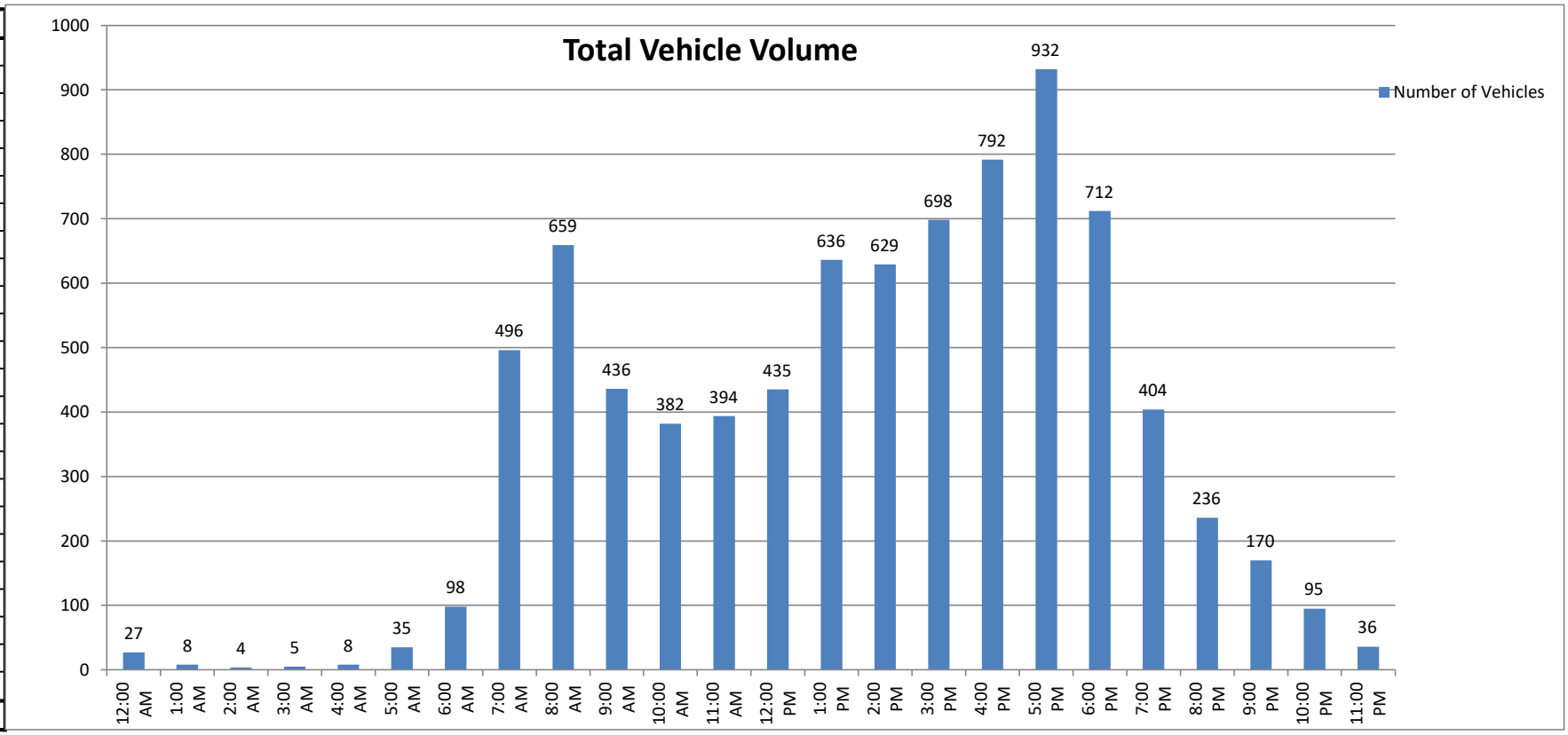
24 Hour Volume Plot

Yale Avenue

B/ Trabuco Road - Bryan Avenue

11/29/2023

Start Time	#########
12:00 AM	27
1:00 AM	8
2:00 AM	4
3:00 AM	5
4:00 AM	8
5:00 AM	35
6:00 AM	98
7:00 AM	496
8:00 AM	659
9:00 AM	436
10:00 AM	382
11:00 AM	394
12:00 PM	435
1:00 PM	636
2:00 PM	629
3:00 PM	698
4:00 PM	792
5:00 PM	932
6:00 PM	712
7:00 PM	404
8:00 PM	236
9:00 PM	170
10:00 PM	95
11:00 PM	36
Total	8327



Volumes represent the combined totals for both directions

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City of Irvine
Yale Avenue
B/ Trabuco Road - Bryan Avenue

File Name 398
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	64			7	51				
12:15	1	51			6	52				
12:30	4	50			4	48				
12:45	1	47	7	211	4	63	20	213	27	424
1:00	1	60			3	58				
1:15	1	66			5	54				
1:30	2	83			0	69				
1:45	1	67	4	276	0	72	7	253	11	529
2:00	1	61			1	59				
2:15	0	97			1	63				
2:30	0	99			1	70				
2:45	3	86	4	343	1	111	4	302	8	645
3:00	1	89			0	90				
3:15	0	88			0	86				
3:30	1	91			0	100				
3:45	0	97	1	365	3	94	3	369	4	734
4:00	1	119			1	86				
4:15	3	108			0	89				
4:30	1	106			1	104				
4:45	1	107	5	440	3	121	5	399	10	839
5:00	1	126			3	113				
5:15	0	139			3	102				
5:30	3	143			8	124				
5:45	6	122	9	529	10	110	23	449	32	978
6:00	3	125			9	88				
6:15	10	96			10	91				
6:30	12	90			12	79				
6:45	25	65	49	376	16	71	47	329	96	704
7:00	21	61			25	58				
7:15	30	51			23	52				
7:30	70	46			55	52				
7:45	112	55	233	213	101	56	204	217	437	430
8:00	89	50			130	32				
8:15	55	29			92	33				
8:30	44	31			72	37				
8:45	53	23	241	133	86	31	380	132	620	265
9:00	44	23			60	27				
9:15	41	22			59	25				
9:30	37	14			61	21				
9:45	41	17	163	75	58	15	238	87	400	162
10:00	48	15			50	20				
10:15	34	9			48	18				
10:30	38	9			46	10				
10:45	50	7	169	39	57	7	201	53	369	92
11:00	50	5			44	6				
11:15	56	5			53	4				
11:30	43	5			49	3				
11:45	57	2	205	17	52	4	198	16	403	33
Totals	1087	3013			1327	2818				
Combined Totals		4100				4144				
ADT										8244
AM Peak Hour	730	AM			745	AM				
Volume	326				395					
P.H.F.	0.728				0.759					
PM Peak Hour		500	PM			445	PM			
Volume		529				459				
P.H.F.		0.925				0.925				
Percentage	26.5%	73.5%			32.0%	68.0%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ University Drive - Michelson Drive

File Name 393
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/8/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	6			1	6				
12:15	0	6			0	11				
12:30	0	4			0	8				
12:45	0	7	0	23	1	5	2	30	2	53
1:00	1	8			0	8				
1:15	0	11			1	6				
1:30	1	8			0	4				
1:45	0	7	2	34	1	5	2	23	4	57
2:00	1	6			0	7				
2:15	0	11			0	7				
2:30	0	19			0	6				
2:45	0	24	1	60	0	3	0	23	1	83
3:00	0	34			0	92				
3:15	0	15			0	18				
3:30	0	8			0	9				
3:45	0	11	0	68	0	7	0	126	0	194
4:00	0	8			0	22				
4:15	0	12			0	11				
4:30	0	10			0	8				
4:45	0	11	0	41	0	10	0	51	0	92
5:00	0	10			0	9				
5:15	0	9			0	8				
5:30	0	12			0	12				
5:45	0	10	0	41	1	2	1	31	1	72
6:00	0	10			2	10				
6:15	0	5			1	14				
6:30	2	4			0	8				
6:45	2	10	4	29	5	4	8	36	12	65
7:00	1	8			1	0				
7:15	11	3			10	6				
7:30	10	6			11	1				
7:45	13	1	35	18	18	2	40	9	75	27
8:00	50	6			50	2				
8:15	42	4			90	2				
8:30	12	8			12	5				
8:45	6	4	110	22	10	2	162	11	272	33
9:00	4	3			9	4				
9:15	6	1			11	0				
9:30	7	2			3	2				
9:45	5	1	22	7	7	1	30	7	52	14
10:00	7	5			6	3				
10:15	3	0			4	1				
10:30	6	2			5	0				
10:45	3	1	19	8	3	2	18	6	37	14
11:00	6	1			0	1				
11:15	4	1			8	0				
11:30	7	2			10	1				
11:45	8	0	25	4	6	0	24	2	49	6
Totals	218	355			287	355				
Combined Totals		573				642				
ADT										1215
AM Peak Hour	745	AM			745	AM				
Volume	117				170					
P.H.F.	0.585				0.472					
PM Peak Hour		230	PM			300	PM			
Volume		92				126				
P.H.F.		0.676				0.342				
Percentage	38.0%	62.0%			44.7%	55.3%				

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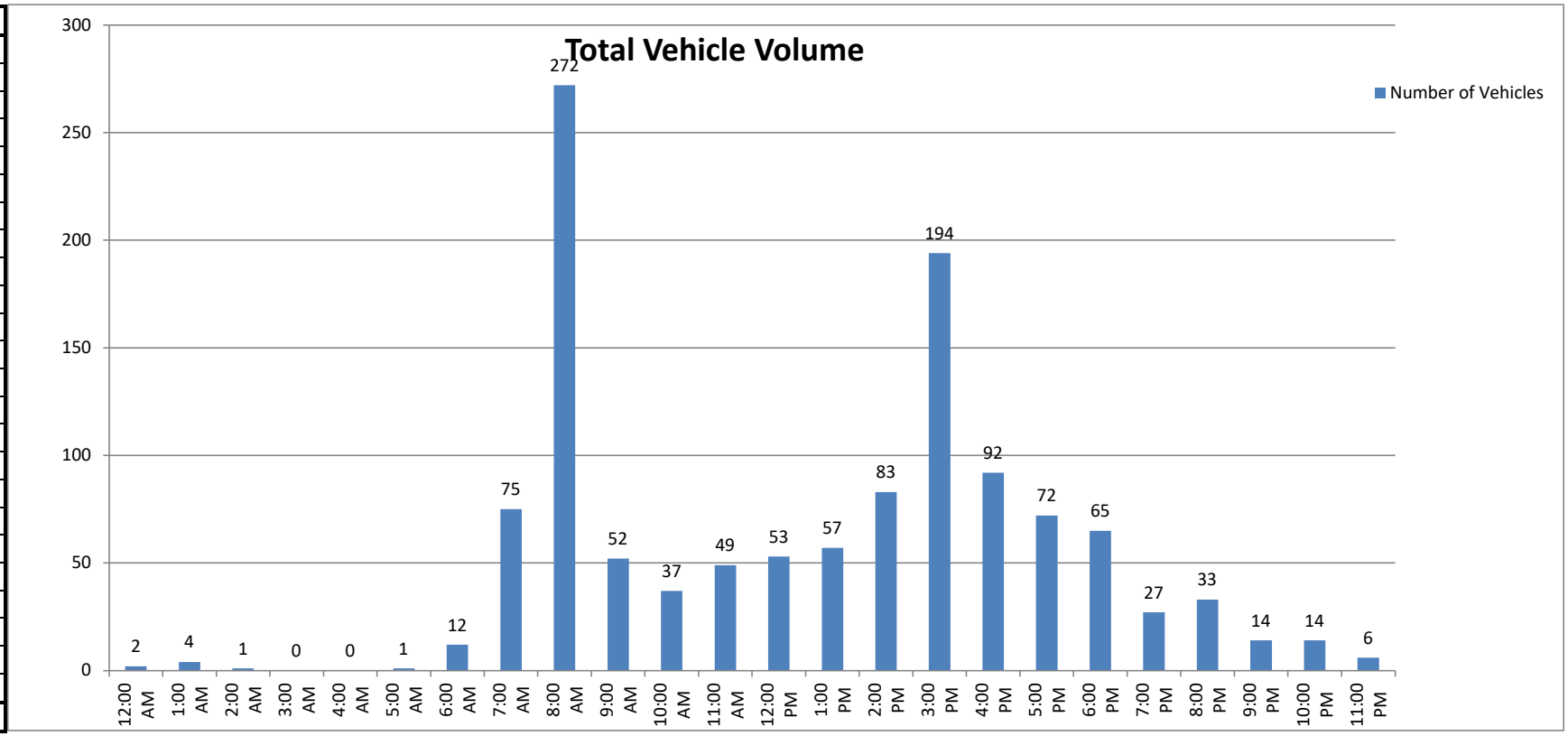
24 Hour Volume Plot

Yale Avenue

B/ University Drive - Michelson Drive

5/8/2024

Start Time	5/8/2024
12:00 AM	2
1:00 AM	4
2:00 AM	1
3:00 AM	0
4:00 AM	0
5:00 AM	1
6:00 AM	12
7:00 AM	75
8:00 AM	272
9:00 AM	52
10:00 AM	37
11:00 AM	49
12:00 PM	53
1:00 PM	57
2:00 PM	83
3:00 PM	194
4:00 PM	92
5:00 PM	72
6:00 PM	65
7:00 PM	27
8:00 PM	33
9:00 PM	14
10:00 PM	14
11:00 PM	6
Total	1215



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ University Drive - Michelson Drive

File Name 393
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
5/9/2024	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	10			1	7				
12:15	0	7			1	3				
12:30	1	4			0	5				
12:45	0	0	1	21	0	12	2	27	3	48
1:00	0	4			0	5				
1:15	0	3			0	2				
1:30	0	6			0	8				
1:45	0	3	0	16	0	7	0	22	0	38
2:00	0	6			0	10				
2:15	0	18			0	2				
2:30	0	18			0	3				
2:45	0	35	0	77	0	7	0	22	0	99
3:00	0	21			0	87				
3:15	0	12			0	20				
3:30	1	8			0	13				
3:45	0	16	1	57	1	6	1	126	2	183
4:00	1	10			1	24				
4:15	0	12			0	11				
4:30	0	7			1	4				
4:45	1	8	2	37	1	7	3	46	5	83
5:00	0	6			0	14				
5:15	0	4			0	7				
5:30	0	5			2	3				
5:45	1	11	1	26	1	12	3	36	4	62
6:00	0	6			3	6				
6:15	1	6			2	8				
6:30	3	6			2	7				
6:45	0	7	4	25	4	4	11	25	15	50
7:00	1	6			5	6				
7:15	1	1			5	8				
7:30	7	5			7	0				
7:45	12	3	21	15	16	4	33	18	54	33
8:00	14	3			18	2				
8:15	20	4			19	3				
8:30	40	5			43	1				
8:45	32	5	106	17	65	2	145	8	251	25
9:00	18	3			13	0				
9:15	4	2			8	2				
9:30	8	1			8	2				
9:45	4	2	34	8	10	2	39	6	73	14
10:00	3	4			5	2				
10:15	4	3			4	1				
10:30	8	3			6	3				
10:45	3	1	18	11	4	1	19	7	37	18
11:00	11	3			7	0				
11:15	2	0			5	2				
11:30	6	1			2	1				
11:45	3	1	22	5	8	0	22	3	44	8
Totals	210	315			278	346				
Combined Totals		525				624				
ADT										1149
AM Peak Hour	815	AM			800	AM				
Volume	110				145					
P.H.F.	0.688				0.558					
PM Peak Hour		215	PM			245	PM			
Volume		92				127				
P.H.F.		0.657				0.365				
Percentage	40.0%	60.0%			44.6%	55.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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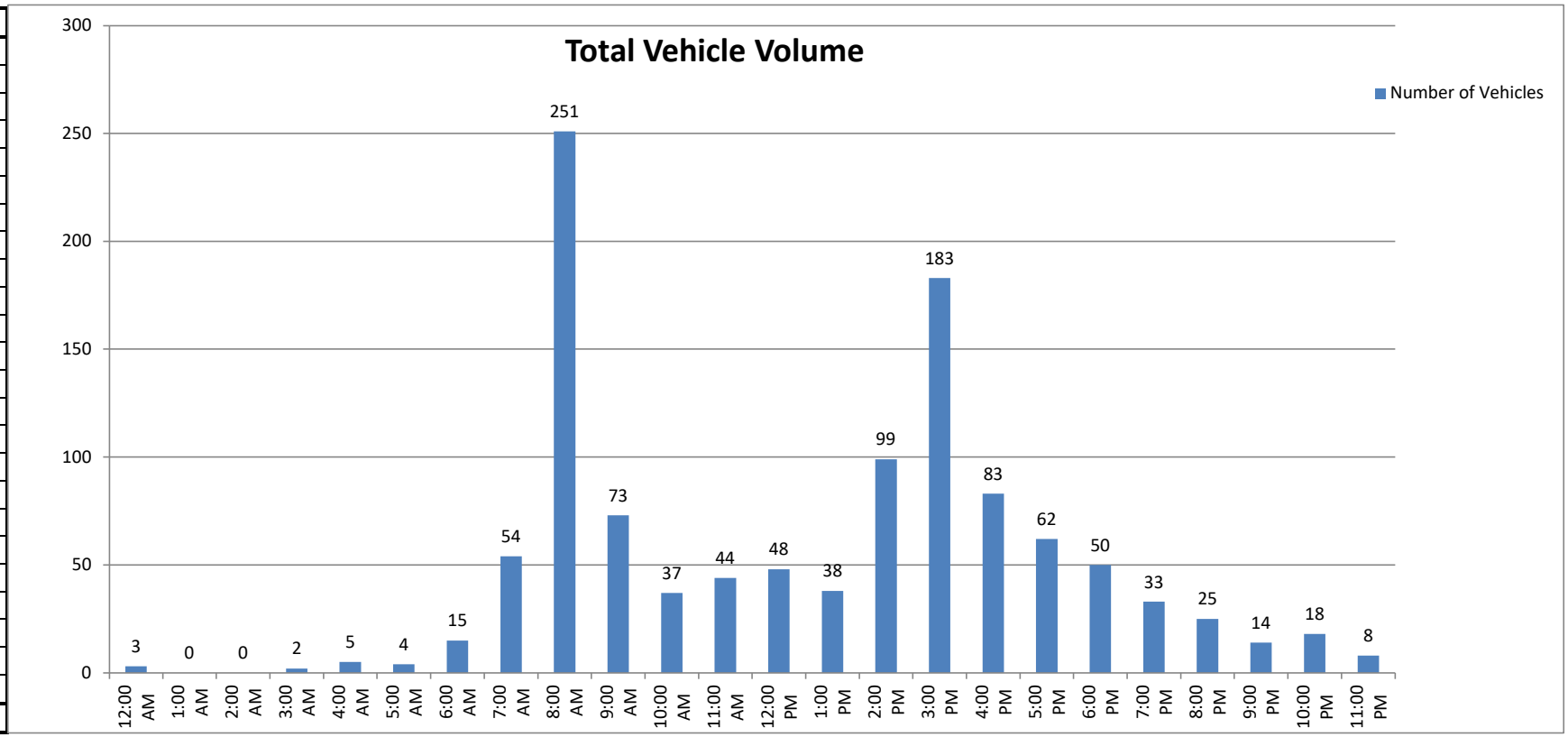
24 Hour Volume Plot

Yale Avenue

B/ University Drive - Michelson Drive

5/9/2024

Start Time	5/9/2024
12:00 AM	3
1:00 AM	0
2:00 AM	0
3:00 AM	2
4:00 AM	5
5:00 AM	4
6:00 AM	15
7:00 AM	54
8:00 AM	251
9:00 AM	73
10:00 AM	37
11:00 AM	44
12:00 PM	48
1:00 PM	38
2:00 PM	99
3:00 PM	183
4:00 PM	83
5:00 PM	62
6:00 PM	50
7:00 PM	33
8:00 PM	25
9:00 PM	14
10:00 PM	18
11:00 PM	8
Total	1149



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ University Drive - Michelson Drive

File Name 393
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	8			1	7				
12:15	0	7			1	7				
12:30	1	4			0	7				
12:45	0	4	1	22	1	9	2	29	3	51
1:00	1	6			0	7				
1:15	0	7			1	4				
1:30	1	7			0	6				
1:45	0	5	1	25	1	6	1	23	2	48
2:00	1	6			0	9				
2:15	0	15			0	5				
2:30	0	19			0	5				
2:45	0	30	1	69	0	5	0	23	1	91
3:00	0	28			0	90				
3:15	0	14			0	19				
3:30	1	8			0	11				
3:45	0	14	1	63	1	7	1	126	1	189
4:00	1	9			1	23				
4:15	0	12			0	11				
4:30	0	9			1	6				
4:45	1	10	1	39	1	9	2	49	3	88
5:00	0	8			0	12				
5:15	0	7			0	8				
5:30	0	9			1	8				
5:45	1	11	1	34	1	7	2	34	3	67
6:00	0	8			3	8				
6:15	1	6			2	11				
6:30	3	5			1	8				
6:45	1	9	4	27	5	4	10	31	14	58
7:00	1	7			3	3				
7:15	6	2			8	7				
7:30	9	6			9	1				
7:45	13	2	28	17	17	3	37	14	65	30
8:00	32	5			34	2				
8:15	31	4			55	3				
8:30	26	7			28	3				
8:45	19	5	108	20	38	2	154	10	262	29
9:00	11	3			11	2				
9:15	5	2			10	1				
9:30	8	2			6	2				
9:45	5	2	28	8	9	2	35	7	63	14
10:00	5	5			6	3				
10:15	4	2			4	1				
10:30	7	3			6	2				
10:45	3	1	19	10	4	2	19	7	37	16
11:00	9	2			4	1				
11:15	3	1			7	1				
11:30	7	2			6	1				
11:45	6	1	24	5	7	0	23	3	47	7
Totals	214	335			283	351				
Combined Totals		549				633				
ADT										1182
AM Peak Hour	800	AM			800	AM				
Volume	108				154					
P.H.F.	0.844				0.704					
PM Peak Hour		215	PM			300	PM			
Volume		90				126				
P.H.F.		0.763				0.352				
Percentage	39.0%	61.0%			44.6%	55.4%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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PO Box 1178
Corona, CA 92878

City of Irvine
Yale Avenue
B/ Walnut Avenue - Trabuco Road

File Name 397
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	93			12	54				
12:15	1	88			4	53				
12:30	2	73			4	59				
12:45	1	72	8	326	5	69	25	235	33	561
1:00	3	72			3	75				
1:15	2	83			5	51				
1:30	0	82			0	57				
1:45	2	98	7	335	1	67	9	250	16	585
2:00	6	81			3	75				
2:15	4	102			2	86				
2:30	3	145			1	88				
2:45	2	124	15	452	1	128	7	377	22	829
3:00	3	113			1	139				
3:15	1	106			0	112				
3:30	2	117			0	89				
3:45	0	136	6	472	1	119	2	459	8	931
4:00	4	138			1	120				
4:15	5	137			2	114				
4:30	11	156			3	124				
4:45	5	149	25	580	0	110	6	468	31	1048
5:00	4	136			2	114				
5:15	9	192			3	143				
5:30	17	178			9	149				
5:45	16	166	46	672	10	118	24	524	70	1196
6:00	16	188			5	121				
6:15	18	151			12	116				
6:30	26	151			13	104				
6:45	48	98	108	588	31	85	61	426	169	1014
7:00	44	111			22	66				
7:15	68	82			28	66				
7:30	92	81			43	61				
7:45	146	75	350	349	100	67	193	260	543	609
8:00	138	79			167	48				
8:15	135	63			165	40				
8:30	96	34			102	44				
8:45	78	52	447	228	96	43	530	175	977	403
9:00	67	38			80	31				
9:15	76	39			63	21				
9:30	62	19			59	27				
9:45	62	30	267	126	65	20	267	99	534	225
10:00	73	41			61	18				
10:15	70	14			64	25				
10:30	58	18			50	13				
10:45	78	11	279	84	74	7	249	63	528	147
11:00	77	14			60	6				
11:15	77	8			56	8				
11:30	88	6			47	7				
11:45	90	7	332	35	69	10	232	31	564	66
Totals	1890	4247			1605	3367				
Combined Totals		6137				4972				
ADT										11109
AM Peak Hour	745	AM			745	AM				
Volume	515				534					
P.H.F.	0.882				0.799					
PM Peak Hour		515	PM			515	PM			
Volume		724				531				
P.H.F.		0.943				0.891				
Percentage	30.8%	69.2%			32.3%	67.7%				

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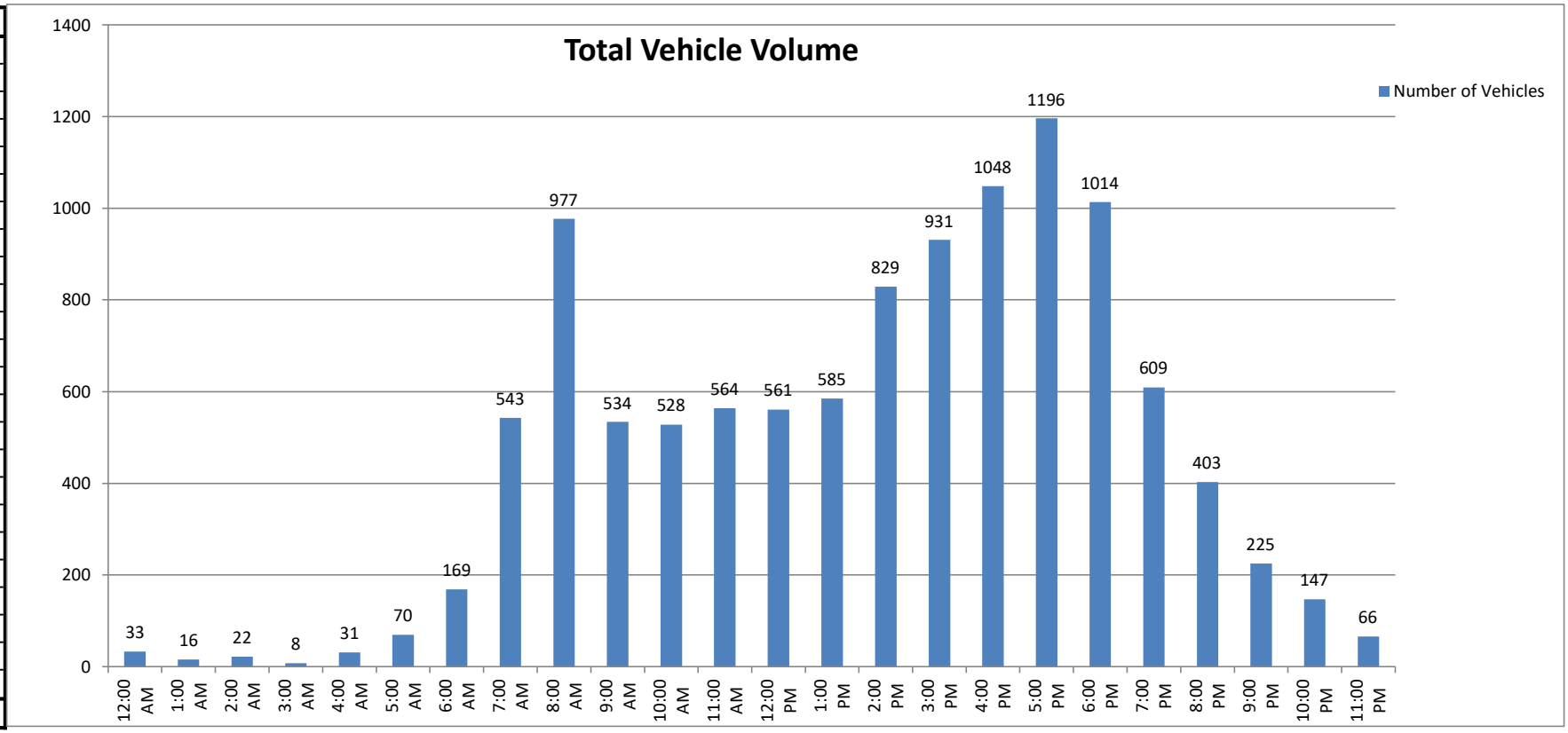
24 Hour Volume Plot

Yale Avenue
B/ Walnut Avenue - Trabuco Road

11/28/2023

Start Time	#########
12:00 AM	33
1:00 AM	16
2:00 AM	22
3:00 AM	8
4:00 AM	31
5:00 AM	70
6:00 AM	169
7:00 AM	543
8:00 AM	977
9:00 AM	534
10:00 AM	528
11:00 AM	564
12:00 PM	561
1:00 PM	585
2:00 PM	829
3:00 PM	931
4:00 PM	1048
5:00 PM	1196
6:00 PM	1014
7:00 PM	609
8:00 PM	403
9:00 PM	225
10:00 PM	147
11:00 PM	66
Total	11109



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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City of Irvine
Yale Avenue
B/ Walnut Avenue - Trabuco Road

File Name 397
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	89			7	61				
12:15	4	86			3	57				
12:30	4	86			7	50				
12:45	10	72	21	333	6	61	23	229	44	562
1:00	4	90			4	80				
1:15	1	140			4	85				
1:30	1	137			1	99				
1:45	0	108	6	475	0	111	9	375	15	850
2:00	1	97			2	86				
2:15	2	103			0	67				
2:30	1	124			0	75				
2:45	2	107	6	431	3	110	5	338	11	769
3:00	3	102			0	114				
3:15	1	102			1	95				
3:30	0	121			2	109				
3:45	3	119	7	444	3	131	6	449	13	893
4:00	4	161			1	94				
4:15	4	166			1	115				
4:30	6	136			1	113				
4:45	8	136	22	599	1	112	4	434	26	1033
5:00	9	144			4	129				
5:15	4	175			1	121				
5:30	20	181			8	119				
5:45	23	151	56	651	9	116	22	485	78	1136
6:00	16	186			5	115				
6:15	24	162			11	103				
6:30	27	122			11	104				
6:45	44	105	111	575	28	82	55	404	166	979
7:00	38	94			19	63				
7:15	56	75			25	54				
7:30	86	88			46	79				
7:45	131	83	311	340	103	59	193	255	504	595
8:00	144	87			162	53				
8:15	122	68			153	22				
8:30	102	29			95	24				
8:45	107	36	475	220	87	27	497	126	972	346
9:00	93	27			73	31				
9:15	73	42			61	24				
9:30	69	26			65	27				
9:45	91	38	326	133	75	25	274	107	600	240
10:00	73	27			57	18				
10:15	64	29			66	29				
10:30	62	21			75	12				
10:45	77	9	276	86	57	10	255	69	531	155
11:00	76	8			53	9				
11:15	74	14			49	10				
11:30	85	10			57	5				
11:45	84	9	319	41	58	8	217	32	536	73
Totals	1936	4328			1560	3303				
Combined Totals		6264				4863				
ADT										11127
AM Peak Hour	745	AM			745	AM				
Volume	499				513					
P.H.F.	0.866				0.792					
PM Peak Hour		515	PM			500	PM			
Volume		693				485				
P.H.F.		0.931				0.940				
Percentage	30.9%	69.1%			32.1%	67.9%				

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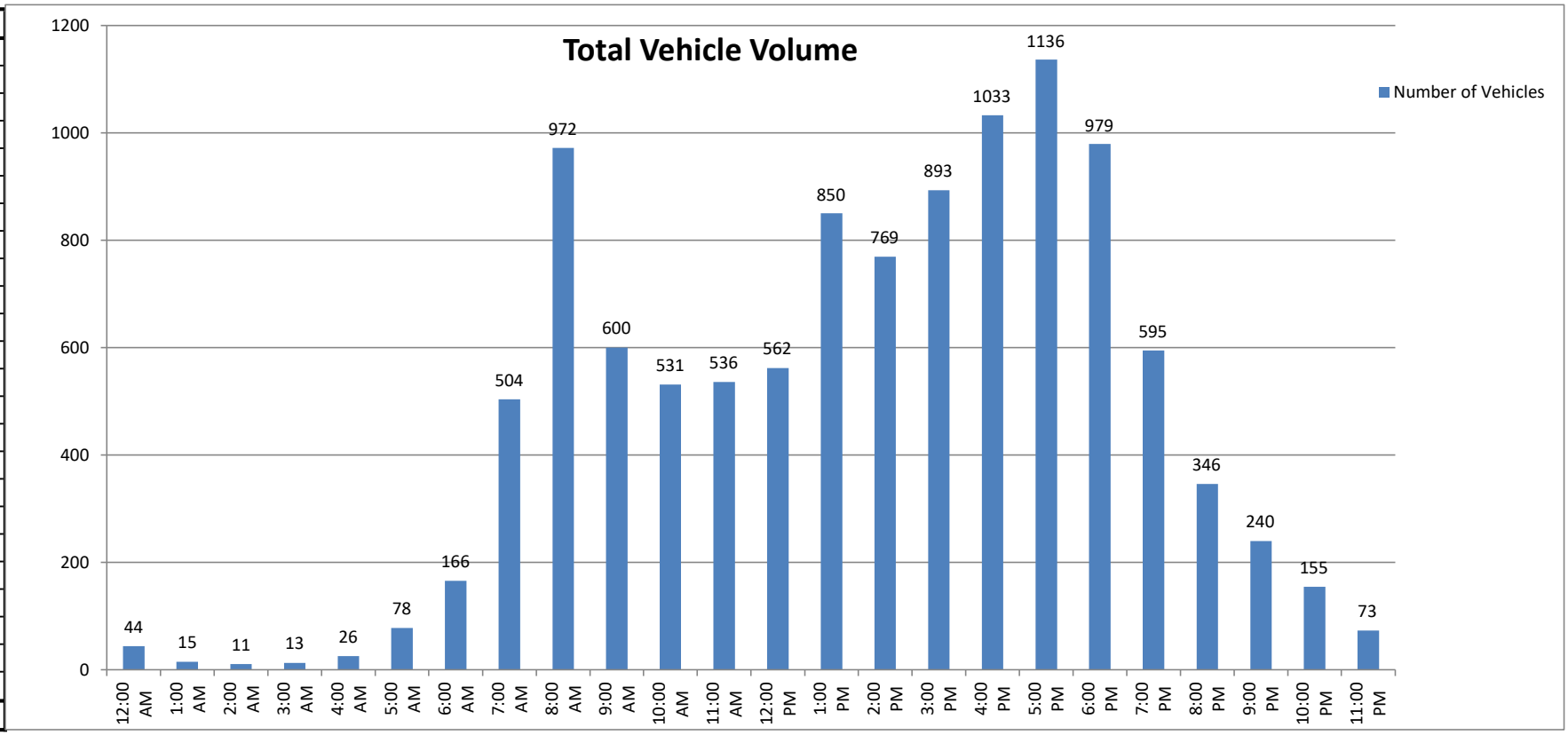
24 Hour Volume Plot

Yale Avenue
B/ Walnut Avenue - Trabuco Road
11/29/2023

Start Time	#########
12:00 AM	44
1:00 AM	15
2:00 AM	11
3:00 AM	13
4:00 AM	26
5:00 AM	78
6:00 AM	166
7:00 AM	504
8:00 AM	972
9:00 AM	600
10:00 AM	531
11:00 AM	536
12:00 PM	562
1:00 PM	850
2:00 PM	769
3:00 PM	893
4:00 PM	1033
5:00 PM	1136
6:00 PM	979
7:00 PM	595
8:00 PM	346
9:00 PM	240
10:00 PM	155
11:00 PM	73
Total	11127



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
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Corona, CA 92878

City of Irvine
Yale Avenue
B/ Walnut Avenue - Trabuco Road

File Name 397
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	4	91			10	58				
12:15	3	87			4	55				
12:30	3	80			6	55				
12:45	6	72	15	330	6	65	24	232	39	562
1:00	4	81			4	78				
1:15	2	112			5	68				
1:30	1	110			1	78				
1:45	1	103	7	405	1	89	9	313	16	718
2:00	4	89			3	81				
2:15	3	103			1	77				
2:30	2	135			1	82				
2:45	2	116	11	442	2	119	6	358	17	799
3:00	3	108			1	127				
3:15	1	104			1	104				
3:30	1	119			1	99				
3:45	2	128	7	458	2	125	4	454	11	912
4:00	4	150			1	107				
4:15	5	152			2	115				
4:30	9	146			2	119				
4:45	7	143	24	590	1	111	5	451	29	1041
5:00	7	140			3	122				
5:15	7	184			2	132				
5:30	19	180			9	134				
5:45	20	159	51	662	10	117	23	505	74	1166
6:00	16	187			5	118				
6:15	21	157			12	110				
6:30	27	137			12	104				
6:45	46	102	110	582	30	84	58	415	168	997
7:00	41	103			21	65				
7:15	62	79			27	60				
7:30	89	85			45	70				
7:45	139	79	331	345	102	63	193	258	524	602
8:00	141	83			165	51				
8:15	129	66			159	31				
8:30	99	32			99	34				
8:45	93	44	461	224	92	35	514	151	975	375
9:00	80	33			77	31				
9:15	75	41			62	23				
9:30	66	23			62	27				
9:45	77	34	297	130	70	23	271	103	567	233
10:00	73	34			59	18				
10:15	67	22			65	27				
10:30	60	20			63	13				
10:45	78	10	278	85	66	9	252	66	530	151
11:00	77	11			57	8				
11:15	76	11			53	9				
11:30	87	8			52	6				
11:45	87	8	326	38	64	9	225	32	550	70
Totals	1913	4288			1583	3335				
Combined Totals		6201				4918				
ADT										11118
AM Peak Hour	745 AM				745 AM					
Volume	507				524					
P.H.F.	0.899				0.796					
PM Peak Hour		515 PM				500 PM				
Volume		709				505				
P.H.F.		0.947				0.941				
Percentage	30.9%	69.1%			32.2%	67.8%				

Phone: 951-268-6268 counts@countsunlimited.com Fax: 951-268-6267

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Corona, CA 92878

City of Irvine
Yale Avenue
B/ West Yale Loop - Irvine Center Drive

File Name 394
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/28/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	3	55			2	59				
12:15	2	63			6	63				
12:30	3	75			2	43				
12:45	2	56	10	249	0	68	10	233	20	482
1:00	2	53			1	57				
1:15	4	69			0	60				
1:30	10	56			2	67				
1:45	13	69	29	247	5	67	8	251	37	498
2:00	2	59			3	71				
2:15	2	101			3	62				
2:30	1	86			2	80				
2:45	1	92	6	338	2	102	10	315	16	653
3:00	1	111			0	89				
3:15	1	114			1	75				
3:30	2	93			0	83				
3:45	3	94	7	412	0	89	1	336	8	748
4:00	1	100			0	98				
4:15	3	85			1	93				
4:30	0	85			1	77				
4:45	5	93	9	363	3	90	5	358	14	721
5:00	12	83			1	105				
5:15	9	110			3	91				
5:30	12	94			4	109				
5:45	8	108	41	395	7	98	15	403	56	798
6:00	16	97			5	76				
6:15	22	62			7	79				
6:30	29	61			14	68				
6:45	37	67	104	287	21	62	47	285	151	572
7:00	51	42			39	55				
7:15	64	40			41	65				
7:30	85	35			43	48				
7:45	131	18	331	135	98	57	221	225	552	360
8:00	146	32			100	53				
8:15	131	23			130	27				
8:30	104	27			68	30				
8:45	81	17	462	99	72	25	370	135	832	234
9:00	78	16			61	32				
9:15	76	20			63	31				
9:30	82	13			46	29				
9:45	58	15	294	64	54	22	224	114	518	178
10:00	81	15			48	18				
10:15	62	11			46	22				
10:30	73	13			51	16				
10:45	68	6	284	45	47	6	192	62	476	107
11:00	62	5			59	8				
11:15	51	6			59	7				
11:30	66	8			52	9				
11:45	71	4	250	23	56	6	226	30	476	53
Totals	1827	2657			1329	2747				
Combined Totals		4484				4076				
ADT										8560
AM Peak Hour	745 AM				745 AM					
Volume	512				396					
P.H.F.	0.877				0.762					
PM Peak Hour		300 PM				500 PM				
Volume		412				403				
P.H.F.		0.904				0.924				
Percentage	40.7%	59.3%			32.6%	67.4%				

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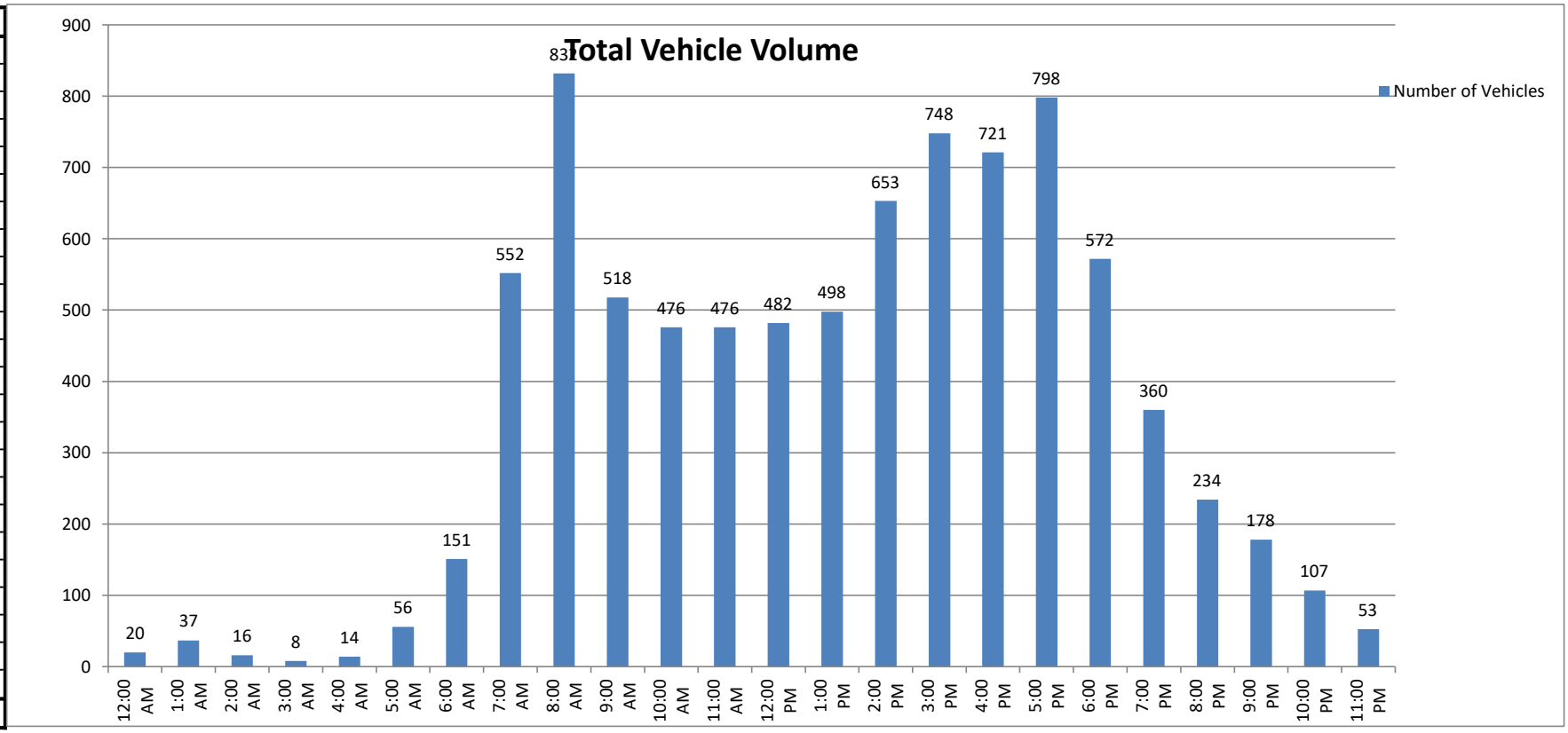
24 Hour Volume Plot

Yale Avenue

B/ West Yale Loop - Irvine Center Drive

11/28/2023

Start Time	#########
12:00 AM	20
1:00 AM	37
2:00 AM	16
3:00 AM	8
4:00 AM	14
5:00 AM	56
6:00 AM	151
7:00 AM	552
8:00 AM	832
9:00 AM	518
10:00 AM	476
11:00 AM	476
12:00 PM	482
1:00 PM	498
2:00 PM	653
3:00 PM	748
4:00 PM	721
5:00 PM	798
6:00 PM	572
7:00 PM	360
8:00 PM	234
9:00 PM	178
10:00 PM	107
11:00 PM	53
Total	8560



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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Yale Avenue
B/ West Yale Loop - Irvine Center Drive

File Name 394
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
11/29/2023	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	78			2	58				
12:15	4	63			3	68				
12:30	4	58			5	58				
12:45	3	69	12	268	1	59	11	243	23	511
1:00	5	58			2	61				
1:15	0	77			3	80				
1:30	4	101			2	77				
1:45	1	78	10	314	2	46	9	264	19	578
2:00	1	69			1	83				
2:15	1	81			1	67				
2:30	0	78			3	70				
2:45	0	81	2	309	0	77	5	297	7	606
3:00	0	95			0	100				
3:15	1	131			1	81				
3:30	3	84			1	92				
3:45	2	82	6	392	1	79	3	352	9	744
4:00	3	104			2	79				
4:15	1	83			0	105				
4:30	1	87			1	74				
4:45	7	93	12	367	4	103	7	361	19	728
5:00	7	94			1	107				
5:15	11	94			0	111				
5:30	13	84			8	104				
5:45	12	85	43	357	7	106	16	428	59	785
6:00	12	101			5	91				
6:15	19	79			6	67				
6:30	25	69			6	62				
6:45	26	68	82	317	17	66	34	286	116	603
7:00	39	42			26	54				
7:15	65	30			40	46				
7:30	68	34			48	48				
7:45	106	42	278	148	95	49	209	197	487	345
8:00	119	38			87	33				
8:15	91	31			75	39				
8:30	85	25			82	44				
8:45	99	27	394	121	83	34	327	150	721	271
9:00	94	22			77	25				
9:15	91	10			80	22				
9:30	72	15			41	15				
9:45	52	14	309	61	54	23	252	85	561	146
10:00	65	12			45	21				
10:15	50	12			54	16				
10:30	66	11			45	12				
10:45	61	9	242	44	45	11	189	60	431	104
11:00	65	8			54	5				
11:15	60	1			62	6				
11:30	65	2			42	11				
11:45	54	4	244	15	64	4	222	26	466	41
Totals	1634	2713			1284	2749				
Combined Totals		4347				4033				
ADT										8380
AM Peak Hour	745 AM				745 AM					
Volume	401				339					
P.H.F.	0.842				0.892					
PM Peak Hour		315 PM				500 PM				
Volume		401				428				
P.H.F.		0.765				0.964				
Percentage	37.6%	62.4%			31.8%	68.2%				

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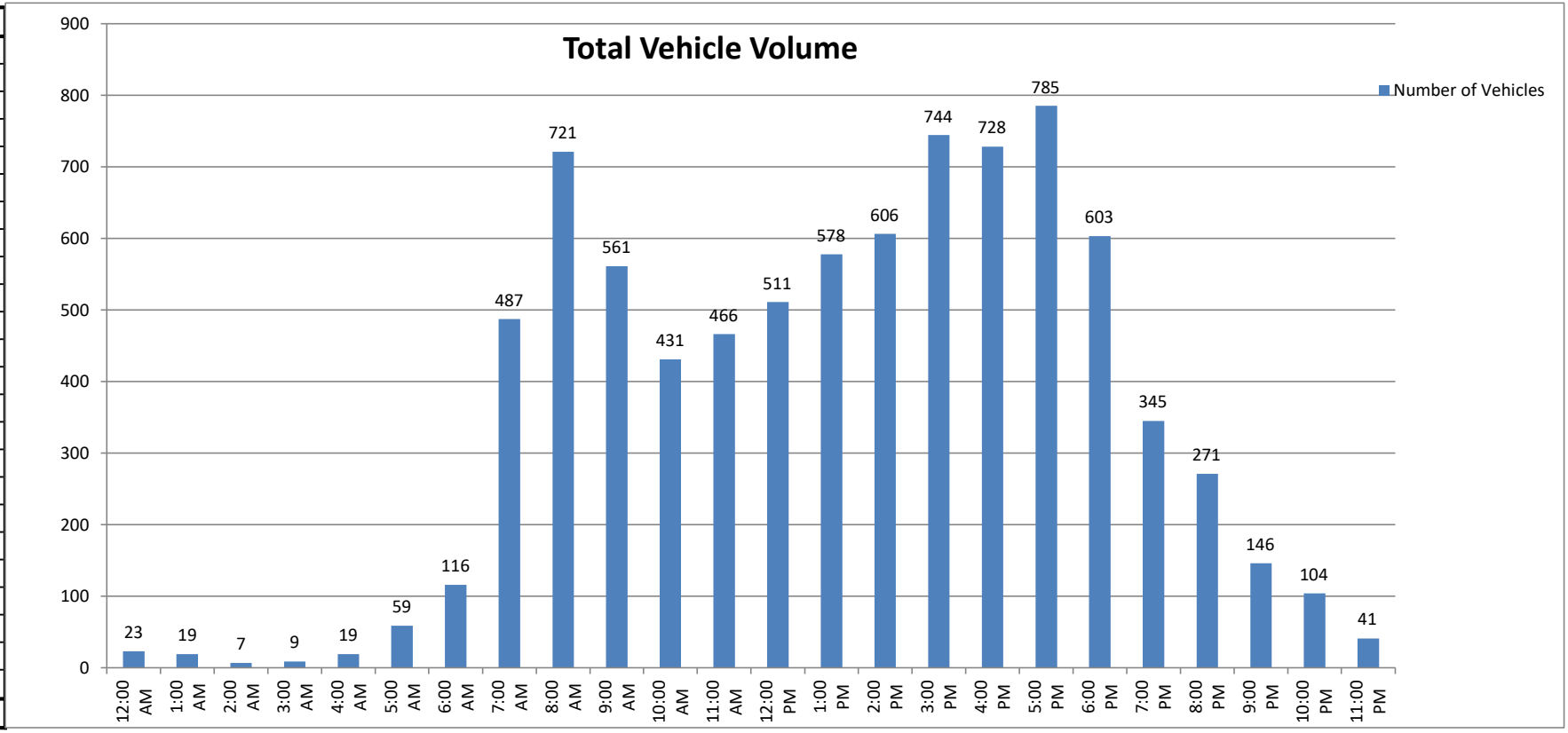
24 Hour Volume Plot

Yale Avenue

B/ West Yale Loop - Irvine Center Drive

11/29/2023

Start Time	#########
12:00 AM	23
1:00 AM	19
2:00 AM	7
3:00 AM	9
4:00 AM	19
5:00 AM	59
6:00 AM	116
7:00 AM	487
8:00 AM	721
9:00 AM	561
10:00 AM	431
11:00 AM	466
12:00 PM	511
1:00 PM	578
2:00 PM	606
3:00 PM	744
4:00 PM	728
5:00 PM	785
6:00 PM	603
7:00 PM	345
8:00 PM	271
9:00 PM	146
10:00 PM	104
11:00 PM	41
Total	8380



Volumes represent the combined totals for both directions

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counts@countsunlimited.com
Fax: 951-268-6267

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City of Irvine
Yale Avenue
B/ West Yale Loop - Irvine Center Drive

File Name 394
Site Code: 192-24001
48 Hour Directional Volume Count

Date:	Northbound				Southbound					
Two Day Average	15 Minute Totals		Hourly Totals		15 Minute Totals		Hourly Totals		Combined Totals	
Time	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	67			2	59				
12:15	3	63			5	66				
12:30	4	67			4	51				
12:45	3	63	11	259	1	64	11	238	22	497
1:00	4	56			2	59				
1:15	2	73			2	70				
1:30	7	79			2	72				
1:45	7	74	20	281	4	57	9	258	28	538
2:00	2	64			2	77				
2:15	2	91			2	65				
2:30	1	82			3	75				
2:45	1	87	4	324	1	90	8	306	12	630
3:00	1	103			0	95				
3:15	1	123			1	78				
3:30	3	89			1	88				
3:45	3	88	7	402	1	84	2	344	9	746
4:00	2	102			1	89				
4:15	2	84			1	99				
4:30	1	86			1	76				
4:45	6	93	11	365	4	97	6	360	17	725
5:00	10	89			1	106				
5:15	10	102			2	101				
5:30	13	89			6	107				
5:45	10	97	42	376	7	102	16	416	58	792
6:00	14	99			5	84				
6:15	21	71			7	73				
6:30	27	65			10	65				
6:45	32	68	93	302	19	64	41	286	134	588
7:00	45	42			33	55				
7:15	65	35			41	56				
7:30	77	35			46	48				
7:45	119	30	305	142	97	53	215	211	520	353
8:00	133	35			94	43				
8:15	111	27			103	33				
8:30	95	26			75	37				
8:45	90	22	428	110	78	30	349	143	777	253
9:00	86	19			69	29				
9:15	84	15			72	27				
9:30	77	14			44	22				
9:45	55	15	302	63	54	23	238	100	540	162
10:00	73	14			47	20				
10:15	56	12			50	19				
10:30	70	12			48	14				
10:45	65	8	263	45	46	9	191	61	454	106
11:00	64	7			57	7				
11:15	56	4			61	7				
11:30	66	5			47	10				
11:45	63	4	247	19	60	5	224	28	471	47
Totals	1731	2685			1307	2748				
Combined Totals		4416				4055				
ADT										8470
AM Peak Hour	745 AM				745 AM					
Volume	457				368					
P.H.F.	0.861				0.896					
PM Peak Hour		300 PM				500 PM				
Volume		402				416				
P.H.F.		0.820				0.975				
Percentage	39.2%	60.8%			32.2%	67.8%				

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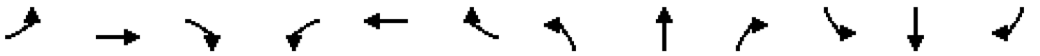
APPENDIX E

HCM WORKSHEETS

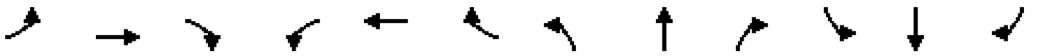
HCM Worksheet
Existing



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	788	90	286	1098	0	0	0	0	58	0	166
Future Volume (veh/h)	0	788	90	286	1098	0	0	0	0	58	0	166
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	938	107	340	1307	0				69	0	198
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84				0.84	0.84	0.84
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1503	171	523	3004	0				637	0	292
Arrive On Green	0.00	0.32	0.32	0.15	0.59	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4819	529	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	686	359	340	1307	0				69	0	198
Grp Sat Flow(s),veh/h/ln	0	1702	1775	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	6.8	6.8	3.7	5.6	0.0				0.7	0.0	4.6
Cycle Q Clear(g_c), s	0.0	6.8	6.8	3.7	5.6	0.0				0.7	0.0	4.6
Prop In Lane	0.00		0.30	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1100	574	523	3004	0				637	0	292
V/C Ratio(X)	0.00	0.62	0.63	0.65	0.44	0.00				0.11	0.00	0.68
Avail Cap(c_a), veh/h	0	1548	807	882	4205	0				1606	0	737
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	11.4	11.4	15.8	4.5	0.0				13.4	0.0	15.0
Incr Delay (d2), s/veh	0.0	0.6	1.1	1.4	0.1	0.0				0.1	0.0	2.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.6	1.7	1.1	0.3	0.0				0.2	0.0	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	11.9	12.5	17.2	4.6	0.0				13.5	0.0	17.8
LnGrp LOS		B	B	B	A					B		B
Approach Vol, veh/h		1045			1647						267	
Approach Delay, s/veh		12.1			7.2						16.7	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		10.5	17.3		11.8		27.8					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		5.7	8.8		6.6		7.6					
Green Ext Time (p_c), s		0.5	4.0		1.1		9.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	9.8
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	846	0	0	1372	51	9	0	43	0	0	0
Future Volume (veh/h)	36	846	0	0	1372	51	9	0	43	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	42	995	0	0	1614	60	7	0	55			
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	85	3492	0	0	2606	809	115	0	204			
Arrive On Green	0.05	0.68	0.00	0.00	0.51	0.51	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	42	995	0	0	1614	60	7	0	55			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	0.8	2.7	0.0	0.0	8.1	0.7	0.1	0.0	0.6			
Cycle Q Clear(g_c), s	0.8	2.7	0.0	0.0	8.1	0.7	0.1	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	85	3492	0	0	2606	809	115	0	204			
V/C Ratio(X)	0.49	0.28	0.00	0.00	0.62	0.07	0.06	0.00	0.27			
Avail Cap(c_a), veh/h	249	4671	0	0	3314	1029	912	0	1623			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	16.6	2.2	0.0	0.0	6.3	4.5	15.7	0.0	15.9			
Incr Delay (d2), s/veh	4.4	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.0	0.0	0.7	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.0	2.3	0.0	0.0	6.5	4.5	15.9	0.0	16.6			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		1037			1674			62				
Approach Delay, s/veh		3.0			6.4			16.6				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.8		29.0			6.2	22.7				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.7			2.8	10.1				
Green Ext Time (p_c), s		0.1		6.7			0.0	8.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.4									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	802	0	356	0	774	271	0	2059	516
Future Volume (veh/h)	0	0	0	802	0	356	0	774	271	0	2059	516
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				941	0	245	0	813	0	0	2123	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1132	0	504	0	3196		0	2909	
Arrive On Green				0.32	0.00	0.32	0.00	0.57	0.00	0.00	0.57	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				941	0	245	0	813	0	0	2123	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				19.6	0.0	10.0	0.0	5.8	0.0	0.0	24.5	0.0
Cycle Q Clear(g_c), s				19.6	0.0	10.0	0.0	5.8	0.0	0.0	24.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1132	0	504	0	3196		0	2909	
V/C Ratio(X)				0.83	0.00	0.49	0.00	0.25		0.00	0.73	
Avail Cap(c_a), veh/h				1470	0	654	0	3196		0	3543	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				25.3	0.0	22.0	0.0	8.7	0.0	0.0	12.7	0.0
Incr Delay (d2), s/veh				3.3	0.0	0.7	0.0	0.0	0.0	0.0	0.6	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.4	0.0	3.7	0.0	1.8	0.0	0.0	7.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				28.6	0.0	22.7	0.0	8.7	0.0	0.0	13.3	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1186			813			2123	
Approach Delay, s/veh					27.4			8.7			13.3	
Approach LOS					C			A			B	

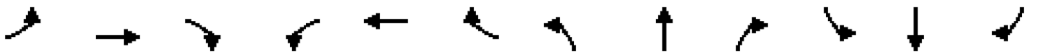
Timer - Assigned Phs				4		6		8				
Phs Duration (G+Y+Rc), s				50.1		29.9		50.1				
Change Period (Y+Rc), s				4.5		4.5		4.5				
Max Green Setting (Gmax), s				55.5		33.0		18.0				
Max Q Clear Time (g_c+I1), s				26.5		21.6		7.8				
Green Ext Time (p_c), s				19.1		3.8		3.6				

Intersection Summary		
HCM 7th Control Delay, s/veh	16.4	
HCM 7th LOS	B	

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



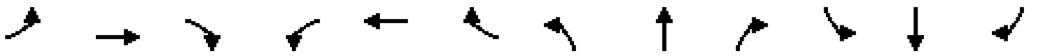
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1223	0	126	0	1148	195	0	1340	1113
Future Volume (veh/h)	0	0	0	1223	0	126	0	1148	195	0	1340	1113
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1261	0	130	0	1184	0	0	1381	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1525	0	700	0	1950		0	1950	
Arrive On Green				0.44	0.00	0.44	0.00	0.38	0.00	0.00	0.38	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1261	0	130	0	1184	0	0	1381	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				16.4	0.0	2.5	0.0	9.5	0.0	0.0	11.7	0.0
Cycle Q Clear(g_c), s				16.4	0.0	2.5	0.0	9.5	0.0	0.0	11.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1525	0	700	0	1950		0	1950	
V/C Ratio(X)				0.83	0.00	0.19	0.00	0.61		0.00	0.71	
Avail Cap(c_a), veh/h				1865	0	855	0	2355		0	2355	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.5	0.0	8.7	0.0	12.7	0.0	0.0	13.3	0.0
Incr Delay (d2), s/veh				2.7	0.0	0.1	0.0	0.3	0.0	0.0	0.8	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				5.5	0.0	0.7	0.0	2.6	0.0	0.0	3.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.2	0.0	8.8	0.0	13.0	0.0	0.0	14.1	0.0
LnGrp LOS				B		A		B			B	
Approach Vol, veh/h					1391			1184			1381	
Approach Delay, s/veh					14.6			13.0			14.1	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8			
Phs Duration (G+Y+Rc), s	24.0			24.0		27.0			
Change Period (Y+Rc), s	4.5			4.5		4.5			
Max Green Setting (Gmax), s	23.5			23.5		27.5			
Max Q Clear Time (g_c+I1), s	11.5			13.7		18.4			
Green Ext Time (p_c), s	5.7			5.8		4.1			

Intersection Summary												
HCM 7th Control Delay, s/veh			13.9									
HCM 7th LOS			B									

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	482	0	122	0	0	0	0	860	1146	0	2332	266
Future Volume (veh/h)	482	0	122	0	0	0	0	860	1146	0	2332	266
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	492	0	124				0	878	0	0	2380	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	690	0	316				0	3237		0	3237	
Arrive On Green	0.20	0.00	0.20				0.00	0.63	0.00	0.00	0.63	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	492	0	124				0	878	0	0	2380	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	7.2	0.0	3.7				0.0	4.1	0.0	0.0	17.3	0.0
Cycle Q Clear(g_c), s	7.2	0.0	3.7				0.0	4.1	0.0	0.0	17.3	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	690	0	316				0	3237		0	3237	
V/C Ratio(X)	0.71	0.00	0.39				0.00	0.27		0.00	0.74	
Avail Cap(c_a), veh/h	1151	0	528				0	3589		0	3589	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	20.2	0.0	18.8				0.0	4.4	0.0	0.0	6.8	0.0
Incr Delay (d2), s/veh	1.4	0.0	0.8				0.0	0.0	0.0	0.0	0.7	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	0.0	1.3				0.0	0.6	0.0	0.0	2.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.6	0.0	19.6				0.0	4.4	0.0	0.0	7.5	0.0
LnGrp LOS	C		B					A			A	
Approach Vol, veh/h		616						878			2380	
Approach Delay, s/veh		21.2						4.4			7.5	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		38.8		15.3		38.8						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.1		9.2		19.3						
Green Ext Time (p_c), s		6.1		1.6		15.0						

Intersection Summary	
HCM 7th Control Delay, s/veh	9.0
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	0	377	0	463	0	0
Future Volume (veh/h)	0	377	0	463	0	0
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	0	385	0	0	0	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	665	1183	71		0	71
Arrive On Green	0.00	0.37	0.00	0.00	0.00	0.00
Sat Flow, veh/h	1781	3170	-80762	1585	0	-80594
Grp Volume(v), veh/h	0	385	0	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	0.0	0.6	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.6	0.0	0.0	0.0	0.0
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	665	1183	71		0	71
V/C Ratio(X)	0.00	0.33	0.00		0.00	0.00
Avail Cap(c_a), veh/h	4466	7947	19912		0	19912
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	1.6	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.2	0.0	0.0	0.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	0.0	1.8	0.0	0.0	0.0	0.0
LnGrp LOS		A				
Approach Vol, veh/h	385		0			0
Approach Delay, s/veh	1.8		0.0			0.0
Approach LOS	A					

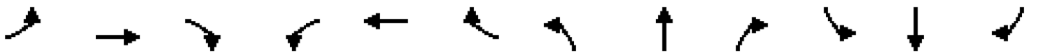
Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	0.0			0.0	7.2
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	0.0			0.0	2.6
Green Ext Time (p_c), s	0.0			0.0	1.4

Intersection Summary	
HCM 7th Control Delay, s/veh	1.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



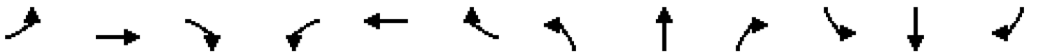
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	10	6	94	374	1286	5	41	11	72	41	40
Future Volume (veh/h)	11	10	6	94	374	1286	5	41	11	72	41	40
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	11	10	6	96	382	1312	5	42	11	73	42	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	26	1256	560	141	1487	663	23	228	57	234	266	
Arrive On Green	0.01	0.35	0.35	0.08	0.42	0.42	0.01	0.08	0.08	0.07	0.14	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2812	708	3456	1870	1585
Grp Volume(v), veh/h	11	10	6	96	382	1312	5	26	27	73	42	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1743	1728	1870	1585
Q Serve(g_s), s	0.3	0.1	0.1	2.3	3.0	18.0	0.1	0.6	0.6	0.9	0.8	0.0
Cycle Q Clear(g_c), s	0.3	0.1	0.1	2.3	3.0	18.0	0.1	0.6	0.6	0.9	0.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	26	1256	560	141	1487	663	23	144	141	234	266	
V/C Ratio(X)	0.43	0.01	0.01	0.68	0.26	1.98	0.21	0.18	0.19	0.31	0.16	
Avail Cap(c_a), veh/h	414	1876	837	219	1487	663	402	3648	3578	1261	4305	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.0	9.0	9.0	19.3	8.1	12.5	21.2	18.4	18.4	19.1	16.2	0.0
Incr Delay (d2), s/veh	11.1	0.0	0.0	5.6	0.1	445.5	4.5	0.6	0.7	0.8	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.0	0.0	1.0	0.9	86.7	0.0	0.2	0.2	0.3	0.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	32.1	9.0	9.0	24.9	8.2	458.0	25.8	19.0	19.1	19.9	16.5	0.0
LnGrp LOS	C	A	A	C	A	F	C	B	B	B	B	
Approach Vol, veh/h		27			1790			58			115	
Approach Delay, s/veh		18.4			338.8			19.6			18.6	
Approach LOS		B			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	7.4	8.0	7.9	19.7	4.8	10.6	5.1	22.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	2.9	2.6	4.3	2.1	2.1	2.8	2.3	20.0
Green Ext Time (p_c), s	0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	306.6
HCM 7th LOS	F

Notes

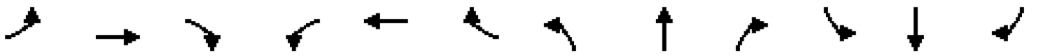
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1128	27	124	1712	0	0	0	0	42	0	46
Future Volume (veh/h)	0	1128	27	124	1712	0	0	0	0	42	0	46
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1200	29	132	1821	0				45	0	49
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2138	52	360	3329	0				298	0	137
Arrive On Green	0.00	0.42	0.42	0.10	0.65	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5297	124	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	796	433	132	1821	0				45	0	49
Grp Sat Flow(s),veh/h/ln	0	1702	1848	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	6.1	6.1	1.2	6.6	0.0				0.4	0.0	1.0
Cycle Q Clear(g_c), s	0.0	6.1	6.1	1.2	6.6	0.0				0.4	0.0	1.0
Prop In Lane	0.00		0.07	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1419	770	360	3329	0				298	0	137
V/C Ratio(X)	0.00	0.56	0.56	0.37	0.55	0.00				0.15	0.00	0.36
Avail Cap(c_a), veh/h	0	2268	1231	513	4828	0				1860	0	853
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.6	7.6	14.3	3.2	0.0				14.5	0.0	14.8
Incr Delay (d2), s/veh	0.0	0.4	0.6	0.6	0.1	0.0				0.2	0.0	1.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.9	1.0	0.3	0.0	0.0				0.1	0.0	0.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.0	8.3	15.0	3.4	0.0				14.8	0.0	16.4
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1229			1953						94	
Approach Delay, s/veh		8.1			4.2						15.6	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.1	18.8		7.5		26.9					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.2	8.1		3.0		8.6					
Green Ext Time (p_c), s		0.1	6.2		0.3		13.4					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.0
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	78	1110	0	0	1686	59	157	0	301	0	0	0
Future Volume (veh/h)	78	1110	0	0	1686	59	157	0	301	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	83	1181	0	0	1794	63	111	0	380			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	122	3265	0	0	2458	763	322	0	574			
Arrive On Green	0.07	0.64	0.00	0.00	0.48	0.48	0.18	0.00	0.18			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	83	1181	0	0	1794	63	111	0	380			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.3	5.4	0.0	0.0	14.1	1.1	2.7	0.0	5.6			
Cycle Q Clear(g_c), s	2.3	5.4	0.0	0.0	14.1	1.1	2.7	0.0	5.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	122	3265	0	0	2458	763	322	0	574			
V/C Ratio(X)	0.68	0.36	0.00	0.00	0.73	0.08	0.34	0.00	0.66			
Avail Cap(c_a), veh/h	178	3768	0	0	2801	869	675	0	1201			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	22.8	4.2	0.0	0.0	10.4	7.0	17.9	0.0	19.1			
Incr Delay (d2), s/veh	6.5	0.1	0.0	0.0	0.9	0.0	0.6	0.0	1.3			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.0	0.5	0.0	0.0	3.2	0.2	1.1	0.0	1.9			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	29.4	4.3	0.0	0.0	11.3	7.1	18.6	0.0	20.4			
LnGrp LOS	C	A			B	A	B		C			
Approach Vol, veh/h		1264			1857			491				
Approach Delay, s/veh		6.0			11.1			20.0				
Approach LOS		A			B			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		13.6		36.6			7.9	28.6				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		7.6		7.4			4.3	16.1				
Green Ext Time (p_c), s		1.5		8.4			0.0	8.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			10.5									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	606	0	717	0	2152	252	0	1251	207
Future Volume (veh/h)	0	0	0	606	0	717	0	2152	252	0	1251	207
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				881	0	479	0	2242	0	0	1303	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1259	0	560	0	3082		0	2805	
Arrive On Green				0.35	0.00	0.35	0.00	0.55	0.00	0.00	0.55	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				881	0	479	0	2242	0	0	1303	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				19.7	0.0	25.9	0.0	27.8	0.0	0.0	14.3	0.0
Cycle Q Clear(g_c), s				19.7	0.0	25.9	0.0	27.8	0.0	0.0	14.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1259	0	560	0	3082		0	2805	
V/C Ratio(X)				0.70	0.00	0.85	0.00	0.73		0.00	0.46	
Avail Cap(c_a), veh/h				1597	0	711	0	3728		0	2805	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				25.7	0.0	27.7	0.0	15.7	0.0	0.0	12.6	0.0
Incr Delay (d2), s/veh				1.0	0.0	8.2	0.0	0.6	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.2	0.0	10.7	0.0	9.9	0.0	0.0	4.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				26.7	0.0	35.9	0.0	16.2	0.0	0.0	12.7	0.0
LnGrp LOS				C		D		B			B	
Approach Vol, veh/h					1360			2242			1303	
Approach Delay, s/veh					29.9			16.2			12.7	
Approach LOS					C			B			B	

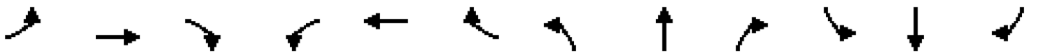
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	55.3	37.2	55.3
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	16.3	27.9	29.8
Green Ext Time (p_c), s	8.0	4.8	21.1

Intersection Summary	
HCM 7th Control Delay, s/veh	19.1
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



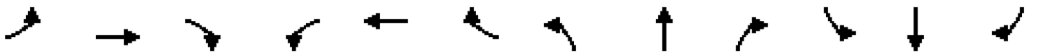
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	883	0	215	0	1580	93	0	1115	641
Future Volume (veh/h)	0	0	0	883	0	215	0	1580	93	0	1115	641
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				892	0	217	0	1596	0	0	1126	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1190	0	546	0	2260		0	2260	
Arrive On Green				0.34	0.00	0.34	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				892	0	217	0	1596	0	0	1126	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				9.6	0.0	4.4	0.0	10.7	0.0	0.0	6.7	0.0
Cycle Q Clear(g_c), s				9.6	0.0	4.4	0.0	10.7	0.0	0.0	6.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1190	0	546	0	2260		0	2260	
V/C Ratio(X)				0.75	0.00	0.40	0.00	0.71		0.00	0.50	
Avail Cap(c_a), veh/h				1595	0	732	0	2599		0	2599	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.2	0.0	10.5	0.0	9.5	0.0	0.0	8.4	0.0
Incr Delay (d2), s/veh				1.4	0.0	0.5	0.0	0.8	0.0	0.0	0.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.1	0.0	1.3	0.0	2.3	0.0	0.0	1.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				13.6	0.0	11.0	0.0	10.3	0.0	0.0	8.6	0.0
LnGrp LOS				B		B		B			A	
Approach Vol, veh/h					1109			1596			1126	
Approach Delay, s/veh					13.1			10.3			8.6	
Approach LOS					B			B			A	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	23.2		23.2	19.0
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	21.5		21.5	19.5
Max Q Clear Time (g_c+I1), s	12.7		8.7	11.6
Green Ext Time (p_c), s	6.0		5.7	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	10.6
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	533	0	64	0	0	0	0	1145	1507	0	1762	264
Future Volume (veh/h)	533	0	64	0	0	0	0	1145	1507	0	1762	264
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	561	0	67				0	1205	0	0	1855	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	800	0	367				0	2903		0	2903	
Arrive On Green	0.23	0.00	0.23				0.00	0.57	0.00	0.00	0.57	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	561	0	67				0	1205	0	0	1855	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	6.7	0.0	1.5				0.0	6.0	0.0	0.0	11.1	0.0
Cycle Q Clear(g_c), s	6.7	0.0	1.5				0.0	6.0	0.0	0.0	11.1	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	800	0	367				0	2903		0	2903	
V/C Ratio(X)	0.70	0.00	0.18				0.00	0.42		0.00	0.64	
Avail Cap(c_a), veh/h	1383	0	634				0	3746		0	3746	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	15.9	0.0	13.9				0.0	5.5	0.0	0.0	6.6	0.0
Incr Delay (d2), s/veh	1.1	0.0	0.2				0.0	0.1	0.0	0.0	0.2	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.4	0.0	0.5				0.0	0.9	0.0	0.0	1.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	17.0	0.0	14.1				0.0	5.6	0.0	0.0	6.8	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		628						1205			1855	
Approach Delay, s/veh		16.7						5.6			6.8	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		30.1		14.9		30.1						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		8.0		8.7		13.1						
Green Ext Time (p_c), s		8.4		1.7		12.5						

Intersection Summary	
HCM 7th Control Delay, s/veh	8.1
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

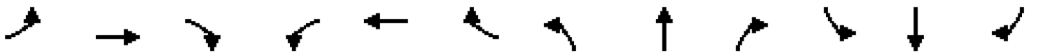
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	0	958	0	144	0	0
Future Volume (veh/h)	0	958	0	144	0	0
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	0	1053	0	0	0	0
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1155	2056	40		0	40
Arrive On Green	0.00	0.65	0.00	0.00	0.00	0.00
Sat Flow, veh/h	1781	3170	-80762	1585	0	-80594
Grp Volume(v), veh/h	0	1053	0	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	0.0	2.2	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	2.2	0.0	0.0	0.0	0.0
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1155	2056	40		0	40
V/C Ratio(X)	0.00	0.51	0.00		0.00	0.00
Avail Cap(c_a), veh/h	2505	4458	9176		0	9176
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	1.2	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.2	0.0	0.0	0.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.0	0.0	0.0	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	0.0	1.4	0.0	0.0	0.0	0.0
LnGrp LOS		A				
Approach Vol, veh/h	1053		0			0
Approach Delay, s/veh	1.4		0.0			0.0
Approach LOS	A					

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	0.0			0.0	12.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	0.0			0.0	4.2
Green Ext Time (p_c), s	0.0			0.0	4.3

Intersection Summary	
HCM 7th Control Delay, s/veh	1.4
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	77	69	22	256	252	424	24	295	76	300	162	45
Future Volume (veh/h)	77	69	22	256	252	424	24	295	76	300	162	45
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	82	73	23	272	268	451	26	314	81	319	172	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	114	937	418	202	1112	496	103	483	123	454	513	
Arrive On Green	0.06	0.26	0.26	0.11	0.31	0.31	0.03	0.17	0.17	0.13	0.27	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2806	713	3456	1870	1585
Grp Volume(v), veh/h	82	73	23	272	268	451	26	197	198	319	172	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1742	1728	1870	1585
Q Serve(g_s), s	2.5	0.9	0.6	6.4	3.2	15.4	0.4	5.8	6.0	5.0	4.1	0.0
Cycle Q Clear(g_c), s	2.5	0.9	0.6	6.4	3.2	15.4	0.4	5.8	6.0	5.0	4.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	114	937	418	202	1112	496	103	306	300	454	513	
V/C Ratio(X)	0.72	0.08	0.06	1.35	0.24	0.91	0.25	0.64	0.66	0.70	0.34	
Avail Cap(c_a), veh/h	742	2212	987	202	1134	506	313	595	584	711	842	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	25.9	15.6	15.5	25.0	14.4	18.6	26.8	21.7	21.8	23.4	16.4	0.0
Incr Delay (d2), s/veh	8.1	0.0	0.1	184.7	0.1	20.2	1.3	2.3	2.5	2.0	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.3	0.2	12.9	1.2	7.7	0.2	2.4	2.5	2.0	1.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	34.0	15.6	15.6	209.7	14.5	38.8	28.0	24.0	24.3	25.4	16.7	0.0
LnGrp LOS	C	B	B	F	B	D	C	C	C	C	B	
Approach Vol, veh/h		178			991			421			491	
Approach Delay, s/veh		24.1			79.1			24.4			22.4	
Approach LOS		C			E			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.9	14.2	10.9	19.4	6.2	20.0	8.1	22.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	7.0	8.0	8.4	2.9	2.4	6.1	4.5	17.4
Green Ext Time (p_c), s	0.5	1.7	0.0	0.5	0.0	0.8	0.2	0.2

Intersection Summary		
HCM 7th Control Delay, s/veh		49.9
HCM 7th LOS		D

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	1	3	8	201	116	4
Future Vol, veh/h	1	3	8	201	116	4
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	4	10	258	149	5
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	7.5	9	10
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	97%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	3%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	1	2	2	8	201	120
LT Vol	1	0	0	0	0	116
Through Vol	0	2	2	8	0	0
RT Vol	0	0	0	0	201	4
Lane Flow Rate	1	2	2	10	258	154
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.002	0.003	0.002	0.014	0.312	0.238
Departure Headway (Hd)	5.72	5.216	3.469	5.065	4.36	5.575
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	627	687	1031	709	827	645
Service Time	3.444	2.94	1.192	2.778	2.074	3.302
HCM Lane V/C Ratio	0.002	0.003	0.002	0.014	0.312	0.239
HCM Control Delay, s/veh	8.5	8	6.2	7.9	9	10
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0	0	0	0	1.3	0.9

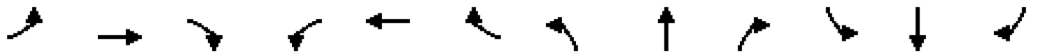
Intersection	
Intersection Delay, s/veh	13.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	5	10	10	50	314	2
Future Vol, veh/h	5	10	10	50	314	2
Peak Hour Factor	0.81	0.81	0.81	0.81	0.81	0.81
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	12	12	62	388	2
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.1	8.4	14.5
HCM LOS	A	A	B

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	99%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	1%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	5	5	5	10	50	316
LT Vol	5	0	0	0	0	314
Through Vol	0	5	5	10	0	0
RT Vol	0	0	0	0	50	2
Lane Flow Rate	6	6	6	12	62	390
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.011	0.01	0.007	0.02	0.088	0.561
Departure Headway (Hd)	6.254	5.747	3.99	5.83	5.119	5.175
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	575	625	900	617	704	687
Service Time	3.965	3.458	1.7	3.535	2.824	2.974
HCM Lane V/C Ratio	0.01	0.01	0.007	0.019	0.088	0.568
HCM Control Delay, s/veh	9	8.5	6.7	8.7	8.3	14.5
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0	0	0	0.1	0.3	3.5

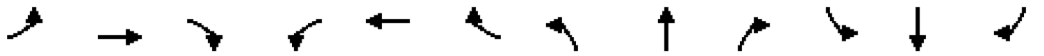
HCM Worksheet
Short-Term Approved Baseline



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	947	74	351	1588	0	0	0	0	40	0	189
Future Volume (veh/h)	0	947	74	351	1588	0	0	0	0	40	0	189
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1029	80	382	1726	0				43	0	205
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1582	123	561	3057	0				634	0	291
Arrive On Green	0.00	0.33	0.33	0.16	0.60	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	5000	375	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	724	385	382	1726	0				43	0	205
Grp Sat Flow(s),veh/h/ln	0	1702	1803	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	7.5	7.5	4.3	8.5	0.0				0.4	0.0	5.0
Cycle Q Clear(g_c), s	0.0	7.5	7.5	4.3	8.5	0.0				0.4	0.0	5.0
Prop In Lane	0.00		0.21	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1115	590	561	3057	0				634	0	291
V/C Ratio(X)	0.00	0.65	0.65	0.68	0.56	0.00				0.07	0.00	0.71
Avail Cap(c_a), veh/h	0	1483	786	845	4029	0				1539	0	706
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	11.9	11.9	16.3	5.0	0.0				13.9	0.0	15.8
Incr Delay (d2), s/veh	0.0	0.6	1.2	1.5	0.2	0.0				0.0	0.0	3.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.8	2.0	1.3	0.6	0.0				0.1	0.0	1.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	12.5	13.1	17.8	5.2	0.0				14.0	0.0	18.9
LnGrp LOS		B	B	B	A					B		B
Approach Vol, veh/h		1109			2108						248	
Approach Delay, s/veh		12.7			7.5						18.1	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		11.2	18.0		12.1		29.2					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		6.3	9.5		7.0		10.5					
Green Ext Time (p_c), s		0.5	4.0		1.0		12.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	9.9
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	34	827	0	0	1546	73	9	1	47	0	0	0
Future Volume (veh/h)	34	827	0	0	1546	73	9	1	47	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	37	899	0	0	1680	79	7	0	55			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	76	3509	0	0	2654	824	114	0	203			
Arrive On Green	0.04	0.69	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	37	899	0	0	1680	79	7	0	55			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	0.7	2.4	0.0	0.0	8.5	0.9	0.1	0.0	0.6			
Cycle Q Clear(g_c), s	0.7	2.4	0.0	0.0	8.5	0.9	0.1	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	76	3509	0	0	2654	824	114	0	203			
V/C Ratio(X)	0.48	0.26	0.00	0.00	0.63	0.10	0.06	0.00	0.27			
Avail Cap(c_a), veh/h	246	4615	0	0	3274	1016	901	0	1604			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	16.9	2.1	0.0	0.0	6.2	4.4	15.9	0.0	16.1			
Incr Delay (d2), s/veh	4.7	0.0	0.0	0.0	0.3	0.1	0.2	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.0	0.0	0.7	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.6	2.2	0.0	0.0	6.5	4.4	16.1	0.0	16.8			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		936			1759			62				
Approach Delay, s/veh		3.0			6.4			16.8				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.8		29.4			6.1	23.3				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.4			2.7	10.5				
Green Ext Time (p_c), s		0.1		5.9			0.0	8.3				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.5									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	852	0	329	0	638	0	0	2055	0
Future Volume (veh/h)	0	0	0	852	0	329	0	638	0	0	2055	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				983	0	226	0	658	0	0	2119	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1163	0	517	0	3161		0	2876	
Arrive On Green				0.33	0.00	0.33	0.00	0.56	0.00	0.00	0.56	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				983	0	226	0	658	0	0	2119	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				20.9	0.0	9.1	0.0	4.7	0.0	0.0	25.3	0.0
Cycle Q Clear(g_c), s				20.9	0.0	9.1	0.0	4.7	0.0	0.0	25.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1163	0	517	0	3161		0	2876	
V/C Ratio(X)				0.85	0.00	0.44	0.00	0.21		0.00	0.74	
Avail Cap(c_a), veh/h				1441	0	641	0	3161		0	3474	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				25.6	0.0	21.6	0.0	8.8	0.0	0.0	13.3	0.0
Incr Delay (d2), s/veh				4.0	0.0	0.6	0.0	0.0	0.0	0.0	0.7	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.0	0.0	3.3	0.0	1.5	0.0	0.0	7.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				29.6	0.0	22.2	0.0	8.8	0.0	0.0	14.0	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1209			658			2119	
Approach Delay, s/veh					28.2			8.8			14.0	
Approach LOS					C			A			B	

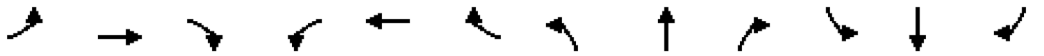
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	50.5	31.1	50.5
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	27.3	22.9	6.7
Green Ext Time (p_c), s	18.7	3.7	3.0

Intersection Summary	
HCM 7th Control Delay, s/veh	17.4
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1334	0	111	0	923	0	0	1758	0
Future Volume (veh/h)	0	0	0	1334	0	111	0	923	0	0	1758	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1375	0	114	0	952	0	0	1812	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1538	0	706	0	2040		0	2040	
Arrive On Green				0.45	0.00	0.45	0.00	0.40	0.00	0.00	0.40	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1375	0	114	0	952	0	0	1812	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				21.2	0.0	2.5	0.0	8.0	0.0	0.0	19.1	0.0
Cycle Q Clear(g_c), s				21.2	0.0	2.5	0.0	8.0	0.0	0.0	19.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1538	0	706	0	2040		0	2040	
V/C Ratio(X)				0.89	0.00	0.16	0.00	0.47		0.00	0.89	
Avail Cap(c_a), veh/h				1641	0	753	0	2072		0	2072	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.8	0.0	9.6	0.0	12.8	0.0	0.0	16.2	0.0
Incr Delay (d2), s/veh				6.5	0.0	0.1	0.0	0.2	0.0	0.0	5.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.3	0.0	0.8	0.0	2.3	0.0	0.0	6.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				21.3	0.0	9.7	0.0	13.0	0.0	0.0	21.3	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1489			952			1812	
Approach Delay, s/veh					20.4			13.0			21.3	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.6		27.6	30.3
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	10.0		21.1	23.2
Green Ext Time (p_c), s	4.9		2.0	2.5

Intersection Summary	
HCM 7th Control Delay, s/veh	19.1
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	199	0	128	0	0	0	0	1147	0	0	2686	0
Future Volume (veh/h)	199	0	128	0	0	0	0	1147	0	0	2686	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	203	0	131				0	1170	0	0	2741	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	459	0	211				0	3542		0	3542	
Arrive On Green	0.13	0.00	0.13				0.00	0.69	0.00	0.00	0.69	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	203	0	131				0	1170	0	0	2741	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	2.8	0.0	4.1				0.0	4.7	0.0	0.0	18.4	0.0
Cycle Q Clear(g_c), s	2.8	0.0	4.1				0.0	4.7	0.0	0.0	18.4	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	459	0	211				0	3542		0	3542	
V/C Ratio(X)	0.44	0.00	0.62				0.00	0.33		0.00	0.77	
Avail Cap(c_a), veh/h	1198	0	550				0	3738		0	3738	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	20.7	0.0	21.3				0.0	3.2	0.0	0.0	5.3	0.0
Incr Delay (d2), s/veh	0.7	0.0	3.0				0.0	0.1	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.0	1.6				0.0	0.3	0.0	0.0	1.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.4	0.0	24.3				0.0	3.2	0.0	0.0	6.3	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		334						1170			2741	
Approach Delay, s/veh		22.5						3.2			6.3	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.5		11.4		40.5						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.7		6.1		20.4						
Green Ext Time (p_c), s		8.7		0.9		15.6						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.7
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

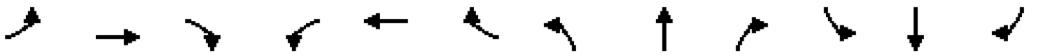
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	802	489	2014	0	0	1345
Future Volume (veh/h)	802	489	2014	0	0	1345
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	874	439	2055	0	0	1372
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1153	513	2576		0	2576
Arrive On Green	0.32	0.32	0.50	0.00	0.00	0.50
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	874	439	2055	0	0	1372
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	11.5	13.6	17.5	0.0	0.0	9.5
Cycle Q Clear(g_c), s	11.5	13.6	17.5	0.0	0.0	9.5
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1153	513	2576		0	2576
V/C Ratio(X)	0.76	0.86	0.80		0.00	0.53
Avail Cap(c_a), veh/h	1225	545	2730		0	2730
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	15.9	16.6	10.8	0.0	0.0	8.8
Incr Delay (d2), s/veh	2.6	12.2	1.7	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.5	6.0	4.3	0.0	0.0	2.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	18.5	28.8	12.4	0.0	0.0	9.0
LnGrp LOS	B	C	B			A
Approach Vol, veh/h	1313		2055			1372
Approach Delay, s/veh	21.9		12.4			9.0
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	30.9			30.9	21.4
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	19.5			11.5	15.6
Green Ext Time (p_c), s	6.9			8.1	1.4

Intersection Summary	
HCM 7th Control Delay, s/veh	14.1
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



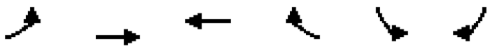
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	113	109	92	9	65	6	29	4	13	143	457	1376
Future Volume (veh/h)	113	109	92	9	65	6	29	4	13	143	457	1376
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	115	111	94	9	66	6	30	4	13	146	466	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	155	680	303	21	413	184	121	502	447	332	642	
Arrive On Green	0.09	0.19	0.19	0.01	0.12	0.12	0.04	0.28	0.28	0.10	0.34	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	115	111	94	9	66	6	30	4	13	146	466	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.7	1.1	2.2	0.2	0.7	0.1	0.4	0.1	0.3	1.7	9.4	0.0
Cycle Q Clear(g_c), s	2.7	1.1	2.2	0.2	0.7	0.1	0.4	0.1	0.3	1.7	9.4	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	155	680	303	21	413	184	121	502	447	332	642	
V/C Ratio(X)	0.74	0.16	0.31	0.43	0.16	0.03	0.25	0.01	0.03	0.44	0.73	
Avail Cap(c_a), veh/h	414	1876	837	220	1488	664	402	3649	3255	1262	4307	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	19.2	14.5	14.9	21.1	17.1	16.9	20.2	11.1	11.2	18.3	12.4	0.0
Incr Delay (d2), s/veh	6.9	0.1	0.6	13.0	0.2	0.1	1.1	0.0	0.0	0.9	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.4	0.7	0.2	0.3	0.0	0.1	0.0	0.1	0.6	3.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	26.0	14.6	15.5	34.1	17.3	16.9	21.2	11.1	11.2	19.3	13.9	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	B	B	
Approach Vol, veh/h		320			81			47			612	
Approach Delay, s/veh		19.0			19.1			17.6			15.2	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.6	16.6	5.0	12.7	6.0	19.3	8.2	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	3.7	2.3	2.2	4.2	2.4	11.4	4.7	2.7
Green Ext Time (p_c), s	0.3	0.1	0.0	0.9	0.0	3.4	0.1	0.2

Intersection Summary	
HCM 7th Control Delay, s/veh	16.8
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



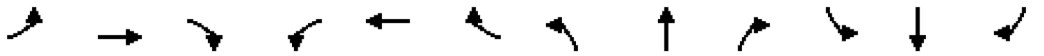
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	796	534	61	86	428	456
Future Volume (veh/h)	796	534	61	86	428	456
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	865	580	66	93	479	481
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1010	788	151	134	872	776
Arrive On Green	0.29	0.42	0.08	0.08	0.49	0.49
Sat Flow, veh/h	3456	1870	1870	1585	1781	1585
Grp Volume(v), veh/h	865	580	66	93	479	481
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1585	1781	1585
Q Serve(g_s), s	21.3	23.4	3.2	5.1	16.9	20.0
Cycle Q Clear(g_c), s	21.3	23.4	3.2	5.1	16.9	20.0
Prop In Lane	1.00			1.00	1.00	1.00
Lane Grp Cap(c), veh/h	1010	788	151	134	872	776
V/C Ratio(X)	0.86	0.74	0.44	0.69	0.55	0.62
Avail Cap(c_a), veh/h	1421	1185	316	282	872	776
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.1	21.8	39.1	40.0	16.0	16.8
Incr Delay (d2), s/veh	3.9	1.4	2.0	6.2	2.5	3.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.1	10.0	1.5	2.2	7.2	18.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	34.0	23.2	41.1	46.2	18.5	20.5
LnGrp LOS	C	C	D	D	B	C
Approach Vol, veh/h		1445	159		960	
Approach Delay, s/veh		29.6	44.1		19.5	
Approach LOS		C	D		B	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			41.9		48.1	30.3	11.6
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			57.0		25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s			25.4		22.0	23.3	7.1
Green Ext Time (p_c), s			4.3		1.2	3.0	0.5

Intersection Summary	
HCM 7th Control Delay, s/veh	26.8
HCM 7th LOS	C

Notes

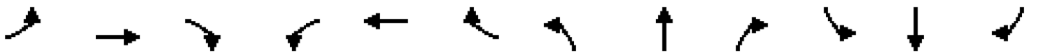
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1384	27	124	1987	0	0	0	0	60	0	51
Future Volume (veh/h)	0	1384	27	124	1987	0	0	0	0	60	0	51
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1472	29	132	2114	0				64	0	54
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2347	46	341	3428	0				323	0	148
Arrive On Green	0.00	0.46	0.46	0.10	0.67	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5323	102	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	972	529	132	2114	0				64	0	54
Grp Sat Flow(s),veh/h/ln	0	1702	1852	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.3	8.3	1.4	8.9	0.0				0.7	0.0	1.2
Cycle Q Clear(g_c), s	0.0	8.3	8.3	1.4	8.9	0.0				0.7	0.0	1.2
Prop In Lane	0.00		0.05	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1550	843	341	3428	0				323	0	148
V/C Ratio(X)	0.00	0.63	0.63	0.39	0.62	0.00				0.20	0.00	0.36
Avail Cap(c_a), veh/h	0	2037	1108	461	4336	0				1671	0	766
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.9	7.9	16.2	3.5	0.0				16.0	0.0	16.3
Incr Delay (d2), s/veh	0.0	0.4	0.8	0.7	0.2	0.0				0.3	0.0	1.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.4	8.7	16.9	3.7	0.0				16.3	0.0	17.8
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1501			2246						118	
Approach Delay, s/veh		8.5			4.5						17.0	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.3	21.9		8.1		30.2					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.4	10.3		3.2		10.9					
Green Ext Time (p_c), s		0.1	6.9		0.4		14.8					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.4
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	82	1190	0	0	1886	66	166	1	343	0	0	0
Future Volume (veh/h)	82	1190	0	0	1886	66	166	1	343	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	87	1266	0	0	2006	70	118	0	429			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	121	3259	0	0	2484	771	345	0	614			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.19	0.00	0.19			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	87	1266	0	0	2006	70	118	0	429			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.6	6.4	0.0	0.0	17.8	1.3	3.1	0.0	6.8			
Cycle Q Clear(g_c), s	2.6	6.4	0.0	0.0	17.8	1.3	3.1	0.0	6.8			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	121	3259	0	0	2484	771	345	0	614			
V/C Ratio(X)	0.72	0.39	0.00	0.00	0.81	0.09	0.34	0.00	0.70			
Avail Cap(c_a), veh/h	166	3528	0	0	2622	814	632	0	1125			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	24.5	4.7	0.0	0.0	11.6	7.4	18.6	0.0	20.1			
Incr Delay (d2), s/veh	9.1	0.1	0.0	0.0	1.9	0.1	0.6	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.2	0.8	0.0	0.0	4.4	0.3	1.2	0.0	2.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	33.5	4.7	0.0	0.0	13.5	7.4	19.2	0.0	21.6			
LnGrp LOS	C	A			B	A	B		C			
Approach Vol, veh/h		1353			2076			547				
Approach Delay, s/veh		6.6			13.3			21.1				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		14.9		38.7			8.1	30.6				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		8.8		8.4			4.6	19.8				
Green Ext Time (p_c), s		1.6		9.1			0.0	6.3				

Intersection Summary												
HCM 7th Control Delay, s/veh			12.1									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	655	0	835	0	2338	0	0	1187	0
Future Volume (veh/h)	0	0	0	655	0	835	0	2338	0	0	1187	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				982	0	549	0	2435	0	0	1236	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1338	0	595	0	3025		0	2753	
Arrive On Green				0.38	0.00	0.38	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				982	0	549	0	2435	0	0	1236	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				25.1	0.0	34.9	0.0	37.2	0.0	0.0	15.5	0.0
Cycle Q Clear(g_c), s				25.1	0.0	34.9	0.0	37.2	0.0	0.0	15.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1338	0	595	0	3025		0	2753	
V/C Ratio(X)				0.73	0.00	0.92	0.00	0.80		0.00	0.45	
Avail Cap(c_a), veh/h				1403	0	624	0	3274		0	2753	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.4	0.0	31.5	0.0	19.8	0.0	0.0	14.8	0.0
Incr Delay (d2), s/veh				1.9	0.0	18.9	0.0	1.4	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				10.8	0.0	16.1	0.0	14.3	0.0	0.0	5.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				30.3	0.0	50.4	0.0	21.2	0.0	0.0	14.9	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1531			2435			1236	
Approach Delay, s/veh					37.5			21.2			14.9	
Approach LOS					D			C			B	

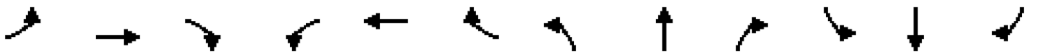
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.3	44.1	61.3
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	17.5	36.9	39.2
Green Ext Time (p_c), s	7.3	2.7	17.6

Intersection Summary	
HCM 7th Control Delay, s/veh	24.5
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1009	0	379	0	1611	0	0	1295	0
Future Volume (veh/h)	0	0	0	1009	0	379	0	1611	0	0	1295	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1019	0	383	0	1627	0	0	1308	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1284	0	589	0	2191		0	2191	
Arrive On Green				0.37	0.00	0.37	0.00	0.43	0.00	0.00	0.43	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1019	0	383	0	1627	0	0	1308	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.9	0.0	9.0	0.0	12.1	0.0	0.0	8.9	0.0
Cycle Q Clear(g_c), s				11.9	0.0	9.0	0.0	12.1	0.0	0.0	8.9	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1284	0	589	0	2191		0	2191	
V/C Ratio(X)				0.79	0.00	0.65	0.00	0.74		0.00	0.60	
Avail Cap(c_a), veh/h				1493	0	685	0	2432		0	2432	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.6	0.0	11.8	0.0	10.8	0.0	0.0	9.9	0.0
Incr Delay (d2), s/veh				2.6	0.0	1.7	0.0	1.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.1	0.0	2.8	0.0	2.9	0.0	0.0	2.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.3	0.0	13.5	0.0	11.9	0.0	0.0	10.2	0.0
LnGrp LOS				B		B		B			B	
Approach Vol, veh/h					1402			1627			1308	
Approach Delay, s/veh					14.8			11.9			10.2	
Approach LOS					B			B			B	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	23.9		23.9	21.3
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	21.5		21.5	19.5
Max Q Clear Time (g_c+I1), s	14.1		10.9	13.9
Green Ext Time (p_c), s	5.3		5.8	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	12.3
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	268	0	99	0	0	0	0	1529	0	0	2036	0
Future Volume (veh/h)	268	0	99	0	0	0	0	1529	0	0	2036	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	282	0	104				0	1609	0	0	2143	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	508	0	233				0	3281		0	3281	
Arrive On Green	0.15	0.00	0.15				0.00	0.64	0.00	0.00	0.64	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	282	0	104				0	1609	0	0	2143	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.2	0.0	2.6				0.0	7.0	0.0	0.0	11.1	0.0
Cycle Q Clear(g_c), s	3.2	0.0	2.6				0.0	7.0	0.0	0.0	11.1	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	508	0	233				0	3281		0	3281	
V/C Ratio(X)	0.56	0.00	0.45				0.00	0.49		0.00	0.65	
Avail Cap(c_a), veh/h	1455	0	667				0	3941		0	3941	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	16.9	0.0	16.6				0.0	4.0	0.0	0.0	4.7	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.3				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	0.9				0.0	0.4	0.0	0.0	0.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	17.9	0.0	18.0				0.0	4.1	0.0	0.0	5.0	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		386						1609			2143	
Approach Delay, s/veh		17.9						4.1			5.0	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		32.0		10.8		32.0						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		9.0		5.2		13.1						
Green Ext Time (p_c), s		11.9		1.1		14.4						

Intersection Summary	
HCM 7th Control Delay, s/veh	5.9
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

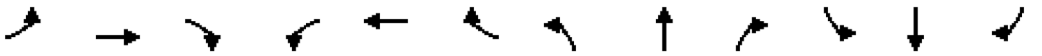
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	203	167	1411	0	0	1444
Future Volume (veh/h)	203	167	1411	0	0	1444
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	265	134	1534	0	0	1570
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	613	273	2763		0	2763
Arrive On Green	0.17	0.17	0.54	0.00	0.00	0.54
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	265	134	1534	0	0	1570
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.1	2.4	6.2	0.0	0.0	6.4
Cycle Q Clear(g_c), s	2.1	2.4	6.2	0.0	0.0	6.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	613	273	2763		0	2763
V/C Ratio(X)	0.43	0.49	0.56		0.00	0.57
Avail Cap(c_a), veh/h	2043	909	3741		0	3741
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	11.6	11.7	4.7	0.0	0.0	4.8
Incr Delay (d2), s/veh	0.5	1.4	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	12.1	13.1	4.9	0.0	0.0	5.0
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	399		1534			1570
Approach Delay, s/veh	12.4		4.9			5.0
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	21.5			21.5	9.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	8.2			8.4	4.4
Green Ext Time (p_c), s	8.5			8.6	1.2

Intersection Summary	
HCM 7th Control Delay, s/veh	5.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



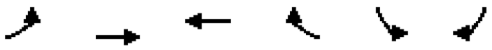
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	449	206	81	40	260	91	115	80	39	253	266	394
Future Volume (veh/h)	449	206	81	40	260	91	115	80	39	253	266	394
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	478	219	86	43	277	97	122	85	41	269	283	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	539	1395	622	76	469	209	247	372	169	391	371	
Arrive On Green	0.30	0.39	0.39	0.04	0.13	0.13	0.07	0.16	0.16	0.11	0.20	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2375	1078	3456	1870	1585
Grp Volume(v), veh/h	478	219	86	43	277	97	122	62	64	269	283	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1676	1728	1870	1585
Q Serve(g_s), s	15.6	2.4	2.1	1.4	4.5	3.4	2.1	1.9	2.0	4.6	8.7	0.0
Cycle Q Clear(g_c), s	15.6	2.4	2.1	1.4	4.5	3.4	2.1	1.9	2.0	4.6	8.7	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.64	1.00		1.00
Lane Grp Cap(c), veh/h	539	1395	622	76	469	209	247	278	263	391	371	
V/C Ratio(X)	0.89	0.16	0.14	0.57	0.59	0.46	0.49	0.22	0.24	0.69	0.76	
Avail Cap(c_a), veh/h	687	2046	913	187	1049	468	289	551	520	657	779	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	20.3	12.0	11.9	28.6	24.9	24.5	27.2	22.5	22.5	26.0	23.1	0.0
Incr Delay (d2), s/veh	11.2	0.1	0.1	6.6	1.2	1.6	1.5	0.4	0.5	2.2	3.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.5	0.9	0.7	0.7	1.9	1.3	0.9	0.8	0.8	1.9	3.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	31.4	12.0	12.0	35.2	26.1	26.1	28.8	22.9	23.0	28.1	26.4	0.0
LnGrp LOS	C	B	B	D	C	C	C	C	C	C	C	
Approach Vol, veh/h		783			417			248			552	
Approach Delay, s/veh		23.9			27.0			25.8			27.2	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.4	14.1	7.1	28.4	8.9	16.6	23.0	12.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	6.6	4.0	3.4	4.4	4.1	10.7	17.6	6.5
Green Ext Time (p_c), s	0.4	0.5	0.0	1.7	0.0	1.4	0.9	1.6

Intersection Summary	
HCM 7th Control Delay, s/veh	25.7
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	866	154	832	24	2	458
Future Volume (veh/h)	866	154	832	24	2	458
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	941	167	904	26	0	500
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1088	1150	901	26	528	939
Arrive On Green	0.31	0.61	0.26	0.26	0.00	0.30
Sat Flow, veh/h	3456	1870	3621	101	1781	3170
Grp Volume(v), veh/h	941	167	455	475	0	500
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	23.1	3.4	23.0	23.0	0.0	11.9
Cycle Q Clear(g_c), s	23.1	3.4	23.0	23.0	0.0	11.9
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1088	1150	454	473	528	939
V/C Ratio(X)	0.86	0.15	1.00	1.00	0.00	0.53
Avail Cap(c_a), veh/h	1459	1351	454	473	528	939
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	29.0	7.3	33.5	33.5	0.0	26.5
Incr Delay (d2), s/veh	4.4	0.1	42.9	42.1	0.0	2.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.9	1.3	15.0	15.5	0.0	10.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	33.4	7.4	76.4	75.6	0.0	28.6
LnGrp LOS	C	A	F	F		C
Approach Vol, veh/h		1108	930		500	
Approach Delay, s/veh		29.5	76.0		28.6	
Approach LOS		C	E		C	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			59.3		30.7	32.3	27.0
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			65.0		17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s			5.4		13.9	25.1	25.0
Green Ext Time (p_c), s			1.0		0.7	3.3	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	46.4
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	56	5	136	221	25	15
Future Vol, veh/h	56	5	136	221	25	15
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	5	148	240	27	16
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.5	8.5	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	63%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	38%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	56	3	3	136	221	40
LT Vol	56	0	0	0	0	25
Through Vol	0	3	3	136	0	0
RT Vol	0	0	0	0	221	15
Lane Flow Rate	61	3	3	148	240	43
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.092	0.004	0.002	0.198	0.275	0.067
Departure Headway (Hd)	5.456	4.954	3.213	4.82	4.119	5.534
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	659	725	1115	748	877	649
Service Time	3.171	2.669	0.928	2.53	1.828	3.257
HCM Lane V/C Ratio	0.093	0.004	0.003	0.198	0.274	0.066
HCM Control Delay, s/veh	8.7	7.7	5.9	8.7	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.7	1.1	0.2

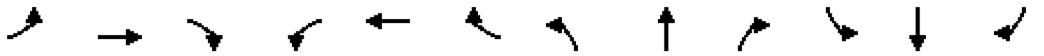
Intersection	
Intersection Delay, s/veh	13.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	72	87	60	14	316	45
Future Vol, veh/h	72	87	60	14	316	45
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	78	95	65	15	343	49
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	9	9.5	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	88%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	72	44	44	60	14	361
LT Vol	72	0	0	0	0	316
Through Vol	0	44	44	60	0	0
RT Vol	0	0	0	0	14	45
Lane Flow Rate	78	47	47	65	15	392
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.137	0.076	0.053	0.112	0.023	0.601
Departure Headway (Hd)	6.307	5.8	4.042	6.185	5.472	5.516
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	566	614	877	575	647	651
Service Time	4.074	3.567	1.807	3.977	3.263	3.282
HCM Lane V/C Ratio	0.138	0.077	0.054	0.113	0.023	0.602
HCM Control Delay, s/veh	10.1	9	7	9.8	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.2	0.2	0.4	0.1	4

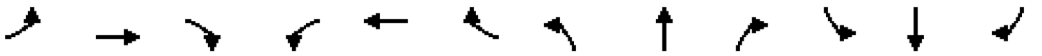
HCM Worksheet
Short-Term Approved Plus Project



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	943	56	387	1554	0	0	0	0	54	0	171
Future Volume (veh/h)	0	943	56	387	1554	0	0	0	0	54	0	171
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1025	61	421	1689	0				59	0	186
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1597	95	603	3105	0				595	0	273
Arrive On Green	0.00	0.32	0.32	0.17	0.61	0.00				0.17	0.00	0.17
Sat Flow, veh/h	0	5097	293	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	708	378	421	1689	0				59	0	186
Grp Sat Flow(s),veh/h/ln	0	1702	1818	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	7.3	7.3	4.7	7.9	0.0				0.6	0.0	4.5
Cycle Q Clear(g_c), s	0.0	7.3	7.3	4.7	7.9	0.0				0.6	0.0	4.5
Prop In Lane	0.00		0.16	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1103	589	603	3105	0				595	0	273
V/C Ratio(X)	0.00	0.64	0.64	0.70	0.54	0.00				0.10	0.00	0.68
Avail Cap(c_a), veh/h	0	1496	799	852	4064	0				1552	0	712
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	11.8	11.8	15.9	4.7	0.0				14.3	0.0	15.9
Incr Delay (d2), s/veh	0.0	0.6	1.2	1.5	0.1	0.0				0.1	0.0	3.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.7	1.9	1.4	0.4	0.0				0.2	0.0	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	12.4	13.0	17.4	4.8	0.0				14.4	0.0	18.9
LnGrp LOS		B	B	B	A					B		B
Approach Vol, veh/h		1086			2110						245	
Approach Delay, s/veh		12.6			7.3						17.8	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		11.6	17.8		11.5		29.4					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		6.7	9.3		6.5		9.9					
Green Ext Time (p_c), s		0.5	4.0		1.0		11.9					

Intersection Summary	
HCM 7th Control Delay, s/veh	9.8
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	31	824	0	0	1574	71	9	1	48	0	0	0
Future Volume (veh/h)	31	824	0	0	1574	71	9	1	48	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	34	896	0	0	1711	77	7	0	56			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	71	3511	0	0	2675	830	115	0	205			
Arrive On Green	0.04	0.69	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	34	896	0	0	1711	77	7	0	56			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	0.7	2.4	0.0	0.0	8.7	0.9	0.1	0.0	0.6			
Cycle Q Clear(g_c), s	0.7	2.4	0.0	0.0	8.7	0.9	0.1	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	71	3511	0	0	2675	830	115	0	205			
V/C Ratio(X)	0.48	0.26	0.00	0.00	0.64	0.09	0.06	0.00	0.27			
Avail Cap(c_a), veh/h	245	4594	0	0	3260	1012	897	0	1596			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.1	2.2	0.0	0.0	6.2	4.3	16.0	0.0	16.2			
Incr Delay (d2), s/veh	4.9	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.0	0.0	0.8	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.0	2.2	0.0	0.0	6.5	4.4	16.2	0.0	16.9			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		930			1788			63				
Approach Delay, s/veh		2.9			6.4			16.8				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.9		29.5			6.0	23.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.4			2.7	10.7				
Green Ext Time (p_c), s		0.1		5.9			0.0	8.3				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.5									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	848	0	325	0	651	0	0	2096	0
Future Volume (veh/h)	0	0	0	848	0	325	0	651	0	0	2096	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				978	0	223	0	671	0	0	2161	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1154	0	513	0	3183		0	2897	
Arrive On Green				0.32	0.00	0.32	0.00	0.57	0.00	0.00	0.57	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				978	0	223	0	671	0	0	2161	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				21.1	0.0	9.1	0.0	4.9	0.0	0.0	26.2	0.0
Cycle Q Clear(g_c), s				21.1	0.0	9.1	0.0	4.9	0.0	0.0	26.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1154	0	513	0	3183		0	2897	
V/C Ratio(X)				0.85	0.00	0.43	0.00	0.21		0.00	0.75	
Avail Cap(c_a), veh/h				1423	0	633	0	3183		0	3429	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				26.0	0.0	22.0	0.0	8.8	0.0	0.0	13.4	0.0
Incr Delay (d2), s/veh				4.2	0.0	0.6	0.0	0.0	0.0	0.0	0.8	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.2	0.0	3.4	0.0	1.6	0.0	0.0	8.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				30.2	0.0	22.6	0.0	8.8	0.0	0.0	14.2	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1201			671			2161	
Approach Delay, s/veh					28.8			8.8			14.2	
Approach LOS					C			A			B	

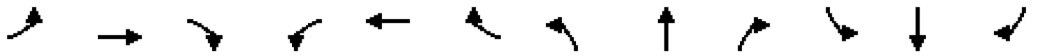
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	51.4	31.3	51.4
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	28.2	23.1	6.9
Green Ext Time (p_c), s	18.6	3.6	3.1

Intersection Summary	
HCM 7th Control Delay, s/veh	17.6
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1326	0	120	0	925	0	0	1790	0
Future Volume (veh/h)	0	0	0	1326	0	120	0	925	0	0	1790	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1367	0	124	0	954	0	0	1845	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1533	0	703	0	2048		0	2048	
Arrive On Green				0.44	0.00	0.44	0.00	0.40	0.00	0.00	0.40	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1367	0	124	0	954	0	0	1845	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				21.1	0.0	2.7	0.0	8.0	0.0	0.0	19.6	0.0
Cycle Q Clear(g_c), s				21.1	0.0	2.7	0.0	8.0	0.0	0.0	19.6	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1533	0	703	0	2048		0	2048	
V/C Ratio(X)				0.89	0.00	0.18	0.00	0.47		0.00	0.90	
Avail Cap(c_a), veh/h				1640	0	752	0	2071		0	2071	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.8	0.0	9.7	0.0	12.8	0.0	0.0	16.3	0.0
Incr Delay (d2), s/veh				6.3	0.0	0.1	0.0	0.2	0.0	0.0	5.9	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.2	0.0	0.8	0.0	2.3	0.0	0.0	6.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				21.2	0.0	9.8	0.0	12.9	0.0	0.0	22.1	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1491			954			1845	
Approach Delay, s/veh					20.2			12.9			22.1	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.7		27.7	30.2
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	10.0		21.6	23.1
Green Ext Time (p_c), s	4.9		1.6	2.6

Intersection Summary	
HCM 7th Control Delay, s/veh	19.4
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	201	0	126	0	0	0	0	1142	0	0	2707	0
Future Volume (veh/h)	201	0	126	0	0	0	0	1142	0	0	2707	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	205	0	129				0	1165	0	0	2762	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	455	0	209				0	3549		0	3549	
Arrive On Green	0.13	0.00	0.13				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	205	0	129				0	1165	0	0	2762	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	2.8	0.0	4.0				0.0	4.7	0.0	0.0	18.7	0.0
Cycle Q Clear(g_c), s	2.8	0.0	4.0				0.0	4.7	0.0	0.0	18.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	455	0	209				0	3549		0	3549	
V/C Ratio(X)	0.45	0.00	0.62				0.00	0.33		0.00	0.78	
Avail Cap(c_a), veh/h	1197	0	549				0	3734		0	3734	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	20.8	0.0	21.3				0.0	3.1	0.0	0.0	5.3	0.0
Incr Delay (d2), s/veh	0.7	0.0	3.0				0.0	0.1	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.0	1.5				0.0	0.3	0.0	0.0	1.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.5	0.0	24.3				0.0	3.2	0.0	0.0	6.3	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		334						1165			2762	
Approach Delay, s/veh		22.6						3.2			6.3	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.6		11.3		40.6						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.7		6.0		20.7						
Green Ext Time (p_c), s		8.7		0.9		15.4						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.7
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

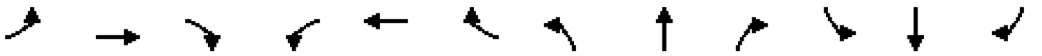
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	807	484	2019	0	0	1370
Future Volume (veh/h)	807	484	2019	0	0	1370
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	874	439	2060	0	0	1398
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1152	513	2578		0	2578
Arrive On Green	0.32	0.32	0.50	0.00	0.00	0.50
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	874	439	2060	0	0	1398
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	11.5	13.6	17.6	0.0	0.0	9.8
Cycle Q Clear(g_c), s	11.5	13.6	17.6	0.0	0.0	9.8
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1152	513	2578		0	2578
V/C Ratio(X)	0.76	0.86	0.80		0.00	0.54
Avail Cap(c_a), veh/h	1224	544	2728		0	2728
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	15.9	16.6	10.8	0.0	0.0	8.8
Incr Delay (d2), s/veh	2.6	12.2	1.7	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.5	6.0	4.3	0.0	0.0	2.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	18.5	28.8	12.5	0.0	0.0	9.0
LnGrp LOS	B	C	B			A
Approach Vol, veh/h	1313		2060			1398
Approach Delay, s/veh	22.0		12.5			9.0
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.0			31.0	21.5
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	19.6			11.8	15.6
Green Ext Time (p_c), s	6.9			8.2	1.4

Intersection Summary	
HCM 7th Control Delay, s/veh	14.1
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



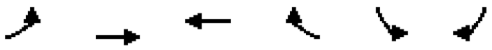
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	114	106	88	9	64	7	28	4	13	148	465	1339
Future Volume (veh/h)	114	106	88	9	64	7	28	4	13	148	465	1339
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	116	108	90	9	65	7	29	4	13	151	474	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	155	677	302	21	411	183	118	506	452	334	650	
Arrive On Green	0.09	0.19	0.19	0.01	0.12	0.12	0.03	0.28	0.28	0.10	0.35	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	116	108	90	9	65	7	29	4	13	151	474	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.8	1.1	2.1	0.2	0.7	0.2	0.4	0.1	0.3	1.8	9.6	0.0
Cycle Q Clear(g_c), s	2.8	1.1	2.1	0.2	0.7	0.2	0.4	0.1	0.3	1.8	9.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	155	677	302	21	411	183	118	506	452	334	650	
V/C Ratio(X)	0.75	0.16	0.30	0.43	0.16	0.04	0.25	0.01	0.03	0.45	0.73	
Avail Cap(c_a), veh/h	412	1864	831	218	1478	659	399	3625	3234	1254	4279	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	19.3	14.6	15.0	21.2	17.2	17.0	20.4	11.1	11.2	18.5	12.3	0.0
Incr Delay (d2), s/veh	7.1	0.1	0.5	13.0	0.2	0.1	1.1	0.0	0.0	1.0	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.4	0.7	0.2	0.3	0.1	0.1	0.0	0.1	0.7	3.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	26.4	14.7	15.6	34.3	17.4	17.1	21.4	11.1	11.2	19.4	13.9	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	B	B	
Approach Vol, veh/h		314			81			46			625	
Approach Delay, s/veh		19.3			19.3			17.6			15.2	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.7	16.8	5.0	12.7	6.0	19.5	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	3.8	2.3	2.2	4.1	2.4	11.6	4.8	2.7
Green Ext Time (p_c), s	0.3	0.1	0.0	0.8	0.0	3.5	0.1	0.2

Intersection Summary	
HCM 7th Control Delay, s/veh	16.8
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



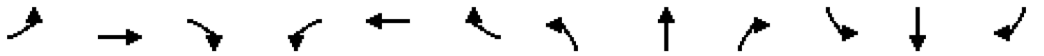
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	801	536	61	85	423	454
Future Volume (veh/h)	801	536	61	85	423	454
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	871	583	66	92	475	477
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1016	790	150	133	870	774
Arrive On Green	0.29	0.42	0.08	0.08	0.49	0.49
Sat Flow, veh/h	3456	1870	1870	1585	1781	1585
Grp Volume(v), veh/h	871	583	66	92	475	477
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1585	1781	1585
Q Serve(g_s), s	21.4	23.5	3.2	5.1	16.7	19.8
Cycle Q Clear(g_c), s	21.4	23.5	3.2	5.1	16.7	19.8
Prop In Lane	1.00			1.00	1.00	1.00
Lane Grp Cap(c), veh/h	1016	790	150	133	870	774
V/C Ratio(X)	0.86	0.74	0.44	0.69	0.55	0.62
Avail Cap(c_a), veh/h	1421	1185	316	282	870	774
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.0	21.8	39.2	40.1	16.1	16.8
Incr Delay (d2), s/veh	4.0	1.4	2.0	6.2	2.5	3.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.2	10.1	1.5	2.2	7.2	18.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	34.0	23.2	41.2	46.3	18.5	20.5
LnGrp LOS	C	C	D	D	B	C
Approach Vol, veh/h		1454	158		952	
Approach Delay, s/veh		29.6	44.2		19.5	
Approach LOS		C	D		B	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			42.0		48.0	30.4	11.6
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			57.0		25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s			25.5		21.8	23.4	7.1
Green Ext Time (p_c), s			4.3		1.3	3.0	0.5

Intersection Summary	
HCM 7th Control Delay, s/veh	26.8
HCM 7th LOS	C

Notes

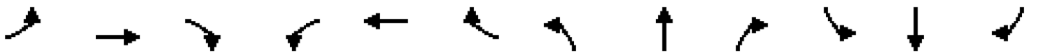
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1348	11	145	2017	0	0	0	0	86	0	26
Future Volume (veh/h)	0	1348	11	145	2017	0	0	0	0	86	0	26
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1434	12	154	2146	0				91	0	28
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2365	20	361	3441	0				322	0	148
Arrive On Green	0.00	0.45	0.45	0.10	0.67	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5391	44	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	935	511	154	2146	0				91	0	28
Grp Sat Flow(s),veh/h/ln	0	1702	1862	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.0	8.0	1.6	9.1	0.0				0.9	0.0	0.6
Cycle Q Clear(g_c), s	0.0	8.0	8.0	1.6	9.1	0.0				0.9	0.0	0.6
Prop In Lane	0.00		0.02	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1542	843	361	3441	0				322	0	148
V/C Ratio(X)	0.00	0.61	0.61	0.43	0.62	0.00				0.28	0.00	0.19
Avail Cap(c_a), veh/h	0	2017	1103	456	4293	0				1654	0	759
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.0	8.0	16.2	3.5	0.0				16.3	0.0	16.2
Incr Delay (d2), s/veh	0.0	0.4	0.7	0.8	0.2	0.0				0.5	0.0	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.5	0.1	0.0				0.3	0.0	0.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.4	8.7	17.0	3.7	0.0				16.8	0.0	16.8
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1446			2300						119	
Approach Delay, s/veh		8.5			4.6						16.8	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.5	22.0		8.1		30.5					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.6	10.0		2.9		11.1					
Green Ext Time (p_c), s		0.1	6.8		0.3		14.9					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.4
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	90	1171	0	0	1910	59	194	1	313	0	0	0
Future Volume (veh/h)	90	1171	0	0	1910	59	194	1	313	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	96	1246	0	0	2032	63	138	0	407			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	127	3291	0	0	2498	776	334	0	594			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.19	0.00	0.19			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	96	1246	0	0	2032	63	138	0	407			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.8	6.1	0.0	0.0	18.1	1.1	3.7	0.0	6.4			
Cycle Q Clear(g_c), s	2.8	6.1	0.0	0.0	18.1	1.1	3.7	0.0	6.4			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	127	3291	0	0	2498	776	334	0	594			
V/C Ratio(X)	0.76	0.38	0.00	0.00	0.81	0.08	0.41	0.00	0.69			
Avail Cap(c_a), veh/h	167	3533	0	0	2626	815	633	0	1126			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	24.4	4.5	0.0	0.0	11.6	7.3	19.1	0.0	20.3			
Incr Delay (d2), s/veh	13.4	0.1	0.0	0.0	2.0	0.0	0.8	0.0	1.4			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.5	0.7	0.0	0.0	4.5	0.2	1.4	0.0	2.3			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	37.8	4.5	0.0	0.0	13.6	7.3	20.0	0.0	21.7			
LnGrp LOS	D	A			B	A	B		C			
Approach Vol, veh/h		1342			2095			545				
Approach Delay, s/veh		6.9			13.4			21.2				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		14.5		39.0			8.3	30.7				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		8.4		8.1			4.8	20.1				
Green Ext Time (p_c), s		1.6		8.9			0.0	6.1				

Intersection Summary												
HCM 7th Control Delay, s/veh			12.3									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	662	0	828	0	2378	0	0	1234	0
Future Volume (veh/h)	0	0	0	662	0	828	0	2378	0	0	1234	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				985	0	546	0	2477	0	0	1285	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1330	0	592	0	3040		0	2767	
Arrive On Green				0.37	0.00	0.37	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				985	0	546	0	2477	0	0	1285	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				25.4	0.0	34.9	0.0	38.4	0.0	0.0	16.3	0.0
Cycle Q Clear(g_c), s				25.4	0.0	34.9	0.0	38.4	0.0	0.0	16.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1330	0	592	0	3040		0	2767	
V/C Ratio(X)				0.74	0.00	0.92	0.00	0.81		0.00	0.46	
Avail Cap(c_a), veh/h				1394	0	620	0	3253		0	2767	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.8	0.0	31.8	0.0	19.9	0.0	0.0	14.9	0.0
Incr Delay (d2), s/veh				2.1	0.0	19.1	0.0	1.6	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				11.0	0.0	16.1	0.0	14.8	0.0	0.0	5.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				30.8	0.0	50.8	0.0	21.5	0.0	0.0	15.0	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1531			2477			1285	
Approach Delay, s/veh					38.0			21.5			15.0	
Approach LOS					D			C			B	

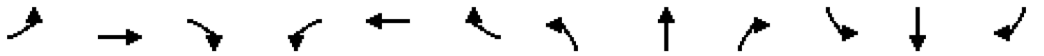
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	62.0	44.1	62.0
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	18.3	36.9	40.4
Green Ext Time (p_c), s	7.4	2.7	17.1

Intersection Summary	
HCM 7th Control Delay, s/veh	24.7
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



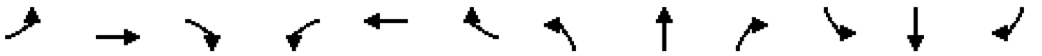
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	992	0	351	0	1653	0	0	1328	0
Future Volume (veh/h)	0	0	0	992	0	351	0	1653	0	0	1328	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1002	0	355	0	1670	0	0	1341	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1267	0	581	0	2216		0	2216	
Arrive On Green				0.37	0.00	0.37	0.00	0.43	0.00	0.00	0.43	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1002	0	355	0	1670	0	0	1341	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.7	0.0	8.3	0.0	12.4	0.0	0.0	9.1	0.0
Cycle Q Clear(g_c), s				11.7	0.0	8.3	0.0	12.4	0.0	0.0	9.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1267	0	581	0	2216		0	2216	
V/C Ratio(X)				0.79	0.00	0.61	0.00	0.75		0.00	0.61	
Avail Cap(c_a), veh/h				1492	0	684	0	2430		0	2430	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.8	0.0	11.7	0.0	10.8	0.0	0.0	9.8	0.0
Incr Delay (d2), s/veh				2.5	0.0	1.2	0.0	1.3	0.0	0.0	0.4	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.0	0.0	2.5	0.0	3.0	0.0	0.0	2.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.3	0.0	12.9	0.0	12.0	0.0	0.0	10.2	0.0
LnGrp LOS				B		B		B			B	
Approach Vol, veh/h					1357			1670			1341	
Approach Delay, s/veh					14.7			12.0			10.2	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	24.1			24.1		21.1						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	14.4			11.1		13.7						
Green Ext Time (p_c), s	5.2			5.9		2.9						

Intersection Summary												
HCM 7th Control Delay, s/veh		12.3										
HCM 7th LOS		B										

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	273	0	94	0	0	0	0	1540	0	0	2070	0
Future Volume (veh/h)	273	0	94	0	0	0	0	1540	0	0	2070	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	287	0	99				0	1621	0	0	2179	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	510	0	234				0	3290		0	3290	
Arrive On Green	0.15	0.00	0.15				0.00	0.64	0.00	0.00	0.64	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	287	0	99				0	1621	0	0	2179	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.3	0.0	2.5				0.0	7.2	0.0	0.0	11.4	0.0
Cycle Q Clear(g_c), s	3.3	0.0	2.5				0.0	7.2	0.0	0.0	11.4	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	510	0	234				0	3290		0	3290	
V/C Ratio(X)	0.56	0.00	0.42				0.00	0.49		0.00	0.66	
Avail Cap(c_a), veh/h	1438	0	660				0	3896		0	3896	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.1	0.0	16.8				0.0	4.0	0.0	0.0	4.8	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.2				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	0.9				0.0	0.4	0.0	0.0	0.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.1	0.0	18.0				0.0	4.1	0.0	0.0	5.1	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		386						1621			2179	
Approach Delay, s/veh		18.1						4.1			5.1	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		32.4		10.9		32.4						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		9.2		5.3		13.4						
Green Ext Time (p_c), s		11.9		1.1		14.4						

Intersection Summary	
HCM 7th Control Delay, s/veh	5.9
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

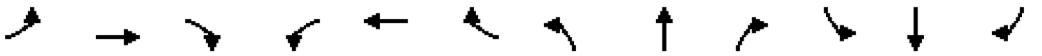
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	199	165	1416	0	0	1448
Future Volume (veh/h)	199	165	1416	0	0	1448
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	260	132	1539	0	0	1574
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	606	270	2771		0	2771
Arrive On Green	0.17	0.17	0.54	0.00	0.00	0.54
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	260	132	1539	0	0	1574
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.0	2.4	6.2	0.0	0.0	6.4
Cycle Q Clear(g_c), s	2.0	2.4	6.2	0.0	0.0	6.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	606	270	2771		0	2771
V/C Ratio(X)	0.43	0.49	0.56		0.00	0.57
Avail Cap(c_a), veh/h	2046	911	3748		0	3748
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	11.6	11.8	4.7	0.0	0.0	4.7
Incr Delay (d2), s/veh	0.5	1.4	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	12.1	13.1	4.9	0.0	0.0	4.9
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	392		1539			1574
Approach Delay, s/veh	12.5		4.9			4.9
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	21.5			21.5	9.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	8.2			8.4	4.4
Green Ext Time (p_c), s	8.5			8.6	1.2

Intersection Summary	
HCM 7th Control Delay, s/veh	5.7
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



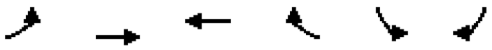
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	449	206	81	41	262	92	115	80	39	255	267	394
Future Volume (veh/h)	449	206	81	41	262	92	115	80	39	255	267	394
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	478	219	86	44	279	98	122	85	41	271	284	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	539	1394	622	77	471	210	247	372	169	393	372	
Arrive On Green	0.30	0.39	0.39	0.04	0.13	0.13	0.07	0.16	0.16	0.11	0.20	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2375	1078	3456	1870	1585
Grp Volume(v), veh/h	478	219	86	44	279	98	122	62	64	271	284	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1676	1728	1870	1585
Q Serve(g_s), s	15.6	2.4	2.1	1.5	4.5	3.5	2.1	1.9	2.0	4.6	8.8	0.0
Cycle Q Clear(g_c), s	15.6	2.4	2.1	1.5	4.5	3.5	2.1	1.9	2.0	4.6	8.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.64	1.00		1.00
Lane Grp Cap(c), veh/h	539	1394	622	77	471	210	247	278	262	393	372	
V/C Ratio(X)	0.89	0.16	0.14	0.57	0.59	0.47	0.49	0.22	0.24	0.69	0.76	
Avail Cap(c_a), veh/h	685	2041	910	187	1047	467	288	549	518	656	777	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	20.3	12.0	11.9	28.7	25.0	24.5	27.3	22.5	22.6	26.0	23.1	0.0
Incr Delay (d2), s/veh	11.3	0.1	0.1	6.6	1.2	1.6	1.5	0.4	0.5	2.2	3.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.5	0.9	0.7	0.7	1.9	1.3	0.9	0.8	0.8	1.9	3.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	31.6	12.1	12.0	35.3	26.1	26.1	28.8	22.9	23.1	28.2	26.4	0.0
LnGrp LOS	C	B	B	D	C	C	C	C	C	C	C	
Approach Vol, veh/h		783			421			248			555	
Approach Delay, s/veh		24.0			27.1			25.9			27.3	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.5	14.1	7.1	28.5	8.9	16.6	23.0	12.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	6.6	4.0	3.5	4.4	4.1	10.8	17.6	6.5
Green Ext Time (p_c), s	0.4	0.5	0.0	1.7	0.0	1.4	0.9	1.6

Intersection Summary	
HCM 7th Control Delay, s/veh	25.8
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	858	153	834	27	3	458
Future Volume (veh/h)	858	153	834	27	3	458
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	933	166	907	29	0	501
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1080	1146	898	29	532	947
Arrive On Green	0.31	0.61	0.26	0.26	0.00	0.30
Sat Flow, veh/h	3456	1870	3608	112	1781	3170
Grp Volume(v), veh/h	933	166	459	477	0	501
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1850	1781	1585
Q Serve(g_s), s	22.9	3.4	23.0	23.0	0.0	11.8
Cycle Q Clear(g_c), s	22.9	3.4	23.0	23.0	0.0	11.8
Prop In Lane	1.00			0.06	1.00	1.00
Lane Grp Cap(c), veh/h	1080	1146	454	473	532	947
V/C Ratio(X)	0.86	0.14	1.01	1.01	0.00	0.53
Avail Cap(c_a), veh/h	1459	1351	454	473	532	947
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	29.1	7.4	33.5	33.5	0.0	26.3
Incr Delay (d2), s/veh	4.3	0.1	44.7	43.9	0.0	2.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.8	1.3	15.2	15.7	0.0	10.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	33.4	7.5	78.2	77.4	0.0	28.4
LnGrp LOS	C	A	F	F		C
Approach Vol, veh/h		1099	936		501	
Approach Delay, s/veh		29.5	77.8		28.4	
Approach LOS		C	E		C	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			59.1		30.9	32.1	27.0
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			65.0		17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s			5.4		13.8	24.9	25.0
Green Ext Time (p_c), s			1.0		0.7	3.2	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	47.1
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	56	5	136	221	25	15
Future Vol, veh/h	56	5	136	221	25	15
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	5	148	240	27	16
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.5	8.5	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	63%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	38%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	56	3	3	136	221	40
LT Vol	56	0	0	0	0	25
Through Vol	0	3	3	136	0	0
RT Vol	0	0	0	0	221	15
Lane Flow Rate	61	3	3	148	240	43
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.092	0.004	0.002	0.198	0.275	0.067
Departure Headway (Hd)	5.456	4.954	3.213	4.82	4.119	5.534
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	659	725	1115	748	877	649
Service Time	3.171	2.669	0.928	2.53	1.828	3.257
HCM Lane V/C Ratio	0.093	0.004	0.003	0.198	0.274	0.066
HCM Control Delay, s/veh	8.7	7.7	5.9	8.7	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.7	1.1	0.2

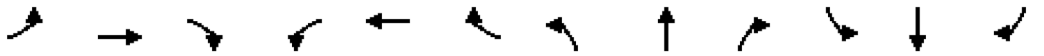
Intersection	
Intersection Delay, s/veh	13.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	72	86	60	14	316	45
Future Vol, veh/h	72	86	60	14	316	45
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	78	93	65	15	343	49
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	9	9.5	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	88%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	72	43	43	60	14	361
LT Vol	72	0	0	0	0	316
Through Vol	0	43	43	60	0	0
RT Vol	0	0	0	0	14	45
Lane Flow Rate	78	47	47	65	15	392
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.137	0.075	0.052	0.112	0.023	0.601
Departure Headway (Hd)	6.307	5.8	4.042	6.185	5.472	5.516
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	566	614	877	575	648	651
Service Time	4.074	3.567	1.807	3.974	3.26	3.279
HCM Lane V/C Ratio	0.138	0.077	0.054	0.113	0.023	0.602
HCM Control Delay, s/veh	10.1	9	7	9.8	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.2	0.2	0.4	0.1	4

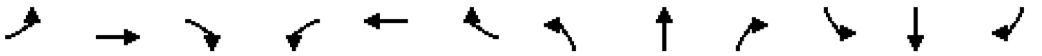
HCM Worksheet
Long Range Approved Baseline



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	962	106	390	1585	0	0	0	0	33	0	195
Future Volume (veh/h)	0	962	106	390	1585	0	0	0	0	33	0	195
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1046	115	424	1723	0				36	0	212
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1541	169	594	3095	0				642	0	294
Arrive On Green	0.00	0.33	0.33	0.17	0.61	0.00				0.19	0.00	0.19
Sat Flow, veh/h	0	4838	513	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	762	399	424	1723	0				36	0	212
Grp Sat Flow(s),veh/h/ln	0	1702	1778	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.4	8.4	5.0	8.7	0.0				0.4	0.0	5.4
Cycle Q Clear(g_c), s	0.0	8.4	8.4	5.0	8.7	0.0				0.4	0.0	5.4
Prop In Lane	0.00		0.29	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1123	587	594	3095	0				642	0	294
V/C Ratio(X)	0.00	0.68	0.68	0.71	0.56	0.00				0.06	0.00	0.72
Avail Cap(c_a), veh/h	0	1417	740	807	3851	0				1471	0	675
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.5	12.5	16.9	5.1	0.0				14.5	0.0	16.5
Incr Delay (d2), s/veh	0.0	0.9	1.8	1.9	0.2	0.0				0.0	0.0	3.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.1	2.4	1.6	0.7	0.0				0.1	0.0	2.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	13.4	14.3	18.8	5.2	0.0				14.5	0.0	19.9
LnGrp LOS		B	B	B	A					B		B
Approach Vol, veh/h		1161			2147						248	
Approach Delay, s/veh		13.7			7.9						19.1	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		11.9	18.8		12.5		30.7					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.0	10.4		7.4		10.7					
Green Ext Time (p_c), s		0.5	3.9		1.0		11.9					

Intersection Summary	
HCM 7th Control Delay, s/veh	10.6
HCM 7th LOS	B



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	49	821	0	0	1565	57	15	1	41	0	0	0
Future Volume (veh/h)	49	821	0	0	1565	57	15	1	41	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	53	892	0	0	1701	62	11	0	51			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	101	3541	0	0	2631	817	113	0	202			
Arrive On Green	0.06	0.69	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	53	892	0	0	1701	62	11	0	51			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.1	2.4	0.0	0.0	9.0	0.7	0.2	0.0	0.6			
Cycle Q Clear(g_c), s	1.1	2.4	0.0	0.0	9.0	0.7	0.2	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	101	3541	0	0	2631	817	113	0	202			
V/C Ratio(X)	0.52	0.25	0.00	0.00	0.65	0.08	0.10	0.00	0.25			
Avail Cap(c_a), veh/h	240	4506	0	0	3197	992	880	0	1566			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.0	2.1	0.0	0.0	6.5	4.5	16.3	0.0	16.5			
Incr Delay (d2), s/veh	4.2	0.0	0.0	0.0	0.3	0.0	0.4	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.4	0.0	0.0	0.0	0.9	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.2	2.1	0.0	0.0	6.9	4.6	16.7	0.0	17.2			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		945			1763			62				
Approach Delay, s/veh		3.2			6.8			17.1				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.9		30.2			6.6	23.6				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.4			3.1	11.0				
Green Ext Time (p_c), s		0.1		5.8			0.0	8.1				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.8									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	829	0	358	0	622	0	0	2203	0
Future Volume (veh/h)	0	0	0	829	0	358	0	622	0	0	2203	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				970	0	246	0	641	0	0	2271	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1138	0	506	0	3229		0	2938	
Arrive On Green				0.32	0.00	0.32	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				970	0	246	0	641	0	0	2271	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				21.8	0.0	10.7	0.0	4.7	0.0	0.0	29.1	0.0
Cycle Q Clear(g_c), s				21.8	0.0	10.7	0.0	4.7	0.0	0.0	29.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1138	0	506	0	3229		0	2938	
V/C Ratio(X)				0.85	0.00	0.49	0.00	0.20		0.00	0.77	
Avail Cap(c_a), veh/h				1376	0	612	0	3229		0	3316	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.2	0.0	23.4	0.0	8.7	0.0	0.0	13.9	0.0
Incr Delay (d2), s/veh				4.6	0.0	0.7	0.0	0.0	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.6	0.0	4.0	0.0	1.5	0.0	0.0	9.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				31.8	0.0	24.2	0.0	8.7	0.0	0.0	14.9	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1216			641			2271	
Approach Delay, s/veh					30.3			8.7			14.9	
Approach LOS					C			A			B	

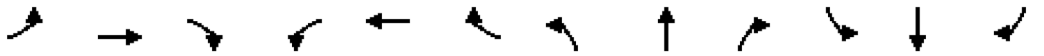
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	53.7	31.8	53.7
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	31.1	23.8	6.7
Green Ext Time (p_c), s	18.1	3.5	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.5
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1416	0	156	0	1071	0	0	1725	0
Future Volume (veh/h)	0	0	0	1416	0	156	0	1071	0	0	1725	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1460	0	161	0	1104	0	0	1778	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1575	0	722	0	2001		0	2001	
Arrive On Green				0.46	0.00	0.46	0.00	0.39	0.00	0.00	0.39	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1460	0	161	0	1104	0	0	1778	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				23.5	0.0	3.6	0.0	9.9	0.0	0.0	19.2	0.0
Cycle Q Clear(g_c), s				23.5	0.0	3.6	0.0	9.9	0.0	0.0	19.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1575	0	722	0	2001		0	2001	
V/C Ratio(X)				0.93	0.00	0.22	0.00	0.55		0.00	0.89	
Avail Cap(c_a), veh/h				1610	0	738	0	2033		0	2033	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				15.1	0.0	9.7	0.0	13.9	0.0	0.0	16.7	0.0
Incr Delay (d2), s/veh				9.6	0.0	0.2	0.0	0.3	0.0	0.0	5.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.7	0.0	1.1	0.0	3.0	0.0	0.0	6.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				24.8	0.0	9.9	0.0	14.2	0.0	0.0	22.0	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1621			1104			1778	
Approach Delay, s/veh					23.3			14.2			22.0	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.6		27.6	31.4
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	11.9		21.2	25.5
Green Ext Time (p_c), s	5.2		2.0	1.4

Intersection Summary	
HCM 7th Control Delay, s/veh	20.5
HCM 7th LOS	C

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	211	0	130	0	0	0	0	1274	0	0	2748	0
Future Volume (veh/h)	211	0	130	0	0	0	0	1274	0	0	2748	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	215	0	133				0	1300	0	0	2804	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	465	0	213				0	3543		0	3543	
Arrive On Green	0.13	0.00	0.13				0.00	0.69	0.00	0.00	0.69	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	215	0	133				0	1300	0	0	2804	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.0	0.0	4.2				0.0	5.5	0.0	0.0	19.6	0.0
Cycle Q Clear(g_c), s	3.0	0.0	4.2				0.0	5.5	0.0	0.0	19.6	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	465	0	213				0	3543		0	3543	
V/C Ratio(X)	0.46	0.00	0.62				0.00	0.37		0.00	0.79	
Avail Cap(c_a), veh/h	1186	0	544				0	3699		0	3699	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	20.9	0.0	21.4				0.0	3.3	0.0	0.0	5.5	0.0
Incr Delay (d2), s/veh	0.7	0.0	3.0				0.0	0.1	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	1.6				0.0	0.4	0.0	0.0	1.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.7	0.0	24.4				0.0	3.4	0.0	0.0	6.6	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		348						1300			2804	
Approach Delay, s/veh		22.7						3.4			6.6	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.9		11.6		40.9						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		7.5		6.2		21.6						
Green Ext Time (p_c), s		10.0		0.9		14.8						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.9
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

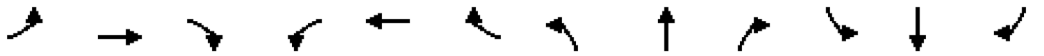
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	826	404	2133	0	0	1437
Future Volume (veh/h)	826	404	2133	0	0	1437
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	843	412	2177	0	0	1466
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1115	496	2631		0	2631
Arrive On Green	0.31	0.31	0.52	0.00	0.00	0.52
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	843	412	2177	0	0	1466
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	11.2	12.6	18.9	0.0	0.0	10.2
Cycle Q Clear(g_c), s	11.2	12.6	18.9	0.0	0.0	10.2
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1115	496	2631		0	2631
V/C Ratio(X)	0.76	0.83	0.83		0.00	0.56
Avail Cap(c_a), veh/h	1225	545	2731		0	2731
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.2	16.7	10.7	0.0	0.0	8.6
Incr Delay (d2), s/veh	2.5	9.8	2.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.3	5.3	4.6	0.0	0.0	2.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	18.7	26.5	12.9	0.0	0.0	8.9
LnGrp LOS	B	C	B			A
Approach Vol, veh/h	1255		2177			1466
Approach Delay, s/veh	21.2		12.9			8.9
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.5			31.5	20.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	20.9			12.2	14.6
Green Ext Time (p_c), s	6.1			8.4	1.7

Intersection Summary	
HCM 7th Control Delay, s/veh	13.8
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



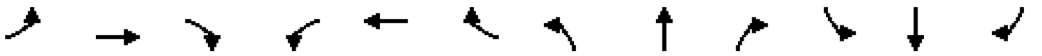
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	94	83	10	61	8	27	5	14	163	548	1332
Future Volume (veh/h)	110	94	83	10	61	8	27	5	14	163	548	1332
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	112	96	85	10	62	8	28	5	14	166	559	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	146	625	279	23	380	169	113	589	526	327	736	
Arrive On Green	0.08	0.18	0.18	0.01	0.11	0.11	0.03	0.33	0.33	0.09	0.39	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	112	96	85	10	62	8	28	5	14	166	559	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.9	1.1	2.2	0.3	0.7	0.2	0.4	0.1	0.3	2.1	12.1	0.0
Cycle Q Clear(g_c), s	2.9	1.1	2.2	0.3	0.7	0.2	0.4	0.1	0.3	2.1	12.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	146	625	279	23	380	169	113	589	526	327	736	
V/C Ratio(X)	0.77	0.15	0.30	0.43	0.16	0.05	0.25	0.01	0.03	0.51	0.76	
Avail Cap(c_a), veh/h	381	1725	769	202	1368	610	369	3355	2993	1160	3959	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.0	16.3	16.8	22.9	19.0	18.7	22.1	10.5	10.5	20.1	12.3	0.0
Incr Delay (d2), s/veh	8.1	0.1	0.6	12.1	0.2	0.1	1.1	0.0	0.0	1.2	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.4	0.7	0.2	0.3	0.1	0.2	0.0	0.1	0.8	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	29.2	16.4	17.4	35.0	19.2	18.9	23.2	10.5	10.6	21.4	13.9	0.0
LnGrp LOS	C	B	B	D	B	B	C	B	B	C	B	
Approach Vol, veh/h		293			80			47			725	
Approach Delay, s/veh		21.6			21.1			18.1			15.6	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	20.0	5.1	12.7	6.0	22.9	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.1	2.3	2.3	4.2	2.4	14.1	4.9	2.7
Green Ext Time (p_c), s	0.4	0.1	0.0	0.7	0.0	4.3	0.1	0.2

Intersection Summary	
HCM 7th Control Delay, s/veh	17.6
HCM 7th LOS	B

Notes

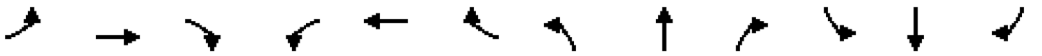
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	122	882	1113	291	0	0	0	0	565	0	1068
Future Volume (veh/h)	0	122	882	1113	291	0	0	0	0	565	0	1068
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	133	959	1210	316	0				614	0	1161
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	133	959	1210	316	0				614	0	1161
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	3.4	42.5	38.5	4.3	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	3.4	42.5	38.5	4.3	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.11	1.85	1.18	0.14	0.00				1.26	0.00	1.52
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	30.6	43.8	45.8	8.4	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.0	390.2	92.2	0.0	0.0				133.7	0.0	242.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.4	71.9	28.8	1.5	0.0				33.7	0.0	37.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	30.6	434.0	137.9	8.4	0.0				181.0	0.0	289.7
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1092			1526						1775	
Approach Delay, s/veh		384.8			111.1						252.1	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		6.3
Green Ext Time (p_c), s	0.0	0.0		0.0		1.9

Intersection Summary		
HCM 7th Control Delay, s/veh		236.1
HCM 7th LOS		F



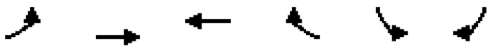
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	635	31	118	1069	0	445	0	994	0	0	0
Future Volume (veh/h)	0	635	31	118	1069	0	445	0	994	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	690	0	128	1162	0	484	0	1080			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	968		165	1614	0	1269	0	1024			
Arrive On Green	0.00	0.27	0.00	0.09	0.45	0.00	0.37	0.00	0.37			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	690	0	128	1162	0	484	0	1080			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	8.8	0.0	3.5	13.4	0.0	5.2	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	8.8	0.0	3.5	13.4	0.0	5.2	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	968		165	1614	0	1269	0	1024			
V/C Ratio(X)	0.00	0.71		0.78	0.72	0.00	0.38	0.00	1.05			
Avail Cap(c_a), veh/h	0	1446		265	2293	0	1269	0	1024			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	16.6	0.0	22.4	11.2	0.0	11.7	0.0	15.9			
Incr Delay (d2), s/veh	0.0	1.0	0.0	7.7	0.6	0.0	0.2	0.0	43.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	2.9	0.0	1.6	3.5	0.0	1.7	0.0	11.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	17.5	0.0	30.0	11.8	0.0	11.9	0.0	59.5			
LnGrp LOS		B		C	B		B		F			
Approach Vol, veh/h		690			1290			1564				
Approach Delay, s/veh		17.5			13.6			44.8				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	9.2	18.2				27.4		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	5.5	10.8				15.4		20.5				
Green Ext Time (p_c), s	0.1	2.9				7.0		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			28.1									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



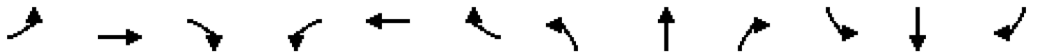
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1127	605	183	91	176	659
Future Volume (veh/h)	1127	605	183	91	176	659
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1225	658	199	99	436	454
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1332	1024	275	131	647	576
Arrive On Green	0.39	0.55	0.12	0.12	0.36	0.36
Sat Flow, veh/h	3456	1870	2426	1115	1781	1585
Grp Volume(v), veh/h	1225	658	150	148	436	454
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1670	1781	1585
Q Serve(g_s), s	30.4	22.1	7.3	7.7	18.6	23.0
Cycle Q Clear(g_c), s	30.4	22.1	7.3	7.7	18.6	23.0
Prop In Lane	1.00			0.67	1.00	1.00
Lane Grp Cap(c), veh/h	1332	1024	209	197	647	576
V/C Ratio(X)	0.92	0.64	0.72	0.75	0.67	0.79
Avail Cap(c_a), veh/h	1421	1185	316	297	647	576
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.3	14.2	38.2	38.4	24.1	25.5
Incr Delay (d2), s/veh	9.6	1.0	4.5	5.8	5.5	10.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.6	8.8	3.4	3.4	8.6	20.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	35.9	15.2	42.7	44.2	29.7	36.0
LnGrp LOS	D	B	D	D	C	D
Approach Vol, veh/h		1883	298		890	
Approach Delay, s/veh		28.7	43.5		32.9	
Approach LOS		C	D		C	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	53.3	36.7	38.7	14.6
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	57.0	25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s	24.1	25.0	32.4	9.7
Green Ext Time (p_c), s	5.2	0.0	2.3	0.9

Intersection Summary	
HCM 7th Control Delay, s/veh	31.3
HCM 7th LOS	C

Notes

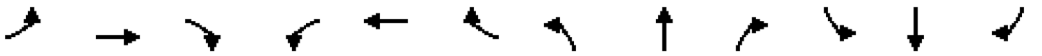
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1385	39	111	2088	0	0	0	0	46	0	66
Future Volume (veh/h)	0	1385	39	111	2088	0	0	0	0	46	0	66
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1473	41	118	2221	0				49	0	70
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2419	67	318	3470	0				319	0	146
Arrive On Green	0.00	0.47	0.47	0.09	0.68	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5275	142	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	982	532	118	2221	0				49	0	70
Grp Sat Flow(s),veh/h/ln	0	1702	1845	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.4	8.4	1.3	9.7	0.0				0.5	0.0	1.7
Cycle Q Clear(g_c), s	0.0	8.4	8.4	1.3	9.7	0.0				0.5	0.0	1.7
Prop In Lane	0.00		0.08	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1613	874	318	3470	0				319	0	146
V/C Ratio(X)	0.00	0.61	0.61	0.37	0.64	0.00				0.15	0.00	0.48
Avail Cap(c_a), veh/h	0	1975	1070	447	4204	0				1620	0	743
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.7	7.7	16.8	3.6	0.0				16.5	0.0	17.0
Incr Delay (d2), s/veh	0.0	0.4	0.7	0.7	0.2	0.0				0.2	0.0	2.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.1	8.4	17.6	3.8	0.0				16.7	0.0	19.4
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1514			2339						119	
Approach Delay, s/veh		8.2			4.5						18.3	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.1	23.2		8.1		31.3					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.3	10.4		3.7		11.7					
Green Ext Time (p_c), s		0.0	7.0		0.4		15.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.3
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	89	1186	0	0	1906	58	207	1	343	0	0	0
Future Volume (veh/h)	89	1186	0	0	1906	58	207	1	343	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	95	1262	0	0	2028	62	147	0	444			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	125	3247	0	0	2467	766	354	0	630			
Arrive On Green	0.07	0.64	0.00	0.00	0.48	0.48	0.20	0.00	0.20			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	95	1262	0	0	2028	62	147	0	444			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.9	6.5	0.0	0.0	18.5	1.1	3.9	0.0	7.1			
Cycle Q Clear(g_c), s	2.9	6.5	0.0	0.0	18.5	1.1	3.9	0.0	7.1			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	125	3247	0	0	2467	766	354	0	630			
V/C Ratio(X)	0.76	0.39	0.00	0.00	0.82	0.08	0.42	0.00	0.70			
Avail Cap(c_a), veh/h	164	3472	0	0	2581	801	622	0	1107			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	24.9	4.8	0.0	0.0	12.1	7.6	19.0	0.0	20.3			
Incr Delay (d2), s/veh	14.0	0.1	0.0	0.0	2.2	0.0	0.8	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.5	0.9	0.0	0.0	4.8	0.3	1.6	0.0	2.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.8	4.9	0.0	0.0	14.2	7.6	19.8	0.0	21.8			
LnGrp LOS	D	A			B	A	B		C			
Approach Vol, veh/h		1357			2090			591				
Approach Delay, s/veh		7.2			14.0			21.3				
Approach LOS		A			B			C				
Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.3		39.1			8.3	30.8				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		9.1		8.5			4.9	20.5				
Green Ext Time (p_c), s		1.7		9.1			0.0	5.8				

Intersection Summary	
HCM 7th Control Delay, s/veh	12.8
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	672	0	831	0	2250	0	0	1207	0
Future Volume (veh/h)	0	0	0	672	0	831	0	2250	0	0	1207	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				995	0	550	0	2344	0	0	1257	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1350	0	601	0	2995		0	2726	
Arrive On Green				0.38	0.00	0.38	0.00	0.53	0.00	0.00	0.53	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				995	0	550	0	2344	0	0	1257	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				24.9	0.0	34.1	0.0	34.6	0.0	0.0	15.7	0.0
Cycle Q Clear(g_c), s				24.9	0.0	34.1	0.0	34.6	0.0	0.0	15.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1350	0	601	0	2995		0	2726	
V/C Ratio(X)				0.74	0.00	0.92	0.00	0.78		0.00	0.46	
Avail Cap(c_a), veh/h				1431	0	637	0	3340		0	2726	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.6	0.0	30.5	0.0	19.3	0.0	0.0	14.9	0.0
Incr Delay (d2), s/veh				1.9	0.0	17.5	0.0	1.1	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				10.7	0.0	15.5	0.0	13.2	0.0	0.0	5.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				29.6	0.0	48.0	0.0	20.4	0.0	0.0	15.0	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1545			2344			1257	
Approach Delay, s/veh					36.1			20.4			15.0	
Approach LOS					D			C			B	

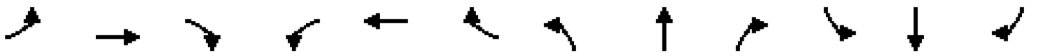
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	59.7	43.7	59.7
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	17.7	36.1	36.6
Green Ext Time (p_c), s	7.4	3.1	18.6

Intersection Summary	
HCM 7th Control Delay, s/veh	23.8
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

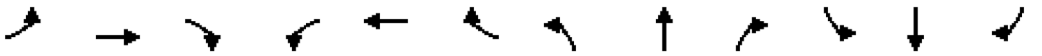


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	973	0	414	0	1736	0	0	1450	0
Future Volume (veh/h)	0	0	0	973	0	414	0	1736	0	0	1450	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				983	0	418	0	1754	0	0	1465	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1254	0	575	0	2247		0	2247	
Arrive On Green				0.36	0.00	0.36	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				983	0	418	0	1754	0	0	1465	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.6	0.0	10.4	0.0	13.4	0.0	0.0	10.3	0.0
Cycle Q Clear(g_c), s				11.6	0.0	10.4	0.0	13.4	0.0	0.0	10.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1254	0	575	0	2247		0	2247	
V/C Ratio(X)				0.78	0.00	0.73	0.00	0.78		0.00	0.65	
Avail Cap(c_a), veh/h				1475	0	677	0	2403		0	2403	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				13.0	0.0	12.6	0.0	10.9	0.0	0.0	10.0	0.0
Incr Delay (d2), s/veh				2.4	0.0	3.2	0.0	1.6	0.0	0.0	0.6	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.0	0.0	3.5	0.0	3.3	0.0	0.0	2.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.4	0.0	15.8	0.0	12.5	0.0	0.0	10.6	0.0
LnGrp LOS				B		B		B			B	
Approach Vol, veh/h					1401			1754			1465	
Approach Delay, s/veh					15.5			12.5			10.6	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8		
Phs Duration (G+Y+Rc), s	24.6			24.6		21.1		
Change Period (Y+Rc), s	4.5			4.5		4.5		
Max Green Setting (Gmax), s	21.5			21.5		19.5		
Max Q Clear Time (g_c+I1), s	15.4			12.3		13.6		
Green Ext Time (p_c), s	4.7			5.8		3.0		

Intersection Summary		
HCM 7th Control Delay, s/veh	12.8	
HCM 7th LOS	B	

Notes
Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	261	0	107	0	0	0	0	1630	0	0	2167	0
Future Volume (veh/h)	261	0	107	0	0	0	0	1630	0	0	2167	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	275	0	113				0	1716	0	0	2281	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	495	0	227				0	3333		0	3333	
Arrive On Green	0.14	0.00	0.14				0.00	0.65	0.00	0.00	0.65	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	275	0	113				0	1716	0	0	2281	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.3	0.0	2.9				0.0	7.8	0.0	0.0	12.4	0.0
Cycle Q Clear(g_c), s	3.3	0.0	2.9				0.0	7.8	0.0	0.0	12.4	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	495	0	227				0	3333		0	3333	
V/C Ratio(X)	0.56	0.00	0.50				0.00	0.51		0.00	0.68	
Avail Cap(c_a), veh/h	1410	0	647				0	3818		0	3818	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.6	0.0	17.4				0.0	4.0	0.0	0.0	4.8	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.7				0.0	0.1	0.0	0.0	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	1.0				0.0	0.5	0.0	0.0	0.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.6	0.0	19.1				0.0	4.1	0.0	0.0	5.2	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		388						1716			2281	
Approach Delay, s/veh		18.7						4.1			5.2	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		33.3		10.8		33.3						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		9.8		5.3		14.4						
Green Ext Time (p_c), s		12.6		1.1		14.4						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.0
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

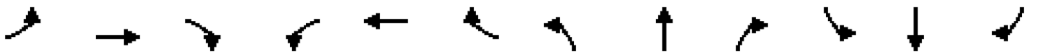
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	142	200	1509	0	0	1607
Future Volume (veh/h)	142	200	1509	0	0	1607
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	124	250	1640	0	0	1747
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	289	513	2876		0	2876
Arrive On Green	0.16	0.16	0.56	0.00	0.00	0.56
Sat Flow, veh/h	1781	3170	5274	1585	0	5443
Grp Volume(v), veh/h	124	250	1640	0	0	1747
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.1	2.3	6.8	0.0	0.0	7.4
Cycle Q Clear(g_c), s	2.1	2.3	6.8	0.0	0.0	7.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	289	513	2876		0	2876
V/C Ratio(X)	0.43	0.49	0.57		0.00	0.61
Avail Cap(c_a), veh/h	979	1743	3587		0	3587
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	12.4	12.5	4.6	0.0	0.0	4.7
Incr Delay (d2), s/veh	1.0	0.7	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	13.4	13.2	4.8	0.0	0.0	5.0
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	374		1640			1747
Approach Delay, s/veh	13.3		4.8			5.0
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	22.9			22.9	9.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	8.8			9.4	4.3
Green Ext Time (p_c), s	8.8			9.0	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	5.7
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



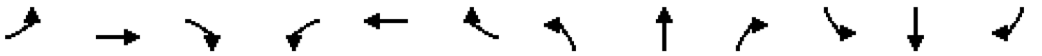
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	464	179	75	37	247	94	112	84	35	310	344	528
Future Volume (veh/h)	464	179	75	37	247	94	112	84	35	310	344	528
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	494	190	80	39	263	100	119	89	37	330	366	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	544	1383	617	68	434	193	229	442	175	440	447	
Arrive On Green	0.31	0.39	0.39	0.04	0.12	0.12	0.07	0.18	0.18	0.13	0.24	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2489	982	3456	1870	1585
Grp Volume(v), veh/h	494	190	80	39	263	100	119	62	64	330	366	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1694	1728	1870	1585
Q Serve(g_s), s	17.9	2.3	2.2	1.4	4.7	4.0	2.2	2.0	2.2	6.2	12.5	0.0
Cycle Q Clear(g_c), s	17.9	2.3	2.2	1.4	4.7	4.0	2.2	2.0	2.2	6.2	12.5	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.58	1.00		1.00
Lane Grp Cap(c), veh/h	544	1383	617	68	434	193	229	316	301	440	447	
V/C Ratio(X)	0.91	0.14	0.13	0.57	0.61	0.52	0.52	0.20	0.21	0.75	0.82	
Avail Cap(c_a), veh/h	621	1852	826	169	950	424	262	499	475	595	705	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	22.5	13.3	13.2	31.8	28.0	27.7	30.4	23.6	23.7	28.3	24.3	0.0
Incr Delay (d2), s/veh	15.9	0.0	0.1	7.2	1.4	2.1	1.8	0.3	0.3	3.6	4.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.3	0.9	0.7	0.7	2.0	1.6	1.0	0.8	0.9	2.7	5.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.4	13.3	13.3	39.1	29.4	29.8	32.2	23.9	24.0	31.9	28.5	0.0
LnGrp LOS	D	B	B	D	C	C	C	C	C	C	C	
Approach Vol, veh/h		764			402			245			696	
Approach Delay, s/veh		29.5			30.5			28.0			30.1	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.1	16.5	7.1	30.7	9.0	20.6	25.1	12.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	8.2	4.2	3.4	4.3	4.2	14.5	19.9	6.7
Green Ext Time (p_c), s	0.4	0.5	0.0	1.5	0.0	1.6	0.6	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	29.7
HCM 7th LOS	C

Notes

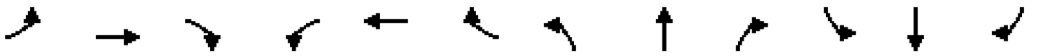
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	758	470	819	770	0	0	0	0	184	0	108
Future Volume (veh/h)	0	758	470	819	770	0	0	0	0	184	0	108
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	824	511	890	837	0				200	0	117
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1143	510	1027	2470	0				272	0	426
Arrive On Green	0.00	0.32	0.32	0.30	0.70	0.00				0.15	0.00	0.15
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	824	511	890	837	0				200	0	117
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.1	19.0	14.4	5.6	0.0				6.3	0.0	2.2
Cycle Q Clear(g_c), s	0.0	12.1	19.0	14.4	5.6	0.0				6.3	0.0	2.2
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1143	510	1027	2470	0				272	0	426
V/C Ratio(X)	0.00	0.72	1.00	0.87	0.34	0.00				0.74	0.00	0.27
Avail Cap(c_a), veh/h	0	1143	510	1141	2587	0				543	0	850
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	17.7	20.0	19.6	3.6	0.0				23.9	0.0	22.1
Incr Delay (d2), s/veh	0.0	2.2	40.4	6.7	0.1	0.0				3.9	0.0	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.3	11.2	5.6	0.7	0.0				2.8	0.0	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.9	60.5	26.4	3.7	0.0				27.8	0.0	22.5
LnGrp LOS		B	F	C	A					C		C
Approach Vol, veh/h		1335			1727						317	
Approach Delay, s/veh		35.5			15.4						25.8	
Approach LOS		D			B						C	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	22.1	23.5		13.5		45.6
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0
Max Q Clear Time (g_c+I1), s	16.4	21.0		8.3		7.6
Green Ext Time (p_c), s	1.2	0.0		0.7		5.8

Intersection Summary		
HCM 7th Control Delay, s/veh		24.3
HCM 7th LOS		C



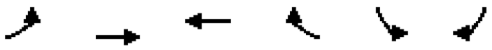
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	530	395	586	714	0	868	0	956	0	0	0
Future Volume (veh/h)	0	530	395	586	714	0	868	0	956	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	576	0	637	776	0	943	0	1039			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	684		668	2203	0	954	0	770			
Arrive On Green	0.00	0.19	0.00	0.38	0.62	0.00	0.28	0.00	0.28			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	576	0	637	776	0	943	0	1039			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	13.5	0.0	30.1	9.2	0.0	23.5	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	13.5	0.0	30.1	9.2	0.0	23.5	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	684		668	2203	0	954	0	770			
V/C Ratio(X)	0.00	0.84		0.95	0.35	0.00	0.99	0.00	1.35			
Avail Cap(c_a), veh/h	0	784		690	2345	0	954	0	770			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	33.7	0.0	26.3	8.0	0.0	31.2	0.0	31.3			
Incr Delay (d2), s/veh	0.0	7.4	0.0	23.0	0.1	0.0	26.1	0.0	165.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	6.1	0.0	15.4	2.7	0.0	12.9	0.0	25.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	41.1	0.0	49.3	8.1	0.0	57.3	0.0	196.8			
LnGrp LOS		D		D	A		E		F			
Approach Vol, veh/h		576			1413			1982				
Approach Delay, s/veh		41.1			26.7			130.4				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	37.0	21.2				58.1		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	32.1	15.5				11.2		25.9				
Green Ext Time (p_c), s	0.4	1.1				5.4		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			80.5									
HCM 7th LOS			F									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1406	113	839	24	1	453
Future Volume (veh/h)	1406	113	839	24	1	453
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1528	123	912	26	0	493
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1459	1351	902	26	336	599
Arrive On Green	0.42	0.72	0.26	0.26	0.00	0.19
Sat Flow, veh/h	3456	1870	3622	101	1781	3170
Grp Volume(v), veh/h	1528	123	459	479	0	493
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	38.0	1.8	23.0	23.0	0.0	13.4
Cycle Q Clear(g_c), s	38.0	1.8	23.0	23.0	0.0	13.4
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1459	1351	454	473	336	599
V/C Ratio(X)	1.05	0.09	1.01	1.01	0.00	0.82
Avail Cap(c_a), veh/h	1459	1351	454	473	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.0	3.7	33.5	33.5	0.0	35.1
Incr Delay (d2), s/veh	37.0	0.0	45.1	44.2	0.0	12.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	22.1	0.5	15.3	15.8	0.0	12.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	63.0	3.7	78.6	77.7	0.0	47.2
LnGrp LOS	F	A	F	F		D
Approach Vol, veh/h		1651	938		493	
Approach Delay, s/veh		58.6	78.2		47.2	
Approach LOS		E	E		D	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	69.0	21.0	42.0	27.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	65.0	17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s	3.8	15.4	40.0	25.0
Green Ext Time (p_c), s	0.7	0.4	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	62.7
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	58	6	177	216	24	18
Future Vol, veh/h	58	6	177	216	24	18
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	63	7	192	235	26	20
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.6	8.8	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	57%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	43%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	58	3	3	177	216	42
LT Vol	58	0	0	0	0	24
Through Vol	0	3	3	177	0	0
RT Vol	0	0	0	0	216	18
Lane Flow Rate	63	3	3	192	235	46
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.096	0.005	0.003	0.258	0.27	0.07
Departure Headway (Hd)	5.502	4.999	3.2	4.834	4.133	5.559
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	653	718	1100	746	873	645
Service Time	3.218	2.716	0.974	2.545	1.844	3.285
HCM Lane V/C Ratio	0.096	0.004	0.003	0.257	0.269	0.071
HCM Control Delay, s/veh	8.8	7.7	6	9.2	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	1	1.1	0.2

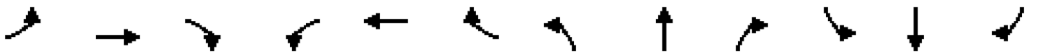
Intersection	
Intersection Delay, s/veh	13.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	74	102	69	14	308	45
Future Vol, veh/h	74	102	69	14	308	45
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	80	111	75	15	335	49
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.9	9.6	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	87%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	13%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	74	51	51	69	14	353
LT Vol	74	0	0	0	0	308
Through Vol	0	51	51	69	0	0
RT Vol	0	0	0	0	14	45
Lane Flow Rate	80	55	55	75	15	384
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.141	0.089	0.062	0.129	0.023	0.594
Departure Headway (Hd)	6.306	5.799	4.04	6.199	5.486	5.577
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	565	614	877	573	645	645
Service Time	4.076	3.569	1.809	3.997	3.283	3.348
HCM Lane V/C Ratio	0.142	0.09	0.063	0.131	0.023	0.595
HCM Control Delay, s/veh	10.1	9.1	7.1	9.9	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.3	0.2	0.4	0.1	3.9

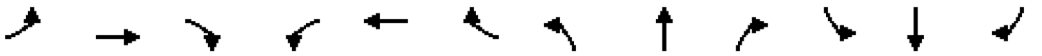
HCM Worksheet
Long Range Approved Plus Project



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	957	103	407	1593	0	0	0	0	35	0	193
Future Volume (veh/h)	0	957	103	407	1593	0	0	0	0	35	0	193
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1040	112	442	1732	0				38	0	210
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1534	165	611	3105	0				637	0	292
Arrive On Green	0.00	0.33	0.33	0.18	0.61	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4849	503	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	756	396	442	1732	0				38	0	210
Grp Sat Flow(s),veh/h/ln	0	1702	1780	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.3	8.4	5.2	8.7	0.0				0.4	0.0	5.4
Cycle Q Clear(g_c), s	0.0	8.3	8.4	5.2	8.7	0.0				0.4	0.0	5.4
Prop In Lane	0.00		0.28	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1115	583	611	3105	0				637	0	292
V/C Ratio(X)	0.00	0.68	0.68	0.72	0.56	0.00				0.06	0.00	0.72
Avail Cap(c_a), veh/h	0	1412	738	804	3836	0				1465	0	672
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.6	12.6	16.9	5.0	0.0				14.6	0.0	16.6
Incr Delay (d2), s/veh	0.0	0.9	1.8	2.2	0.2	0.0				0.0	0.0	3.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.1	2.4	1.7	0.7	0.0				0.1	0.0	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	13.5	14.4	19.1	5.2	0.0				14.6	0.0	19.9
LnGrp LOS		B	B	B	A					B		B
Approach Vol, veh/h		1152			2174						248	
Approach Delay, s/veh		13.8			8.0						19.1	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.2	18.7		12.5		30.9					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.2	10.4		7.4		10.7					
Green Ext Time (p_c), s		0.5	3.9		1.0		12.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	10.7
HCM 7th LOS	B



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	48	818	0	0	1589	58	14	1	42	0	0	0
Future Volume (veh/h)	48	818	0	0	1589	58	14	1	42	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	52	889	0	0	1727	63	10	0	52			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	99	3548	0	0	2646	821	113	0	201			
Arrive On Green	0.06	0.69	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	52	889	0	0	1727	63	10	0	52			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.1	2.4	0.0	0.0	9.2	0.7	0.2	0.0	0.6			
Cycle Q Clear(g_c), s	1.1	2.4	0.0	0.0	9.2	0.7	0.2	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	99	3548	0	0	2646	821	113	0	201			
V/C Ratio(X)	0.52	0.25	0.00	0.00	0.65	0.08	0.09	0.00	0.26			
Avail Cap(c_a), veh/h	239	4483	0	0	3181	987	875	0	1558			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.1	2.1	0.0	0.0	6.5	4.5	16.4	0.0	16.6			
Incr Delay (d2), s/veh	4.2	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.4	0.0	0.0	0.0	0.9	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.3	2.1	0.0	0.0	6.9	4.5	16.8	0.0	17.3			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		941			1790			62				
Approach Delay, s/veh		3.2			6.8			17.2				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.9		30.4			6.6	23.8				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.4			3.1	11.2				
Green Ext Time (p_c), s		0.1		5.8			0.0	8.1				

Intersection Summary	
HCM 7th Control Delay, s/veh	5.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

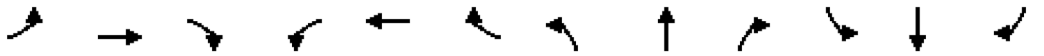
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	830	0	358	0	622	0	0	2238	0
Future Volume (veh/h)	0	0	0	830	0	358	0	622	0	0	2238	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				971	0	246	0	641	0	0	2307	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1135	0	505	0	3239		0	2948	
Arrive On Green				0.32	0.00	0.32	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				971	0	246	0	641	0	0	2307	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				22.1	0.0	10.8	0.0	4.7	0.0	0.0	30.1	0.0
Cycle Q Clear(g_c), s				22.1	0.0	10.8	0.0	4.7	0.0	0.0	30.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1135	0	505	0	3239		0	2948	
V/C Ratio(X)				0.86	0.00	0.49	0.00	0.20		0.00	0.78	
Avail Cap(c_a), veh/h				1361	0	606	0	3239		0	3281	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.6	0.0	23.7	0.0	8.7	0.0	0.0	14.1	0.0
Incr Delay (d2), s/veh				4.8	0.0	0.7	0.0	0.0	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.7	0.0	4.0	0.0	1.5	0.0	0.0	9.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.4	0.0	24.5	0.0	8.7	0.0	0.0	15.2	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1217			641			2307	
Approach Delay, s/veh					30.8			8.7			15.2	
Approach LOS					C			A			B	

Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	54.4	32.0	54.4
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	32.1	24.1	6.7
Green Ext Time (p_c), s	17.8	3.5	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.8
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1419	0	149	0	1076	0	0	1732	0
Future Volume (veh/h)	0	0	0	1419	0	149	0	1076	0	0	1732	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1463	0	154	0	1109	0	0	1786	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1575	0	722	0	2001		0	2001	
Arrive On Green				0.46	0.00	0.46	0.00	0.39	0.00	0.00	0.39	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1463	0	154	0	1109	0	0	1786	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				23.6	0.0	3.5	0.0	10.0	0.0	0.0	19.3	0.0
Cycle Q Clear(g_c), s				23.6	0.0	3.5	0.0	10.0	0.0	0.0	19.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1575	0	722	0	2001		0	2001	
V/C Ratio(X)				0.93	0.00	0.21	0.00	0.55		0.00	0.89	
Avail Cap(c_a), veh/h				1608	0	738	0	2030		0	2030	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				15.2	0.0	9.7	0.0	14.0	0.0	0.0	16.8	0.0
Incr Delay (d2), s/veh				9.8	0.0	0.1	0.0	0.3	0.0	0.0	5.4	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.8	0.0	1.1	0.0	3.0	0.0	0.0	6.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				25.0	0.0	9.8	0.0	14.3	0.0	0.0	22.2	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1617			1109			1786	
Approach Delay, s/veh					23.5			14.3			22.2	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.7		27.7	31.4
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	12.0		21.3	25.6
Green Ext Time (p_c), s	5.2		1.8	1.3

Intersection Summary	
HCM 7th Control Delay, s/veh	20.8
HCM 7th LOS	C

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	214	0	127	0	0	0	0	1274	0	0	2758	0
Future Volume (veh/h)	214	0	127	0	0	0	0	1274	0	0	2758	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	218	0	130				0	1300	0	0	2814	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	459	0	211				0	3550		0	3550	
Arrive On Green	0.13	0.00	0.13				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	218	0	130				0	1300	0	0	2814	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.1	0.0	4.1				0.0	5.5	0.0	0.0	19.6	0.0
Cycle Q Clear(g_c), s	3.1	0.0	4.1				0.0	5.5	0.0	0.0	19.6	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	459	0	211				0	3550		0	3550	
V/C Ratio(X)	0.47	0.00	0.62				0.00	0.37		0.00	0.79	
Avail Cap(c_a), veh/h	1187	0	545				0	3704		0	3704	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.0	0.0	21.5				0.0	3.3	0.0	0.0	5.4	0.0
Incr Delay (d2), s/veh	0.8	0.0	2.9				0.0	0.1	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	1.6				0.0	0.4	0.0	0.0	1.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.8	0.0	24.4				0.0	3.3	0.0	0.0	6.6	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		348						1300			2814	
Approach Delay, s/veh		22.8						3.3			6.6	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.9		11.5		40.9						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		7.5		6.1		21.6						
Green Ext Time (p_c), s		10.0		0.9		14.8						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.9
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

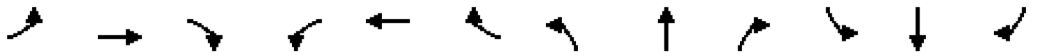
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	812	402	2129	0	0	1425
Future Volume (veh/h)	812	402	2129	0	0	1425
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	829	410	2172	0	0	1454
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1112	495	2633		0	2633
Arrive On Green	0.31	0.31	0.52	0.00	0.00	0.52
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	829	410	2172	0	0	1454
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	10.9	12.5	18.7	0.0	0.0	10.1
Cycle Q Clear(g_c), s	10.9	12.5	18.7	0.0	0.0	10.1
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1112	495	2633		0	2633
V/C Ratio(X)	0.75	0.83	0.82		0.00	0.55
Avail Cap(c_a), veh/h	1227	546	2736		0	2736
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.1	16.7	10.7	0.0	0.0	8.6
Incr Delay (d2), s/veh	2.3	9.6	2.1	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.2	5.2	4.6	0.0	0.0	2.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	18.4	26.2	12.8	0.0	0.0	8.8
LnGrp LOS	B	C	B			A
Approach Vol, veh/h	1239		2172			1454
Approach Delay, s/veh	21.0		12.8			8.8
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.4			31.4	20.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	20.7			12.1	14.5
Green Ext Time (p_c), s	6.2			8.4	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	13.7
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



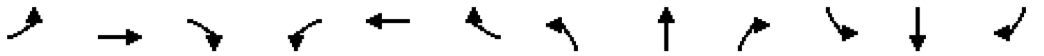
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	94	83	10	61	8	27	5	14	164	551	1327
Future Volume (veh/h)	110	94	83	10	61	8	27	5	14	164	551	1327
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	112	96	85	10	62	8	28	5	14	167	562	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	146	623	278	23	379	169	113	592	528	327	739	
Arrive On Green	0.08	0.18	0.18	0.01	0.11	0.11	0.03	0.33	0.33	0.09	0.40	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	112	96	85	10	62	8	28	5	14	167	562	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.9	1.1	2.2	0.3	0.7	0.2	0.4	0.1	0.3	2.2	12.2	0.0
Cycle Q Clear(g_c), s	2.9	1.1	2.2	0.3	0.7	0.2	0.4	0.1	0.3	2.2	12.2	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	146	623	278	23	379	169	113	592	528	327	739	
V/C Ratio(X)	0.77	0.15	0.31	0.43	0.16	0.05	0.25	0.01	0.03	0.51	0.76	
Avail Cap(c_a), veh/h	380	1720	767	201	1364	608	368	3345	2984	1157	3948	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.1	16.4	16.9	23.0	19.1	18.8	22.1	10.5	10.5	20.2	12.3	0.0
Incr Delay (d2), s/veh	8.2	0.1	0.6	12.1	0.2	0.1	1.1	0.0	0.0	1.2	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.4	0.8	0.2	0.3	0.1	0.2	0.0	0.1	0.8	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	29.3	16.5	17.5	35.1	19.3	18.9	23.3	10.5	10.5	21.4	13.9	0.0
LnGrp LOS	C	B	B	D	B	B	C	B	B	C	B	
Approach Vol, veh/h		293			80			47			729	
Approach Delay, s/veh		21.7			21.2			18.1			15.6	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	20.1	5.1	12.7	6.0	23.0	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.2	2.3	2.3	4.2	2.4	14.2	4.9	2.7
Green Ext Time (p_c), s	0.4	0.1	0.0	0.7	0.0	4.4	0.1	0.2

Intersection Summary	
HCM 7th Control Delay, s/veh	17.7
HCM 7th LOS	B

Notes

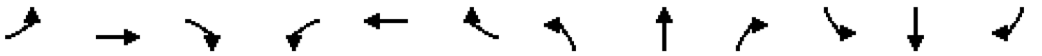
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	120	880	1126	283	0	0	0	0	563	0	1043
Future Volume (veh/h)	0	120	880	1126	283	0	0	0	0	563	0	1043
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	130	957	1224	308	0				612	0	1134
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	130	957	1224	308	0				612	0	1134
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	3.3	42.5	38.5	4.2	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	3.3	42.5	38.5	4.2	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.11	1.85	1.20	0.13	0.00				1.26	0.00	1.49
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	30.6	43.8	45.8	8.3	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.0	388.5	97.9	0.0	0.0				132.0	0.0	226.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.4	71.7	29.6	1.4	0.0				33.5	0.0	36.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	30.6	432.2	143.6	8.4	0.0				179.3	0.0	274.1
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1087			1532						1746	
Approach Delay, s/veh		384.2			116.4						240.9	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		6.2
Green Ext Time (p_c), s	0.0	0.0		0.0		1.9

Intersection Summary		
HCM 7th Control Delay, s/veh		232.9
HCM 7th LOS		F



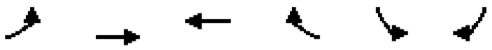
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	632	31	118	1067	0	450	0	1007	0	0	0
Future Volume (veh/h)	0	632	31	118	1067	0	450	0	1007	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	687	0	128	1160	0	489	0	1095			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	965		165	1611	0	1271	0	1026			
Arrive On Green	0.00	0.27	0.00	0.09	0.45	0.00	0.37	0.00	0.37			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	687	0	128	1160	0	489	0	1095			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	8.8	0.0	3.5	13.3	0.0	5.2	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	8.8	0.0	3.5	13.3	0.0	5.2	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	965		165	1611	0	1271	0	1026			
V/C Ratio(X)	0.00	0.71		0.78	0.72	0.00	0.38	0.00	1.07			
Avail Cap(c_a), veh/h	0	1448		266	2295	0	1271	0	1026			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	16.5	0.0	22.3	11.2	0.0	11.7	0.0	15.9			
Incr Delay (d2), s/veh	0.0	1.0	0.0	7.7	0.6	0.0	0.2	0.0	48.0			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	2.9	0.0	1.6	3.4	0.0	1.7	0.0	11.7			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	17.5	0.0	30.0	11.8	0.0	11.9	0.0	63.9			
LnGrp LOS		B		C	B		B		F			
Approach Vol, veh/h		687			1288			1584				
Approach Delay, s/veh		17.5			13.6			47.8				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	9.2	18.2				27.3		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	5.5	10.8				15.3		20.5				
Green Ext Time (p_c), s	0.1	2.9				7.0		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh	29.6	
HCM 7th LOS	C	

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



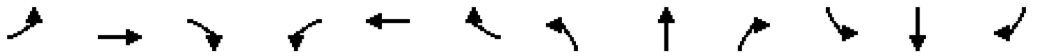
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1147	600	173	91	179	653
Future Volume (veh/h)	1147	600	173	91	179	653
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1247	652	188	99	435	453
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1347	1027	263	132	645	574
Arrive On Green	0.39	0.55	0.11	0.11	0.36	0.36
Sat Flow, veh/h	3456	1870	2381	1153	1781	1585
Grp Volume(v), veh/h	1247	652	144	143	435	453
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1663	1781	1585
Q Serve(g_s), s	31.0	21.7	7.0	7.5	18.6	23.0
Cycle Q Clear(g_c), s	31.0	21.7	7.0	7.5	18.6	23.0
Prop In Lane	1.00			0.69	1.00	1.00
Lane Grp Cap(c), veh/h	1347	1027	204	191	645	574
V/C Ratio(X)	0.93	0.63	0.71	0.75	0.67	0.79
Avail Cap(c_a), veh/h	1421	1185	316	296	645	574
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.2	14.0	38.4	38.6	24.2	25.7
Incr Delay (d2), s/veh	10.3	0.9	4.4	5.8	5.6	10.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	14.0	8.6	3.3	3.3	8.6	20.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	36.5	14.9	42.8	44.3	29.8	36.2
LnGrp LOS	D	B	D	D	C	D
Approach Vol, veh/h		1899	287		888	
Approach Delay, s/veh		29.1	43.6		33.1	
Approach LOS		C	D		C	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	53.4	36.6	39.1	14.3
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	57.0	25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s	23.7	25.0	33.0	9.5
Green Ext Time (p_c), s	5.1	0.0	2.1	0.8

Intersection Summary	
HCM 7th Control Delay, s/veh	31.6
HCM 7th LOS	C

Notes

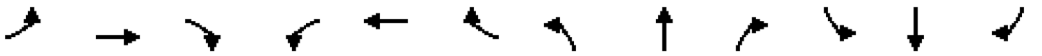
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1385	36	115	2110	0	0	0	0	49	0	63
Future Volume (veh/h)	0	1385	36	115	2110	0	0	0	0	49	0	63
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1473	38	122	2245	0				52	0	67
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2431	63	322	3479	0				318	0	146
Arrive On Green	0.00	0.48	0.48	0.09	0.68	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5287	132	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	980	531	122	2245	0				52	0	67
Grp Sat Flow(s),veh/h/ln	0	1702	1847	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.4	8.4	1.3	9.9	0.0				0.6	0.0	1.6
Cycle Q Clear(g_c), s	0.0	8.4	8.4	1.3	9.9	0.0				0.6	0.0	1.6
Prop In Lane	0.00		0.07	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1617	877	322	3479	0				318	0	146
V/C Ratio(X)	0.00	0.61	0.61	0.38	0.65	0.00				0.16	0.00	0.46
Avail Cap(c_a), veh/h	0	1962	1065	444	4178	0				1609	0	738
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.7	7.7	16.9	3.6	0.0				16.6	0.0	17.1
Incr Delay (d2), s/veh	0.0	0.4	0.7	0.7	0.3	0.0				0.2	0.0	2.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.1	8.4	17.7	3.9	0.0				16.9	0.0	19.3
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1511			2367						119	
Approach Delay, s/veh		8.2			4.6						18.3	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.2	23.4		8.2		31.6					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.3	10.4		3.6		11.9					
Green Ext Time (p_c), s		0.0	7.0		0.4		15.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.3
HCM 7th LOS	A



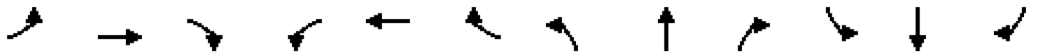
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	89	1185	0	0	1932	58	212	1	345	0	0	0
Future Volume (veh/h)	89	1185	0	0	1932	58	212	1	345	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	95	1261	0	0	2055	62	151	0	448			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	124	3245	0	0	2469	766	356	0	634			
Arrive On Green	0.07	0.64	0.00	0.00	0.48	0.48	0.20	0.00	0.20			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	95	1261	0	0	2055	62	151	0	448			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.9	6.5	0.0	0.0	19.0	1.2	4.1	0.0	7.2			
Cycle Q Clear(g_c), s	2.9	6.5	0.0	0.0	19.0	1.2	4.1	0.0	7.2			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	124	3245	0	0	2469	766	356	0	634			
V/C Ratio(X)	0.76	0.39	0.00	0.00	0.83	0.08	0.42	0.00	0.71			
Avail Cap(c_a), veh/h	163	3454	0	0	2567	797	619	0	1101			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	25.0	4.8	0.0	0.0	12.2	7.6	19.1	0.0	20.4			
Incr Delay (d2), s/veh	14.3	0.1	0.0	0.0	2.4	0.0	0.8	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.5	0.9	0.0	0.0	4.9	0.3	1.6	0.0	2.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	39.3	4.9	0.0	0.0	14.6	7.6	19.9	0.0	21.9			
LnGrp LOS	D	A			B	A	B		C			
Approach Vol, veh/h		1356			2117			599				
Approach Delay, s/veh		7.3			14.4			21.4				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.4		39.3			8.3	31.0				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		9.2		8.5			4.9	21.0				
Green Ext Time (p_c), s		1.7		9.1			0.0	5.4				

Intersection Summary												
HCM 7th Control Delay, s/veh			13.1									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	698	0	808	0	2309	0	0	1177	0
Future Volume (veh/h)	0	0	0	698	0	808	0	2309	0	0	1177	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1007	0	542	0	2405	0	0	1226	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1334	0	594	0	3025		0	2753	
Arrive On Green				0.37	0.00	0.37	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				1007	0	542	0	2405	0	0	1226	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				25.7	0.0	33.9	0.0	36.0	0.0	0.0	15.2	0.0
Cycle Q Clear(g_c), s				25.7	0.0	33.9	0.0	36.0	0.0	0.0	15.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1334	0	594	0	3025		0	2753	
V/C Ratio(X)				0.75	0.00	0.91	0.00	0.80		0.00	0.45	
Avail Cap(c_a), veh/h				1418	0	631	0	3310		0	2753	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.4	0.0	31.0	0.0	19.4	0.0	0.0	14.6	0.0
Incr Delay (d2), s/veh				2.2	0.0	17.2	0.0	1.3	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				11.1	0.0	15.4	0.0	13.8	0.0	0.0	5.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				30.6	0.0	48.2	0.0	20.7	0.0	0.0	14.7	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1549			2405			1226	
Approach Delay, s/veh					36.8			20.7			14.7	
Approach LOS					D			C			B	

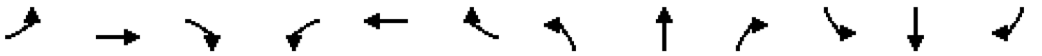
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	60.7	43.5	60.7
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	17.2	35.9	38.0
Green Ext Time (p_c), s	7.3	3.2	18.2

Intersection Summary	
HCM 7th Control Delay, s/veh	24.1
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	967	0	421	0	1768	0	0	1469	0
Future Volume (veh/h)	0	0	0	967	0	421	0	1768	0	0	1469	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				977	0	425	0	1786	0	0	1484	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1249	0	573	0	2258		0	2258	
Arrive On Green				0.36	0.00	0.36	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				977	0	425	0	1786	0	0	1484	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.5	0.0	10.7	0.0	13.7	0.0	0.0	10.5	0.0
Cycle Q Clear(g_c), s				11.5	0.0	10.7	0.0	13.7	0.0	0.0	10.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1249	0	573	0	2258		0	2258	
V/C Ratio(X)				0.78	0.00	0.74	0.00	0.79		0.00	0.66	
Avail Cap(c_a), veh/h				1470	0	674	0	2395		0	2395	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				13.0	0.0	12.8	0.0	11.0	0.0	0.0	10.0	0.0
Incr Delay (d2), s/veh				2.4	0.0	3.7	0.0	1.8	0.0	0.0	0.6	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.0	0.0	3.6	0.0	3.4	0.0	0.0	2.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.4	0.0	16.5	0.0	12.7	0.0	0.0	10.7	0.0
LnGrp LOS				B		B		B			B	
Approach Vol, veh/h					1402			1786			1484	
Approach Delay, s/veh					15.7			12.7			10.7	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	24.8			24.8		21.1						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	15.7			12.5		13.5						
Green Ext Time (p_c), s	4.5			5.8		3.0						

Intersection Summary		
HCM 7th Control Delay, s/veh	13.0	
HCM 7th LOS	B	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	258	0	97	0	0	0	0	1667	0	0	2182	0
Future Volume (veh/h)	258	0	97	0	0	0	0	1667	0	0	2182	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	272	0	102				0	1755	0	0	2297	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	488	0	224				0	3344		0	3344	
Arrive On Green	0.14	0.00	0.14				0.00	0.65	0.00	0.00	0.65	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	272	0	102				0	1755	0	0	2297	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.2	0.0	2.6				0.0	8.0	0.0	0.0	12.5	0.0
Cycle Q Clear(g_c), s	3.2	0.0	2.6				0.0	8.0	0.0	0.0	12.5	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	488	0	224				0	3344		0	3344	
V/C Ratio(X)	0.56	0.00	0.46				0.00	0.52		0.00	0.69	
Avail Cap(c_a), veh/h	1409	0	646				0	3816		0	3816	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.7	0.0	17.4				0.0	4.0	0.0	0.0	4.8	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.4				0.0	0.1	0.0	0.0	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	0.9				0.0	0.4	0.0	0.0	0.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.7	0.0	18.8				0.0	4.1	0.0	0.0	5.2	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		374						1755			2297	
Approach Delay, s/veh		18.7						4.1			5.2	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		33.4		10.7		33.4						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		10.0		5.2		14.5						
Green Ext Time (p_c), s		12.9		1.1		14.5						

Intersection Summary	
HCM 7th Control Delay, s/veh	5.9
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

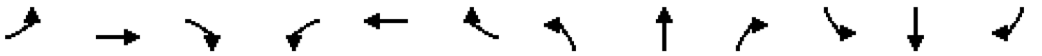
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	141	201	1498	0	0	1602
Future Volume (veh/h)	141	201	1498	0	0	1602
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	124	249	1628	0	0	1741
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	288	513	2874		0	2874
Arrive On Green	0.16	0.16	0.56	0.00	0.00	0.56
Sat Flow, veh/h	1781	3170	5274	1585	0	5443
Grp Volume(v), veh/h	124	249	1628	0	0	1741
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.0	2.3	6.7	0.0	0.0	7.4
Cycle Q Clear(g_c), s	2.0	2.3	6.7	0.0	0.0	7.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	288	513	2874		0	2874
V/C Ratio(X)	0.43	0.49	0.57		0.00	0.61
Avail Cap(c_a), veh/h	981	1747	3595		0	3595
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	12.3	12.5	4.6	0.0	0.0	4.7
Incr Delay (d2), s/veh	1.0	0.7	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	13.4	13.2	4.8	0.0	0.0	4.9
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	373		1628			1741
Approach Delay, s/veh	13.2		4.8			4.9
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	22.9			22.9	9.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	8.7			9.4	4.3
Green Ext Time (p_c), s	8.8			9.0	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	5.7
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



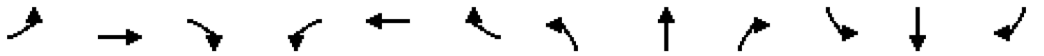
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	465	179	74	37	246	94	112	85	35	312	346	529
Future Volume (veh/h)	465	179	74	37	246	94	112	85	35	312	346	529
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	495	190	79	39	262	100	119	90	37	332	368	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	545	1383	617	68	432	193	228	445	174	442	449	
Arrive On Green	0.31	0.39	0.39	0.04	0.12	0.12	0.07	0.18	0.18	0.13	0.24	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2497	975	3456	1870	1585
Grp Volume(v), veh/h	495	190	79	39	262	100	119	63	64	332	368	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1695	1728	1870	1585
Q Serve(g_s), s	18.0	2.3	2.2	1.5	4.7	4.0	2.2	2.0	2.2	6.3	12.6	0.0
Cycle Q Clear(g_c), s	18.0	2.3	2.2	1.5	4.7	4.0	2.2	2.0	2.2	6.3	12.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.58	1.00		1.00
Lane Grp Cap(c), veh/h	545	1383	617	68	432	193	228	316	302	442	449	
V/C Ratio(X)	0.91	0.14	0.13	0.57	0.61	0.52	0.52	0.20	0.21	0.75	0.82	
Avail Cap(c_a), veh/h	620	1847	824	169	947	422	261	497	474	594	703	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	22.5	13.3	13.3	31.9	28.1	27.8	30.5	23.6	23.7	28.4	24.3	0.0
Incr Delay (d2), s/veh	16.1	0.0	0.1	7.3	1.4	2.2	1.8	0.3	0.3	3.7	4.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.4	0.9	0.7	0.7	2.0	1.6	1.0	0.8	0.9	2.7	5.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.6	13.4	13.4	39.2	29.5	30.0	32.3	23.9	24.1	32.1	28.7	0.0
LnGrp LOS	D	B	B	D	C	C	C	C	C	C	C	
Approach Vol, veh/h		764			401			246			700	
Approach Delay, s/veh		29.7			30.6			28.0			30.3	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.1	16.5	7.1	30.8	9.0	20.7	25.2	12.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	8.3	4.2	3.5	4.3	4.2	14.6	20.0	6.7
Green Ext Time (p_c), s	0.4	0.5	0.0	1.5	0.0	1.6	0.6	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	29.9
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	766	481	826	773	0	0	0	0	177	0	104
Future Volume (veh/h)	0	766	481	826	773	0	0	0	0	177	0	104
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	833	523	898	840	0				192	0	113
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1148	512	1035	2484	0				264	0	413
Arrive On Green	0.00	0.32	0.32	0.30	0.70	0.00				0.15	0.00	0.15
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	833	523	898	840	0				192	0	113
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.2	19.0	14.5	5.5	0.0				6.1	0.0	2.1
Cycle Q Clear(g_c), s	0.0	12.2	19.0	14.5	5.5	0.0				6.1	0.0	2.1
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1148	512	1035	2484	0				264	0	413
V/C Ratio(X)	0.00	0.73	1.02	0.87	0.34	0.00				0.73	0.00	0.27
Avail Cap(c_a), veh/h	0	1148	512	1146	2598	0				545	0	854
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	17.6	19.9	19.5	3.5	0.0				23.9	0.0	22.3
Incr Delay (d2), s/veh	0.0	2.3	45.3	6.8	0.1	0.0				3.8	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.3	12.0	5.6	0.7	0.0				2.7	0.0	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.9	65.2	26.3	3.6	0.0				27.8	0.0	22.6
LnGrp LOS		B	F	C	A					C		C
Approach Vol, veh/h		1356			1738						305	
Approach Delay, s/veh		37.4			15.3						25.9	
Approach LOS		D			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	22.1	23.5		13.2		45.6						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	16.5	21.0		8.1		7.5						
Green Ext Time (p_c), s	1.1	0.0		0.7		5.9						

Intersection Summary												
HCM 7th Control Delay, s/veh			25.1									
HCM 7th LOS			C									

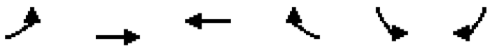
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	519	407	595	701	0	889	0	964	0	0	0
Future Volume (veh/h)	0	519	407	595	701	0	889	0	964	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	564	0	647	762	0	966	0	1048			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	674		676	2207	0	951	0	768			
Arrive On Green	0.00	0.19	0.00	0.38	0.62	0.00	0.28	0.00	0.28			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	564	0	647	762	0	966	0	1048			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	13.3	0.0	30.7	9.0	0.0	23.9	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	13.3	0.0	30.7	9.0	0.0	23.9	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	674		676	2207	0	951	0	768			
V/C Ratio(X)	0.00	0.84		0.96	0.35	0.00	1.02	0.00	1.36			
Avail Cap(c_a), veh/h	0	782		687	2338	0	951	0	768			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	33.9	0.0	26.2	7.9	0.0	31.5	0.0	31.5			
Incr Delay (d2), s/veh	0.0	7.1	0.0	24.0	0.1	0.0	33.0	0.0	172.3			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	5.9	0.0	15.8	2.6	0.0	13.9	0.0	26.1			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	40.9	0.0	50.2	8.0	0.0	64.5	0.0	203.8			
LnGrp LOS		D		D	A		F		F			
Approach Vol, veh/h		564			1409			2014				
Approach Delay, s/veh		40.9			27.4			137.0				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	37.4	21.0				58.4		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	32.7	15.3				11.0		25.9				
Green Ext Time (p_c), s	0.2	1.2				5.3		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			84.7									
HCM 7th LOS			F									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1403	109	837	24	1	454
Future Volume (veh/h)	1403	109	837	24	1	454
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1525	118	910	26	0	494
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1459	1351	902	26	336	599
Arrive On Green	0.42	0.72	0.26	0.26	0.00	0.19
Sat Flow, veh/h	3456	1870	3622	101	1781	3170
Grp Volume(v), veh/h	1525	118	458	478	0	494
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	38.0	1.7	23.0	23.0	0.0	13.5
Cycle Q Clear(g_c), s	38.0	1.7	23.0	23.0	0.0	13.5
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1459	1351	454	473	336	599
V/C Ratio(X)	1.05	0.09	1.01	1.01	0.00	0.82
Avail Cap(c_a), veh/h	1459	1351	454	473	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.0	3.7	33.5	33.5	0.0	35.1
Incr Delay (d2), s/veh	36.3	0.0	44.6	43.7	0.0	12.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	21.9	0.5	15.2	15.7	0.0	12.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	62.3	3.7	78.1	77.2	0.0	47.3
LnGrp LOS	F	A	F	F		D
Approach Vol, veh/h		1643	936		494	
Approach Delay, s/veh		58.1	77.6		47.3	
Approach LOS		E	E		D	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	69.0	21.0	42.0	27.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	65.0	17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s	3.7	15.5	40.0	25.0
Green Ext Time (p_c), s	0.7	0.4	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	62.3
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	58	6	178	216	24	18
Future Vol, veh/h	58	6	178	216	24	18
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	63	7	193	235	26	20
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.6	8.8	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	57%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	43%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	58	3	3	178	216	42
LT Vol	58	0	0	0	0	24
Through Vol	0	3	3	178	0	0
RT Vol	0	0	0	0	216	18
Lane Flow Rate	63	3	3	193	235	46
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.096	0.005	0.003	0.26	0.27	0.071
Departure Headway (Hd)	5.503	5.001	3.2	4.834	4.133	5.562
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	653	717	1098	745	871	645
Service Time	3.222	2.72	0.978	2.547	1.846	3.288
HCM Lane V/C Ratio	0.096	0.004	0.003	0.259	0.27	0.071
HCM Control Delay, s/veh	8.8	7.7	6	9.2	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	1	1.1	0.2

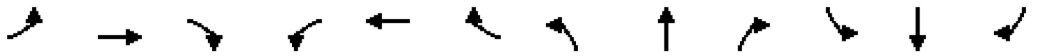
Intersection	
Intersection Delay, s/veh	13.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	74	104	69	13	307	45
Future Vol, veh/h	74	104	69	13	307	45
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	80	113	75	14	334	49
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	9	9.7	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	87%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	13%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	74	52	52	69	13	352
LT Vol	74	0	0	0	0	307
Through Vol	0	52	52	69	0	0
RT Vol	0	0	0	0	13	45
Lane Flow Rate	80	57	57	75	14	383
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.141	0.091	0.063	0.131	0.022	0.593
Departure Headway (Hd)	6.301	5.794	4.035	6.299	5.485	5.579
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	566	614	877	573	645	643
Service Time	4.075	3.567	1.808	3.999	3.285	3.354
HCM Lane V/C Ratio	0.141	0.093	0.065	0.131	0.022	0.596
HCM Control Delay, s/veh	10.1	9.2	7.1	9.9	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.3	0.2	0.4	0.1	3.9

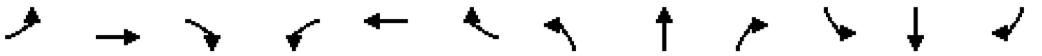
HCM Worksheet
Buildout Approved Baseline



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1113	99	392	1601	0	0	0	0	39	0	188
Future Volume (veh/h)	0	1113	99	392	1601	0	0	0	0	39	0	188
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1210	108	426	1740	0				42	0	204
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1661	148	590	3162	0				620	0	284
Arrive On Green	0.00	0.35	0.35	0.17	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4940	426	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	863	455	426	1740	0				42	0	204
Grp Sat Flow(s),veh/h/ln	0	1702	1794	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	9.9	9.9	5.2	8.8	0.0				0.5	0.0	5.4
Cycle Q Clear(g_c), s	0.0	9.9	9.9	5.2	8.8	0.0				0.5	0.0	5.4
Prop In Lane	0.00		0.24	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1185	624	590	3162	0				620	0	284
V/C Ratio(X)	0.00	0.73	0.73	0.72	0.55	0.00				0.07	0.00	0.72
Avail Cap(c_a), veh/h	0	1370	722	780	3722	0				1422	0	652
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.7	12.7	17.5	4.9	0.0				15.2	0.0	17.3
Incr Delay (d2), s/veh	0.0	1.7	3.2	2.2	0.2	0.0				0.0	0.0	3.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.6	3.0	1.7	0.7	0.0				0.2	0.0	2.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	14.4	15.9	19.8	5.1	0.0				15.3	0.0	20.7
LnGrp LOS		B	B	B	A					B		C
Approach Vol, veh/h		1318			2166						246	
Approach Delay, s/veh		14.9			8.0						19.7	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.1	20.1		12.5		32.2					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.2	11.9		7.4		10.8					
Green Ext Time (p_c), s		0.5	3.7		1.0		12.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	11.2
HCM 7th LOS	B



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	60	939	0	0	1589	47	17	1	38	0	0	0
Future Volume (veh/h)	60	939	0	0	1589	47	17	1	38	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	65	1021	0	0	1727	51	12	0	48			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	117	3570	0	0	2625	815	110	0	196			
Arrive On Green	0.07	0.70	0.00	0.00	0.51	0.51	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	65	1021	0	0	1727	51	12	0	48			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.3	2.8	0.0	0.0	9.4	0.6	0.2	0.0	0.5			
Cycle Q Clear(g_c), s	1.3	2.8	0.0	0.0	9.4	0.6	0.2	0.0	0.5			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	117	3570	0	0	2625	815	110	0	196			
V/C Ratio(X)	0.56	0.29	0.00	0.00	0.66	0.06	0.11	0.00	0.24			
Avail Cap(c_a), veh/h	237	4434	0	0	3146	976	866	0	1540			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.1	2.1	0.0	0.0	6.7	4.6	16.7	0.0	16.8			
Incr Delay (d2), s/veh	4.1	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.0	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.2	2.2	0.0	0.0	7.1	4.6	17.1	0.0	17.5			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		1086			1778			60				
Approach Delay, s/veh		3.3			7.0			17.4				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.8		30.8			7.0	23.9				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.5		4.8			3.3	11.4				
Green Ext Time (p_c), s		0.1		6.9			0.0	8.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.9									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	805	0	382	0	613	0	0	2249	0
Future Volume (veh/h)	0	0	0	805	0	382	0	613	0	0	2249	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				953	0	263	0	632	0	0	2319	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1122	0	499	0	3257		0	2964	
Arrive On Green				0.31	0.00	0.31	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				953	0	263	0	632	0	0	2319	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				21.5	0.0	11.7	0.0	4.6	0.0	0.0	30.0	0.0
Cycle Q Clear(g_c), s				21.5	0.0	11.7	0.0	4.6	0.0	0.0	30.0	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1122	0	499	0	3257		0	2964	
V/C Ratio(X)				0.85	0.00	0.53	0.00	0.19		0.00	0.78	
Avail Cap(c_a), veh/h				1367	0	608	0	3257		0	3295	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.6	0.0	24.2	0.0	8.5	0.0	0.0	13.9	0.0
Incr Delay (d2), s/veh				4.5	0.0	0.9	0.0	0.0	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.5	0.0	4.4	0.0	1.5	0.0	0.0	9.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.0	0.0	25.1	0.0	8.6	0.0	0.0	15.0	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1216			632			2319	
Approach Delay, s/veh					30.5			8.6			15.0	
Approach LOS					C			A			B	

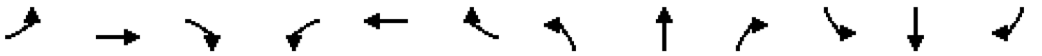
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	54.4	31.6	54.4
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	32.0	23.5	6.6
Green Ext Time (p_c), s	17.9	3.6	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.6
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1380	0	118	0	941	0	0	1716	0
Future Volume (veh/h)	0	0	0	1380	0	118	0	941	0	0	1716	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1423	0	122	0	970	0	0	1769	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1562	0	716	0	2013		0	2013	
Arrive On Green				0.45	0.00	0.45	0.00	0.39	0.00	0.00	0.39	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1423	0	122	0	970	0	0	1769	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				22.4	0.0	2.7	0.0	8.3	0.0	0.0	18.8	0.0
Cycle Q Clear(g_c), s				22.4	0.0	2.7	0.0	8.3	0.0	0.0	18.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1562	0	716	0	2013		0	2013	
V/C Ratio(X)				0.91	0.00	0.17	0.00	0.48		0.00	0.88	
Avail Cap(c_a), veh/h				1626	0	746	0	2053		0	2053	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	9.5	0.0	13.2	0.0	0.0	16.4	0.0
Incr Delay (d2), s/veh				7.9	0.0	0.1	0.0	0.2	0.0	0.0	4.7	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.0	0.0	0.8	0.0	2.4	0.0	0.0	6.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				22.9	0.0	9.6	0.0	13.4	0.0	0.0	21.1	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1545			970			1769	
Approach Delay, s/veh					21.8			13.4			21.1	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.5		27.5	30.9
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	10.3		20.8	24.4
Green Ext Time (p_c), s	5.0		2.3	2.0

Intersection Summary	
HCM 7th Control Delay, s/veh	19.6
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	236	0	104	0	0	0	0	1137	0	0	2710	0
Future Volume (veh/h)	236	0	104	0	0	0	0	1137	0	0	2710	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	241	0	106				0	1160	0	0	2765	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	424	0	195				0	3584		0	3584	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	241	0	106				0	1160	0	0	2765	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.4	0.0	3.2				0.0	4.5	0.0	0.0	18.1	0.0
Cycle Q Clear(g_c), s	3.4	0.0	3.2				0.0	4.5	0.0	0.0	18.1	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	424	0	195				0	3584		0	3584	
V/C Ratio(X)	0.57	0.00	0.54				0.00	0.32		0.00	0.77	
Avail Cap(c_a), veh/h	1212	0	556				0	3782		0	3782	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.2	0.0	21.2				0.0	3.0	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.4				0.0	0.1	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	1.2				0.0	0.2	0.0	0.0	1.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.4	0.0	23.5				0.0	3.0	0.0	0.0	5.9	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		347						1160			2765	
Approach Delay, s/veh		22.8						3.0			5.9	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.5		10.8		40.5						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.5		5.4		20.1						
Green Ext Time (p_c), s		8.6		1.0		15.9						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.5
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

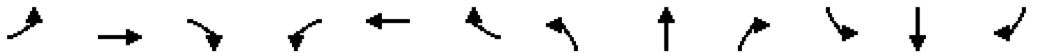
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	892	375	2161	0	0	1429
Future Volume (veh/h)	892	375	2161	0	0	1429
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	910	383	2205	0	0	1458
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1108	493	2641		0	2641
Arrive On Green	0.31	0.31	0.52	0.00	0.00	0.52
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	910	383	2205	0	0	1458
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	12.4	11.5	19.2	0.0	0.0	10.1
Cycle Q Clear(g_c), s	12.4	11.5	19.2	0.0	0.0	10.1
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1108	493	2641		0	2641
V/C Ratio(X)	0.82	0.78	0.83		0.00	0.55
Avail Cap(c_a), veh/h	1224	545	2730		0	2730
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.7	16.4	10.7	0.0	0.0	8.5
Incr Delay (d2), s/veh	4.2	6.4	2.3	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.0	4.5	4.7	0.0	0.0	2.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	20.9	22.8	13.1	0.0	0.0	8.8
LnGrp LOS	C	C	B			A
Approach Vol, veh/h	1293		2205			1458
Approach Delay, s/veh	21.5		13.1			8.8
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.6			31.6	20.8
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	21.2			12.1	14.4
Green Ext Time (p_c), s	5.9			8.4	1.9

Intersection Summary	
HCM 7th Control Delay, s/veh	14.0
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



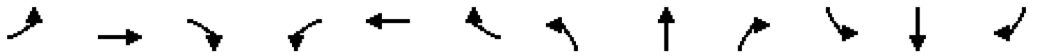
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	108	122	83	13	78	10	25	5	17	215	553	1333
Future Volume (veh/h)	108	122	83	13	78	10	25	5	17	215	553	1333
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	110	124	85	13	80	10	26	5	17	219	564	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	145	609	272	30	380	169	106	568	507	372	742	
Arrive On Green	0.08	0.17	0.17	0.02	0.11	0.11	0.03	0.32	0.32	0.11	0.40	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	110	124	85	13	80	10	26	5	17	219	564	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.2	0.0
Cycle Q Clear(g_c), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.2	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	145	609	272	30	380	169	106	568	507	372	742	
V/C Ratio(X)	0.76	0.20	0.31	0.44	0.21	0.06	0.25	0.01	0.03	0.59	0.76	
Avail Cap(c_a), veh/h	381	1723	769	202	1367	610	369	3352	2990	1159	3956	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.1	16.6	17.0	22.8	19.1	18.8	22.2	10.9	10.9	19.9	12.2	0.0
Incr Delay (d2), s/veh	7.9	0.2	0.6	9.9	0.3	0.1	1.2	0.0	0.0	1.5	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.5	0.8	0.2	0.4	0.1	0.1	0.0	0.1	1.1	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	29.0	16.8	17.6	32.7	19.4	18.9	23.3	10.9	11.0	21.4	13.8	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		319			103			48			783	
Approach Delay, s/veh		21.2			21.0			17.7			15.9	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.5	19.5	5.3	12.5	5.9	23.1	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.8	2.3	2.3	4.2	2.3	14.2	4.8	3.0
Green Ext Time (p_c), s	0.5	0.1	0.0	0.9	0.0	4.4	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.8
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



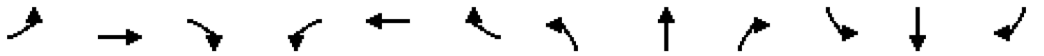
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	59	39	0	0	201	11	11	1	0	0	0	0
Future Volume (veh/h)	59	39	0	0	201	11	11	1	0	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	64	42	0	0	218	12	13	0	0			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	133	1922	0	0	872	389	62	0	28			
Arrive On Green	0.07	0.54	0.00	0.00	0.25	0.25	0.02	0.00	0.00			
Sat Flow, veh/h	1781	3647	0	0	3647	1585	3563	0	1585			
Grp Volume(v), veh/h	64	42	0	0	218	12	13	0	0			
Grp Sat Flow(s),veh/h/ln	1781	1777	0	0	1777	1585	1781	0	1585			
Q Serve(g_s), s	0.7	0.1	0.0	0.0	1.0	0.1	0.1	0.0	0.0			
Cycle Q Clear(g_c), s	0.7	0.1	0.0	0.0	1.0	0.1	0.1	0.0	0.0			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	133	1922	0	0	872	389	62	0	28			
V/C Ratio(X)	0.48	0.02	0.00	0.00	0.25	0.03	0.21	0.00	0.00			
Avail Cap(c_a), veh/h	481	4884	0	0	3140	1400	3147	0	1400			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00			
Uniform Delay (d), s/veh	9.0	2.2	0.0	0.0	6.2	5.8	9.9	0.0	0.0			
Incr Delay (d2), s/veh	2.7	0.0	0.0	0.0	0.1	0.0	1.7	0.0	0.0			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	11.7	2.2	0.0	0.0	6.3	5.9	11.5	0.0	0.0			
LnGrp LOS	B	A			A	A	B					
Approach Vol, veh/h		106			230			13				
Approach Delay, s/veh		8.0			6.3			11.5				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		4.9		15.5			6.0	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		28.0			5.5	18.0				
Max Q Clear Time (g_c+I1), s		2.1		2.1			2.7	3.0				
Green Ext Time (p_c), s		0.0		0.1			0.0	1.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			7.0									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

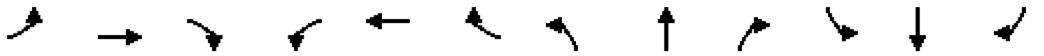


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	76	23	2	209	0	0	0	0	23	7	575
Future Volume (veh/h)	0	76	23	2	209	0	0	0	0	23	7	575
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	83	25	2	227	0				19	0	636
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	647	289	6	1240	0				576	0	1025
Arrive On Green	0.00	0.18	0.18	0.00	0.35	0.00				0.32	0.00	0.32
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	0	3170
Grp Volume(v), veh/h	0	83	25	2	227	0				19	0	636
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	0	1585
Q Serve(g_s), s	0.0	0.5	0.4	0.0	1.2	0.0				0.2	0.0	4.7
Cycle Q Clear(g_c), s	0.0	0.5	0.4	0.0	1.2	0.0				0.2	0.0	4.7
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	647	289	6	1240	0				576	0	1025
V/C Ratio(X)	0.00	0.13	0.09	0.31	0.18	0.00				0.03	0.00	0.62
Avail Cap(c_a), veh/h	0	2331	1040	325	3561	0				1201	0	2137
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	9.4	9.3	13.7	6.2	0.0				6.4	0.0	7.9
Incr Delay (d2), s/veh	0.0	0.1	0.1	24.7	0.1	0.0				0.0	0.0	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.1	0.1	0.1	0.0				0.0	0.0	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	9.5	9.5	38.4	6.3	0.0				6.4	0.0	8.5
LnGrp LOS		A	A	D	A					A		A
Approach Vol, veh/h		108			229						655	
Approach Delay, s/veh		9.5			6.6						8.4	
Approach LOS		A			A						A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		4.6	9.5		13.4		14.1					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		2.0	2.5		6.7		3.2					
Green Ext Time (p_c), s		0.0	0.3		2.3		1.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	8.1
HCM 7th LOS	A

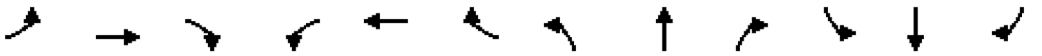
Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	220	893	1083	381	0	0	0	0	512	0	730
Future Volume (veh/h)	0	220	893	1083	381	0	0	0	0	512	0	730
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	239	971	1177	414	0				557	0	793
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	239	971	1177	414	0				557	0	793
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	6.3	42.5	38.5	5.9	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	6.3	42.5	38.5	5.9	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.21	1.87	1.15	0.18	0.00				1.15	0.00	1.04
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.6	43.8	45.8	8.6	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	400.5	79.0	0.0	0.0				87.2	0.0	43.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.6	73.4	27.0	2.0	0.0				27.4	0.0	16.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.7	444.3	124.8	8.7	0.0				134.4	0.0	91.0
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1210			1591						1350	
Approach Delay, s/veh		362.8			94.6						108.9	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		7.9
Green Ext Time (p_c), s	0.0	0.0		0.0		2.6

Intersection Summary		
HCM 7th Control Delay, s/veh		177.4
HCM 7th LOS		F



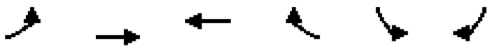
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	690	35	114	1086	0	457	0	937	0	0	0
Future Volume (veh/h)	0	690	35	114	1086	0	457	0	937	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	750	0	124	1180	0	497	0	1018			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	1021		160	1651	0	1245	0	1005			
Arrive On Green	0.00	0.29	0.00	0.09	0.46	0.00	0.36	0.00	0.36			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	750	0	124	1180	0	497	0	1018			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.8	0.0	3.5	13.7	0.0	5.5	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.8	0.0	3.5	13.7	0.0	5.5	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	1021		160	1651	0	1245	0	1005			
V/C Ratio(X)	0.00	0.73		0.78	0.71	0.00	0.40	0.00	1.01			
Avail Cap(c_a), veh/h	0	1419		260	2249	0	1245	0	1005			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	16.5	0.0	22.9	11.0	0.0	12.3	0.0	16.4			
Incr Delay (d2), s/veh	0.0	1.3	0.0	7.9	0.7	0.0	0.2	0.0	31.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.2	0.0	1.6	3.6	0.0	1.8	0.0	9.3			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	17.8	0.0	30.7	11.7	0.0	12.5	0.0	48.1			
LnGrp LOS		B		C	B		B		F			
Approach Vol, veh/h		750			1304			1515				
Approach Delay, s/veh		17.8			13.5			36.4				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	9.1	19.3				28.4		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	5.5	11.8				15.7		20.5				
Green Ext Time (p_c), s	0.0	3.0				7.1		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh	24.1	
HCM 7th LOS	C	

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



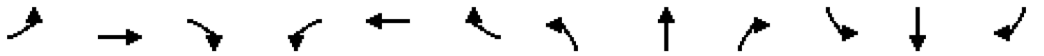
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1202	612	174	123	222	615
Future Volume (veh/h)	1202	612	174	123	222	615
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1307	665	189	134	440	455
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1386	1070	258	173	604	537
Arrive On Green	0.40	0.57	0.13	0.13	0.34	0.34
Sat Flow, veh/h	3456	1870	2127	1368	1781	1585
Grp Volume(v), veh/h	1307	665	164	159	440	455
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1624	1781	1585
Q Serve(g_s), s	32.8	21.2	8.0	8.5	19.5	24.0
Cycle Q Clear(g_c), s	32.8	21.2	8.0	8.5	19.5	24.0
Prop In Lane	1.00			0.84	1.00	1.00
Lane Grp Cap(c), veh/h	1386	1070	225	206	604	537
V/C Ratio(X)	0.94	0.62	0.73	0.77	0.73	0.85
Avail Cap(c_a), veh/h	1421	1185	316	289	604	537
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.0	12.8	37.8	38.0	26.1	27.6
Incr Delay (d2), s/veh	12.6	0.9	5.0	8.2	7.6	15.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	15.1	8.3	3.7	3.8	9.4	21.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	38.5	13.6	42.8	46.2	33.7	42.8
LnGrp LOS	D	B	D	D	C	D
Approach Vol, veh/h		1972	323		895	
Approach Delay, s/veh		30.1	44.5		38.3	
Approach LOS		C	D		D	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			55.5		34.5	40.1	15.4
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			57.0		25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s			23.2		26.0	34.8	10.5
Green Ext Time (p_c), s			5.3		0.0	1.3	0.9

Intersection Summary	
HCM 7th Control Delay, s/veh	33.9
HCM 7th LOS	C

Notes

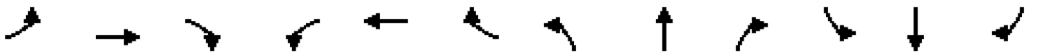
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1360	31	118	2157	0	0	0	0	54	0	60
Future Volume (veh/h)	0	1360	31	118	2157	0	0	0	0	54	0	60
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1447	33	126	2295	0				57	0	64
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2459	56	324	3495	0				318	0	146
Arrive On Green	0.00	0.48	0.48	0.09	0.68	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5305	117	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	959	521	126	2295	0				57	0	64
Grp Sat Flow(s),veh/h/ln	0	1702	1849	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.2	8.2	1.4	10.4	0.0				0.6	0.0	1.5
Cycle Q Clear(g_c), s	0.0	8.2	8.2	1.4	10.4	0.0				0.6	0.0	1.5
Prop In Lane	0.00		0.06	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1630	885	324	3495	0				318	0	146
V/C Ratio(X)	0.00	0.59	0.59	0.39	0.66	0.00				0.18	0.00	0.44
Avail Cap(c_a), veh/h	0	1936	1052	438	4121	0				1588	0	728
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.6	7.6	17.2	3.6	0.0				16.9	0.0	17.3
Incr Delay (d2), s/veh	0.0	0.3	0.6	0.8	0.3	0.0				0.3	0.0	2.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.0	8.2	17.9	3.9	0.0				17.1	0.0	19.4
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1480			2421						121	
Approach Delay, s/veh		8.1			4.7						18.3	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.3	23.8		8.2		32.1					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.4	10.2		3.5		12.4					
Green Ext Time (p_c), s		0.1	6.9		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.3
HCM 7th LOS	A



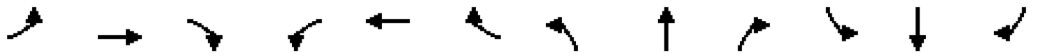
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	94	1175	0	0	1944	54	225	1	316	0	0	0
Future Volume (veh/h)	94	1175	0	0	1944	54	225	1	316	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	100	1250	0	0	2068	57	359	0	208			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	128	3291	0	0	2498	775	672	0	299			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.19	0.00	0.19			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	3563	0	1585			
Grp Volume(v), veh/h	100	1250	0	0	2068	57	359	0	208			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	3.0	6.2	0.0	0.0	18.8	1.0	4.9	0.0	6.6			
Cycle Q Clear(g_c), s	3.0	6.2	0.0	0.0	18.8	1.0	4.9	0.0	6.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	128	3291	0	0	2498	775	672	0	299			
V/C Ratio(X)	0.78	0.38	0.00	0.00	0.83	0.07	0.53	0.00	0.70			
Avail Cap(c_a), veh/h	165	3501	0	0	2602	808	1254	0	558			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	24.6	4.5	0.0	0.0	11.8	7.3	19.8	0.0	20.4			
Incr Delay (d2), s/veh	16.3	0.1	0.0	0.0	2.3	0.0	0.7	0.0	2.9			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.6	0.7	0.0	0.0	4.7	0.2	1.9	0.0	2.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	41.0	4.6	0.0	0.0	14.1	7.3	20.4	0.0	23.3			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1350			2125			567				
Approach Delay, s/veh		7.3			13.9			21.5				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		14.7		39.3			8.4	30.9				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		8.6		8.2			5.0	20.8				
Green Ext Time (p_c), s		1.6		9.0			0.0	5.6				

Intersection Summary												
HCM 7th Control Delay, s/veh			12.8									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	609	0	882	0	2307	0	0	1216	0
Future Volume (veh/h)	0	0	0	609	0	882	0	2307	0	0	1216	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				423	0	1145	0	2403	0	0	1267	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				682	0	1214	0	2988		0	2719	
Arrive On Green				0.38	0.00	0.38	0.00	0.53	0.00	0.00	0.53	0.00
Sat Flow, veh/h				1781	0	3170	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				423	0	1145	0	2403	0	0	1267	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				20.4	0.0	37.1	0.0	37.2	0.0	0.0	16.4	0.0
Cycle Q Clear(g_c), s				20.4	0.0	37.1	0.0	37.2	0.0	0.0	16.4	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				682	0	1214	0	2988		0	2719	
V/C Ratio(X)				0.62	0.00	0.94	0.00	0.80		0.00	0.47	
Avail Cap(c_a), veh/h				695	0	1237	0	3245		0	2719	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				26.6	0.0	31.7	0.0	20.3	0.0	0.0	15.5	0.0
Incr Delay (d2), s/veh				1.6	0.0	14.1	0.0	1.4	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.8	0.0	16.1	0.0	14.5	0.0	0.0	5.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				28.2	0.0	45.8	0.0	21.8	0.0	0.0	15.6	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1568			2403			1267	
Approach Delay, s/veh					41.0			21.8			15.6	
Approach LOS					D			C			B	

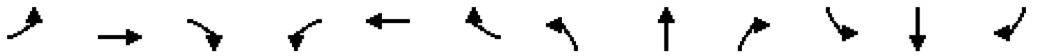
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.1	45.2	61.1
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	18.4	39.1	39.2
Green Ext Time (p_c), s	7.2	1.6	17.4

Intersection Summary	
HCM 7th Control Delay, s/veh	26.0
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	979	0	403	0	1670	0	0	1265	0
Future Volume (veh/h)	0	0	0	979	0	403	0	1670	0	0	1265	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				989	0	407	0	1687	0	0	1278	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1263	0	579	0	2224		0	2224	
Arrive On Green				0.37	0.00	0.37	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				989	0	407	0	1687	0	0	1278	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.5	0.0	9.9	0.0	12.6	0.0	0.0	8.5	0.0
Cycle Q Clear(g_c), s				11.5	0.0	9.9	0.0	12.6	0.0	0.0	8.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1263	0	579	0	2224		0	2224	
V/C Ratio(X)				0.78	0.00	0.70	0.00	0.76		0.00	0.57	
Avail Cap(c_a), veh/h				1490	0	683	0	2427		0	2427	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.8	0.0	12.3	0.0	10.8	0.0	0.0	9.6	0.0
Incr Delay (d2), s/veh				2.4	0.0	2.6	0.0	1.3	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.9	0.0	3.2	0.0	3.1	0.0	0.0	1.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.1	0.0	14.9	0.0	12.1	0.0	0.0	9.9	0.0
LnGrp LOS				B		B		B			A	
Approach Vol, veh/h					1396			1687			1278	
Approach Delay, s/veh					15.1			12.1			9.9	
Approach LOS					B			B			A	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	24.2			24.2		21.0						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	14.6			10.5		13.5						
Green Ext Time (p_c), s	5.1			5.8		3.0						

Intersection Summary												
HCM 7th Control Delay, s/veh			12.4									
HCM 7th LOS			B									

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	306	0	62	0	0	0	0	1383	0	0	2059	0
Future Volume (veh/h)	306	0	62	0	0	0	0	1383	0	0	2059	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	322	0	65				0	1456	0	0	2167	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	540	0	248				0	3257		0	3257	
Arrive On Green	0.16	0.00	0.16				0.00	0.64	0.00	0.00	0.64	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	322	0	65				0	1456	0	0	2167	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.8	0.0	1.6				0.0	6.3	0.0	0.0	11.7	0.0
Cycle Q Clear(g_c), s	3.8	0.0	1.6				0.0	6.3	0.0	0.0	11.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	540	0	248				0	3257		0	3257	
V/C Ratio(X)	0.60	0.00	0.26				0.00	0.45		0.00	0.67	
Avail Cap(c_a), veh/h	1423	0	653				0	3854		0	3854	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.2	0.0	16.2				0.0	4.0	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.1	0.0	0.6				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	0.5				0.0	0.4	0.0	0.0	0.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.2	0.0	16.8				0.0	4.1	0.0	0.0	5.3	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		387						1456			2167	
Approach Delay, s/veh		18.0						4.1			5.3	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		32.4		11.3		32.4						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		8.3		5.8		13.7						
Green Ext Time (p_c), s		10.6		1.1		14.2						

Intersection Summary												
HCM 7th Control Delay, s/veh		6.1										
HCM 7th LOS		A										

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

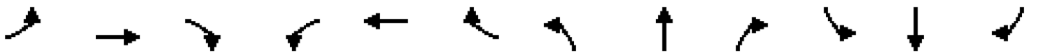
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	156	185	1588	0	0	1664
Future Volume (veh/h)	156	185	1588	0	0	1664
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	124	251	1726	0	0	1809
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	287	511	2903		0	2903
Arrive On Green	0.16	0.16	0.57	0.00	0.00	0.57
Sat Flow, veh/h	1781	3170	5274	1585	0	5443
Grp Volume(v), veh/h	124	251	1726	0	0	1809
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.1	2.4	7.3	0.0	0.0	7.9
Cycle Q Clear(g_c), s	2.1	2.4	7.3	0.0	0.0	7.9
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	287	511	2903		0	2903
V/C Ratio(X)	0.43	0.49	0.59		0.00	0.62
Avail Cap(c_a), veh/h	963	1714	3527		0	3527
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	12.6	12.7	4.7	0.0	0.0	4.8
Incr Delay (d2), s/veh	1.0	0.7	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	13.6	13.5	4.9	0.0	0.0	5.0
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	375		1726			1809
Approach Delay, s/veh	13.5		4.9			5.0
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	23.4			23.4	9.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	9.3			9.9	4.4
Green Ext Time (p_c), s	9.0			9.0	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	5.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	442	204	66	41	314	113	112	79	39	401	347	601
Future Volume (veh/h)	442	204	66	41	314	113	112	79	39	401	347	601
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	470	217	70	44	334	120	119	84	41	427	369	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	520	1402	625	73	511	228	224	360	165	525	447	
Arrive On Green	0.29	0.39	0.39	0.04	0.14	0.14	0.06	0.15	0.15	0.15	0.24	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2366	1086	3456	1870	1585
Grp Volume(v), veh/h	470	217	70	44	334	120	119	62	63	427	369	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1675	1728	1870	1585
Q Serve(g_s), s	17.6	2.7	1.9	1.7	6.1	4.9	2.3	2.1	2.3	8.3	12.9	0.0
Cycle Q Clear(g_c), s	17.6	2.7	1.9	1.7	6.1	4.9	2.3	2.1	2.3	8.3	12.9	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.65	1.00		1.00
Lane Grp Cap(c), veh/h	520	1402	625	73	511	228	224	270	255	525	447	
V/C Ratio(X)	0.90	0.15	0.11	0.60	0.65	0.53	0.53	0.23	0.25	0.81	0.83	
Avail Cap(c_a), veh/h	605	1803	804	165	925	412	255	485	458	579	687	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	23.6	13.5	13.3	32.6	28.0	27.4	31.3	25.8	25.8	28.4	24.9	0.0
Incr Delay (d2), s/veh	15.5	0.1	0.1	7.6	1.4	1.9	1.9	0.4	0.5	8.0	4.9	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.1	1.0	0.7	0.9	2.6	1.9	1.0	0.9	0.9	3.9	6.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	39.1	13.6	13.3	40.2	29.4	29.3	33.3	26.2	26.3	36.4	29.9	0.0
LnGrp LOS	D	B	B	D	C	C	C	C	C	D	C	
Approach Vol, veh/h		757			498			244			796	
Approach Delay, s/veh		29.4			30.3			29.7			33.4	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	15.0	7.4	31.8	9.0	21.0	24.7	14.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	10.3	4.3	3.7	4.7	4.3	14.9	19.6	8.1
Green Ext Time (p_c), s	0.2	0.5	0.0	1.7	0.0	1.6	0.6	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	31.0
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

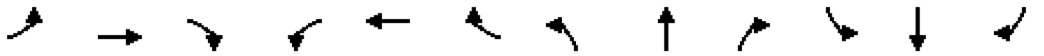
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	436	127	0	0	40	19	19	9	3	0	0	0
Future Volume (veh/h)	436	127	0	0	40	19	19	9	3	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	474	138	0	0	43	21	16	18	3			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	602	2328	0	0	593	265	79	83	70			
Arrive On Green	0.34	0.66	0.00	0.00	0.17	0.17	0.04	0.04	0.04			
Sat Flow, veh/h	1781	3647	0	0	3647	1585	1781	1870	1585			
Grp Volume(v), veh/h	474	138	0	0	43	21	16	18	3			
Grp Sat Flow(s),veh/h/ln	1781	1777	0	0	1777	1585	1781	1870	1585			
Q Serve(g_s), s	7.2	0.4	0.0	0.0	0.3	0.3	0.3	0.3	0.1			
Cycle Q Clear(g_c), s	7.2	0.4	0.0	0.0	0.3	0.3	0.3	0.3	0.1			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	602	2328	0	0	593	265	79	83	70			
V/C Ratio(X)	0.79	0.06	0.00	0.00	0.07	0.08	0.20	0.22	0.04			
Avail Cap(c_a), veh/h	1219	5103	0	0	2136	953	1071	1124	953			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00			
Uniform Delay (d), s/veh	8.9	1.9	0.0	0.0	10.5	10.5	13.8	13.8	13.7			
Incr Delay (d2), s/veh	2.3	0.0	0.0	0.0	0.1	0.1	1.3	1.3	0.2			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.4	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	11.3	1.9	0.0	0.0	10.6	10.7	15.1	15.1	14.0			
LnGrp LOS	B	A			B	B	B	B	B			
Approach Vol, veh/h		612			64			37				
Approach Delay, s/veh		9.2			10.6			15.0				
Approach LOS		A			B			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		5.8		24.1			14.6	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		43.0			20.5	18.0				
Max Q Clear Time (g_c+I1), s		2.3		2.4			9.2	2.3				
Green Ext Time (p_c), s		0.1		0.7			1.1	0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			9.6									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

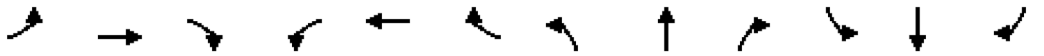


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	547	15	1	58	0	0	0	0	15	0	45
Future Volume (veh/h)	0	547	15	1	58	0	0	0	0	15	0	45
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	595	16	1	63	0				11	0	55
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1212	541	8	1907	0				133	0	237
Arrive On Green	0.00	0.34	0.34	0.00	0.54	0.00				0.07	0.00	0.07
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	0	3170
Grp Volume(v), veh/h	0	595	16	1	63	0				11	0	55
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	0	1585
Q Serve(g_s), s	0.0	3.1	0.2	0.0	0.2	0.0				0.1	0.0	0.4
Cycle Q Clear(g_c), s	0.0	3.1	0.2	0.0	0.2	0.0				0.1	0.0	0.4
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1212	541	8	1907	0				133	0	237
V/C Ratio(X)	0.00	0.49	0.03	0.13	0.03	0.00				0.08	0.00	0.23
Avail Cap(c_a), veh/h	0	2762	1232	385	4220	0				1423	0	2532
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	6.0	5.1	11.5	2.5	0.0				10.0	0.0	10.1
Incr Delay (d2), s/veh	0.0	0.3	0.0	7.4	0.0	0.0				0.3	0.0	0.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.0	0.0	0.0	0.0				0.0	0.0	0.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	6.3	5.1	18.9	2.5	0.0				10.2	0.0	10.6
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		611			64						66	
Approach Delay, s/veh		6.3			2.8						10.5	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		4.5	12.4		6.2		16.9					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		2.0	5.1		2.4		2.2					
Green Ext Time (p_c), s		0.0	2.8		0.1		0.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.4
HCM 7th LOS	A

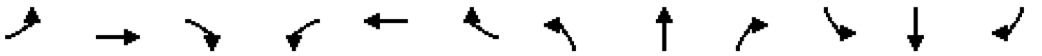
Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	745	460	822	747	0	0	0	0	187	0	105
Future Volume (veh/h)	0	745	460	822	747	0	0	0	0	187	0	105
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	810	500	893	812	0				203	0	114
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1139	508	1028	2467	0				274	0	430
Arrive On Green	0.00	0.32	0.32	0.30	0.69	0.00				0.15	0.00	0.15
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	810	500	893	812	0				203	0	114
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	11.9	18.6	14.5	5.4	0.0				6.4	0.0	2.1
Cycle Q Clear(g_c), s	0.0	11.9	18.6	14.5	5.4	0.0				6.4	0.0	2.1
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1139	508	1028	2467	0				274	0	430
V/C Ratio(X)	0.00	0.71	0.98	0.87	0.33	0.00				0.74	0.00	0.27
Avail Cap(c_a), veh/h	0	1139	508	1137	2578	0				541	0	847
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	17.7	20.0	19.7	3.6	0.0				23.9	0.0	22.1
Incr Delay (d2), s/veh	0.0	2.1	35.6	6.9	0.1	0.0				3.9	0.0	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.2	10.4	5.7	0.7	0.0				2.8	0.0	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.8	55.6	26.6	3.7	0.0				27.8	0.0	22.4
LnGrp LOS		B	E	C	A					C		C
Approach Vol, veh/h		1310			1705						317	
Approach Delay, s/veh		33.5			15.7						25.9	
Approach LOS		C			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	22.1	23.5		13.6		45.6						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	16.5	20.6		8.4		7.4						
Green Ext Time (p_c), s	1.1	0.0		0.7		5.6						

Intersection Summary												
HCM 7th Control Delay, s/veh			23.6									
HCM 7th LOS			C									



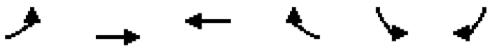
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	553	363	599	741	0	817	0	1007	0	0	0
Future Volume (veh/h)	0	553	363	599	741	0	817	0	1007	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	601	0	651	805	0	888	0	1095			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	699		676	2229	0	936	0	755			
Arrive On Green	0.00	0.20	0.00	0.38	0.63	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	601	0	651	805	0	888	0	1095			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	14.4	0.0	31.5	9.6	0.0	22.3	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	14.4	0.0	31.5	9.6	0.0	22.3	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	699		676	2229	0	936	0	755			
V/C Ratio(X)	0.00	0.86		0.96	0.36	0.00	0.95	0.00	1.45			
Avail Cap(c_a), veh/h	0	769		676	2299	0	936	0	755			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.3	0.0	26.8	7.9	0.0	31.6	0.0	32.2			
Incr Delay (d2), s/veh	0.0	9.1	0.0	25.7	0.1	0.0	18.3	0.0	209.8			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	6.6	0.0	16.5	2.8	0.0	11.3	0.0	29.8			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	43.3	0.0	52.4	8.0	0.0	49.9	0.0	241.9			
LnGrp LOS		D		D	A		D		F			
Approach Vol, veh/h		601			1456			1983				
Approach Delay, s/veh		43.3			27.9			155.9				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	21.9				59.9		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	33.5	16.4				11.6		25.9				
Green Ext Time (p_c), s	0.0	0.9				5.7		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			93.0									
HCM 7th LOS			F									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1386	99	868	25	1	453
Future Volume (veh/h)	1386	99	868	25	1	453
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1507	108	943	27	0	493
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1459	1351	902	26	336	599
Arrive On Green	0.42	0.72	0.26	0.26	0.00	0.19
Sat Flow, veh/h	3456	1870	3622	101	1781	3170
Grp Volume(v), veh/h	1507	108	475	495	0	493
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	38.0	1.5	23.0	23.0	0.0	13.4
Cycle Q Clear(g_c), s	38.0	1.5	23.0	23.0	0.0	13.4
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1459	1351	454	473	336	599
V/C Ratio(X)	1.03	0.08	1.05	1.05	0.00	0.82
Avail Cap(c_a), veh/h	1459	1351	454	473	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.0	3.7	33.5	33.5	0.0	35.1
Incr Delay (d2), s/veh	32.4	0.0	54.7	53.9	0.0	12.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	21.2	0.5	16.5	17.1	0.0	12.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	58.4	3.7	88.2	87.4	0.0	47.2
LnGrp LOS	F	A	F	F		D
Approach Vol, veh/h		1615	970		493	
Approach Delay, s/veh		54.8	87.8		47.2	
Approach LOS		D	F		D	

Timer - Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				69.0		21.0	42.0	27.0
Change Period (Y+Rc), s				4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s				65.0		17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s				3.5		15.4	40.0	25.0
Green Ext Time (p_c), s				0.7		0.4	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	64.0
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	60	6	181	214	24	17
Future Vol, veh/h	60	6	181	214	24	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	7	197	233	26	18
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.6	8.8	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	59%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	41%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	60	3	3	181	214	41
LT Vol	60	0	0	0	0	24
Through Vol	0	3	3	181	0	0
RT Vol	0	0	0	0	214	17
Lane Flow Rate	65	3	3	197	233	45
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.1	0.005	0.003	0.264	0.267	0.069
Departure Headway (Hd)	5.502	5	3.2	4.836	4.135	5.586
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	653	718	1100	746	872	642
Service Time	3.218	2.716	0.974	2.549	1.847	3.312
HCM Lane V/C Ratio	0.1	0.004	0.003	0.264	0.267	0.07
HCM Control Delay, s/veh	8.8	7.7	6	9.3	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	1.1	1.1	0.2

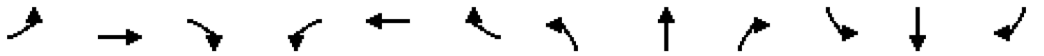
Intersection	
Intersection Delay, s/veh	13.2
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	73	105	74	15	308	41
Future Vol, veh/h	73	105	74	15	308	41
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	79	114	80	16	335	45
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.9	9.7	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	88%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	73	53	53	74	15	349
LT Vol	73	0	0	0	0	308
Through Vol	0	53	53	74	0	0
RT Vol	0	0	0	0	15	41
Lane Flow Rate	79	57	57	80	16	379
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.139	0.092	0.064	0.138	0.025	0.591
Departure Headway (Hd)	6.307	5.8	4.041	6.194	5.581	5.61
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	566	614	876	573	645	637
Service Time	4.08	3.573	1.813	3.994	3.281	3.383
HCM Lane V/C Ratio	0.14	0.093	0.065	0.14	0.025	0.595
HCM Control Delay, s/veh	10.1	9.2	7.1	10	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.3	0.2	0.5	0.1	3.9

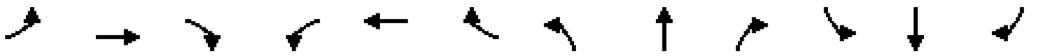
HCM Worksheet
Buildout Approved Plus Project



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1109	95	398	1609	0	0	0	0	41	0	186
Future Volume (veh/h)	0	1109	95	398	1609	0	0	0	0	41	0	186
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1205	103	433	1749	0				45	0	202
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1661	142	596	3166	0				617	0	283
Arrive On Green	0.00	0.35	0.35	0.17	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4960	409	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	856	452	433	1749	0				45	0	202
Grp Sat Flow(s),veh/h/ln	0	1702	1797	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	9.8	9.8	5.3	8.8	0.0				0.5	0.0	5.4
Cycle Q Clear(g_c), s	0.0	9.8	9.8	5.3	8.8	0.0				0.5	0.0	5.4
Prop In Lane	0.00		0.23	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1180	623	596	3166	0				617	0	283
V/C Ratio(X)	0.00	0.73	0.73	0.73	0.55	0.00				0.07	0.00	0.71
Avail Cap(c_a), veh/h	0	1372	724	781	3726	0				1423	0	653
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.7	12.7	17.5	4.9	0.0				15.3	0.0	17.3
Incr Delay (d2), s/veh	0.0	1.6	3.1	2.4	0.2	0.0				0.0	0.0	3.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.6	3.0	1.7	0.7	0.0				0.2	0.0	2.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	14.4	15.8	19.8	5.1	0.0				15.3	0.0	20.6
LnGrp LOS		B	B	B	A					B		C
Approach Vol, veh/h		1308			2182						247	
Approach Delay, s/veh		14.9			8.0						19.7	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.2	20.0		12.5		32.2					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.3	11.8		7.4		10.8					
Green Ext Time (p_c), s		0.5	3.7		1.0		12.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	11.2
HCM 7th LOS	B



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	936	0	0	1605	48	17	1	39	0	0	0
Future Volume (veh/h)	58	936	0	0	1605	48	17	1	39	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	63	1017	0	0	1745	52	12	0	49			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	114	3570	0	0	2635	818	111	0	198			
Arrive On Green	0.06	0.70	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	63	1017	0	0	1745	52	12	0	49			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.3	2.8	0.0	0.0	9.5	0.6	0.2	0.0	0.6			
Cycle Q Clear(g_c), s	1.3	2.8	0.0	0.0	9.5	0.6	0.2	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	114	3570	0	0	2635	818	111	0	198			
V/C Ratio(X)	0.55	0.28	0.00	0.00	0.66	0.06	0.11	0.00	0.25			
Avail Cap(c_a), veh/h	236	4419	0	0	3135	973	863	0	1535			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.2	2.1	0.0	0.0	6.7	4.6	16.7	0.0	16.9			
Incr Delay (d2), s/veh	4.1	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.0	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.3	2.2	0.0	0.0	7.1	4.6	17.1	0.0	17.5			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		1080			1797			61				
Approach Delay, s/veh		3.3			7.1			17.4				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.9		30.9			6.9	24.0				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.8			3.3	11.5				
Green Ext Time (p_c), s		0.1		6.8			0.0	8.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.9									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	806	0	382	0	613	0	0	2283	0
Future Volume (veh/h)	0	0	0	806	0	382	0	613	0	0	2283	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				954	0	263	0	632	0	0	2354	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1120	0	498	0	3266		0	2972	
Arrive On Green				0.31	0.00	0.31	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				954	0	263	0	632	0	0	2354	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				21.8	0.0	11.8	0.0	4.6	0.0	0.0	31.0	0.0
Cycle Q Clear(g_c), s				21.8	0.0	11.8	0.0	4.6	0.0	0.0	31.0	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1120	0	498	0	3266		0	2972	
V/C Ratio(X)				0.85	0.00	0.53	0.00	0.19		0.00	0.79	
Avail Cap(c_a), veh/h				1354	0	602	0	3266		0	3263	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.9	0.0	24.5	0.0	8.5	0.0	0.0	14.1	0.0
Incr Delay (d2), s/veh				4.6	0.0	0.9	0.0	0.0	0.0	0.0	1.3	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.6	0.0	4.4	0.0	1.5	0.0	0.0	9.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.5	0.0	25.3	0.0	8.6	0.0	0.0	15.4	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1217			632			2354	
Approach Delay, s/veh					31.0			8.6			15.4	
Approach LOS					C			A			B	

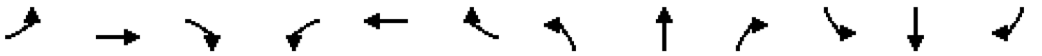
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	55.0	31.8	55.0
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	33.0	23.8	6.6
Green Ext Time (p_c), s	17.5	3.5	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.9
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1383	0	128	0	944	0	0	1715	0
Future Volume (veh/h)	0	0	0	1383	0	128	0	944	0	0	1715	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1426	0	132	0	973	0	0	1768	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1563	0	717	0	2011		0	2011	
Arrive On Green				0.45	0.00	0.45	0.00	0.39	0.00	0.00	0.39	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1426	0	132	0	973	0	0	1768	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				22.5	0.0	2.9	0.0	8.3	0.0	0.0	18.8	0.0
Cycle Q Clear(g_c), s				22.5	0.0	2.9	0.0	8.3	0.0	0.0	18.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1563	0	717	0	2011		0	2011	
V/C Ratio(X)				0.91	0.00	0.18	0.00	0.48		0.00	0.88	
Avail Cap(c_a), veh/h				1624	0	745	0	2051		0	2051	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	9.6	0.0	13.3	0.0	0.0	16.4	0.0
Incr Delay (d2), s/veh				8.0	0.0	0.1	0.0	0.2	0.0	0.0	4.7	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.1	0.0	0.9	0.0	2.5	0.0	0.0	6.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				23.0	0.0	9.7	0.0	13.5	0.0	0.0	21.1	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1558			973			1768	
Approach Delay, s/veh					21.9			13.5			21.1	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.5		27.5	31.0
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	10.3		20.8	24.5
Green Ext Time (p_c), s	5.0		2.3	1.9

Intersection Summary	
HCM 7th Control Delay, s/veh	19.7
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	239	0	102	0	0	0	0	1144	0	0	2711	0
Future Volume (veh/h)	239	0	102	0	0	0	0	1144	0	0	2711	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	244	0	104				0	1167	0	0	2766	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	427	0	196				0	3581		0	3581	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	244	0	104				0	1167	0	0	2766	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.4	0.0	3.2				0.0	4.5	0.0	0.0	18.1	0.0
Cycle Q Clear(g_c), s	3.4	0.0	3.2				0.0	4.5	0.0	0.0	18.1	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	427	0	196				0	3581		0	3581	
V/C Ratio(X)	0.57	0.00	0.53				0.00	0.33		0.00	0.77	
Avail Cap(c_a), veh/h	1211	0	555				0	3777		0	3777	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.2	0.0	21.1				0.0	3.0	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.2				0.0	0.1	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	1.2				0.0	0.3	0.0	0.0	1.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.4	0.0	23.3				0.0	3.0	0.0	0.0	6.0	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		348						1167			2766	
Approach Delay, s/veh		22.7						3.0			6.0	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.5		10.8		40.5						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.5		5.4		20.1						
Green Ext Time (p_c), s		8.7		1.0		15.9						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.5
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

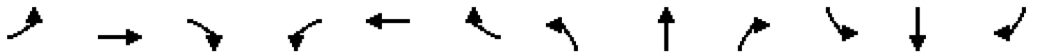
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	900	368	2161	0	0	1448
Future Volume (veh/h)	900	368	2161	0	0	1448
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	918	376	2205	0	0	1478
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1112	495	2637		0	2637
Arrive On Green	0.31	0.31	0.52	0.00	0.00	0.52
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	918	376	2205	0	0	1478
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	12.5	11.2	19.3	0.0	0.0	10.3
Cycle Q Clear(g_c), s	12.5	11.2	19.3	0.0	0.0	10.3
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1112	495	2637		0	2637
V/C Ratio(X)	0.83	0.76	0.84		0.00	0.56
Avail Cap(c_a), veh/h	1222	544	2724		0	2724
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.7	16.3	10.8	0.0	0.0	8.6
Incr Delay (d2), s/veh	4.4	5.7	2.4	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.1	4.3	4.8	0.0	0.0	2.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	21.2	21.9	13.2	0.0	0.0	8.9
LnGrp LOS	C	C	B			A
Approach Vol, veh/h	1294		2205			1478
Approach Delay, s/veh	21.4		13.2			8.9
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.6			31.6	20.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	21.3			12.3	14.5
Green Ext Time (p_c), s	5.8			8.5	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	14.0
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



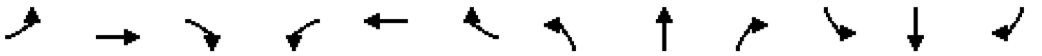
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	108	124	83	13	79	10	25	5	17	217	550	1336
Future Volume (veh/h)	108	124	83	13	79	10	25	5	17	217	550	1336
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	110	127	85	13	81	10	26	5	17	221	561	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	145	611	273	30	381	170	106	564	503	375	739	
Arrive On Green	0.08	0.17	0.17	0.02	0.11	0.11	0.03	0.32	0.32	0.11	0.40	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	110	127	85	13	81	10	26	5	17	221	561	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.1	0.0
Cycle Q Clear(g_c), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	145	611	273	30	381	170	106	564	503	375	739	
V/C Ratio(X)	0.76	0.21	0.31	0.44	0.21	0.06	0.25	0.01	0.03	0.59	0.76	
Avail Cap(c_a), veh/h	382	1729	771	202	1371	611	370	3362	2999	1163	3968	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.0	16.6	16.9	22.7	19.0	18.7	22.1	10.9	11.0	19.8	12.2	0.0
Incr Delay (d2), s/veh	7.9	0.2	0.6	9.9	0.3	0.1	1.2	0.0	0.0	1.5	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.5	0.8	0.2	0.4	0.1	0.1	0.0	0.1	1.1	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	28.8	16.8	17.6	32.6	19.3	18.9	23.3	10.9	11.0	21.3	13.8	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		322			104			48			782	
Approach Delay, s/veh		21.1			20.9			17.7			15.9	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.6	19.3	5.3	12.5	5.9	22.9	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.8	2.3	2.3	4.2	2.3	14.1	4.8	3.0
Green Ext Time (p_c), s	0.5	0.1	0.0	0.9	0.0	4.3	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.7
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	39	0	0	196	11	11	1	0	0	0	0
Future Volume (veh/h)	69	39	0	0	196	11	11	1	0	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	75	42	0	0	213	12	13	0	0			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	151	1940	0	0	862	385	62	0	28			
Arrive On Green	0.08	0.55	0.00	0.00	0.24	0.24	0.02	0.00	0.00			
Sat Flow, veh/h	1781	3647	0	0	3647	1585	3563	0	1585			
Grp Volume(v), veh/h	75	42	0	0	213	12	13	0	0			
Grp Sat Flow(s),veh/h/ln	1781	1777	0	0	1777	1585	1781	0	1585			
Q Serve(g_s), s	0.8	0.1	0.0	0.0	1.0	0.1	0.1	0.0	0.0			
Cycle Q Clear(g_c), s	0.8	0.1	0.0	0.0	1.0	0.1	0.1	0.0	0.0			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	151	1940	0	0	862	385	62	0	28			
V/C Ratio(X)	0.50	0.02	0.00	0.00	0.25	0.03	0.21	0.00	0.00			
Avail Cap(c_a), veh/h	476	4829	0	0	3105	1385	3112	0	1385			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00			
Uniform Delay (d), s/veh	9.0	2.2	0.0	0.0	6.3	6.0	10.0	0.0	0.0			
Incr Delay (d2), s/veh	2.5	0.0	0.0	0.0	0.1	0.0	1.7	0.0	0.0			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	11.5	2.2	0.0	0.0	6.4	6.0	11.6	0.0	0.0			
LnGrp LOS	B	A			A	A	B					
Approach Vol, veh/h		117			225			13				
Approach Delay, s/veh		8.2			6.4			11.6				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		4.9		15.7			6.2	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		28.0			5.5	18.0				
Max Q Clear Time (g_c+I1), s		2.1		2.1			2.8	3.0				
Green Ext Time (p_c), s		0.0		0.1			0.0	0.9				

Intersection Summary												
HCM 7th Control Delay, s/veh			7.2									
HCM 7th LOS			A									

Notes

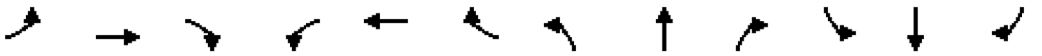
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	84	23	2	204	0	0	0	0	23	7	553
Future Volume (veh/h)	0	84	23	2	204	0	0	0	0	23	7	553
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	91	25	2	222	0				19	0	612
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	655	292	7	1254	0				562	0	1000
Arrive On Green	0.00	0.18	0.18	0.00	0.35	0.00				0.32	0.00	0.32
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	0	3170
Grp Volume(v), veh/h	0	91	25	2	222	0				19	0	612
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	0	1585
Q Serve(g_s), s	0.0	0.6	0.4	0.0	1.2	0.0				0.2	0.0	4.4
Cycle Q Clear(g_c), s	0.0	0.6	0.4	0.0	1.2	0.0				0.2	0.0	4.4
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	655	292	7	1254	0				562	0	1000
V/C Ratio(X)	0.00	0.14	0.09	0.30	0.18	0.00				0.03	0.00	0.61
Avail Cap(c_a), veh/h	0	2357	1051	328	3602	0				1214	0	2161
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	9.3	9.2	13.5	6.1	0.0				6.4	0.0	7.9
Incr Delay (d2), s/veh	0.0	0.1	0.1	24.1	0.1	0.0				0.0	0.0	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.1	0.1	0.1	0.0				0.0	0.0	0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	9.4	9.3	37.6	6.1	0.0				6.5	0.0	8.5
LnGrp LOS		A	A	D	A					A		A
Approach Vol, veh/h		116			224						631	
Approach Delay, s/veh		9.3			6.4						8.4	
Approach LOS		A			A						A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		4.6	9.5		13.1		14.1					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		2.0	2.6		6.4		3.2					
Green Ext Time (p_c), s		0.0	0.4		2.2		1.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	8.1
HCM 7th LOS	A

Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	226	909	1083	384	0	0	0	0	505	0	720
Future Volume (veh/h)	0	226	909	1083	384	0	0	0	0	505	0	720
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	246	988	1177	417	0				549	0	783
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	246	988	1177	417	0				549	0	783
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	6.5	42.5	38.5	5.9	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	6.5	42.5	38.5	5.9	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.21	1.91	1.15	0.18	0.00				1.13	0.00	1.03
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.6	43.8	45.8	8.6	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	415.2	79.0	0.0	0.0				81.1	0.0	39.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.7	75.5	27.0	2.0	0.0				26.6	0.0	16.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.7	458.9	124.8	8.7	0.0				128.3	0.0	87.2
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1234			1594						1332	
Approach Delay, s/veh		373.8			94.4						104.1	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		7.9
Green Ext Time (p_c), s	0.0	0.0		0.0		2.6

Intersection Summary		
HCM 7th Control Delay, s/veh		180.4
HCM 7th LOS		F

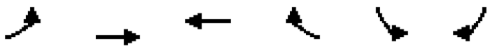
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	690	36	113	1085	0	460	0	927	0	0	0
Future Volume (veh/h)	0	690	36	113	1085	0	460	0	927	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	750	0	123	1179	0	500	0	1008			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	1021		158	1649	0	1246	0	1006			
Arrive On Green	0.00	0.29	0.00	0.09	0.46	0.00	0.36	0.00	0.36			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	750	0	123	1179	0	500	0	1008			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.8	0.0	3.5	13.7	0.0	5.5	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.8	0.0	3.5	13.7	0.0	5.5	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	1021		158	1649	0	1246	0	1006			
V/C Ratio(X)	0.00	0.73		0.78	0.72	0.00	0.40	0.00	1.00			
Avail Cap(c_a), veh/h	0	1420		260	2251	0	1246	0	1006			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	16.5	0.0	22.9	11.0	0.0	12.3	0.0	16.4			
Incr Delay (d2), s/veh	0.0	1.3	0.0	7.9	0.7	0.0	0.2	0.0	28.9			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.2	0.0	1.6	3.5	0.0	1.9	0.0	8.9			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	17.8	0.0	30.8	11.7	0.0	12.5	0.0	45.3			
LnGrp LOS		B		C	B		B		F			
Approach Vol, veh/h		750			1302			1508				
Approach Delay, s/veh		17.8			13.5			34.4				
Approach LOS		B			B			C				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	9.1	19.2				28.3		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	5.5	11.8				15.7		20.5				
Green Ext Time (p_c), s	0.0	3.0				7.1		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			23.3									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



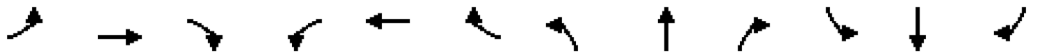
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1209	613	170	129	232	606
Future Volume (veh/h)	1209	613	170	129	232	606
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1314	666	185	140	442	456
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1390	1074	252	181	600	534
Arrive On Green	0.40	0.57	0.13	0.13	0.34	0.34
Sat Flow, veh/h	3456	1870	2071	1415	1781	1585
Grp Volume(v), veh/h	1314	666	165	160	442	456
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1616	1781	1585
Q Serve(g_s), s	33.0	21.2	8.0	8.6	19.7	24.1
Cycle Q Clear(g_c), s	33.0	21.2	8.0	8.6	19.7	24.1
Prop In Lane	1.00			0.88	1.00	1.00
Lane Grp Cap(c), veh/h	1390	1074	227	206	600	534
V/C Ratio(X)	0.95	0.62	0.73	0.78	0.74	0.85
Avail Cap(c_a), veh/h	1421	1185	316	287	600	534
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.9	12.7	37.8	38.0	26.3	27.8
Incr Delay (d2), s/veh	12.9	0.9	5.1	8.5	7.9	15.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	15.3	8.3	3.8	3.8	9.5	21.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	38.9	13.5	42.9	46.5	34.2	43.7
LnGrp LOS	D	B	D	D	C	D
Approach Vol, veh/h		1980	325		898	
Approach Delay, s/veh		30.3	44.7		39.0	
Approach LOS		C	D		D	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			55.7		34.3	40.2	15.5
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			57.0		25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s			23.2		26.1	35.0	10.6
Green Ext Time (p_c), s			5.3		0.0	1.2	0.9

Intersection Summary	
HCM 7th Control Delay, s/veh	34.2
HCM 7th LOS	C

Notes

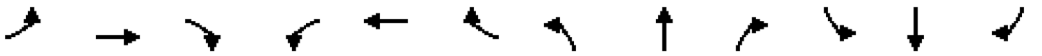
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1373	36	113	2154	0	0	0	0	48	0	65
Future Volume (veh/h)	0	1373	36	113	2154	0	0	0	0	48	0	65
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1461	38	120	2291	0				51	0	69
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2460	64	317	3494	0				317	0	146
Arrive On Green	0.00	0.48	0.48	0.09	0.68	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5286	133	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	972	527	120	2291	0				51	0	69
Grp Sat Flow(s),veh/h/ln	0	1702	1846	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.3	8.3	1.3	10.3	0.0				0.5	0.0	1.7
Cycle Q Clear(g_c), s	0.0	8.3	8.3	1.3	10.3	0.0				0.5	0.0	1.7
Prop In Lane	0.00		0.07	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1636	887	317	3494	0				317	0	146
V/C Ratio(X)	0.00	0.59	0.59	0.38	0.66	0.00				0.16	0.00	0.47
Avail Cap(c_a), veh/h	0	1939	1052	438	4127	0				1590	0	729
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.6	7.6	17.2	3.6	0.0				16.8	0.0	17.3
Incr Delay (d2), s/veh	0.0	0.4	0.6	0.7	0.3	0.0				0.2	0.0	2.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	7.9	8.2	17.9	3.9	0.0				17.1	0.0	19.7
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1499			2411						120	
Approach Delay, s/veh		8.0			4.6						18.6	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.2	23.8		8.2		32.0					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.3	10.3		3.7		12.3					
Green Ext Time (p_c), s		0.0	6.9		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.3
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	91	1180	0	0	1950	56	217	1	327	0	0	0
Future Volume (veh/h)	91	1180	0	0	1950	56	217	1	327	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	97	1255	0	0	2074	60	154	0	431			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	126	3268	0	0	2485	771	347	0	617			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.19	0.00	0.19			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	97	1255	0	0	2074	60	154	0	431			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.9	6.4	0.0	0.0	19.1	1.1	4.1	0.0	6.9			
Cycle Q Clear(g_c), s	2.9	6.4	0.0	0.0	19.1	1.1	4.1	0.0	6.9			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	126	3268	0	0	2485	771	347	0	617			
V/C Ratio(X)	0.77	0.38	0.00	0.00	0.83	0.08	0.44	0.00	0.70			
Avail Cap(c_a), veh/h	164	3470	0	0	2579	801	622	0	1106			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	24.9	4.7	0.0	0.0	12.1	7.5	19.3	0.0	20.4			
Incr Delay (d2), s/veh	15.2	0.1	0.0	0.0	2.5	0.0	0.9	0.0	1.4			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.6	0.8	0.0	0.0	4.9	0.2	1.7	0.0	2.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	40.0	4.8	0.0	0.0	14.5	7.5	20.2	0.0	21.9			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1352			2134			585				
Approach Delay, s/veh		7.3			14.3			21.4				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.1		39.3			8.3	31.0				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		8.9		8.4			4.9	21.1				
Green Ext Time (p_c), s		1.7		9.0			0.0	5.4				

Intersection Summary												
HCM 7th Control Delay, s/veh			13.0									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	597	0	899	0	2337	0	0	1278	0
Future Volume (veh/h)	0	0	0	597	0	899	0	2337	0	0	1278	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				415	0	1158	0	2434	0	0	1331	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				682	0	1214	0	2992		0	2723	
Arrive On Green				0.38	0.00	0.38	0.00	0.53	0.00	0.00	0.53	0.00
Sat Flow, veh/h				1781	0	3170	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				415	0	1158	0	2434	0	0	1331	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				20.1	0.0	38.1	0.0	38.4	0.0	0.0	17.7	0.0
Cycle Q Clear(g_c), s				20.1	0.0	38.1	0.0	38.4	0.0	0.0	17.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				682	0	1214	0	2992		0	2723	
V/C Ratio(X)				0.61	0.00	0.95	0.00	0.81		0.00	0.49	
Avail Cap(c_a), veh/h				689	0	1226	0	3216		0	2723	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				26.6	0.0	32.2	0.0	20.6	0.0	0.0	15.8	0.0
Incr Delay (d2), s/veh				1.5	0.0	15.9	0.0	1.6	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.7	0.0	16.8	0.0	14.9	0.0	0.0	6.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				28.2	0.0	48.1	0.0	22.2	0.0	0.0	15.9	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1573			2434			1331	
Approach Delay, s/veh					42.8			22.2			15.9	
Approach LOS					D			C			B	

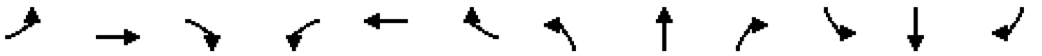
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.7	45.6	61.7
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	19.7	40.1	40.4
Green Ext Time (p_c), s	7.2	1.0	16.9

Intersection Summary	
HCM 7th Control Delay, s/veh	26.7
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	982	0	401	0	1671	0	0	1278	0
Future Volume (veh/h)	0	0	0	982	0	401	0	1671	0	0	1278	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				992	0	405	0	1688	0	0	1291	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1264	0	580	0	2223		0	2223	
Arrive On Green				0.37	0.00	0.37	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				992	0	405	0	1688	0	0	1291	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.6	0.0	9.9	0.0	12.6	0.0	0.0	8.7	0.0
Cycle Q Clear(g_c), s				11.6	0.0	9.9	0.0	12.6	0.0	0.0	8.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1264	0	580	0	2223		0	2223	
V/C Ratio(X)				0.78	0.00	0.70	0.00	0.76		0.00	0.58	
Avail Cap(c_a), veh/h				1488	0	682	0	2424		0	2424	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.8	0.0	12.2	0.0	10.8	0.0	0.0	9.7	0.0
Incr Delay (d2), s/veh				2.4	0.0	2.6	0.0	1.3	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.0	0.0	3.2	0.0	3.1	0.0	0.0	2.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				15.2	0.0	14.8	0.0	12.1	0.0	0.0	10.0	0.0
LnGrp LOS				B		B		B			A	
Approach Vol, veh/h					1397			1688			1291	
Approach Delay, s/veh					15.1			12.1			10.0	
Approach LOS					B			B			A	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	24.2			24.2		21.1						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	14.6			10.7		13.6						
Green Ext Time (p_c), s	5.1			5.8		3.0						

Intersection Summary		
HCM 7th Control Delay, s/veh	12.4	
HCM 7th LOS	B	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	309	0	61	0	0	0	0	1394	0	0	2059	0
Future Volume (veh/h)	309	0	61	0	0	0	0	1394	0	0	2059	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	325	0	64				0	1467	0	0	2167	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	543	0	249				0	3255		0	3255	
Arrive On Green	0.16	0.00	0.16				0.00	0.64	0.00	0.00	0.64	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	325	0	64				0	1467	0	0	2167	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.8	0.0	1.6				0.0	6.4	0.0	0.0	11.7	0.0
Cycle Q Clear(g_c), s	3.8	0.0	1.6				0.0	6.4	0.0	0.0	11.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	543	0	249				0	3255		0	3255	
V/C Ratio(X)	0.60	0.00	0.26				0.00	0.45		0.00	0.67	
Avail Cap(c_a), veh/h	1421	0	652				0	3849		0	3849	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.2	0.0	16.2				0.0	4.0	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.1	0.0	0.5				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	0.5				0.0	0.5	0.0	0.0	0.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.2	0.0	16.7				0.0	4.1	0.0	0.0	5.3	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		389						1467			2167	
Approach Delay, s/veh		18.0						4.1			5.3	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		32.4		11.4		32.4						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		8.4		5.8		13.7						
Green Ext Time (p_c), s		10.7		1.1		14.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.1
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	156	185	1589	0	0	1664
Future Volume (veh/h)	156	185	1589	0	0	1664
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	124	251	1727	0	0	1809
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	287	511	2903		0	2903
Arrive On Green	0.16	0.16	0.57	0.00	0.00	0.57
Sat Flow, veh/h	1781	3170	5274	1585	0	5443
Grp Volume(v), veh/h	124	251	1727	0	0	1809
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.1	2.4	7.3	0.0	0.0	7.9
Cycle Q Clear(g_c), s	2.1	2.4	7.3	0.0	0.0	7.9
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	287	511	2903		0	2903
V/C Ratio(X)	0.43	0.49	0.59		0.00	0.62
Avail Cap(c_a), veh/h	963	1714	3527		0	3527
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	12.6	12.7	4.7	0.0	0.0	4.8
Incr Delay (d2), s/veh	1.0	0.7	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	13.6	13.5	4.9	0.0	0.0	5.0
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	375		1727			1809
Approach Delay, s/veh	13.5		4.9			5.0
Approach LOS	B		A			A

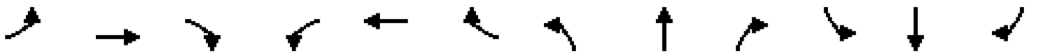
Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	23.4			23.4	9.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	9.3			9.9	4.4
Green Ext Time (p_c), s	9.0			9.0	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	5.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



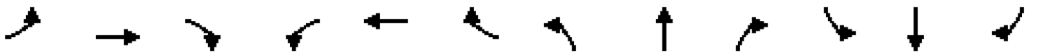
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	439	200	65	41	309	114	110	81	39	406	350	602
Future Volume (veh/h)	439	200	65	41	309	114	110	81	39	406	350	602
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	467	213	69	44	329	121	117	86	41	432	372	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	518	1392	621	74	506	226	224	363	163	530	451	
Arrive On Green	0.29	0.39	0.39	0.04	0.14	0.14	0.06	0.15	0.15	0.15	0.24	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2384	1071	3456	1870	1585
Grp Volume(v), veh/h	467	213	69	44	329	121	117	63	64	432	372	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1678	1728	1870	1585
Q Serve(g_s), s	17.4	2.7	1.9	1.7	6.0	4.9	2.3	2.1	2.3	8.3	13.0	0.0
Cycle Q Clear(g_c), s	17.4	2.7	1.9	1.7	6.0	4.9	2.3	2.1	2.3	8.3	13.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.64	1.00		1.00
Lane Grp Cap(c), veh/h	518	1392	621	74	506	226	224	271	256	530	451	
V/C Ratio(X)	0.90	0.15	0.11	0.60	0.65	0.54	0.52	0.23	0.25	0.82	0.83	
Avail Cap(c_a), veh/h	607	1810	807	165	928	414	256	487	460	582	689	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	23.5	13.6	13.3	32.5	27.9	27.4	31.2	25.7	25.7	28.2	24.8	0.0
Incr Delay (d2), s/veh	15.2	0.1	0.1	7.6	1.4	2.0	1.9	0.4	0.5	8.1	5.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.9	1.0	0.6	0.9	2.6	1.9	1.0	0.9	0.9	3.9	6.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.7	13.6	13.4	40.0	29.3	29.4	33.1	26.1	26.3	36.4	29.7	0.0
LnGrp LOS	D	B	B	D	C	C	C	C	C	D	C	
Approach Vol, veh/h		749			494			244			804	
Approach Delay, s/veh		29.2			30.3			29.5			33.3	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	15.0	7.3	31.5	9.0	21.1	24.5	14.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	10.3	4.3	3.7	4.7	4.3	15.0	19.4	8.0
Green Ext Time (p_c), s	0.2	0.5	0.0	1.6	0.0	1.6	0.7	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	30.9
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



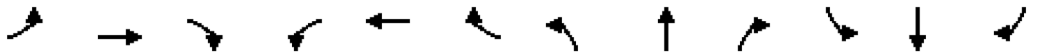
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	421	126	0	0	39	19	19	10	3	0	0	0
Future Volume (veh/h)	421	126	0	0	39	19	19	10	3	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	458	137	0	0	42	21	16	18	3			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	586	2313	0	0	602	268	79	83	70			
Arrive On Green	0.33	0.65	0.00	0.00	0.17	0.17	0.04	0.04	0.04			
Sat Flow, veh/h	1781	3647	0	0	3647	1585	1781	1870	1585			
Grp Volume(v), veh/h	458	137	0	0	42	21	16	18	3			
Grp Sat Flow(s),veh/h/ln	1781	1777	0	0	1777	1585	1781	1870	1585			
Q Serve(g_s), s	6.9	0.4	0.0	0.0	0.3	0.3	0.3	0.3	0.1			
Cycle Q Clear(g_c), s	6.9	0.4	0.0	0.0	0.3	0.3	0.3	0.3	0.1			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	586	2313	0	0	602	268	79	83	70			
V/C Ratio(X)	0.78	0.06	0.00	0.00	0.07	0.08	0.20	0.22	0.04			
Avail Cap(c_a), veh/h	1237	5175	0	0	2166	966	1086	1140	966			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00			
Uniform Delay (d), s/veh	8.9	1.9	0.0	0.0	10.3	10.3	13.6	13.6	13.5			
Incr Delay (d2), s/veh	2.3	0.0	0.0	0.0	0.0	0.1	1.2	1.3	0.2			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.3	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	11.3	1.9	0.0	0.0	10.4	10.4	14.9	14.9	13.8			
LnGrp LOS	B	A			B	B	B	B	B			
Approach Vol, veh/h		595			63			37				
Approach Delay, s/veh		9.1			10.4			14.8				
Approach LOS		A			B			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		5.8		23.7			14.2	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		43.0			20.5	18.0				
Max Q Clear Time (g_c+I1), s		2.3		2.4			8.9	2.3				
Green Ext Time (p_c), s		0.1		0.7			1.1	0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			9.5									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

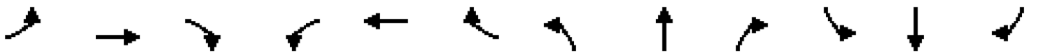


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	532	15	0	58	0	0	0	0	15	0	55
Future Volume (veh/h)	0	532	15	0	58	0	0	0	0	15	0	55
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	578	16	0	63	0				11	0	66
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1403	626	10	1403	0				159	0	283
Arrive On Green	0.00	0.39	0.39	0.00	0.39	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	0	3170
Grp Volume(v), veh/h	0	578	16	0	63	0				11	0	66
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	0	1585
Q Serve(g_s), s	0.0	2.1	0.1	0.0	0.2	0.0				0.1	0.0	0.3
Cycle Q Clear(g_c), s	0.0	2.1	0.1	0.0	0.2	0.0				0.1	0.0	0.3
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1403	626	10	1403	0				159	0	283
V/C Ratio(X)	0.00	0.41	0.03	0.00	0.04	0.00				0.07	0.00	0.23
Avail Cap(c_a), veh/h	0	3667	1636	511	5603	0				1889	0	3362
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	0.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	3.8	3.2	0.0	3.3	0.0				7.3	0.0	7.4
Incr Delay (d2), s/veh	0.0	0.2	0.0	0.0	0.0	0.0				0.2	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	4.0	3.2	0.0	3.3	0.0				7.5	0.0	7.8
LnGrp LOS		A	A		A					A		A
Approach Vol, veh/h		594			63						77	
Approach Delay, s/veh		4.0			3.3						7.8	
Approach LOS		A			A						A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		0.0	11.4		6.1		11.4					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		0.0	4.1		2.3		2.2					
Green Ext Time (p_c), s		0.0	2.8		0.2		0.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	4.3
HCM 7th LOS	A

Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	748	465	826	762	0	0	0	0	184	0	106
Future Volume (veh/h)	0	748	465	826	762	0	0	0	0	184	0	106
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	813	505	898	828	0				200	0	115
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1140	509	1033	2472	0				271	0	425
Arrive On Green	0.00	0.32	0.32	0.30	0.70	0.00				0.15	0.00	0.15
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	813	505	898	828	0				200	0	115
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	11.9	18.8	14.6	5.5	0.0				6.3	0.0	2.2
Cycle Q Clear(g_c), s	0.0	11.9	18.8	14.6	5.5	0.0				6.3	0.0	2.2
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1140	509	1033	2472	0				271	0	425
V/C Ratio(X)	0.00	0.71	0.99	0.87	0.33	0.00				0.74	0.00	0.27
Avail Cap(c_a), veh/h	0	1140	509	1138	2580	0				541	0	848
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	17.7	20.0	19.7	3.6	0.0				24.0	0.0	22.2
Incr Delay (d2), s/veh	0.0	2.1	38.0	7.0	0.1	0.0				3.9	0.0	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.2	10.8	5.7	0.7	0.0				2.8	0.0	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.8	58.0	26.6	3.7	0.0				27.8	0.0	22.5
LnGrp LOS		B	E	C	A					C		C
Approach Vol, veh/h		1318			1726						315	
Approach Delay, s/veh		34.5			15.6						25.9	
Approach LOS		C			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	22.2	23.5		13.5		45.7						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	16.6	20.8		8.3		7.5						
Green Ext Time (p_c), s	1.1	0.0		0.7		5.8						

Intersection Summary												
HCM 7th Control Delay, s/veh			24.0									
HCM 7th LOS			C									

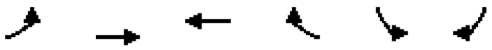
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	551	365	600	747	0	831	0	1009	0	0	0
Future Volume (veh/h)	0	551	365	600	747	0	831	0	1009	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	599	0	652	812	0	903	0	1097			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	698		676	2228	0	936	0	756			
Arrive On Green	0.00	0.20	0.00	0.38	0.63	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	599	0	652	812	0	903	0	1097			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	14.4	0.0	31.6	9.7	0.0	22.8	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	14.4	0.0	31.6	9.7	0.0	22.8	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	698		676	2228	0	936	0	756			
V/C Ratio(X)	0.00	0.86		0.96	0.36	0.00	0.96	0.00	1.45			
Avail Cap(c_a), veh/h	0	769		676	2300	0	936	0	756			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.3	0.0	26.8	8.0	0.0	31.7	0.0	32.2			
Incr Delay (d2), s/veh	0.0	8.9	0.0	25.9	0.1	0.0	21.2	0.0	210.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	6.6	0.0	16.6	2.8	0.0	11.9	0.0	29.9			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	43.2	0.0	52.6	8.1	0.0	53.0	0.0	242.8			
LnGrp LOS		D		D	A		D		F			
Approach Vol, veh/h		599			1464			2000				
Approach Delay, s/veh		43.2			27.9			157.1				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	21.8				59.8		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	33.6	16.4				11.7		25.9				
Green Ext Time (p_c), s	0.0	1.0				5.7		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			93.7									
HCM 7th LOS			F									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1384	104	869	25	1	450
Future Volume (veh/h)	1384	104	869	25	1	450
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1504	113	945	27	0	490
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1459	1351	902	26	336	599
Arrive On Green	0.42	0.72	0.26	0.26	0.00	0.19
Sat Flow, veh/h	3456	1870	3622	101	1781	3170
Grp Volume(v), veh/h	1504	113	476	496	0	490
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	38.0	1.6	23.0	23.0	0.0	13.3
Cycle Q Clear(g_c), s	38.0	1.6	23.0	23.0	0.0	13.3
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1459	1351	454	473	336	599
V/C Ratio(X)	1.03	0.08	1.05	1.05	0.00	0.82
Avail Cap(c_a), veh/h	1459	1351	454	473	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.0	3.7	33.5	33.5	0.0	35.0
Incr Delay (d2), s/veh	31.8	0.0	55.4	54.5	0.0	11.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	21.0	0.5	16.6	17.2	0.0	12.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	57.8	3.7	88.9	88.0	0.0	46.8
LnGrp LOS	F	A	F	F		D
Approach Vol, veh/h		1617	972		490	
Approach Delay, s/veh		54.1	88.4		46.8	
Approach LOS		D	F		D	

Timer - Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				69.0		21.0	42.0	27.0
Change Period (Y+Rc), s				4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s				65.0		17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s				3.6		15.3	40.0	25.0
Green Ext Time (p_c), s				0.7		0.4	0.0	0.0

Intersection Summary								
HCM 7th Control Delay, s/veh			63.8					
HCM 7th LOS			E					

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	60	7	180	214	24	17
Future Vol, veh/h	60	7	180	214	24	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	8	196	233	26	18
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.6	8.8	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	59%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	41%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	60	4	4	180	214	41
LT Vol	60	0	0	0	0	24
Through Vol	0	4	4	180	0	0
RT Vol	0	0	0	0	214	17
Lane Flow Rate	65	4	4	196	233	45
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.1	0.005	0.003	0.263	0.267	0.069
Departure Headway (Hd)	5.501	4.999	3.2	4.838	4.136	5.585
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	653	718	1100	745	872	642
Service Time	3.218	2.715	0.974	2.549	1.847	3.311
HCM Lane V/C Ratio	0.1	0.006	0.004	0.263	0.267	0.07
HCM Control Delay, s/veh	8.8	7.7	6	9.3	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	1.1	1.1	0.2

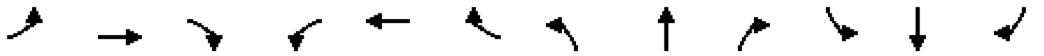
Intersection	
Intersection Delay, s/veh	13.2
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	73	104	74	16	309	41
Future Vol, veh/h	73	104	74	16	309	41
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	79	113	80	17	336	45
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	9	9.7	16.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	88%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	73	52	52	74	16	350
LT Vol	73	0	0	0	0	309
Through Vol	0	52	52	74	0	0
RT Vol	0	0	0	0	16	41
Lane Flow Rate	79	57	57	80	17	380
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.139	0.091	0.063	0.141	0.027	0.593
Departure Headway (Hd)	6.31	5.803	4.044	6.296	5.582	5.609
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	565	613	874	573	645	639
Service Time	4.089	3.582	1.822	3.996	3.282	3.388
HCM Lane V/C Ratio	0.14	0.093	0.065	0.14	0.026	0.595
HCM Control Delay, s/veh	10.1	9.2	7.1	10	8.4	16.3
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.3	0.2	0.5	0.1	3.9

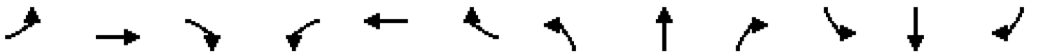
HCM Worksheet
Buildout Pending Baseline



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1003	93	404	2032	0	0	0	0	31	0	194
Future Volume (veh/h)	0	1003	93	404	2032	0	0	0	0	31	0	194
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1090	101	439	2209	0				34	0	211
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1658	153	598	3167	0				631	0	289
Arrive On Green	0.00	0.35	0.35	0.17	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4923	440	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	780	411	439	2209	0				34	0	211
Grp Sat Flow(s),veh/h/ln	0	1702	1791	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.8	8.9	5.5	13.2	0.0				0.4	0.0	5.7
Cycle Q Clear(g_c), s	0.0	8.8	8.9	5.5	13.2	0.0				0.4	0.0	5.7
Prop In Lane	0.00		0.25	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1187	624	598	3167	0				631	0	289
V/C Ratio(X)	0.00	0.66	0.66	0.73	0.70	0.00				0.05	0.00	0.73
Avail Cap(c_a), veh/h	0	1342	706	765	3647	0				1393	0	639
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.6	12.6	17.9	5.8	0.0				15.4	0.0	17.6
Incr Delay (d2), s/veh	0.0	1.0	1.9	2.7	0.5	0.0				0.0	0.0	3.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.3	2.6	1.9	1.2	0.0				0.1	0.0	2.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	13.6	14.5	20.6	6.3	0.0				15.4	0.0	21.1
LnGrp LOS		B	B	C	A					B		C
Approach Vol, veh/h		1191			2648						245	
Approach Delay, s/veh		13.9			8.7						20.3	
Approach LOS		B			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.4	20.4		12.8		32.8					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.5	10.9		7.7		15.2					
Green Ext Time (p_c), s		0.4	3.8		1.0		13.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	10.9
HCM 7th LOS	B



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	837	0	0	1967	56	17	1	38	0	0	0
Future Volume (veh/h)	50	837	0	0	1967	56	17	1	38	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	54	910	0	0	2138	61	12	0	48			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	100	3649	0	0	2787	865	108	0	193			
Arrive On Green	0.06	0.71	0.00	0.00	0.55	0.55	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	54	910	0	0	2138	61	12	0	48			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.2	2.5	0.0	0.0	13.1	0.7	0.3	0.0	0.6			
Cycle Q Clear(g_c), s	1.2	2.5	0.0	0.0	13.1	0.7	0.3	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	100	3649	0	0	2787	865	108	0	193			
V/C Ratio(X)	0.54	0.25	0.00	0.00	0.77	0.07	0.11	0.00	0.25			
Avail Cap(c_a), veh/h	222	4167	0	0	2957	918	814	0	1448			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	18.4	2.0	0.0	0.0	7.1	4.3	17.8	0.0	17.9			
Incr Delay (d2), s/veh	4.4	0.0	0.0	0.0	1.2	0.0	0.4	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.6	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.8	2.0	0.0	0.0	8.3	4.3	18.2	0.0	18.6			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		964			2199			60				
Approach Delay, s/veh		3.2			8.2			18.5				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.9		33.1			6.8	26.4				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.5			3.2	15.1				
Green Ext Time (p_c), s		0.1		6.0			0.0	6.8				

Intersection Summary												
HCM 7th Control Delay, s/veh			6.9									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	849	0	346	0	618	0	0	2214	0
Future Volume (veh/h)	0	0	0	849	0	346	0	618	0	0	2214	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				986	0	238	0	637	0	0	2282	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1147	0	510	0	3219		0	2930	
Arrive On Green				0.32	0.00	0.32	0.00	0.57	0.00	0.00	0.57	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				986	0	238	0	637	0	0	2282	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				22.4	0.0	10.3	0.0	4.7	0.0	0.0	29.7	0.0
Cycle Q Clear(g_c), s				22.4	0.0	10.3	0.0	4.7	0.0	0.0	29.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1147	0	510	0	3219		0	2930	
V/C Ratio(X)				0.86	0.00	0.47	0.00	0.20		0.00	0.78	
Avail Cap(c_a), veh/h				1362	0	606	0	3219		0	3282	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.4	0.0	23.4	0.0	8.8	0.0	0.0	14.2	0.0
Incr Delay (d2), s/veh				5.0	0.0	0.7	0.0	0.0	0.0	0.0	1.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.9	0.0	3.8	0.0	1.5	0.0	0.0	9.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.5	0.0	24.0	0.0	8.9	0.0	0.0	15.3	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1224			637			2282	
Approach Delay, s/veh					30.8			8.9			15.3	
Approach LOS					C			A			B	

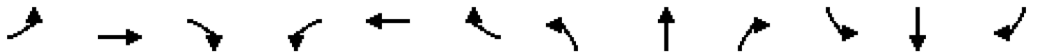
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	54.0	32.3	54.0
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	31.7	24.4	6.7
Green Ext Time (p_c), s	17.8	3.4	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.9
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1301	0	142	0	983	0	0	2008	0
Future Volume (veh/h)	0	0	0	1301	0	142	0	983	0	0	2008	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1341	0	146	0	1013	0	0	2070	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1517	0	696	0	2071		0	2071	
Arrive On Green				0.44	0.00	0.44	0.00	0.41	0.00	0.00	0.41	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1341	0	146	0	1013	0	0	2070	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				20.6	0.0	3.3	0.0	8.5	0.0	0.0	23.5	0.0
Cycle Q Clear(g_c), s				20.6	0.0	3.3	0.0	8.5	0.0	0.0	23.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1517	0	696	0	2071		0	2071	
V/C Ratio(X)				0.88	0.00	0.21	0.00	0.49		0.00	1.00	
Avail Cap(c_a), veh/h				1640	0	752	0	2071		0	2071	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	10.0	0.0	12.8	0.0	0.0	17.2	0.0
Incr Delay (d2), s/veh				5.8	0.0	0.1	0.0	0.2	0.0	0.0	19.6	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				7.9	0.0	1.0	0.0	2.5	0.0	0.0	10.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				20.7	0.0	10.2	0.0	12.9	0.0	0.0	36.8	0.0
LnGrp LOS				C		B		B			D	
Approach Vol, veh/h					1487			1013			2070	
Approach Delay, s/veh					19.7			12.9			36.8	
Approach LOS					B			B			D	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	28.0			28.0		29.9						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	23.5			23.5		27.5						
Max Q Clear Time (g_c+I1), s	10.5			25.5		22.6						
Green Ext Time (p_c), s	5.1			0.0		2.8						

Intersection Summary		
HCM 7th Control Delay, s/veh	26.0	
HCM 7th LOS	C	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	241	0	102	0	0	0	0	1154	0	0	2751	0
Future Volume (veh/h)	241	0	102	0	0	0	0	1154	0	0	2751	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	246	0	104				0	1178	0	0	2807	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	428	0	196				0	3584		0	3584	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	246	0	104				0	1178	0	0	2807	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	18.8	0.0
Cycle Q Clear(g_c), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	18.8	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	428	0	196				0	3584		0	3584	
V/C Ratio(X)	0.57	0.00	0.53				0.00	0.33		0.00	0.78	
Avail Cap(c_a), veh/h	1204	0	552				0	3755		0	3755	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.4	0.0	21.2				0.0	3.0	0.0	0.0	5.1	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.2				0.0	0.1	0.0	0.0	1.1	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	1.2				0.0	0.3	0.0	0.0	1.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.6	0.0	23.4				0.0	3.0	0.0	0.0	6.2	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		350						1178			2807	
Approach Delay, s/veh		22.8						3.0			6.2	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.8		10.9		40.8						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.6		5.5		20.8						
Green Ext Time (p_c), s		8.8		1.0		15.5						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.7
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

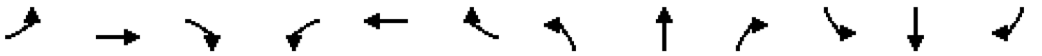
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	1055	230	2361	0	0	2323
Future Volume (veh/h)	1055	230	2361	0	0	2323
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	1077	235	2409	0	0	2370
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1168	520	2595		0	2595
Arrive On Green	0.33	0.33	0.51	0.00	0.00	0.51
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	1077	235	2409	0	0	2370
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	16.0	6.4	24.1	0.0	0.0	23.4
Cycle Q Clear(g_c), s	16.0	6.4	24.1	0.0	0.0	23.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1168	520	2595		0	2595
V/C Ratio(X)	0.92	0.45	0.93		0.00	0.91
Avail Cap(c_a), veh/h	1168	520	2605		0	2605
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	17.8	14.6	12.6	0.0	0.0	12.4
Incr Delay (d2), s/veh	11.9	0.6	6.6	0.0	0.0	5.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.6	2.1	7.2	0.0	0.0	6.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	29.7	15.2	19.2	0.0	0.0	17.9
LnGrp LOS	C	B	B			B
Approach Vol, veh/h	1312		2409			2370
Approach Delay, s/veh	27.1		19.2			17.9
Approach LOS	C		B			B

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	32.4			32.4	22.5
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	26.1			25.4	18.0
Green Ext Time (p_c), s	1.8			2.4	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	20.4
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



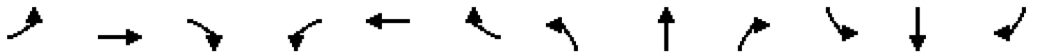
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	119	274	202	11	85	4	29	2	15	160	449	1384
Future Volume (veh/h)	119	274	202	11	85	4	29	2	15	160	449	1384
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	121	280	206	11	87	4	30	2	15	163	458	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	157	754	337	25	491	219	120	484	432	336	626	
Arrive On Green	0.09	0.21	0.21	0.01	0.14	0.14	0.03	0.27	0.27	0.10	0.33	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	121	280	206	11	87	4	30	2	15	163	458	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	3.0	3.0	5.2	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.6	0.0
Cycle Q Clear(g_c), s	3.0	3.0	5.2	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	157	754	337	25	491	219	120	484	432	336	626	
V/C Ratio(X)	0.77	0.37	0.61	0.43	0.18	0.02	0.25	0.00	0.03	0.49	0.73	
Avail Cap(c_a), veh/h	400	1809	807	212	1435	640	388	3519	3139	1217	4153	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	19.9	15.0	15.9	21.8	17.0	16.6	20.9	11.8	11.9	19.1	13.1	0.0
Incr Delay (d2), s/veh	7.6	0.3	1.8	11.2	0.2	0.0	1.1	0.0	0.0	1.1	1.7	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	1.1	1.8	0.2	0.4	0.0	0.2	0.0	0.1	0.8	3.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	27.5	15.3	17.7	32.9	17.1	16.6	22.0	11.8	11.9	20.2	14.7	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		607			102			47			621	
Approach Delay, s/veh		18.6			18.8			18.4			16.2	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	16.6	5.1	14.0	6.1	19.4	8.4	10.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.0	2.3	2.3	7.2	2.4	11.6	5.0	3.0
Green Ext Time (p_c), s	0.4	0.1	0.0	2.2	0.0	3.3	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.5
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

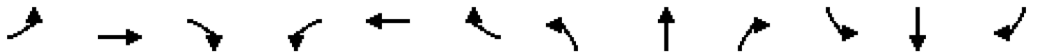


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	96	0	0	0	0	0	0	0	1	0	546
Future Volume (veh/h)	0	96	0	0	0	0	0	0	0	1	0	546
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	104	0	0	0	0				1	0	593
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	689	307	7	689	0				814	855	725
Arrive On Green	0.00	0.19	0.00	0.00	0.00	0.00				0.46	0.00	0.46
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	1870	1585
Grp Volume(v), veh/h	0	104	0	0	0	0				1	0	593
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	1870	1585
Q Serve(g_s), s	0.0	0.6	0.0	0.0	0.0	0.0				0.0	0.0	8.4
Cycle Q Clear(g_c), s	0.0	0.6	0.0	0.0	0.0	0.0				0.0	0.0	8.4
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	689	307	7	689	0				814	855	725
V/C Ratio(X)	0.00	0.15	0.00	0.00	0.00	0.00				0.00	0.00	0.82
Avail Cap(c_a), veh/h	0	2480	1106	345	3789	0				1278	1342	1137
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	0.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.6	0.0	0.0	0.0	0.0				3.8	0.0	6.1
Incr Delay (d2), s/veh	0.0	0.1	0.0	0.0	0.0	0.0				0.0	0.0	2.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.0	0.0	0.0	0.0				0.0	0.0	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.7	0.0	0.0	0.0	0.0				3.8	0.0	8.8
LnGrp LOS		A								A		A
Approach Vol, veh/h		104			0						594	
Approach Delay, s/veh		8.7			0.0						8.8	
Approach LOS		A									A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		0.0	9.5		16.3		9.5					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		0.0	2.6		10.4		0.0					
Green Ext Time (p_c), s		0.0	0.4		1.6		0.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	8.8
HCM 7th LOS	A

Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	213	846	1129	513	0	0	0	0	474	0	857
Future Volume (veh/h)	0	213	846	1129	513	0	0	0	0	474	0	857
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	232	920	1227	558	0				515	0	932
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	232	920	1227	558	0				515	0	932
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	6.1	42.5	38.5	8.3	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	6.1	42.5	38.5	8.3	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.20	1.78	1.20	0.24	0.00				1.06	0.00	1.22
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.5	43.8	45.8	9.0	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	356.7	99.1	0.1	0.0				57.2	0.0	112.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.6	67.1	29.8	2.8	0.0				23.4	0.0	24.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.6	400.5	144.8	9.1	0.0				104.5	0.0	159.4
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1152			1785						1447	
Approach Delay, s/veh		326.2			102.4						139.8	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		10.3
Green Ext Time (p_c), s	0.0	0.0		0.0		3.6

Intersection Summary	
HCM 7th Control Delay, s/veh	173.6
HCM 7th LOS	F

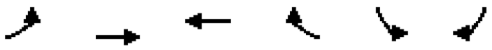
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	627	52	187	1227	0	506	0	928	0	0	0
Future Volume (veh/h)	0	627	52	187	1227	0	506	0	928	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	682	0	203	1334	0	550	0	1009			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	936		249	1731	0	1192	0	962			
Arrive On Green	0.00	0.26	0.00	0.14	0.49	0.00	0.34	0.00	0.34			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	682	0	203	1334	0	550	0	1009			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.4	0.0	5.9	16.5	0.0	6.6	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.4	0.0	5.9	16.5	0.0	6.6	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	936		249	1731	0	1192	0	962			
V/C Ratio(X)	0.00	0.73		0.81	0.77	0.00	0.46	0.00	1.05			
Avail Cap(c_a), veh/h	0	1358		249	2154	0	1192	0	962			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	18.0	0.0	22.4	11.3	0.0	13.7	0.0	17.6			
Incr Delay (d2), s/veh	0.0	1.1	0.0	18.5	1.4	0.0	0.3	0.0	42.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.2	0.0	3.3	4.4	0.0	2.3	0.0	10.7			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.1	0.0	40.9	12.7	0.0	14.0	0.0	60.1			
LnGrp LOS		B		D	B		B		F			
Approach Vol, veh/h		682			1537			1559				
Approach Delay, s/veh		19.1			16.4			43.8				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	12.0	18.6				30.6		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	7.9	11.4				18.5		20.5				
Green Ext Time (p_c), s	0.0	2.7				7.3		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			28.2									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



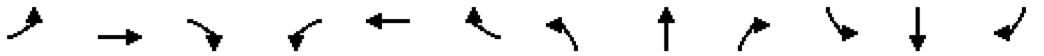
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1107	693	501	194	155	641
Future Volume (veh/h)	1107	693	501	194	155	641
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1203	753	545	211	415	433
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1234	1202	573	221	433	385
Arrive On Green	0.36	0.64	0.23	0.23	0.24	0.24
Sat Flow, veh/h	3456	1870	2600	967	1781	1585
Grp Volume(v), veh/h	1203	753	386	370	415	433
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1696	1781	1585
Q Serve(g_s), s	24.0	16.8	15.0	15.1	16.1	17.0
Cycle Q Clear(g_c), s	24.0	16.8	15.0	15.1	16.1	17.0
Prop In Lane	1.00			0.57	1.00	1.00
Lane Grp Cap(c), veh/h	1234	1202	406	388	433	385
V/C Ratio(X)	0.97	0.63	0.95	0.95	0.96	1.12
Avail Cap(c_a), veh/h	1234	1202	406	388	433	385
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	22.2	7.5	26.6	26.6	26.2	26.5
Incr Delay (d2), s/veh	19.7	1.0	32.1	34.0	34.2	84.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	12.2	5.4	9.6	9.4	10.6	22.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	41.9	8.5	58.7	60.7	60.4	110.8
LnGrp LOS	D	A	E	E	E	F
Approach Vol, veh/h		1956	756		848	
Approach Delay, s/veh		29.1	59.6		86.1	
Approach LOS		C	E		F	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	49.0	21.0	29.0	20.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	45.0	17.0	25.0	16.0
Max Q Clear Time (g_c+I1), s	18.8	19.0	26.0	17.1
Green Ext Time (p_c), s	6.0	0.0	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	49.1
HCM 7th LOS	D

Notes

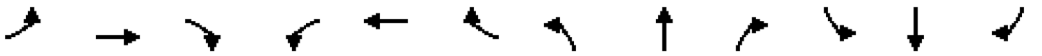
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1757	77	73	2251	0	0	0	0	24	0	88
Future Volume (veh/h)	0	1757	77	73	2251	0	0	0	0	24	0	88
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1869	82	78	2395	0				26	0	94
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2557	112	248	3527	0				313	0	144
Arrive On Green	0.00	0.51	0.51	0.07	0.69	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5184	220	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	1268	683	78	2395	0				26	0	94
Grp Sat Flow(s),veh/h/ln	0	1702	1831	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	12.0	12.0	0.9	11.2	0.0				0.3	0.0	2.4
Cycle Q Clear(g_c), s	0.0	12.0	12.0	0.9	11.2	0.0				0.3	0.0	2.4
Prop In Lane	0.00		0.12	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1735	933	248	3527	0				313	0	144
V/C Ratio(X)	0.00	0.73	0.73	0.31	0.68	0.00				0.08	0.00	0.65
Avail Cap(c_a), veh/h	0	1893	1018	428	4030	0				1553	0	712
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.9	7.9	18.2	3.7	0.0				17.2	0.0	18.1
Incr Delay (d2), s/veh	0.0	1.3	2.5	0.7	0.4	0.0				0.1	0.0	5.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.9	2.4	0.3	0.1	0.0				0.1	0.0	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	9.2	10.4	18.9	4.1	0.0				17.3	0.0	23.1
LnGrp LOS		A	B	B	A					B		C
Approach Vol, veh/h		1951			2473						120	
Approach Delay, s/veh		9.6			4.6						21.8	
Approach LOS		A			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		7.5	25.5		8.2		32.9					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		2.9	14.0		4.4		13.2					
Green Ext Time (p_c), s		0.0	6.7		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	7.2
HCM 7th LOS	A

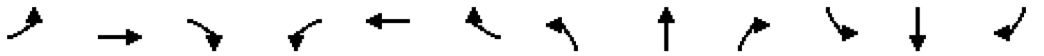


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	93	1494	0	0	2025	54	204	1	349	0	0	0
Future Volume (veh/h)	93	1494	0	0	2025	54	204	1	349	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	99	1589	0	0	2154	57	145	0	449			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	126	3259	0	0	2482	771	355	0	631			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.20	0.00	0.20			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	99	1589	0	0	2154	57	145	0	449			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	3.0	9.0	0.0	0.0	20.8	1.1	3.9	0.0	7.3			
Cycle Q Clear(g_c), s	3.0	9.0	0.0	0.0	20.8	1.1	3.9	0.0	7.3			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	126	3259	0	0	2482	771	355	0	631			
V/C Ratio(X)	0.78	0.49	0.00	0.00	0.87	0.07	0.41	0.00	0.71			
Avail Cap(c_a), veh/h	161	3412	0	0	2536	787	611	0	1088			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	25.3	5.3	0.0	0.0	12.6	7.6	19.3	0.0	20.7			
Incr Delay (d2), s/veh	17.3	0.1	0.0	0.0	3.4	0.0	0.8	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.7	1.2	0.0	0.0	5.6	0.2	1.6	0.0	2.6			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.6	5.4	0.0	0.0	16.1	7.6	20.1	0.0	22.2			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1688			2211			594				
Approach Delay, s/veh		7.6			15.9			21.7				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.5		39.8			8.4	31.4				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		9.3		11.0			5.0	22.8				
Green Ext Time (p_c), s		1.7		11.8			0.0	4.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			13.5									
HCM 7th LOS			B									

Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	630	0	810	0	2321	0	0	1201	0
Future Volume (veh/h)	0	0	0	630	0	810	0	2321	0	0	1201	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				948	0	531	0	2418	0	0	1251	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1318	0	586	0	3047		0	2773	
Arrive On Green				0.37	0.00	0.37	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				948	0	531	0	2418	0	0	1251	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				23.6	0.0	32.8	0.0	35.8	0.0	0.0	15.3	0.0
Cycle Q Clear(g_c), s				23.6	0.0	32.8	0.0	35.8	0.0	0.0	15.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1318	0	586	0	3047		0	2773	
V/C Ratio(X)				0.72	0.00	0.91	0.00	0.79		0.00	0.45	
Avail Cap(c_a), veh/h				1429	0	636	0	3335		0	2773	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.0	0.0	30.9	0.0	19.0	0.0	0.0	14.3	0.0
Incr Delay (d2), s/veh				1.6	0.0	15.9	0.0	1.3	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				10.1	0.0	14.7	0.0	13.6	0.0	0.0	5.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				29.6	0.0	46.8	0.0	20.3	0.0	0.0	14.4	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1479			2418			1251	
Approach Delay, s/veh					35.8			20.3			14.4	
Approach LOS					D			C			B	

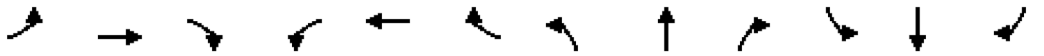
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	60.7	42.8	60.7
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	17.3	34.8	37.8
Green Ext Time (p_c), s	7.4	3.4	18.4

Intersection Summary	
HCM 7th Control Delay, s/veh	23.3
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



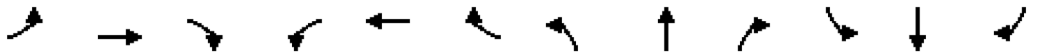
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	887	0	494	0	1924	0	0	1579	0
Future Volume (veh/h)	0	0	0	887	0	494	0	1924	0	0	1579	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				896	0	499	0	1943	0	0	1595	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1288	0	591	0	2245		0	2245	
Arrive On Green				0.37	0.00	0.37	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				896	0	499	0	1943	0	0	1595	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				10.5	0.0	13.8	0.0	16.5	0.0	0.0	12.2	0.0
Cycle Q Clear(g_c), s				10.5	0.0	13.8	0.0	16.5	0.0	0.0	12.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1288	0	591	0	2245		0	2245	
V/C Ratio(X)				0.70	0.00	0.84	0.00	0.87		0.00	0.71	
Avail Cap(c_a), veh/h				1404	0	644	0	2288		0	2288	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.7	0.0	13.8	0.0	12.2	0.0	0.0	11.0	0.0
Incr Delay (d2), s/veh				1.4	0.0	9.4	0.0	3.7	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.5	0.0	5.5	0.0	4.6	0.0	0.0	3.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				14.1	0.0	23.2	0.0	15.9	0.0	0.0	12.0	0.0
LnGrp LOS				B		C		B			B	
Approach Vol, veh/h					1395			1943			1595	
Approach Delay, s/veh					17.4			15.9			12.0	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	25.6			25.6		22.4						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	18.5			14.2		15.8						
Green Ext Time (p_c), s	2.6			5.1		2.1						

Intersection Summary		
HCM 7th Control Delay, s/veh	15.0	
HCM 7th LOS	B	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	291	0	93	0	0	0	0	1642	0	0	1989	0
Future Volume (veh/h)	291	0	93	0	0	0	0	1642	0	0	1989	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	306	0	98				0	1728	0	0	2094	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	535	0	245				0	3238		0	3238	
Arrive On Green	0.15	0.00	0.15				0.00	0.63	0.00	0.00	0.63	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	306	0	98				0	1728	0	0	2094	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.5	0.0	2.4				0.0	8.0	0.0	0.0	10.9	0.0
Cycle Q Clear(g_c), s	3.5	0.0	2.4				0.0	8.0	0.0	0.0	10.9	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	535	0	245				0	3238		0	3238	
V/C Ratio(X)	0.57	0.00	0.40				0.00	0.53		0.00	0.65	
Avail Cap(c_a), veh/h	1458	0	669				0	3949		0	3949	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	16.7	0.0	16.2				0.0	4.3	0.0	0.0	4.8	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.0				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	0.8				0.0	0.5	0.0	0.0	0.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	17.7	0.0	17.3				0.0	4.5	0.0	0.0	5.1	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		404						1728			2094	
Approach Delay, s/veh		17.6						4.5			5.1	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		31.6		11.1		31.6						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		10.0		5.5		12.9						
Green Ext Time (p_c), s		12.6		1.2		14.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.0
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

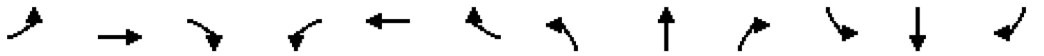
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	160	182	2324	0	0	1989
Future Volume (veh/h)	160	182	2324	0	0	1989
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	243	124	2526	0	0	2162
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	538	239	3094		0	3094
Arrive On Green	0.15	0.15	0.61	0.00	0.00	0.61
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	243	124	2526	0	0	2162
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.3	2.7	14.3	0.0	0.0	10.7
Cycle Q Clear(g_c), s	2.3	2.7	14.3	0.0	0.0	10.7
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	538	239	3094		0	3094
V/C Ratio(X)	0.45	0.52	0.82		0.00	0.70
Avail Cap(c_a), veh/h	1731	770	3171		0	3171
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	14.3	14.5	5.7	0.0	0.0	5.0
Incr Delay (d2), s/veh	0.6	1.7	1.7	0.0	0.0	0.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.9	0.9	0.0	0.0	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	14.9	16.2	7.4	0.0	0.0	5.7
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	367		2526			2162
Approach Delay, s/veh	15.4		7.4			5.7
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	26.9			26.9	10.1
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	16.3			12.7	4.7
Green Ext Time (p_c), s	6.2			8.4	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	7.2
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	450	212	65	35	317	100	129	80	41	456	372	765
Future Volume (veh/h)	450	212	65	35	317	100	129	80	41	456	372	765
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	479	226	69	37	337	106	137	85	44	485	396	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	524	1419	633	65	503	224	224	360	175	554	469	
Arrive On Green	0.29	0.40	0.40	0.04	0.14	0.14	0.06	0.16	0.16	0.16	0.25	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2319	1126	3456	1870	1585
Grp Volume(v), veh/h	479	226	69	37	337	106	137	64	65	485	396	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1668	1728	1870	1585
Q Serve(g_s), s	18.8	3.0	2.0	1.5	6.5	4.4	2.8	2.3	2.5	9.9	14.6	0.0
Cycle Q Clear(g_c), s	18.8	3.0	2.0	1.5	6.5	4.4	2.8	2.3	2.5	9.9	14.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.67	1.00		1.00
Lane Grp Cap(c), veh/h	524	1419	633	65	503	224	224	276	259	554	469	
V/C Ratio(X)	0.91	0.16	0.11	0.57	0.67	0.47	0.61	0.23	0.25	0.88	0.84	
Avail Cap(c_a), veh/h	579	1725	769	158	884	394	244	464	436	554	657	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	24.7	13.9	13.6	34.3	29.4	28.6	32.9	26.8	26.9	29.7	25.8	0.0
Incr Delay (d2), s/veh	18.2	0.1	0.1	7.8	1.5	1.5	3.9	0.4	0.5	14.5	7.1	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.0	1.1	0.7	0.8	2.8	1.7	1.3	1.0	1.0	5.1	7.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.9	14.0	13.7	42.1	31.0	30.1	36.8	27.2	27.4	44.2	32.9	0.0
LnGrp LOS	D	B	B	D	C	C	D	C	C	D	C	
Approach Vol, veh/h		774			480			266			881	
Approach Delay, s/veh		31.8			31.6			32.2			39.1	
Approach LOS		C			C			C			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.1	15.7	7.1	33.4	9.2	22.6	25.8	14.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	11.9	4.5	3.5	5.0	4.8	16.6	20.8	8.5
Green Ext Time (p_c), s	0.0	0.5	0.0	1.7	0.0	1.6	0.5	1.7

Intersection Summary	
HCM 7th Control Delay, s/veh	34.5
HCM 7th LOS	C

Notes

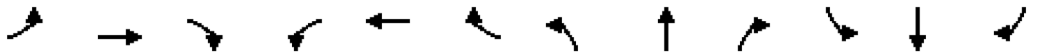
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	387	0	0	0	0	0	0	0	1	0	84
Future Volume (veh/h)	0	387	0	0	0	0	0	0	0	1	0	84
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	421	0	0	0	0				1	0	91
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1194	533	11	1194	0				187	196	166
Arrive On Green	0.00	0.34	0.00	0.00	0.00	0.00				0.10	0.00	0.10
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	1870	1585
Grp Volume(v), veh/h	0	421	0	0	0	0				1	0	91
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	1870	1585
Q Serve(g_s), s	0.0	1.4	0.0	0.0	0.0	0.0				0.0	0.0	0.9
Cycle Q Clear(g_c), s	0.0	1.4	0.0	0.0	0.0	0.0				0.0	0.0	0.9
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1194	533	11	1194	0				187	196	166
V/C Ratio(X)	0.00	0.35	0.00	0.00	0.00	0.00				0.01	0.00	0.55
Avail Cap(c_a), veh/h	0	3974	1773	553	6071	0				2047	2150	1822
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	0.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	4.0	0.0	0.0	0.0	0.0				6.5	0.0	6.8
Incr Delay (d2), s/veh	0.0	0.2	0.0	0.0	0.0	0.0				0.0	0.0	2.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	4.2	0.0	0.0	0.0	0.0				6.5	0.0	9.6
LnGrp LOS		A								A		A
Approach Vol, veh/h		421			0						92	
Approach Delay, s/veh		4.2			0.0						9.6	
Approach LOS		A									A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		0.0	9.9		6.2		9.9					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		0.0	3.4		2.9		0.0					
Green Ext Time (p_c), s		0.0	2.0		0.2		0.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	5.2
HCM 7th LOS	A

Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	727	570	866	723	0	0	0	0	235	0	153
Future Volume (veh/h)	0	727	570	866	723	0	0	0	0	235	0	153
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	790	620	941	786	0				255	0	166
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1073	479	1040	2397	0				325	0	509
Arrive On Green	0.00	0.30	0.30	0.30	0.67	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	790	620	941	786	0				255	0	166
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.6	19.0	16.5	5.8	0.0				8.6	0.0	3.3
Cycle Q Clear(g_c), s	0.0	12.6	19.0	16.5	5.8	0.0				8.6	0.0	3.3
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1073	479	1040	2397	0				325	0	509
V/C Ratio(X)	0.00	0.74	1.30	0.91	0.33	0.00				0.78	0.00	0.33
Avail Cap(c_a), veh/h	0	1073	479	1071	2429	0				510	0	798
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	19.7	22.0	21.1	4.3	0.0				24.5	0.0	22.3
Incr Delay (d2), s/veh	0.0	2.7	147.7	10.7	0.1	0.0				4.2	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.7	25.4	7.0	1.0	0.0				3.8	0.0	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	22.4	169.6	31.8	4.4	0.0				28.7	0.0	22.7
LnGrp LOS		C	F	C	A					C		C
Approach Vol, veh/h		1410			1727						421	
Approach Delay, s/veh		87.1			19.3						26.3	
Approach LOS		F			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	23.4	23.5		16.0		46.9						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	18.5	21.0		10.6		7.8						
Green Ext Time (p_c), s	0.5	0.0		0.9		5.4						

Intersection Summary												
HCM 7th Control Delay, s/veh			47.0									
HCM 7th LOS			D									

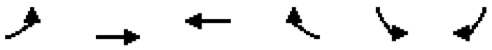
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	624	311	592	827	0	773	0	1108	0	0	0
Future Volume (veh/h)	0	624	311	592	827	0	773	0	1108	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	678	0	643	899	0	840	0	1204			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	748		665	2252	0	920	0	743			
Arrive On Green	0.00	0.21	0.00	0.37	0.63	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	678	0	643	899	0	840	0	1204			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	16.7	0.0	31.8	11.1	0.0	21.2	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	16.7	0.0	31.8	11.1	0.0	21.2	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	748		665	2252	0	920	0	743			
V/C Ratio(X)	0.00	0.91		0.97	0.40	0.00	0.91	0.00	1.62			
Avail Cap(c_a), veh/h	0	756		665	2260	0	920	0	743			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.6	0.0	27.6	8.1	0.0	31.9	0.0	32.9			
Incr Delay (d2), s/veh	0.0	14.6	0.0	26.9	0.1	0.0	13.3	0.0	285.8			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	8.2	0.0	16.9	3.3	0.0	10.2	0.0	37.3			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	49.2	0.0	54.5	8.2	0.0	45.2	0.0	318.8			
LnGrp LOS		D		D	A		D		F			
Approach Vol, veh/h		678			1542			2044				
Approach Delay, s/veh		49.2			27.5			206.3				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	23.4				61.4		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	33.8	18.7				13.1		25.9				
Green Ext Time (p_c), s	0.0	0.2				6.6		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh	116.7	
HCM 7th LOS	F	

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1317	419	819	111	21	477
Future Volume (veh/h)	1317	419	819	111	21	477
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1432	455	890	121	0	543
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1421	1351	838	114	336	599
Arrive On Green	0.41	0.72	0.27	0.27	0.00	0.19
Sat Flow, veh/h	3456	1870	3237	427	1781	3170
Grp Volume(v), veh/h	1432	455	503	508	0	543
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1793	1781	1585
Q Serve(g_s), s	37.0	8.0	24.0	24.0	0.0	15.1
Cycle Q Clear(g_c), s	37.0	8.0	24.0	24.0	0.0	15.1
Prop In Lane	1.00			0.24	1.00	1.00
Lane Grp Cap(c), veh/h	1421	1351	474	478	336	599
V/C Ratio(X)	1.01	0.34	1.06	1.06	0.00	0.91
Avail Cap(c_a), veh/h	1421	1351	474	478	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.5	4.6	33.0	33.0	0.0	35.7
Incr Delay (d2), s/veh	25.8	0.1	58.7	58.6	0.0	19.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	19.4	2.5	17.7	17.9	0.0	13.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	52.3	4.7	91.7	91.6	0.0	55.6
LnGrp LOS	F	A	F	F		E
Approach Vol, veh/h		1887	1011		543	
Approach Delay, s/veh		40.9	91.7		55.6	
Approach LOS		D	F		E	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			69.0		21.0	41.0	28.0
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			65.0		17.0	37.0	24.0
Max Q Clear Time (g_c+I1), s			10.0		17.1	39.0	26.0
Green Ext Time (p_c), s			3.3		0.0	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	58.1
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	51	11	146	254	36	9
Future Vol, veh/h	51	11	146	254	36	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	12	159	276	39	10
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.5	8.8	9.1
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	80%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	20%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	6	6	146	254	45
LT Vol	51	0	0	0	0	36
Through Vol	0	6	6	146	0	0
RT Vol	0	0	0	0	254	9
Lane Flow Rate	55	6	6	159	276	49
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.085	0.008	0.005	0.214	0.318	0.079
Departure Headway (Hd)	5.522	5.02	3.2	4.845	4.144	5.829
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	651	715	1092	744	870	615
Service Time	3.241	2.738	0.996	2.556	1.855	3.558
HCM Lane V/C Ratio	0.084	0.008	0.005	0.214	0.317	0.08
HCM Control Delay, s/veh	8.8	7.8	6	8.9	8.8	9.1
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.8	1.4	0.3

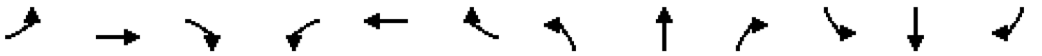
Intersection	
Intersection Delay, s/veh	12.6
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	62	81	77	31	304	23
Future Vol, veh/h	62	81	77	31	304	23
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	67	88	84	34	330	25
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.8	9.4	15.3
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	93%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	7%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	62	41	41	77	31	327
LT Vol	62	0	0	0	0	304
Through Vol	0	41	41	77	0	0
RT Vol	0	0	0	0	31	23
Lane Flow Rate	67	44	44	84	34	355
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.117	0.07	0.049	0.141	0.05	0.555
Departure Headway (Hd)	6.259	5.753	3.995	6.045	5.333	5.623
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	570	619	887	588	665	640
Service Time	4.029	3.522	1.763	3.83	3.117	3.39
HCM Lane V/C Ratio	0.118	0.071	0.05	0.143	0.051	0.555
HCM Control Delay, s/veh	9.9	9	7	9.8	8.4	15.3
HCM Lane LOS	A	A	A	A	A	C
HCM 95th-tile Q	0.4	0.2	0.2	0.5	0.2	3.4

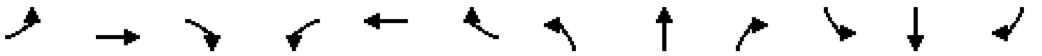
HCM Worksheet
Buildout Pending Plus Project



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	995	93	411	2037	0	0	0	0	32	0	193
Future Volume (veh/h)	0	995	93	411	2037	0	0	0	0	32	0	193
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1082	101	447	2214	0				35	0	210
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1650	154	605	3170	0				629	0	289
Arrive On Green	0.00	0.35	0.35	0.18	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4920	443	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	775	408	447	2214	0				35	0	210
Grp Sat Flow(s),veh/h/ln	0	1702	1791	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.8	8.8	5.6	13.3	0.0				0.4	0.0	5.7
Cycle Q Clear(g_c), s	0.0	8.8	8.8	5.6	13.3	0.0				0.4	0.0	5.7
Prop In Lane	0.00		0.25	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1182	622	605	3170	0				629	0	289
V/C Ratio(X)	0.00	0.66	0.66	0.74	0.70	0.00				0.06	0.00	0.73
Avail Cap(c_a), veh/h	0	1342	706	764	3646	0				1393	0	639
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.6	12.6	17.8	5.8	0.0				15.4	0.0	17.6
Incr Delay (d2), s/veh	0.0	1.0	1.9	2.9	0.5	0.0				0.0	0.0	3.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.3	2.6	1.9	1.2	0.0				0.1	0.0	2.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	13.6	14.5	20.7	6.3	0.0				15.5	0.0	21.1
LnGrp LOS		B	B	C	A					B		C
Approach Vol, veh/h		1183			2661						245	
Approach Delay, s/veh		13.9			8.7						20.3	
Approach LOS		B			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.5	20.4		12.8		32.8					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.6	10.8		7.7		15.3					
Green Ext Time (p_c), s		0.4	3.8		1.0		13.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	10.9
HCM 7th LOS	B



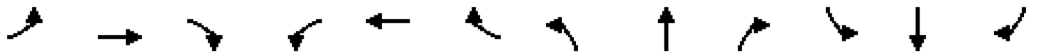
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	49	832	0	0	1977	58	17	1	39	0	0	0
Future Volume (veh/h)	49	832	0	0	1977	58	17	1	39	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	53	904	0	0	2149	63	12	0	49			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	99	3647	0	0	2790	866	110	0	195			
Arrive On Green	0.06	0.71	0.00	0.00	0.55	0.55	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	53	904	0	0	2149	63	12	0	49			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.2	2.5	0.0	0.0	13.2	0.8	0.3	0.0	0.6			
Cycle Q Clear(g_c), s	1.2	2.5	0.0	0.0	13.2	0.8	0.3	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	99	3647	0	0	2790	866	110	0	195			
V/C Ratio(X)	0.54	0.25	0.00	0.00	0.77	0.07	0.11	0.00	0.25			
Avail Cap(c_a), veh/h	222	4162	0	0	2953	917	813	0	1446			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	18.4	2.0	0.0	0.0	7.1	4.3	17.8	0.0	17.9			
Incr Delay (d2), s/veh	4.4	0.0	0.0	0.0	1.2	0.0	0.4	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.6	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.9	2.0	0.0	0.0	8.4	4.3	18.2	0.0	18.6			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		957			2212			61				
Approach Delay, s/veh		3.2			8.2			18.5				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		7.0		33.2			6.7	26.4				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.5			3.2	15.2				
Green Ext Time (p_c), s		0.1		5.9			0.0	6.7				

Intersection Summary												
HCM 7th Control Delay, s/veh			6.9									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	827	0	361	0	619	0	0	2263	0
Future Volume (veh/h)	0	0	0	827	0	361	0	619	0	0	2263	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				969	0	248	0	638	0	0	2333	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1131	0	503	0	3248		0	2956	
Arrive On Green				0.32	0.00	0.32	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				969	0	248	0	638	0	0	2333	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				22.2	0.0	11.0	0.0	4.7	0.0	0.0	30.8	0.0
Cycle Q Clear(g_c), s				22.2	0.0	11.0	0.0	4.7	0.0	0.0	30.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1131	0	503	0	3248		0	2956	
V/C Ratio(X)				0.86	0.00	0.49	0.00	0.20		0.00	0.79	
Avail Cap(c_a), veh/h				1353	0	602	0	3248		0	3261	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.8	0.0	24.0	0.0	8.7	0.0	0.0	14.2	0.0
Incr Delay (d2), s/veh				4.9	0.0	0.7	0.0	0.0	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.8	0.0	4.1	0.0	1.5	0.0	0.0	9.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.7	0.0	24.7	0.0	8.7	0.0	0.0	15.4	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1217			638			2333	
Approach Delay, s/veh					31.1			8.7			15.4	
Approach LOS					C			A			B	

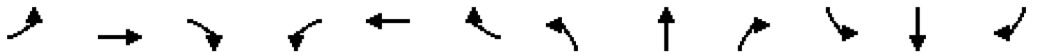
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	54.8	32.1	54.8
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	32.8	24.2	6.7
Green Ext Time (p_c), s	17.5	3.4	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	19.0
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



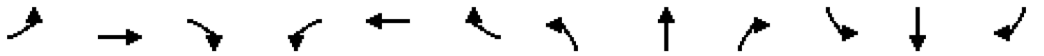
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1298	0	145	0	984	0	0	2084	0
Future Volume (veh/h)	0	0	0	1298	0	145	0	984	0	0	2084	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1338	0	149	0	1014	0	0	2148	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1516	0	695	0	2073		0	2073	
Arrive On Green				0.44	0.00	0.44	0.00	0.41	0.00	0.00	0.41	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1338	0	149	0	1014	0	0	2148	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				20.5	0.0	3.4	0.0	8.5	0.0	0.0	23.5	0.0
Cycle Q Clear(g_c), s				20.5	0.0	3.4	0.0	8.5	0.0	0.0	23.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1516	0	695	0	2073		0	2073	
V/C Ratio(X)				0.88	0.00	0.21	0.00	0.49		0.00	1.04	
Avail Cap(c_a), veh/h				1642	0	753	0	2073		0	2073	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	10.1	0.0	12.7	0.0	0.0	17.2	0.0
Incr Delay (d2), s/veh				5.7	0.0	0.2	0.0	0.2	0.0	0.0	29.9	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				7.9	0.0	1.0	0.0	2.5	0.0	0.0	12.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				20.6	0.0	10.2	0.0	12.9	0.0	0.0	47.1	0.0
LnGrp LOS				C		B		B			F	
Approach Vol, veh/h					1487			1014			2148	
Approach Delay, s/veh					19.6			12.9			47.1	
Approach LOS					B			B			D	

Timer - Assigned Phs	2			6		8		
Phs Duration (G+Y+Rc), s	28.0			28.0		29.9		
Change Period (Y+Rc), s	4.5			4.5		4.5		
Max Green Setting (Gmax), s	23.5			23.5		27.5		
Max Q Clear Time (g_c+I1), s	10.5			25.5		22.5		
Green Ext Time (p_c), s	5.1			0.0		2.9		

Intersection Summary		
HCM 7th Control Delay, s/veh	30.8	
HCM 7th LOS	C	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	243	0	101	0	0	0	0	1153	0	0	2779	0
Future Volume (veh/h)	243	0	101	0	0	0	0	1153	0	0	2779	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	248	0	103				0	1177	0	0	2836	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	430	0	197				0	3586		0	3586	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	248	0	103				0	1177	0	0	2836	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	19.3	0.0
Cycle Q Clear(g_c), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	19.3	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	430	0	197				0	3586		0	3586	
V/C Ratio(X)	0.58	0.00	0.52				0.00	0.33		0.00	0.79	
Avail Cap(c_a), veh/h	1199	0	550				0	3739		0	3739	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.4	0.0	21.3				0.0	3.0	0.0	0.0	5.2	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.1				0.0	0.1	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	1.2				0.0	0.3	0.0	0.0	1.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.7	0.0	23.4				0.0	3.0	0.0	0.0	6.3	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		351						1177			2836	
Approach Delay, s/veh		22.9						3.0			6.3	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.9		11.0		40.9						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.6		5.5		21.3						
Green Ext Time (p_c), s		8.8		1.0		15.1						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.8
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

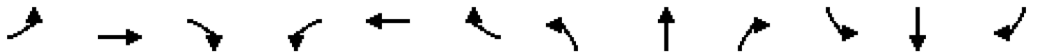
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	1059	227	2359	0	0	2315
Future Volume (veh/h)	1059	227	2359	0	0	2315
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	1081	232	2407	0	0	2362
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1168	520	2594		0	2594
Arrive On Green	0.33	0.33	0.51	0.00	0.00	0.51
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	1081	232	2407	0	0	2362
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	16.1	6.3	24.1	0.0	0.0	23.2
Cycle Q Clear(g_c), s	16.1	6.3	24.1	0.0	0.0	23.2
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1168	520	2594		0	2594
V/C Ratio(X)	0.93	0.45	0.93		0.00	0.91
Avail Cap(c_a), veh/h	1168	520	2605		0	2605
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	17.8	14.5	12.6	0.0	0.0	12.4
Incr Delay (d2), s/veh	12.3	0.6	6.5	0.0	0.0	5.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.7	2.1	7.2	0.0	0.0	6.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	30.1	15.1	19.1	0.0	0.0	17.7
LnGrp LOS	C	B	B			B
Approach Vol, veh/h	1313		2407			2362
Approach Delay, s/veh	27.5		19.1			17.7
Approach LOS	C		B			B

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	32.4			32.4	22.5
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	26.1			25.2	18.1
Green Ext Time (p_c), s	1.8			2.6	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	20.4
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



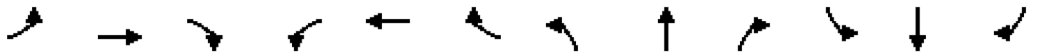
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	119	273	202	11	85	4	29	2	15	161	451	1382
Future Volume (veh/h)	119	273	202	11	85	4	29	2	15	161	451	1382
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	121	279	206	11	87	4	30	2	15	164	460	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	157	753	336	25	490	219	120	486	433	336	628	
Arrive On Green	0.09	0.21	0.21	0.01	0.14	0.14	0.03	0.27	0.27	0.10	0.34	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	121	279	206	11	87	4	30	2	15	164	460	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	3.0	3.0	5.3	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.7	0.0
Cycle Q Clear(g_c), s	3.0	3.0	5.3	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.7	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	157	753	336	25	490	219	120	486	433	336	628	
V/C Ratio(X)	0.77	0.37	0.61	0.43	0.18	0.02	0.25	0.00	0.03	0.49	0.73	
Avail Cap(c_a), veh/h	399	1806	805	211	1432	639	387	3512	3133	1215	4145	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	19.9	15.0	15.9	21.8	17.0	16.6	21.0	11.8	11.9	19.1	13.1	0.0
Incr Delay (d2), s/veh	7.6	0.3	1.8	11.2	0.2	0.0	1.1	0.0	0.0	1.1	1.7	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	1.1	1.8	0.2	0.4	0.0	0.2	0.0	0.1	0.8	3.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	27.5	15.4	17.8	33.0	17.2	16.7	22.1	11.8	11.9	20.2	14.7	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		606			102			47			624	
Approach Delay, s/veh		18.6			18.9			18.4			16.2	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	16.7	5.1	14.0	6.1	19.5	8.4	10.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.0	2.3	2.3	7.3	2.4	11.7	5.0	3.0
Green Ext Time (p_c), s	0.4	0.1	0.0	2.2	0.0	3.3	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.5
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

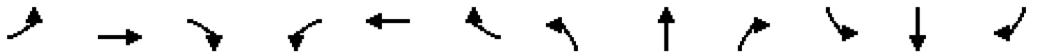


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	107	0	0	1	0	0	0	0	1	0	540
Future Volume (veh/h)	0	107	0	0	1	0	0	0	0	1	0	540
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	116	0	0	1	0				1	0	587
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	693	309	7	693	0				809	849	720
Arrive On Green	0.00	0.19	0.00	0.00	0.19	0.00				0.45	0.00	0.45
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	1870	1585
Grp Volume(v), veh/h	0	116	0	0	1	0				1	0	587
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	1870	1585
Q Serve(g_s), s	0.0	0.7	0.0	0.0	0.0	0.0				0.0	0.0	8.2
Cycle Q Clear(g_c), s	0.0	0.7	0.0	0.0	0.0	0.0				0.0	0.0	8.2
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	693	309	7	693	0				809	849	720
V/C Ratio(X)	0.00	0.17	0.00	0.00	0.00	0.00				0.00	0.00	0.82
Avail Cap(c_a), veh/h	0	2495	1113	347	3811	0				1285	1349	1144
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.6	0.0	0.0	8.3	0.0				3.8	0.0	6.1
Incr Delay (d2), s/veh	0.0	0.1	0.0	0.0	0.0	0.0				0.0	0.0	2.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.0	0.0	0.0	0.0				0.0	0.0	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	8.7	0.0	0.0	8.3	0.0				3.8	0.0	8.6
LnGrp LOS		A			A					A		A
Approach Vol, veh/h		116			1						588	
Approach Delay, s/veh		8.7			8.3						8.6	
Approach LOS		A			A						A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		0.0	9.5		16.1		9.5					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		0.0	2.7		10.2		2.0					
Green Ext Time (p_c), s		0.0	0.4		1.6		0.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	8.6
HCM 7th LOS	A

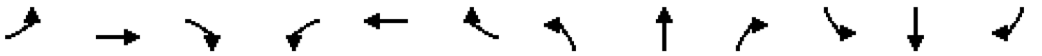
Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	211	857	1134	507	0	0	0	0	476	0	866
Future Volume (veh/h)	0	211	857	1134	507	0	0	0	0	476	0	866
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	229	932	1233	551	0				517	0	941
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	229	932	1233	551	0				517	0	941
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	6.0	42.5	38.5	8.2	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	6.0	42.5	38.5	8.2	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.20	1.80	1.20	0.24	0.00				1.06	0.00	1.24
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.5	43.8	45.8	9.0	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	367.0	101.5	0.1	0.0				58.5	0.0	117.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.5	68.6	30.2	2.8	0.0				23.5	0.0	24.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.6	410.8	147.3	9.1	0.0				105.8	0.0	164.3
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1161			1784						1458	
Approach Delay, s/veh		336.0			104.6						143.6	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5						
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		10.2						
Green Ext Time (p_c), s	0.0	0.0		0.0		3.6						

Intersection Summary												
HCM 7th Control Delay, s/veh			178.5									
HCM 7th LOS			F									



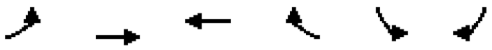
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	625	53	189	1220	0	514	0	933	0	0	0
Future Volume (veh/h)	0	625	53	189	1220	0	514	0	933	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	679	0	205	1326	0	559	0	1014			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	934		249	1730	0	1193	0	963			
Arrive On Green	0.00	0.26	0.00	0.14	0.49	0.00	0.35	0.00	0.35			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	679	0	205	1326	0	559	0	1014			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.3	0.0	6.0	16.4	0.0	6.8	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.3	0.0	6.0	16.4	0.0	6.8	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	934		249	1730	0	1193	0	963			
V/C Ratio(X)	0.00	0.73		0.82	0.77	0.00	0.47	0.00	1.05			
Avail Cap(c_a), veh/h	0	1360		249	2156	0	1193	0	963			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	18.0	0.0	22.4	11.3	0.0	13.7	0.0	17.5			
Incr Delay (d2), s/veh	0.0	1.1	0.0	19.4	1.3	0.0	0.3	0.0	43.9			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.2	0.0	3.4	4.4	0.0	2.3	0.0	10.9			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.1	0.0	41.8	12.6	0.0	14.0	0.0	61.4			
LnGrp LOS		B		D	B		B		F			
Approach Vol, veh/h		679			1531			1573				
Approach Delay, s/veh		19.1			16.5			44.6				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	12.0	18.6				30.6		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	8.0	11.3				18.4		20.5				
Green Ext Time (p_c), s	0.0	2.7				7.3		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			28.6									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



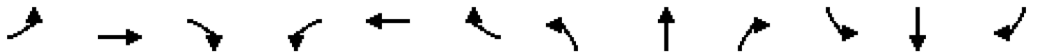
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1115	690	489	197	160	643
Future Volume (veh/h)	1115	690	489	197	160	643
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1212	750	532	214	419	437
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1234	1202	566	227	433	385
Arrive On Green	0.36	0.64	0.23	0.23	0.24	0.24
Sat Flow, veh/h	3456	1870	2570	992	1781	1585
Grp Volume(v), veh/h	1212	750	381	365	419	437
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1692	1781	1585
Q Serve(g_s), s	24.3	16.7	14.7	14.8	16.3	17.0
Cycle Q Clear(g_c), s	24.3	16.7	14.7	14.8	16.3	17.0
Prop In Lane	1.00			0.59	1.00	1.00
Lane Grp Cap(c), veh/h	1234	1202	406	387	433	385
V/C Ratio(X)	0.98	0.62	0.94	0.94	0.97	1.14
Avail Cap(c_a), veh/h	1234	1202	406	387	433	385
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	22.3	7.5	26.5	26.6	26.2	26.5
Incr Delay (d2), s/veh	21.3	1.0	29.6	31.6	36.1	88.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	12.6	5.4	9.2	9.0	10.9	22.6
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	43.6	8.5	56.1	58.1	62.3	114.5
LnGrp LOS	D	A	E	E	E	F
Approach Vol, veh/h		1962	746		856	
Approach Delay, s/veh		30.2	57.1		89.0	
Approach LOS		C	E		F	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	49.0	21.0	29.0	20.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	45.0	17.0	25.0	16.0
Max Q Clear Time (g_c+I1), s	18.7	19.0	26.3	16.8
Green Ext Time (p_c), s	6.0	0.0	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	49.9
HCM 7th LOS	D

Notes

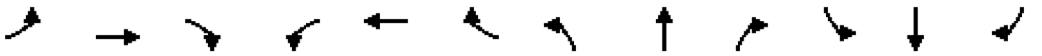
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1778	74	76	2255	0	0	0	0	26	0	86
Future Volume (veh/h)	0	1778	74	76	2255	0	0	0	0	26	0	86
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1891	79	81	2399	0				28	0	91
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2557	107	253	3529	0				312	0	143
Arrive On Green	0.00	0.51	0.51	0.07	0.69	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5195	210	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	1279	691	81	2399	0				28	0	91
Grp Sat Flow(s),veh/h/ln	0	1702	1833	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	12.2	12.2	0.9	11.3	0.0				0.3	0.0	2.3
Cycle Q Clear(g_c), s	0.0	12.2	12.2	0.9	11.3	0.0				0.3	0.0	2.3
Prop In Lane	0.00		0.11	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1731	932	253	3529	0				312	0	143
V/C Ratio(X)	0.00	0.74	0.74	0.32	0.68	0.00				0.09	0.00	0.64
Avail Cap(c_a), veh/h	0	1893	1019	428	4029	0				1552	0	712
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.0	8.0	18.1	3.7	0.0				17.2	0.0	18.1
Incr Delay (d2), s/veh	0.0	1.4	2.7	0.7	0.4	0.0				0.1	0.0	4.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.0	2.5	0.3	0.1	0.0				0.1	0.0	0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	9.4	10.6	18.8	4.1	0.0				17.3	0.0	22.7
LnGrp LOS		A	B	B	A					B		C
Approach Vol, veh/h		1970			2480						119	
Approach Delay, s/veh		9.8			4.6						21.4	
Approach LOS		A			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		7.5	25.4		8.2		33.0					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		2.9	14.2		4.3		13.3					
Green Ext Time (p_c), s		0.0	6.6		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	7.3
HCM 7th LOS	A



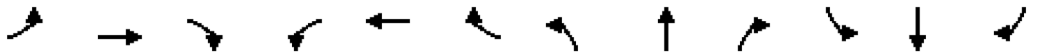
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	94	1512	0	0	2036	54	205	1	351	0	0	0
Future Volume (veh/h)	94	1512	0	0	2036	54	205	1	351	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	100	1609	0	0	2166	57	146	0	451			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	128	3260	0	0	2480	770	356	0	633			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.20	0.00	0.20			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	100	1609	0	0	2166	57	146	0	451			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	3.1	9.2	0.0	0.0	21.0	1.1	4.0	0.0	7.4			
Cycle Q Clear(g_c), s	3.1	9.2	0.0	0.0	21.0	1.1	4.0	0.0	7.4			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	128	3260	0	0	2480	770	356	0	633			
V/C Ratio(X)	0.78	0.49	0.00	0.00	0.87	0.07	0.41	0.00	0.71			
Avail Cap(c_a), veh/h	160	3401	0	0	2528	785	609	0	1084			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	25.4	5.3	0.0	0.0	12.8	7.6	19.4	0.0	20.7			
Incr Delay (d2), s/veh	17.6	0.1	0.0	0.0	3.7	0.0	0.8	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.7	1.3	0.0	0.0	5.8	0.2	1.6	0.0	2.6			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	43.0	5.4	0.0	0.0	16.4	7.7	20.1	0.0	22.3			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1709			2223			597				
Approach Delay, s/veh		7.6			16.2			21.7				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.6		40.0			8.5	31.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		9.4		11.2			5.1	23.0				
Green Ext Time (p_c), s		1.7		12.0			0.0	3.9				

Intersection Summary												
HCM 7th Control Delay, s/veh			13.7									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	620	0	849	0	2345	0	0	1236	0
Future Volume (veh/h)	0	0	0	620	0	849	0	2345	0	0	1236	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				958	0	550	0	2443	0	0	1288	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1337	0	595	0	3027		0	2755	
Arrive On Green				0.38	0.00	0.38	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				958	0	550	0	2443	0	0	1288	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				24.3	0.0	35.1	0.0	37.5	0.0	0.0	16.4	0.0
Cycle Q Clear(g_c), s				24.3	0.0	35.1	0.0	37.5	0.0	0.0	16.4	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1337	0	595	0	3027		0	2755	
V/C Ratio(X)				0.72	0.00	0.92	0.00	0.81		0.00	0.47	
Avail Cap(c_a), veh/h				1400	0	623	0	3268		0	2755	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.2	0.0	31.6	0.0	19.8	0.0	0.0	15.0	0.0
Incr Delay (d2), s/veh				1.7	0.0	19.3	0.0	1.5	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				10.4	0.0	16.2	0.0	14.4	0.0	0.0	5.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				29.9	0.0	50.9	0.0	21.3	0.0	0.0	15.1	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1508			2443			1288	
Approach Delay, s/veh					37.5			21.3			15.1	
Approach LOS					D			C			B	

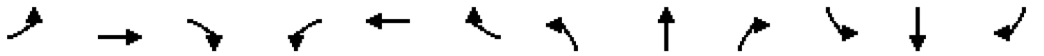
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.5	44.1	61.5
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	18.4	37.1	39.5
Green Ext Time (p_c), s	7.4	2.6	17.5

Intersection Summary	
HCM 7th Control Delay, s/veh	24.5
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



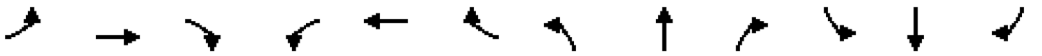
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	892	0	488	0	1947	0	0	1631	0
Future Volume (veh/h)	0	0	0	892	0	488	0	1947	0	0	1631	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				901	0	493	0	1967	0	0	1647	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1281	0	588	0	2254		0	2254	
Arrive On Green				0.37	0.00	0.37	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				901	0	493	0	1967	0	0	1647	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				10.6	0.0	13.6	0.0	16.8	0.0	0.0	12.7	0.0
Cycle Q Clear(g_c), s				10.6	0.0	13.6	0.0	16.8	0.0	0.0	12.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1281	0	588	0	2254		0	2254	
V/C Ratio(X)				0.70	0.00	0.84	0.00	0.87		0.00	0.73	
Avail Cap(c_a), veh/h				1406	0	645	0	2291		0	2291	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.8	0.0	13.8	0.0	12.2	0.0	0.0	11.0	0.0
Incr Delay (d2), s/veh				1.4	0.0	8.9	0.0	4.0	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.6	0.0	5.4	0.0	4.7	0.0	0.0	3.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				14.3	0.0	22.7	0.0	16.1	0.0	0.0	12.2	0.0
LnGrp LOS				B		C		B			B	
Approach Vol, veh/h					1394			1967			1647	
Approach Delay, s/veh					17.3			16.1			12.2	
Approach LOS					B			B			B	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	25.7		25.7	22.3
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	21.5		21.5	19.5
Max Q Clear Time (g_c+I1), s	18.8		14.7	15.6
Green Ext Time (p_c), s	2.4		4.9	2.2

Intersection Summary	
HCM 7th Control Delay, s/veh	15.2
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	295	0	93	0	0	0	0	1653	0	0	2008	0
Future Volume (veh/h)	295	0	93	0	0	0	0	1653	0	0	2008	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	311	0	98				0	1740	0	0	2114	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	539	0	247				0	3241		0	3241	
Arrive On Green	0.16	0.00	0.16				0.00	0.63	0.00	0.00	0.63	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	311	0	98				0	1740	0	0	2114	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.6	0.0	2.4				0.0	8.1	0.0	0.0	11.1	0.0
Cycle Q Clear(g_c), s	3.6	0.0	2.4				0.0	8.1	0.0	0.0	11.1	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	539	0	247				0	3241		0	3241	
V/C Ratio(X)	0.58	0.00	0.40				0.00	0.54		0.00	0.65	
Avail Cap(c_a), veh/h	1446	0	663				0	3916		0	3916	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	16.8	0.0	16.3				0.0	4.4	0.0	0.0	4.9	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.0				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	0.8				0.0	0.6	0.0	0.0	0.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	17.8	0.0	17.4				0.0	4.5	0.0	0.0	5.2	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		409						1740			2114	
Approach Delay, s/veh		17.7						4.5			5.2	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		31.8		11.2		31.8						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		10.1		5.6		13.1						
Green Ext Time (p_c), s		12.7		1.2		14.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.1
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

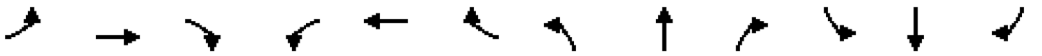
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	160	182	2330	0	0	1990
Future Volume (veh/h)	160	182	2330	0	0	1990
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	243	124	2533	0	0	2163
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	538	239	3095		0	3095
Arrive On Green	0.15	0.15	0.61	0.00	0.00	0.61
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	243	124	2533	0	0	2163
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.3	2.7	14.4	0.0	0.0	10.7
Cycle Q Clear(g_c), s	2.3	2.7	14.4	0.0	0.0	10.7
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	538	239	3095		0	3095
V/C Ratio(X)	0.45	0.52	0.82		0.00	0.70
Avail Cap(c_a), veh/h	1731	770	3169		0	3169
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	14.3	14.5	5.7	0.0	0.0	5.0
Incr Delay (d2), s/veh	0.6	1.7	1.8	0.0	0.0	0.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.9	0.9	0.0	0.0	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	14.9	16.2	7.5	0.0	0.0	5.7
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	367		2533			2163
Approach Delay, s/veh	15.4		7.5			5.7
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	27.0			27.0	10.1
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	16.4			12.7	4.7
Green Ext Time (p_c), s	6.1			8.4	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	7.3
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	452	215	67	36	320	100	127	78	40	456	381	768
Future Volume (veh/h)	452	215	67	36	320	100	127	78	40	456	381	768
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	481	229	71	38	340	106	135	83	43	485	405	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	524	1419	633	65	504	225	221	371	180	547	476	
Arrive On Green	0.29	0.40	0.40	0.04	0.14	0.14	0.06	0.16	0.16	0.16	0.25	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2319	1126	3456	1870	1585
Grp Volume(v), veh/h	481	229	71	38	340	106	135	62	64	485	405	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1668	1728	1870	1585
Q Serve(g_s), s	19.1	3.0	2.1	1.5	6.7	4.5	2.8	2.2	2.4	10.1	15.1	0.0
Cycle Q Clear(g_c), s	19.1	3.0	2.1	1.5	6.7	4.5	2.8	2.2	2.4	10.1	15.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.68	1.00		1.00
Lane Grp Cap(c), veh/h	524	1419	633	65	504	225	221	285	267	547	476	
V/C Ratio(X)	0.92	0.16	0.11	0.58	0.67	0.47	0.61	0.22	0.24	0.89	0.85	
Avail Cap(c_a), veh/h	571	1701	759	156	873	389	240	458	430	547	648	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	25.0	14.1	13.8	34.8	29.9	28.9	33.4	26.8	26.9	30.2	26.0	0.0
Incr Delay (d2), s/veh	19.0	0.1	0.1	7.9	1.6	1.5	3.9	0.4	0.5	16.1	7.9	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.3	1.2	0.7	0.8	2.9	1.8	1.3	0.9	1.0	5.2	7.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	44.0	14.2	13.9	42.6	31.4	30.5	37.4	27.2	27.3	46.4	33.9	0.0
LnGrp LOS	D	B	B	D	C	C	D	C	C	D	C	
Approach Vol, veh/h		781			484			261			890	
Approach Delay, s/veh		32.5			32.1			32.5			40.7	
Approach LOS		C			C			C			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.1	16.2	7.2	33.8	9.2	23.2	26.1	14.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	12.1	4.4	3.5	5.0	4.8	17.1	21.1	8.7
Green Ext Time (p_c), s	0.0	0.5	0.0	1.7	0.0	1.6	0.4	1.7

Intersection Summary	
HCM 7th Control Delay, s/veh	35.5
HCM 7th LOS	D

Notes

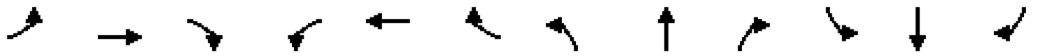
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	342	0	0	0	0	0	0	0	1	0	98
Future Volume (veh/h)	0	342	0	0	0	0	0	0	0	1	0	98
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	372	0	0	0	0				1	0	107
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1118	499	11	1118	0				213	223	189
Arrive On Green	0.00	0.31	0.00	0.00	0.00	0.00				0.12	0.00	0.12
Sat Flow, veh/h	0	3647	1585	1781	3647	0				1781	1870	1585
Grp Volume(v), veh/h	0	372	0	0	0	0				1	0	107
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0				1781	1870	1585
Q Serve(g_s), s	0.0	1.3	0.0	0.0	0.0	0.0				0.0	0.0	1.0
Cycle Q Clear(g_c), s	0.0	1.3	0.0	0.0	0.0	0.0				0.0	0.0	1.0
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1118	499	11	1118	0				213	223	189
V/C Ratio(X)	0.00	0.33	0.00	0.00	0.00	0.00				0.00	0.00	0.57
Avail Cap(c_a), veh/h	0	4024	1795	560	6148	0				2073	2177	1845
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.00	0.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	4.2	0.0	0.0	0.0	0.0				6.2	0.0	6.6
Incr Delay (d2), s/veh	0.0	0.2	0.0	0.0	0.0	0.0				0.0	0.0	2.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	4.3	0.0	0.0	0.0	0.0				6.2	0.0	9.3
LnGrp LOS		A								A		A
Approach Vol, veh/h		372			0						108	
Approach Delay, s/veh		4.3			0.0						9.2	
Approach LOS		A									A	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		0.0	9.5		6.4		9.5					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.0	18.0		18.5		27.5					
Max Q Clear Time (g_c+I1), s		0.0	3.3		3.0		0.0					
Green Ext Time (p_c), s		0.0	1.7		0.2		0.0					

Intersection Summary	
HCM 7th Control Delay, s/veh	5.4
HCM 7th LOS	A

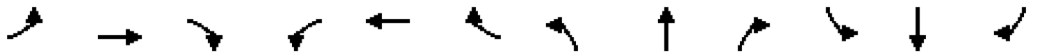
Notes
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	733	589	861	721	0	0	0	0	231	0	156
Future Volume (veh/h)	0	733	589	861	721	0	0	0	0	231	0	156
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	797	640	936	784	0				251	0	170
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1078	481	1038	2401	0				322	0	504
Arrive On Green	0.00	0.30	0.30	0.30	0.68	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	797	640	936	784	0				251	0	170
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.6	19.0	16.3	5.8	0.0				8.4	0.0	3.3
Cycle Q Clear(g_c), s	0.0	12.6	19.0	16.3	5.8	0.0				8.4	0.0	3.3
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1078	481	1038	2401	0				322	0	504
V/C Ratio(X)	0.00	0.74	1.33	0.90	0.33	0.00				0.78	0.00	0.34
Avail Cap(c_a), veh/h	0	1078	481	1076	2439	0				512	0	802
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	19.6	21.8	21.0	4.2	0.0				24.5	0.0	22.4
Incr Delay (d2), s/veh	0.0	2.7	162.8	10.3	0.1	0.0				4.1	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.7	27.5	6.9	1.0	0.0				3.7	0.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	22.3	184.7	31.3	4.3	0.0				28.6	0.0	22.8
LnGrp LOS		C	F	C	A					C		C
Approach Vol, veh/h		1437			1720						421	
Approach Delay, s/veh		94.6			19.0						26.2	
Approach LOS		F			B						C	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	23.3	23.5		15.8		46.8
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0
Max Q Clear Time (g_c+I1), s	18.3	21.0		10.4		7.8
Green Ext Time (p_c), s	0.5	0.0		0.9		5.4

Intersection Summary	
HCM 7th Control Delay, s/veh	50.2
HCM 7th LOS	D



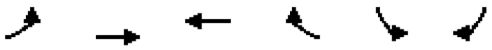
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	609	329	614	806	0	786	0	1110	0	0	0
Future Volume (veh/h)	0	609	329	614	806	0	786	0	1110	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	662	0	667	876	0	854	0	1207			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	739		667	2247	0	923	0	745			
Arrive On Green	0.00	0.21	0.00	0.37	0.63	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	662	0	667	876	0	854	0	1207			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	16.2	0.0	33.5	10.8	0.0	21.5	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	16.2	0.0	33.5	10.8	0.0	21.5	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	739		667	2247	0	923	0	745			
V/C Ratio(X)	0.00	0.90		1.00	0.39	0.00	0.93	0.00	1.62			
Avail Cap(c_a), veh/h	0	758		667	2267	0	923	0	745			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.5	0.0	28.0	8.0	0.0	31.9	0.0	32.8			
Incr Delay (d2), s/veh	0.0	13.2	0.0	34.9	0.1	0.0	14.8	0.0	285.3			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	7.8	0.0	19.0	3.1	0.0	10.6	0.0	37.3			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	47.7	0.0	62.9	8.1	0.0	46.8	0.0	318.1			
LnGrp LOS		D		F	A		D		F			
Approach Vol, veh/h		662			1543			2061				
Approach Delay, s/veh		47.7			31.8			205.7				
Approach LOS		D			C			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	23.1				61.1		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	35.5	18.2				12.8		25.9				
Green Ext Time (p_c), s	0.0	0.4				6.3		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh		118.3
HCM 7th LOS		F

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1330	417	818	113	21	484
Future Volume (veh/h)	1330	417	818	113	21	484
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1446	453	889	123	0	551
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1421	1351	836	116	336	599
Arrive On Green	0.41	0.72	0.27	0.27	0.00	0.19
Sat Flow, veh/h	3456	1870	3229	434	1781	3170
Grp Volume(v), veh/h	1446	453	504	508	0	551
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1792	1781	1585
Q Serve(g_s), s	37.0	8.0	24.0	24.0	0.0	15.4
Cycle Q Clear(g_c), s	37.0	8.0	24.0	24.0	0.0	15.4
Prop In Lane	1.00			0.24	1.00	1.00
Lane Grp Cap(c), veh/h	1421	1351	474	478	336	599
V/C Ratio(X)	1.02	0.34	1.06	1.06	0.00	0.92
Avail Cap(c_a), veh/h	1421	1351	474	478	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.5	4.6	33.0	33.0	0.0	35.8
Incr Delay (d2), s/veh	28.4	0.1	59.2	59.0	0.0	21.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	19.9	2.5	17.8	17.9	0.0	14.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	54.9	4.7	92.2	92.0	0.0	57.5
LnGrp LOS	F	A	F	F		E
Approach Vol, veh/h		1899	1012		551	
Approach Delay, s/veh		43.0	92.1		57.5	
Approach LOS		D	F		E	

Timer - Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				69.0		21.0	41.0	28.0
Change Period (Y+Rc), s				4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s				65.0		17.0	37.0	24.0
Max Q Clear Time (g_c+I1), s				10.0		17.4	39.0	26.0
Green Ext Time (p_c), s				3.3		0.0	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	59.6
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	51	11	146	254	37	9
Future Vol, veh/h	51	11	146	254	37	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	12	159	276	40	10
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.5	8.8	9.1
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	80%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	20%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	6	6	146	254	46
LT Vol	51	0	0	0	0	37
Through Vol	0	6	6	146	0	0
RT Vol	0	0	0	0	254	9
Lane Flow Rate	55	6	6	159	276	50
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.085	0.008	0.005	0.214	0.318	0.081
Departure Headway (Hd)	5.525	5.022	3.2	4.849	4.147	5.836
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	650	714	1091	743	870	614
Service Time	3.245	2.743	1	2.561	1.859	3.564
HCM Lane V/C Ratio	0.085	0.008	0.005	0.214	0.317	0.081
HCM Control Delay, s/veh	8.8	7.8	6	8.9	8.8	9.1
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.8	1.4	0.3

Intersection	
Intersection Delay, s/veh	12.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	62	80	77	31	304	23
Future Vol, veh/h	62	80	77	31	304	23
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	67	87	84	34	330	25
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.8	9.4	15.2
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	93%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	7%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	62	40	40	77	31	327
LT Vol	62	0	0	0	0	304
Through Vol	0	40	40	77	0	0
RT Vol	0	0	0	0	31	23
Lane Flow Rate	67	43	43	84	34	355
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.117	0.069	0.048	0.14	0.05	0.555
Departure Headway (Hd)	6.259	5.753	3.995	6.042	5.331	5.62
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	570	619	887	589	665	640
Service Time	4.028	3.521	1.762	3.827	3.114	3.386
HCM Lane V/C Ratio	0.118	0.069	0.048	0.143	0.051	0.555
HCM Control Delay, s/veh	9.9	9	7	9.8	8.4	15.2
HCM Lane LOS	A	A	A	A	A	C
HCM 95th-tile Q	0.4	0.2	0.2	0.5	0.2	3.4

HCM Worksheet for Project Driveways

Intersection	
Int Delay, s/veh	5.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	286	0	115	79	0	248
Future Vol, veh/h	286	0	115	79	0	248
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	311	0	125	86	0	270

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	260	63	0	0	211	0
Stage 1	125	-	-	-	-	-
Stage 2	135	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	707	989	-	-	1357	-
Stage 1	887	-	-	-	-	-
Stage 2	877	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	707	989	-	-	1357	-
Mov Cap-2 Maneuver	707	-	-	-	-	-
Stage 1	887	-	-	-	-	-
Stage 2	877	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.03	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	707	1357	-
HCM Lane V/C Ratio	-	-	0.44	-	-
HCM Ctrl Dly (s/v)	-	-	14	0	-
HCM Lane LOS	-	-	B	A	-
HCM 95th %tile Q(veh)	-	-	2.3	0	-

Intersection	
Int Delay, s/veh	2.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	179	0	245	281	0	192
Future Vol, veh/h	179	0	245	281	0	192
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	195	0	266	305	0	209

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	371	133	0	0	572	0
Stage 1	266	-	-	-	-	-
Stage 2	104	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	603	891	-	-	997	-
Stage 1	754	-	-	-	-	-
Stage 2	908	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	603	891	-	-	997	-
Mov Cap-2 Maneuver	603	-	-	-	-	-
Stage 1	754	-	-	-	-	-
Stage 2	908	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	13.79	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	603	997	-
HCM Lane V/C Ratio	-	-	0.323	-	-
HCM Ctrl Dly (s/v)	-	-	13.8	0	-
HCM Lane LOS	-	-	B	A	-
HCM 95th %tile Q(veh)	-	-	1.4	0	-

Intersection	
Int Delay, s/veh	19.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	280	6	273	77	2	1077
Future Vol, veh/h	280	6	273	77	2	1077
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	304	7	297	84	2	1171

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	886	148	0	0	380	0
Stage 1	297	-	-	-	-	-
Stage 2	590	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	~ 284	872	-	-	1175	-
Stage 1	728	-	-	-	-	-
Stage 2	517	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	~ 283	872	-	-	1175	-
Mov Cap-2 Maneuver	~ 283	-	-	-	-	-
Stage 1	728	-	-	-	-	-
Stage 2	516	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/veh	16.18	0	0.01
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	287	1175	-
HCM Lane V/C Ratio	-	-	1.082	0.002	-
HCM Control Delay (s/veh)	-	-	116.2	8.1	-
HCM Lane LOS	-	-	F	A	-
HCM 95th %tile Q(veh)	-	-	12.4	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	115	3	243	36	1	964
Future Vol, veh/h	115	3	243	36	1	964
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	125	3	264	39	1	1048

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	790	132	0	0	303	0
Stage 1	264	-	-	-	-	-
Stage 2	526	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	327	893	-	-	1254	-
Stage 1	756	-	-	-	-	-
Stage 2	557	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	327	893	-	-	1254	-
Mov Cap-2 Maneuver	327	-	-	-	-	-
Stage 1	756	-	-	-	-	-
Stage 2	557	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	22.49	0	0.01
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	332	1254	-
HCM Lane V/C Ratio	-	-	0.386	0.001	-
HCM Control Delay (s/veh)	-	-	22.5	7.9	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	1.8	0	-

Intersection	
Int Delay, s/veh	2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	127	3	169	77	1	838
Future Vol, veh/h	127	3	169	77	1	838
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	138	3	184	84	1	911

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	641	92	0	0	267	0
Stage 1	184	-	-	-	-	-
Stage 2	458	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	407	947	-	-	1293	-
Stage 1	829	-	-	-	-	-
Stage 2	604	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	407	947	-	-	1293	-
Mov Cap-2 Maneuver	407	-	-	-	-	-
Stage 1	829	-	-	-	-	-
Stage 2	603	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	18.22	0	0.01
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	412	1293	-
HCM Lane V/C Ratio	-	-	0.343	0.001	-
HCM Control Delay (s/veh)	-	-	18.2	7.8	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	1.5	0	-

Intersection	
Int Delay, s/veh	8.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	175	4	813	275	6	260
Future Vol, veh/h	175	4	813	275	6	260
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	190	4	884	299	7	283

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1038	442	0	0	1183	0
Stage 1	884	-	-	-	-	-
Stage 2	154	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	227	563	-	-	586	-
Stage 1	364	-	-	-	-	-
Stage 2	858	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	224	563	-	-	586	-
Mov Cap-2 Maneuver	224	-	-	-	-	-
Stage 1	364	-	-	-	-	-
Stage 2	848	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	73.21	0	0.25
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	227	586	-
HCM Lane V/C Ratio	-	-	0.857	0.011	-
HCM Control Delay (s/veh)	-	-	73.2	11.2	-
HCM Lane LOS	-	-	F	B	-
HCM 95th %tile Q(veh)	-	-	6.7	0	-

Intersection	
Int Delay, s/veh	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	72	2	697	120	3	194
Future Vol, veh/h	72	2	697	120	3	194
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	78	2	758	130	3	211

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	870	379	0	0	888	0
Stage 1	758	-	-	-	-	-
Stage 2	112	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	291	619	-	-	758	-
Stage 1	424	-	-	-	-	-
Stage 2	900	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	290	619	-	-	758	-
Mov Cap-2 Maneuver	290	-	-	-	-	-
Stage 1	424	-	-	-	-	-
Stage 2	897	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	21.8	0	0.15
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	294	758	-
HCM Lane V/C Ratio	-	-	0.274	0.004	-
HCM Control Delay (s/veh)	-	-	21.8	9.8	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	1.1	0	-

Intersection	
Int Delay, s/veh	2.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	116	2	580	119	3	81
Future Vol, veh/h	116	2	580	119	3	81
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	100	150	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	126	2	630	129	3	88

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	681	315	0	0	760	0
Stage 1	630	-	-	-	-	-
Stage 2	51	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	384	681	-	-	848	-
Stage 1	493	-	-	-	-	-
Stage 2	966	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	383	681	-	-	848	-
Mov Cap-2 Maneuver	383	-	-	-	-	-
Stage 1	493	-	-	-	-	-
Stage 2	962	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	18.93	0	0.33
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	385	848	-
HCM Lane V/C Ratio	-	-	0.333	0.004	-
HCM Control Delay (s/veh)	-	-	18.9	9.3	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	1.4	0	-

Intersection	
Intersection Delay, s/veh	38.9
Intersection LOS	E

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	280	6	273	77	2	1077
Future Vol, veh/h	280	6	273	77	2	1077
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	304	7	297	84	2	1171
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	26.7	12.1	50.9
HCM LOS	D	B	F

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	98%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	2%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	137	137	77	286	2	539	539
LT Vol	0	0	0	280	2	0	0
Through Vol	137	137	0	0	0	539	539
RT Vol	0	0	77	6	0	0	0
Lane Flow Rate	148	148	84	311	2	585	585
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.296	0.296	0.11	0.687	0.004	1.059	0.77
Departure Headway (Hd)	7.412	7.412	4.897	8.092	7.029	6.516	4.738
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	488	488	737	451	507	556	755
Service Time	5.112	5.112	2.597	5.792	4.805	4.292	2.511
HCM Lane V/C Ratio	0.303	0.303	0.114	0.69	0.004	1.052	0.775
HCM Control Delay, s/veh	13.2	13.2	8.2	26.7	9.8	80.2	21.7
HCM Lane LOS	B	B	A	D	A	F	C
HCM 95th-tile Q	1.2	1.2	0.4	5.1	0	16.9	7.5

Intersection	
Intersection Delay, s/veh	15.4
Intersection LOS	C

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	115	3	243	36	1	964
Future Vol, veh/h	115	3	243	36	1	964
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	125	3	264	39	1	1048
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	12.8	10	17.3
HCM LOS	B	A	C

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	97%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	3%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	122	122	36	118	1	482	482
LT Vol	0	0	0	115	1	0	0
Through Vol	122	122	0	0	0	482	482
RT Vol	0	0	36	3	0	0	0
Lane Flow Rate	132	132	39	128	1	524	524
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.223	0.223	0.039	0.265	0.002	0.776	0.522
Departure Headway (Hd)	6.067	6.067	3.604	7.441	5.838	5.334	3.585
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	594	594	996	485	607	671	985
Service Time	3.781	3.781	1.317	5.152	3.633	3.128	1.377
HCM Lane V/C Ratio	0.222	0.222	0.039	0.264	0.002	0.781	0.532
HCM Control Delay, s/veh	10.5	10.5	6.5	12.8	8.6	24.3	10.3
HCM Lane LOS	B	B	A	B	A	C	B
HCM 95th-tile Q	0.8	0.8	0.1	1.1	0	7.4	3.1

Intersection	
Intersection Delay, s/veh	12.6
Intersection LOS	B

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	127	3	169	77	1	838
Future Vol, veh/h	127	3	169	77	1	838
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	138	3	184	84	1	911
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	12.6	8.7	13.8
HCM LOS	B	A	B

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	98%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	2%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	85	85	77	130	1	419	419
LT Vol	0	0	0	127	1	0	0
Through Vol	85	85	0	0	0	419	419
RT Vol	0	0	77	3	0	0	0
Lane Flow Rate	92	92	84	141	1	455	455
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.152	0.152	0.081	0.281	0.002	0.671	0.45
Departure Headway (Hd)	5.956	5.956	3.493	7.154	5.81	5.305	3.556
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	604	604	1028	504	611	674	997
Service Time	3.671	3.671	1.206	4.862	3.594	3.089	1.339
HCM Lane V/C Ratio	0.152	0.152	0.082	0.28	0.002	0.675	0.456
HCM Control Delay, s/veh	9.7	9.7	6.5	12.6	8.6	18.4	9.3
HCM Lane LOS	A	A	A	B	A	C	A
HCM 95th-tile Q	0.5	0.5	0.3	1.1	0	5.2	2.4

Intersection	
Intersection Delay, s/veh	16
Intersection LOS	C

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	175	4	813	275	6	260
Future Vol, veh/h	175	4	813	275	6	260
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	190	4	884	299	7	283
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	15.7	17.4	10.2
HCM LOS	C	C	B

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	98%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	2%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	407	407	275	179	6	130	130
LT Vol	0	0	0	175	6	0	0
Through Vol	407	407	0	0	0	130	130
RT Vol	0	0	275	4	0	0	0
Lane Flow Rate	442	442	299	195	7	141	141
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.701	0.701	0.269	0.413	0.013	0.26	0.191
Departure Headway (Hd)	5.713	5.713	3.244	7.633	7.139	6.629	4.863
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	632	632	1100	471	501	541	735
Service Time	3.454	3.454	0.983	5.378	4.894	4.384	2.617
HCM Lane V/C Ratio	0.699	0.699	0.272	0.414	0.014	0.261	0.192
HCM Control Delay, s/veh	20.8	20.8	7.2	15.7	10	11.7	8.8
HCM Lane LOS	C	C	A	C	A	B	A
HCM 95th-tile Q	5.7	5.7	1.1	2	0	1	0.7

Intersection	
Intersection Delay, s/veh	11.3
Intersection LOS	B

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	72	2	697	120	3	194
Future Vol, veh/h	72	2	697	120	3	194
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	78	2	758	130	3	211
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	11	12.1	8.3
HCM LOS	B	B	A

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	97%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	3%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	349	349	120	74	3	97	97
LT Vol	0	0	0	72	3	0	0
Through Vol	349	349	0	0	0	97	97
RT Vol	0	0	120	2	0	0	0
Lane Flow Rate	379	379	130	80	3	105	105
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.525	0.525	0.092	0.155	0.006	0.164	0.113
Departure Headway (Hd)	4.993	4.993	2.547	6.944	6.118	5.615	3.87
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	720	720	1394	514	582	636	917
Service Time	2.732	2.732	0.285	4.725	3.881	3.378	1.632
HCM Lane V/C Ratio	0.526	0.526	0.093	0.156	0.005	0.165	0.115
HCM Control Delay, s/veh	13.2	13.2	5.5	11	8.9	9.5	7.1
HCM Lane LOS	B	B	A	B	A	A	A
HCM 95th-tile Q	3.1	3.1	0.3	0.5	0	0.6	0.4

Intersection	
Intersection Delay, s/veh	10.5
Intersection LOS	B

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	116	2	580	119	3	81
Future Vol, veh/h	116	2	580	119	3	81
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	126	2	630	129	3	88
Number of Lanes	1	0	2	1	1	2

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	3	3
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	3	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	3	1	0
HCM Control Delay, s/veh	11.4	10.7	7.9
HCM LOS	B	B	A

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2	SBLn3
Vol Left, %	0%	0%	0%	98%	100%	0%	0%
Vol Thru, %	100%	100%	0%	0%	0%	100%	100%
Vol Right, %	0%	0%	100%	2%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	290	290	119	118	3	41	41
LT Vol	0	0	0	116	3	0	0
Through Vol	290	290	0	0	0	41	41
RT Vol	0	0	119	2	0	0	0
Lane Flow Rate	315	315	129	128	3	44	44
Geometry Grp	5	5	5	5	5	5	5
Degree of Util (X)	0.443	0.443	0.094	0.234	0.006	0.069	0.048
Departure Headway (Hd)	5.059	5.059	2.608	6.575	6.17	5.666	3.916
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	712	712	1365	544	577	628	904
Service Time	2.794	2.794	0.343	4.351	3.942	3.437	1.686
HCM Lane V/C Ratio	0.442	0.442	0.095	0.235	0.005	0.07	0.049
HCM Control Delay, s/veh	11.8	11.8	5.6	11.4	9	8.9	6.9
HCM Lane LOS	B	B	A	B	A	A	A
HCM 95th-tile Q	2.3	2.3	0.3	0.9	0	0.2	0.2

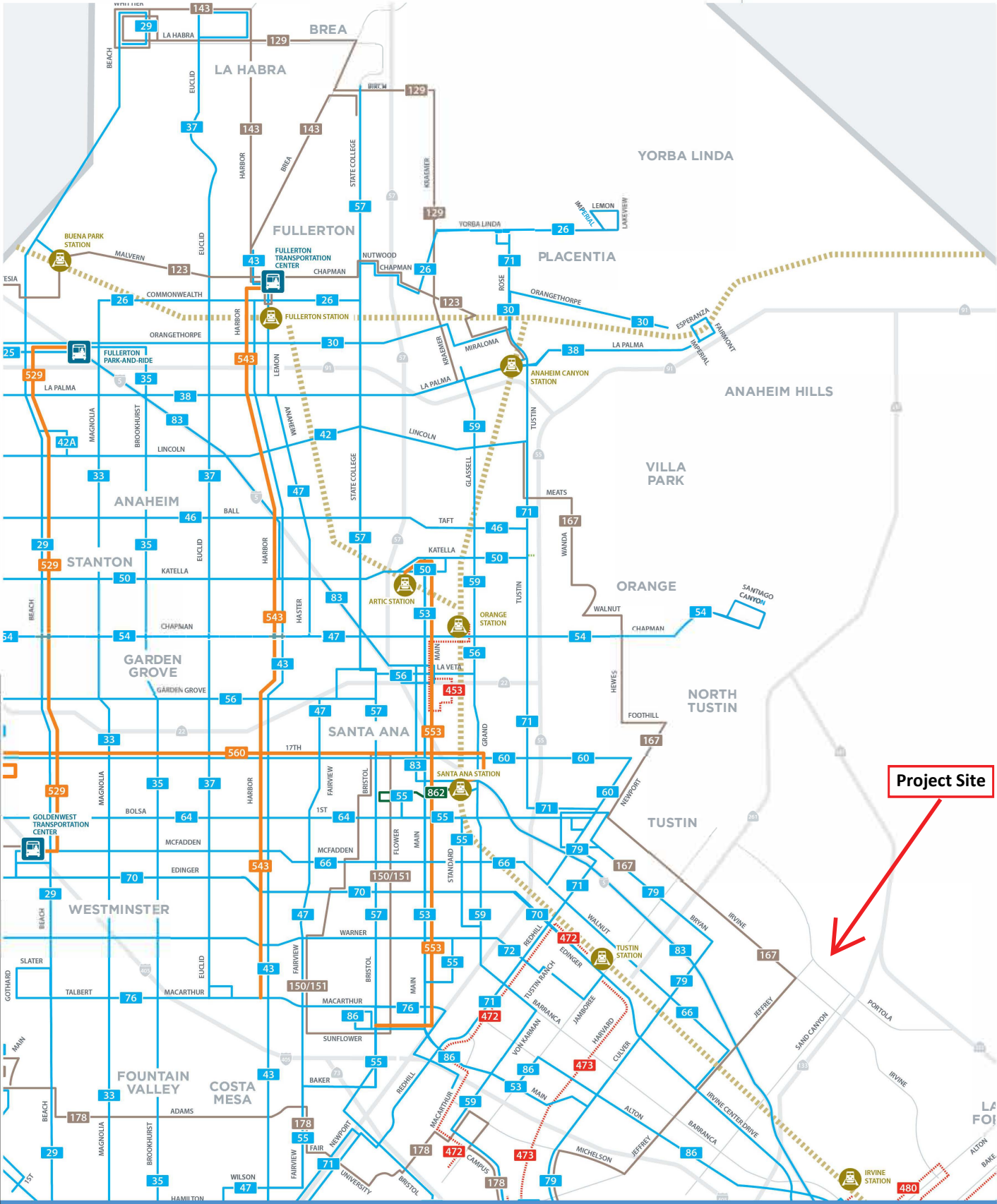
APPENDIX F

OCTA AND IRVINE CONNECT BUS INFORMATION

North County System Map

OCBUS
OCbus.com

1 Local Routes (1-99)
100 Community Routes (100-199)
400 Metrolink Stationlink Routes (400-499)
Weekday Rush Hour Only
500 OC Bus Rapid Limited Stop Service (500-599)
800 City Shuttle
Rail Stations
OC Bus Transit Centers



For Seal Beach, Huntington Beach, and Cypress use the West/Central County Ride Guide. | For Newport Beach, and South County cities use South County Ride Guide

Irvine CONNECT
irvineconnect.org

Route Map

irvineconnect.org

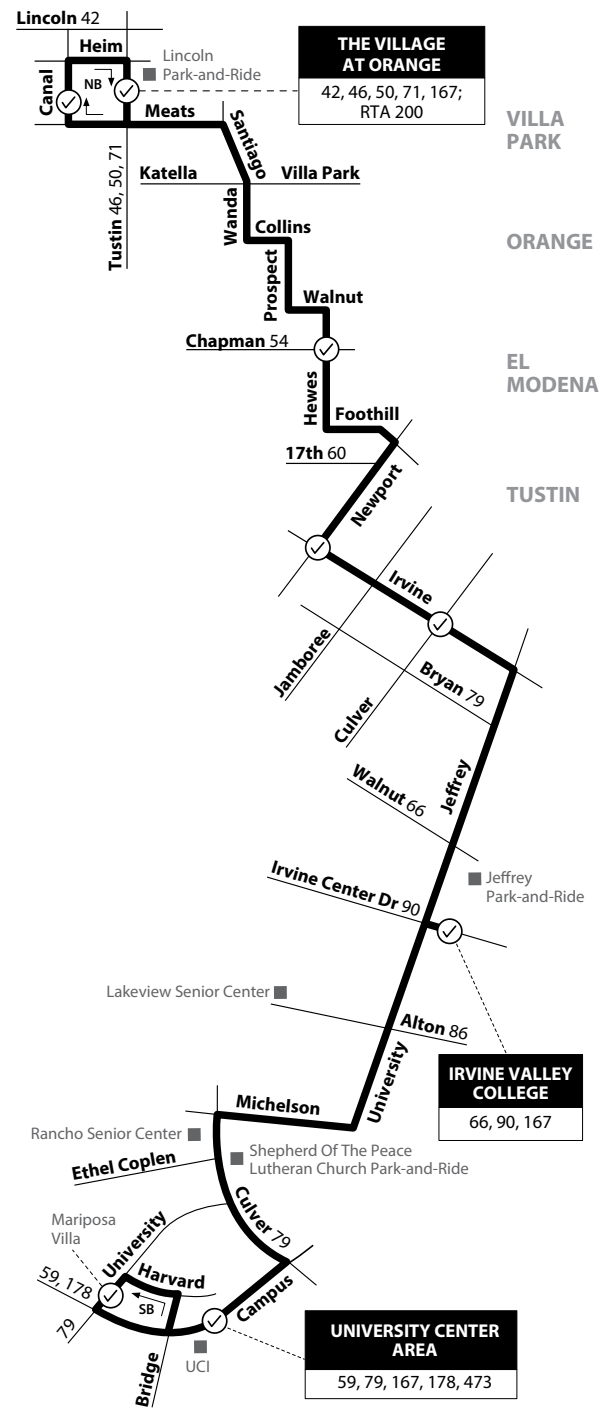
CITY OF IRVINE 1971

Updated July 1, 2024

NOTE: No weekend service.
***NOTA:** No hay servicio los fines de semana.*

Orange to Irvine
via Hewes St / Irvine Blvd / Jeffrey Rd

167



Monday - Friday
NORTHBOUND To: Orange

Mariposa Villa	University Center	Irvine Valley College	Irvine & Culver	Newport & Old Irvine	Hewes & Chapman	Canal & Meats
5:16	5:18	5:36	5:50	5:59	6:09	6:26
6:11	6:13	6:31	6:45	6:54	7:04	7:21
6:55	6:58	7:22	7:40	7:52	8:05	8:25
7:50	7:54	8:19	8:35	8:46	8:58	9:18
8:45	8:49	9:14	9:30	9:41	9:53	10:13
9:39	9:43	10:09	10:25	10:35	10:45	11:05
10:36	10:40	11:04	11:20	11:31	11:42	**12:04**
11:31	11:35	11:59	**12:15**	**12:26**	**12:37**	**12:59**
12:14	**12:18**	**12:45**	**1:06**	**1:20**	**1:32**	**1:54**
1:09	**1:14**	**1:43**	**2:05**	**2:19**	**2:26**	**2:48**
2:20	**2:25**	**2:51**	**3:11**	**3:24**	**3:35**	**3:56**
3:15	**3:20**	**3:46**	**4:06**	**4:19**	**4:30**	**4:51**
4:03	**4:08**	**4:37**	**5:01**	**5:15**	**5:27**	**5:47**
5:02	**5:06**	**5:35**	**5:56**	**6:07**	**6:18**	**6:38**
5:58	**6:02**	**6:31**	**6:52**	**7:03**	**7:14**	**7:34**
7:04	**7:08**	**7:34**	**7:51**	**8:00**	**8:10**	**8:27**
8:04	**8:08**	**8:34**	**8:51**	**9:00**	**9:10**	**9:27**
9:04	**9:08**	**9:34**	**9:51**	**10:00**	**10:10**	**10:27**
10:04	**10:08**	**10:34**	**10:51**	**11:00**	**11:10**	**11:27**

Monday - Friday
SOUTHBOUND To: Irvine

Canal & Meats	Village At Orange	Hewes & Chapman	Irvine & Newport	Irvine & Culver	Irvine Valley College	University Center	Mariposa Villa
5:07	5:11	5:25	5:36	5:45	5:59	6:22	6:27
5:51	5:55	6:13	6:28	6:40	6:58	7:24	7:31
6:46	6:50	7:08	7:23	7:35	7:53	8:19	8:26
7:43	7:47	8:04	8:18	8:30	8:46	9:12	9:19
8:38	8:42	8:59	9:13	9:25	9:41	10:07	10:14
9:33	9:37	9:54	10:08	10:20	10:36	11:02	11:09
10:28	10:32	10:49	11:03	11:15	11:31	11:57	**12:04**
11:23	11:27	11:44	11:58	**12:10**	**12:27**	**12:52**	**12:59**
12:18	**12:22**	**12:39**	**12:53**	**1:05**	**1:22**	**1:47**	**1:54**
1:09	**1:13**	**1:33**	**1:48**	**2:00**	**2:17**	**2:43**	**2:50**
2:04	**2:09**	**2:28**	**2:43**	**2:55**	**3:10**	**3:37**	**3:45**
3:11	**3:16**	**3:35**	**3:49**	**4:01**	**4:16**	**4:42**	**4:50**
4:11	**4:15**	**4:32**	**4:46**	**4:58**	**5:13**	**5:40**	**5:48**
5:14	**5:18**	**5:35**	**5:49**	**6:01**	**6:16**	**6:43**	**6:51**
6:19	**6:23**	**6:38**	**6:51**	**7:01**	**7:14**	**7:37**	**7:42**
7:19	**7:23**	**7:38**	**7:51**	**8:01**	**8:14**	**8:37**	**8:42**
8:19	**8:23**	**8:38**	**8:51**	**9:01**	**9:14**	**9:37**	**9:42**
9:19	**9:23**	**9:38**	**9:51**	**10:01**	**10:14**	**10:37**	**10:42**

APPENDIX G

CONGESTION MANAGEMENT PROGRAM CHECKLIST

Exhibit 5: CMP Monitoring Checklist

CONGESTION MANAGEMENT PROGRAM
(CMP) MONITORING CHECKLIST
LAND USE COORDINATOR COMPONENT

The CMP legislation requires that the CMP Agency monitor the implementation of the Orange County CMP, including CMP land use coordination component requirements. The following is a CMP Monitoring Checklist for the Land Use Coordination Component which has been developed to monitor impacts on CMP Highway System (CMPHS) links and intersections.

1. Project Applicant: Dudek

2. Project Name: Irvine Gateway Village

3. Project Description (Describe proposed land uses, square footage, # of dwelling units, size of parcel, etc.): 1,360 residential units (408 single-family and 952 multi-family units) and 4.8-acre public park (South Park).

4. Previous Approvals:

5. Address/Location: Northeast corner of Jeffrey Road and Portola Parkway

6. Case Number:

7. Date of Case Submittal:

8. Total Average Daily Trips: 10,825

9. Level of Service at CMP intersection: Satisfactory LOS during all Approved and Pending scenarios with and without the project.

Development Project Submittal:

10. Does the proposed development project generate 2,400 or more Average Daily Trips?
    X Yes _____ No

11. Does the proposed development project generate more than 1,600 Average Daily Trips with direct access to, or in close proximity to, a CMP HighwaySystem?
    _____Yes No X

** If you have answered NO to Items 10 and 11, a CMP Traffic Study is not required.

** If you have answered YES to Items 10 and 11, a CMP Traffic Study is required. Please continue.

CMP Traffic Impact Analysis:

12. Did the Traffic Study identify whether any CMP Highway Systemlinks/intersections would exceed their established Level of Service standard as a result of project related traffic?
    _____Yes No X

13. If so, which CMPHS links/intersections and proposed mitigation?
    N/A

14. Which, if any, of these impacted CMPHS links/intersections are located outside the boundaries of the City of Irvine?
    N/A

15. Did the City of Irvine participate in interjurisdictional discussions with the affected jurisdictions to develop a mitigation strategy for each impacted link/intersection?
    _____Yes No X

    If Yes to 15, briefly explain: N/A

Projects Exempt From CMP Requirements:

16. Is the proposed development project exempt from CMP requirements?
_____ Yes _X_ No

17. If so, please identify why the project was exempt from CMP requirements.
N/A

** A brief explanation to those items answered NO should be provided by the Transportation Engineer/Analyst.

Checklist Reviewed By:

_____ _____

Director of Public Works and Transportation Date

APPENDIX H

VMT WORKSHEET

ITAM PROJECT VMT SUMMARY REPORT

V 1.8-080824

	PROJECT INFORMATION	**Project #:**	**2**	
		Name:	**Gateway Village**	
		Description:	**Total 1360 DU (240 DU Affordable)**	
		Type:	**Residential**	
Project Vehicle Miles Travelled (VMT)	ORANGE COUNTY	Total		84,170
		Residential		**75,977**
		Non-Residential		8,193
Project Population and Employment		Population		**2,869**
		Employment		-
		Other VMT Contributor[3]		924
Project VMT Rate		Residential		20.03
		Non-Residential		
VMT Rate Threshold Goal		Residential	**14.88**	
		Non-Residential	**41.36**	
			Applicable Measure(s)	**20.03**
			Threshold Goal	**14.88**
			Net VMT Rate Percentage Increase[1]	**25.71%**
			Significant VMT Impact?	**Yes**

MITIGATION MEASURES		
On-Site		☐ 2.5%
Off-Site		☐ 5.0%
Additional Mitigation[2]		☐
Significant VMT Impact Mitigated?	**25.7%**	**NO**

Notes:

1- For Mixed-Use projects, the "Net VMT Rate Percentage Increase" is based on the higher of Residential or Non-Residential VMT rate.

2- Sufficient justification must be provided to support additional mitigation.

3- Refer to City of Irvine VMT Guidelines for the application of other VMT contributors.

APPENDIX I

FEASIBILITY ANALYSIS FOR JEFFREY ROAD EXTENSION

FEASIBILITY ANALYSIS

JEFFREY ROAD EXTENSION PROJECT

IRVINE, CALIFORNIA

This Feasibility Analysis has been prepared under the supervision of
Ambarish Mukherjee, P.E.

LSA

May 2025

FEASIBILITY ANALYSIS

JEFFREY ROAD EXTENSION PROJECT

IRVINE, CALIFORNIA

Submitted to:

City of Irvine
1 Civic Center
Irvine, California 92606

Prepared by:

LSA
3210 El Camino Real, Suite 100
Irvine, California 92602
(949) 553-0666

Project No. 20231340

LSA

May 2025

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LIST OF ABBREVIATIONS AND ACRONYMS

ADT	average daily traffic
CEQA	California Environmental Quality Act
City	City of Irvine
HOV	high-occupancy vehicle
I	Interstate
ITAM	Irvine Transportation Analysis Model
ITAM TC	TransCAD version of the Irvine Transportation Analysis Model
LOS	level(s) of service
MPAH	Master Plan of Arterial Highways
NITM	North Irvine Transportation Mitigation
OCTA	Orange County Transportation Authority
SB	southbound
SR	State Route
v/c	volume-to-capacity
VMT	vehicle miles traveled

FEASIBILITY ANALYSIS STUDY
JEFFREY ROAD EXTENSION PROJECT

A planned extension of Jeffrey Road between Portola Parkway and the State Route (SR) 241 Toll Road is currently designated on the City of Irvine's (City) Circulation Plan; the Orange County Transportation Authority's (OCTA) Master Plan of Arterial Highways (MPAH) indicates that Jeffrey Road is planned to be further extended from SR-241 north to Santiago Canyon Road, which is outside the City's boundary. Figure 35 of the Irvine Gateway Village Comprehensive Traffic Study (all figures from the Comprehensive Traffic Study are provided in Attachment A of this feasibility analysis) shows the location of the Jeffrey Road extension. This feasibility analysis is prepared to evaluate conditions with and without the proposed roadway extension in the Buildout (Approved and Pending) Plus Irvine Gateway Village Project scenarios.

Consistent with the approved Scope of Work for the proposed residential project, LSA conducted two additional TransCAD version of the Irvine Transportation Analysis Model (ITAM TC Version 1.8 [V1.8]) model runs to determine potential impacts associated with the elimination of the planned roadway extension:

- Buildout Approved Plus Irvine Gateway Village Project (without the Jeffrey Road extension from Portola Parkway to SR-241)

- Buildout Pending Plus Irvine Gateway Village Project (without the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road)

BUILDOUT APPROVED PLUS IRVINE GATEWAY VILLAGE PROJECT WITH AND WITHOUT JEFFREY ROAD EXTENSION

This scenario evaluates the potential level of service (LOS) impacts of removing the Jeffrey Road extension from Portola Parkway to SR-241 on intersections, arterial roadways, freeway/tollway ramps, and mainline segments within the study area for the Buildout Approved Plus Irvine Gateway Village Project condition.

Peak-Hour Intersection LOS

Table A presents a summary of the intersection LOS for Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. LOS worksheets are provided in Attachment B of this feasibility analysis. As this table indicates, all study area intersections are forecast to operate at satisfactory LOS in the Buildout Approved Plus Irvine Gateway Village Project condition (with the Jeffrey Road extension from Portola Parkway to SR-241), except for the following locations:

- **Intersection #388:** Ridge Route Drive/Avenida Carlota (LOS F)
- **Intersection #469:** Jamboree Road/Handy Creek Road (LOS E)
- **Intersection #470:** SR-261 Southbound (SB) Ramps/Handy Creek Road (LOS F)
- **Intersection #486:** SR-133 SB Ramps/Great Park Boulevard (LOS E)

LSA

Table A: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.65	B	0.52	A	0.65	B	0.51	A	0.00	(0.01)	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.66	B	0.86	D	0.66	B	0.86	D	0.00	0.00	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.77	C	0.74	C	0.77	C	0.74	C	0.00	0.00	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.89	D	0.84	D	0.90	D	0.84	D	0.01	0.00	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.67	B	0.74	C	0.68	B	0.74	C	0.01	0.00	No
124	Jamboree Road/Portola Parkway	Tustin		0.65	B	0.74	C	0.64	B	0.73	C	(0.01)	(0.01)	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.92	E	0.90	D	0.90	D	0.89	D	(0.02)	(0.01)	No
126	Jamboree Road/Bryan Avenue	Tustin		0.78	C	0.77	C	0.78	C	0.77	C	0.00	0.00	No
127	Jamboree Road/El Camino Real	Tustin		0.78	C	0.81	D	0.76	C	0.81	D	(0.02)	0.00	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.81	D	0.74	C	0.80	C	0.75	C	(0.01)	0.01	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.73	C	0.59	A	0.73	C	0.59	A	0.00	0.00	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.67	B	0.56	A	0.65	B	0.56	A	(0.02)	0.00	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.36	A	0.58	A	0.36	A	0.60	A	0.00	0.02	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.43	A	0.62	B	0.43	A	0.62	B	0.00	0.00	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.37	A	0.77	C	0.37	A	0.76	C	0.00	(0.01)	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.76	C	0.89	D	0.76	C	0.89	D	0.00	0.00	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.46	A	0.52	A	0.51	A	0.53	A	0.05	0.01	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.32	A	0.54	A	0.33	A	0.53	A	0.01	(0.01)	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.51	A	0.48	A	0.52	A	0.00	0.01	No
	HCM			*11.2*	*B*	*6.3*	*A*	*11.2*	*B*	*6.3*	*A*	*0.0*	*0.0*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.40	A	0.59	A	0.40	A	0.60	A	0.00	0.01	No
	HCM			*5.9*	*A*	*13.0*	*B*	*5.9*	*A*	*13.3*	*B*	*0.0*	*0.3*	--
218	Culver Drive/Portola Parkway	Irvine		0.41	A	0.65	B	0.43	A	0.68	B	0.02	0.03	No
220	Culver Drive/Irvine Boulevard	Irvine		0.61	B	0.69	B	0.61	B	0.69	B	0.00	0.00	No
221	Culver Drive/Bryan Avenue	Irvine		0.74	C	0.67	B	0.74	C	0.67	B	0.00	0.00	No
222	Culver Drive/Trabuco Road	Irvine		0.68	B	0.77	C	0.67	B	0.77	C	(0.01)	0.00	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.67	B	0.59	A	0.67	B	0.59	A	0.00	0.00	No
224	Culver Drive/Walnut Avenue	Irvine		0.71	C	0.82	D	0.70	B	0.81	D	(0.01)	(0.01)	No
226	Culver Drive/Irvine Center Drive	Irvine		0.71	C	0.79	C	0.71	C	0.79	C	0.00	0.00	No
227	Culver Drive/Warner Avenue	Irvine		0.71	C	0.64	B	0.71	C	0.64	B	0.00	0.00	No
228	Culver Drive/Barranca Parkway	Irvine		0.72	C	0.78	C	0.72	C	0.78	C	0.00	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.71	C	0.72	C	0.70	B	0.71	C	(0.01)	(0.01)	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.57	A	0.71	C	0.57	A	0.72	C	0.00	0.01	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.63	B	0.68	B	0.63	B	0.68	B	0.00	0.00	No
235	Culver Drive/University Drive	Irvine		0.74	C	0.76	C	0.74	C	0.76	C	0.00	0.00	No
243	Yale Avenue/Portola Parkway	Irvine		0.51	A	0.56	A	0.52	A	0.59	A	0.01	0.03	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.54	A	0.73	C	0.54	A	0.74	C	0.00	0.01	No
252	Yale Avenue/Bryan Avenue	Irvine		0.36	A	0.48	A	0.35	A	0.47	A	(0.01)	(0.01)	No
255	Yale Avenue/Trabuco Road	Irvine		0.45	A	0.52	A	0.43	A	0.52	A	(0.02)	0.00	No
259	Yale Avenue/Walnut Avenue	Irvine		0.54	A	0.79	C	0.53	A	0.78	C	(0.01)	(0.01)	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.76	C	0.79	C	0.76	C	0.79	C	0.00	0.00	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.56	A	0.56	A	0.55	A	0.56	A	(0.01)	0.00	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.63	B	0.60	A	0.63	B	0.58	A	0.00	(0.02)	No
268	W. Yale Loop/Alton Parkway	Irvine		0.53	A	0.65	B	0.53	A	0.65	B	0.00	0.00	No
271	E. Yale Loop/Alton Parkway	Irvine		0.78	C	0.71	C	0.78	C	0.70	B	0.00	(0.01)	No
282	Jeffrey Road/Portola Parkway	Irvine		0.90	D	0.74	C	0.75	C	0.75	C	(0.15)	0.01	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.56	A	0.69	B	0.55	A	0.67	B	(0.01)	(0.02)	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.56	A	0.59	A	0.56	A	0.59	A	0.00	0.00	No
285	Jeffrey Road/Trabuco Road	Irvine		0.47	A	0.66	B	0.47	A	0.65	B	0.00	(0.01)	No
286	Jeffrey Road/Roosevelt	Irvine		0.80	C	0.64	B	0.78	C	0.63	B	(0.02)	(0.01)	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.74	C	0.80	C	0.72	C	0.79	C	(0.02)	(0.01)	No
	HCM			*18.9*	*B*	*26.7*	*C*	*18.4*	*B*	*26.4*	*C*	*(0.5)*	*(0.3)*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.80	C	0.81	D	0.80	C	0.81	D	0.00	0.00	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.73	C	0.74	C	0.73	C	0.72	C	0.00	(0.02)	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.72	C	0.77	C	0.74	C	0.77	C	0.02	0.00	No
291	Jeffrey Road/Alton Parkway	Irvine		0.84	D	0.80	C	0.85	D	0.79	C	0.01	(0.01)	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.66	B	0.62	B	0.66	B	0.62	B	0.00	0.00	No
	HCM			*19.7*	*B*	*12.4*	*B*	*19.6*	*B*	*12.3*	*B*	*(0.1)*	*(0.1)*	--
294	University Drive/I-405 SB Ramps	Irvine		0.65	B	0.54	A	0.65	B	0.54	A	0.00	0.00	No
	HCM			*6.5*	*A*	*6.1*	*A*	*6.6*	*A*	*6.2*	*A*	*0.1*	*0.1*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.49	A	0.60	A	0.48	A	0.59	A	(0.01)	(0.01)	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.57	A	0.64	B	0.56	A	0.63	B	(0.01)	(0.01)	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.52	A	0.62	B	0.54	A	0.62	B	0.02	0.00	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.84	D	0.82	D	0.84	D	0.82	D	0.00	0.00	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.66	B	0.76	C	0.66	B	0.76	C	0.00	0.00	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.70	B	0.76	C	0.71	C	0.77	C	0.01	0.01	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.58	A	0.46	A	0.58	A	0.46	A	0.00	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.58	A	0.57	A	0.58	A	0.58	A	0.00	0.01	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.53	A	0.65	B	0.53	A	0.65	B	0.00	0.00	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.61	B	0.74	C	0.61	B	0.74	C	0.00	0.00	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.64	B	0.42	A	0.64	B	0.42	A	0.00	0.00	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.85	D	0.43	A	0.85	D	0.43	A	0.00	0.00	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.39	A	0.48	A	0.39	A	0.48	A	0.00	0.00	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.38	A	0.50	A	0.37	A	0.51	A	(0.01)	0.01	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.59	A	0.54	A	0.59	A	0.54	A	0.00	0.00	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.58	A	0.61	B	0.57	A	0.61	B	(0.01)	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.55	A	0.68	B	0.55	A	0.68	B	0.00	0.00	No
318	Banting/Barranca Parkway	Irvine		0.67	B	0.51	A	0.67	B	0.51	A	0.00	0.00	No
319	Banting/Alton Parkway	Irvine		0.61	B	0.45	A	0.61	B	0.46	A	0.00	0.01	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.78	C	0.81	D	0.78	C	0.81	D	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.83	D	0.67	B	0.84	D	0.67	B	0.01	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.50	A	0.47	A	0.50	A	0.46	A	0.00	(0.01)	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.44	A	0.45	A	0.44	A	0.45	A	0.00	0.00	No

LSA

Table A: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.33	A	0.42	A	0.35	A	0.42	A	0.02	0.00	No
326	Ada/Barranca Parkway	Irvine		0.46	A	0.54	A	0.46	A	0.54	A	0.00	0.00	No
327	Barranca Parkway/Technology	Irvine		0.49	A	0.63	B	0.49	A	0.62	B	0.00	(0.01)	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.54	A	0.56	A	0.54	A	0.56	A	0.00	0.00	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.68	B	0.70	B	0.68	B	0.71	C	0.00	0.01	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.51	A	0.70	B	0.51	A	0.70	B	0.00	0.00	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.50	A	0.60	A	0.50	A	0.60	A	0.00	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.60	A	0.52	A	0.60	A	0.53	A	0.00	0.01	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.44	A	0.41	A	0.44	A	0.41	A	0.00	0.00	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.65	B	0.52	A	0.65	B	0.52	A	0.00	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.61	B	0.49	A	0.60	A	0.49	A	(0.01)	0.00	No
340	Alton Parkway/Jeronimo Road	Irvine		0.51	A	0.46	A	0.51	A	0.46	A	0.00	0.00	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.53	A	0.61	B	0.53	A	0.59	A	0.00	(0.02)	No
342	Technology Drive E./Alton Parkway	Irvine		0.45	A	0.54	A	0.46	A	0.54	A	0.01	0.00	No
343	Alton Parkway/Ada	Irvine		0.46	A	0.46	A	0.47	A	0.47	A	0.01	0.01	No
344	Alton Parkway/Technology Drive W.	Irvine		0.57	A	0.68	B	0.57	A	0.68	B	0.00	0.00	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.72	C	0.47	A	0.72	C	0.47	A	0.00	0.00	No
	HCM			*14.0*	*B*	*5.8*	*A*	*14.0*	*B*	*5.8*	*A*	*0.0*	*0.0*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.67	B	0.68	B	0.67	B	0.68	B	0.00	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.59	A	0.69	B	0.58	A	0.69	B	(0.01)	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.60	A	0.56	A	0.60	A	0.56	A	0.00	0.00	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.46	A	0.64	B	0.46	A	0.64	B	0.00	0.00	No
	HCM			*17.7*	*B*	*30.9*	*C*	*17.8*		*31.0*		*0.1*	*0.1*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.48	A	0.82	D	0.48	A	0.83	D	0.00	0.01	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.38	A	0.56	A	0.38	A	0.55	A	0.00	(0.01)	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.49	A	0.56	A	0.49	A	0.55	A	0.00	(0.01)	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.47	A	0.54	A	0.47	A	0.53	A	0.00	(0.01)	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.54	A	0.60	A	0.54	A	0.60	A	0.00	0.00	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.71	C	0.87	D	0.70	B	0.87	D	(0.01)	0.00	No
363	Bake Parkway/Toledo Way	Irvine		0.68	B	0.59	A	0.69	B	0.59	A	0.01	0.00	No
364	Bake Parkway/Jeronimo Road	Irvine		0.79	C	0.86	D	0.76	C	0.87	D	(0.03)	0.01	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.62	B	0.78	C	0.61	B	0.78	C	(0.01)	0.00	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.62	B	0.74	C	0.62	B	0.74	C	0.00	0.00	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.75	C	0.63	B	0.75	C	0.62	B	0.00	(0.01)	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.80	C	0.83	D	0.80	C	0.83	D	0.00	0.00	No
371	Bake Parkway/Research Drive	Irvine		0.42	A	0.45	A	0.42	A	0.45	A	0.00	0.00	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.35	A	0.47	A	0.35	A	0.47	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.29	A	0.34	A	0.30	A	0.34	A	0.01	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.51	A	0.55	A	0.51	A	0.56	A	0.00	0.01	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.44	A	0.42	A	0.45	A	0.42	A	0.01	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.62	B	0.65	B	0.62	B	0.65	B	0.00	0.00	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.53	A	0.58	A	0.53	A	0.58	A	0.00	0.00	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.62	B	0.62	B	0.62	B	0.62	B	0.00	0.00	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.54	A	0.70	B	0.55	A	0.70	B	0.01	0.00	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.59	A	0.70	B	0.59	A	0.70	B	0.00	0.00	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.43	A	0.65	B	0.43	A	0.65	B	0.00	0.00	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.66	B	0.80	C	0.66	B	0.81	D	0.00	0.01	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.56	A	0.83	D	0.56	A	0.83	D	0.00	0.00	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.47	A	0.65	B	0.46	A	0.66	B	(0.01)	0.01	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.74	C	0.77	C	0.74	C	0.76	C	0.00	(0.01)	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.86	D	1.07	F	0.87	D	1.07	F	0.01	0.00	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.43	A	0.56	A	0.43	A	0.56	A	0.00	0.00	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.56	A	0.54	A	0.56	A	0.54	A	0.00	0.00	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.55	A	0.72	C	0.55	A	0.72	C	0.00	0.00	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.63	B	0.76	C	0.63	B	0.76	C	0.00	0.00	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.58	A	0.64	B	0.58	A	0.64	B	0.00	0.00	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.54	A	0.72	C	0.54	A	0.71	C	0.00	(0.01)	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.58	A	0.66	B	0.58	A	0.67	B	0.00	0.01	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.55	A	0.59	A	0.54	A	0.59	A	(0.01)	0.00	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.72	C	0.79	C	0.71	C	0.78	C	(0.01)	(0.01)	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.58	A	0.59	A	0.58	A	0.59	A	0.00	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.67	B	0.72	C	0.67	B	0.72	C	0.00	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.50	A	0.69	B	0.50	A	0.69	B	0.00	0.00	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.56	A	0.69	B	0.58	A	0.68	B	0.02	(0.01)	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		0.15	A	0.32	A	0.09	A	0.08	A	(0.06)	(0.24)	No
404	SR-241 SB Ramps/Jeffrey Road	Orange County		0.27	A	0.22	A	0.09	A	0.06	A	(0.18)	(0.16)	No
	HCM			*8.1*	*A*	*4.3*	*A*	*0.0*	*A*	*0.0*	*A*	*(8.1)*	*(4.3)*	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.64	B	0.52	A	0.64	B	0.51	A	0.00	(0.01)	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.59	A	0.54	A	0.59	A	0.53	A	0.00	(0.01)	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.54	A	0.71	C	0.54	A	0.71	C	0.00	0.00	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.38	A	0.47	A	0.38	A	0.48	A	0.00	0.01	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.46	A	0.53	A	0.45	A	0.53	A	(0.01)	0.00	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.42	A	0.37	A	0.43	A	0.38	A	0.01	0.01	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.60	A	0.53	A	0.61	B	0.55	A	0.01	0.02	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.54	A	0.64	B	0.53	A	0.64	B	(0.01)	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.41	A	0.40	A	0.41	A	0.41	A	0.00	0.01	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.57	A	0.62	B	0.57	A	0.62	B	0.00	0.00	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.66	B	0.65	B	0.67	B	0.65	B	0.01	0.00	No
419	El Toro Road/Toledo Way	Lake Forest		0.56	A	0.45	A	0.57	A	0.46	A	0.01	0.01	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.67	B	0.71	C	0.68	B	0.72	C	0.01	0.01	No

LSA

Table A: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.71	C	0.64	B	0.72	C	0.64	B	0.01	0.00	No
422	Los Alisos Boulevard/Jeromino Road	Lake Forest/Mission Viejo		0.69	B	0.68	B	0.67	B	0.70	B	(0.02)	0.02	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.58	A	0.65	B	0.57	A	0.66	B	(0.01)	0.01	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.50	A	0.57	A	0.50	A	0.57	A	0.00	0.00	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.34	A	0.50	A	0.34	A	0.51	A	0.00	0.01	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.57	A	0.60	A	0.58	A	0.60	A	0.01	0.00	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.56	A	0.64	B	0.56	A	0.64	B	0.00	0.00	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.63	B	0.81	D	0.63	B	0.82	D	0.00	0.01	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.64	B	0.73	C	0.64	B	0.73	C	0.00	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.71	C	0.64	B	0.73	C	0.64	B	0.02	0.00	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.84	D	0.74	C	0.83	D	0.75	C	(0.01)	0.01	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.75	C	0.71	C	0.77	C	0.71	C	0.02	0.00	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.57	A	0.72	C	0.57	A	0.72	C	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.82	D	0.82	D	0.82	D	0.82	D	0.00	0.00	No
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.65	B	0.65	B	0.65	B	0.65	B	0.00	0.00	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.63	B	0.75	C	0.63	B	0.74	C	0.00	(0.01)	No
437	Scientific Way/Irvine Center Drive	Irvine		0.33	A	0.39	A	0.33	A	0.39	A	0.00	0.00	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.36	A	0.39	A	0.36	A	0.39	A	0.00	0.00	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.64	B	0.72	C	0.62	B	0.73	C	(0.02)	0.01	No
	HCM			*34.2*	*C*	*63.8*	*E*	*34.2*	*C*	*65.0*	*E*	*0.0*	*1.2*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.68	B	0.54	A	0.68	B	0.55	A	0.00	0.01	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.58	A	0.66	B	0.57	A	0.66	B	(0.01)	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		0.45	A	0.41	A	0.34	A	0.29	A	(0.11)	(0.12)	No
463	Jamboree Road/Chapman Avenue	Orange		0.61	B	0.70	B	0.61	B	0.70	B	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.81	D	0.56	A	0.82	D	0.56	A	0.01	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.41	A	0.85	D	0.42	A	0.86	D	0.01	0.01	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.45	A	0.55	A	0.46	A	0.56	A	0.01	0.01	No
468	Jamboree Road/Canyon View Avenue	Orange		0.64	B	0.48	A	0.63	B	0.48	A	(0.01)	0.00	No
469	Jamboree Road/Handy Creek Road	Orange		0.96	E	0.73	C	0.97	E	0.73	C	0.01	0.00	No
470	SR-261 SB Ramps/Handy Creek Road	Orange		1.09	F	0.62	B	1.08	F	0.63	B	(0.01)	0.01	No
471	SR-261 NB Ramps/Handy Creek Road	Orange		0.19	A	0.87	D	0.20	A	0.87	D	0.01	0.00	No
477	El Camino Real N./Bryan Avenue	Irvine		0.24	A	0.51	A	0.24	A	0.50	A	0.00	(0.01)	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.40	A	0.59	A	0.40	A	0.59	A	0.00	0.00	No
482	Visions/Trabuco Road	Irvine		0.38	A	0.27	A	0.37	A	0.27	A	(0.01)	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.49	A	0.41	A	0.48	A	0.41	A	(0.01)	0.00	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.56	A	0.42	A	0.57	A	0.42	A	0.01	0.00	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		0.97	E	0.62	B	0.99	E	0.61	B	0.02	(0.01)	Yes
	HCM			*150+*	*F*	*24.0*	*C*	*150+*	*F*	*27.5*	*C*	--	*3.5*	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		0.55	A	0.80	C	0.55	A	0.84	D	0.00	0.04	No
	HCM			*23.3*	*C*	*93.7*	*F*	*23.7*	*C*	*99.3*	*F*	*0.4*	*5.6*	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.52	A	0.43	A	0.52	A	0.43	A	0.00	0.00	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.50	A	0.64	B	0.49	A	0.64	B	(0.01)	0.00	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.57	A	0.67	B	0.56	A	0.67	B	(0.01)	0.00	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.42	A	0.55	A	0.42	A	0.56	A	0.00	0.01	No
518	Alton Parkway/Commercentre	Lake Forest		0.50	A	0.57	A	0.50	A	0.57	A	0.00	0.00	No
520	Keystone/Trabuco Road	Irvine		0.47	A	0.33	A	0.45	A	0.33	A	(0.02)	0.00	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.57	A	0.55	A	0.57	A	0.55	A	0.00	0.00	No
556	Ridge Valley/Portola Parkway	Irvine		0.53	A	0.39	A	0.52	A	0.39	A	(0.01)	0.00	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.53	A	0.60	A	0.52	A	0.60	A	(0.01)	0.00	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.43	A	0.58	A	0.43	A	0.58	A	0.00	0.00	No
560	Ridge Valley/Marine Way	Irvine		0.62	B	0.67	B	0.60	A	0.67	B	(0.02)	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.59	A	0.55	A	0.59	A	0.56	A	0.00	0.01	No
562	Skyhawk/Marine Way	Irvine		0.64	B	0.68	B	0.64	B	0.69	B	0.00	0.01	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.43	A	0.52	A	0.43	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		0.53	A	0.58	A	0.53	A	0.58	A	0.00	0.00	No
566	Marine Way/Barranca Parkway	Irvine		0.54	A	0.88	D	0.54	A	0.88	D	0.00	0.00	No
567	Marine Way/Alton Parkway	Irvine		0.58	A	0.54	A	0.57	A	0.54	A	(0.01)	0.00	No
568	Ada/Marine Way	Irvine		0.39	A	0.38	A	0.39	A	0.38	A	0.00	0.00	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.85	D	0.98	E	0.85	D	0.99	E	0.00	0.01	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.41	A	0.34	A	0.41	A	0.00	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.59	A	0.57	A	0.59	A	0.57	A	0.00	0.00	No
575	Ridge Valley/Hornet - Decora	Irvine		0.25	A	0.43	A	0.25	A	0.43	A	0.00	0.00	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.25	A	0.39	A	0.25	A	0.39	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.52	A	0.52	A	0.52	A	0.52	A	0.00	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.44	A	0.50	A	0.44	A	0.00	0.00	No
581	Lynx/Irvine Boulevard	Irvine		0.66	B	0.53	A	0.66	B	0.53	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.47	A	0.58	A	0.50	A	0.60	A	0.03	0.02	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.86	D	0.62	B	0.85	D	0.62	B	(0.01)	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.29	A	0.49	A	0.29	A	0.49	A	0.00	0.00	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.37	A	0.27	A	0.37	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*9.3*	*A*	*16.3*	*C*	*9.3*	*A*	*16.0*	*C*	*0.0*	*-0.3*	--
655	Ridge Valley/Corsair	Irvine		0.31	A	0.36	A	0.31	A	0.36	A	0.00	0.00	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

[1] It is a roundabout.

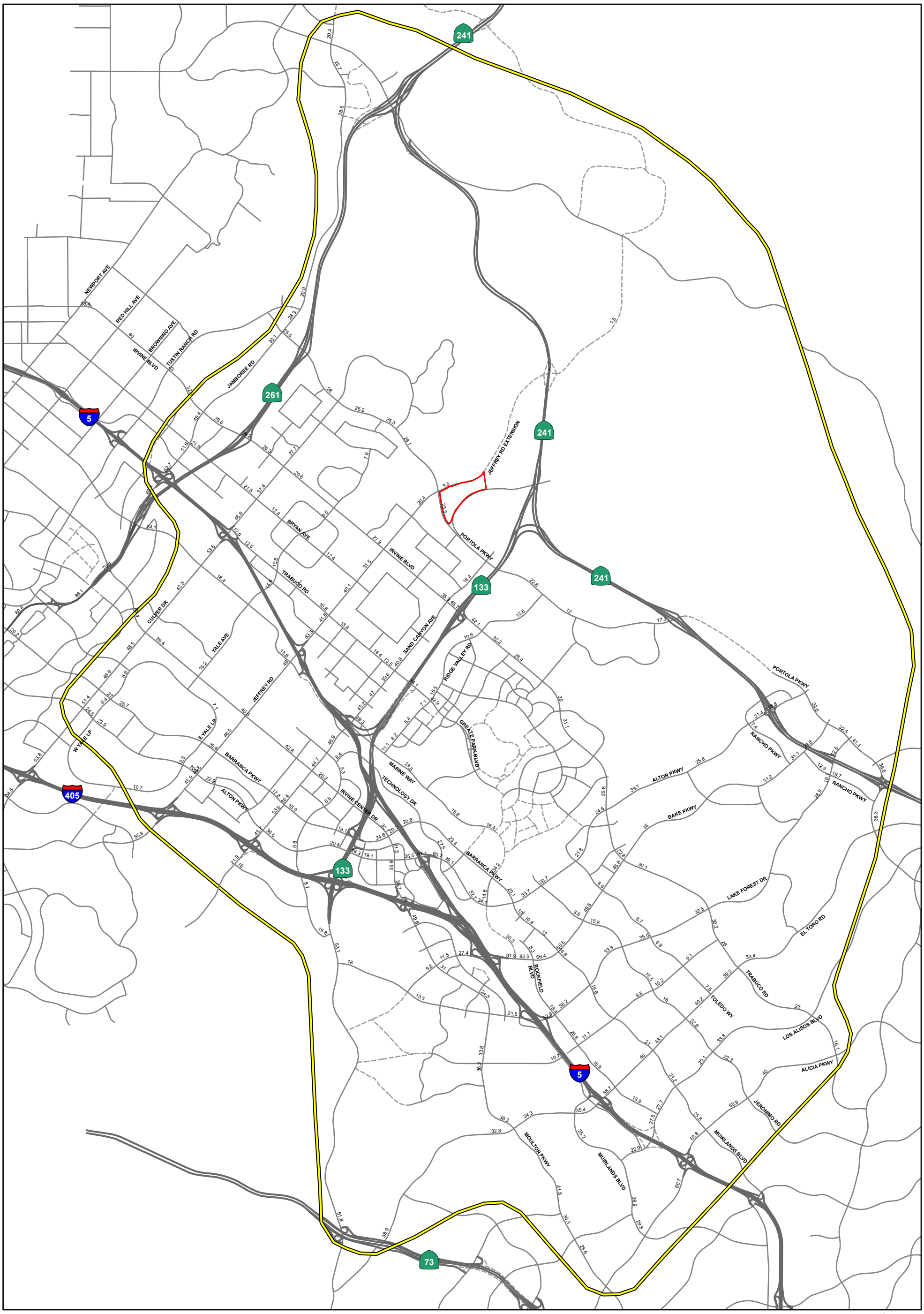
With the elimination of the Jeffrey Road extension from Portola Parkway to SR-241, all study area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersections. However, the intersection volume-to-capacity (v/c) ratio increase does not exceed the impact threshold at Ridge Route Drive/Avenida Carlota, Jamboree Road/Handy Creek Road, and SR-261 SB Ramps/Handy Creek Road. The elimination of the Jeffrey Road extension from Portola Parkway to SR-241 can be implemented in a Buildout Approved Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts at those three intersections.

As for SR-133 SB Ramps/Great Park Boulevard, an intersection v/c ratio increase of 0.02 in the a.m. peak hour exceeds the impact threshold. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 requires improvements at this deficient intersection to mitigate the LOS impact in a Buildout Approved Plus Irvine Gateway Village Project condition. A Project Study Report is currently being prepared by the City of Irvine for the SR-133 SB Ramps/Great Park Boulevard interchange. The proposed design of SR-133 SB ramps/Great Park Boulevard interchange includes one SB left-turn lane, one shared lane for through and left-turns, and two SB right-turn lanes. With this city project underway, the LOS impact at this location resulting from the No Jeffrey Extension condition (provided in Attachment B) is improved and therefore adequately mitigated. Therefore, with the proposed design at this new interchange, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 can be implemented in a Buildout Approved Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts at SR-133 SB Ramps/Great Park Boulevard.

Roadway Segment Volumes and LOS

The average daily traffic (ADT) volumes and v/c ratios for the Buildout Approved Plus Irvine Gateway Village Project (with Jeffrey Road Extension) are illustrated on Figures 16 and 17 of the Irvine Gateway Village Comprehensive Traffic Study (Attachment A), respectively. The ADT volumes and v/c ratios for Buildout Approved Plus Irvine Gateway Village Project (without Jeffrey Road Extension) are illustrated on Figures 1 and 2 of this feasibility analysis, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 can be implemented in a Buildout Approved Plus Irvine Gateway Village Project condition with no LOS impacts on arterial roadway segments within the study area.



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

FIGURE 1

Jeffrey Road Extension

Buildout Approved Plus Irvine Gateway Village Project (without Jeffrey Road Extension) ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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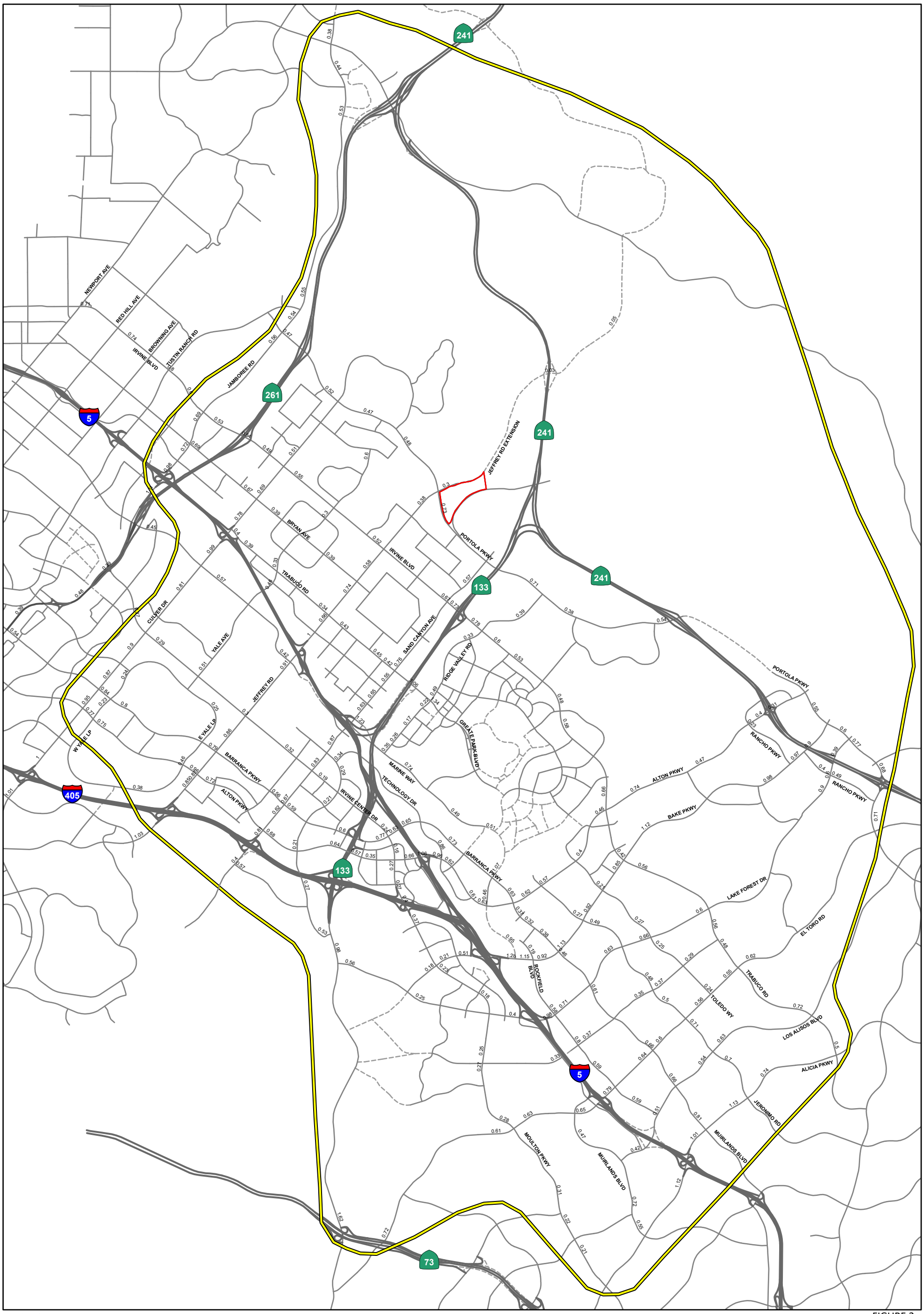

FIGURE 2

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

Jeffrey Road Extension

Buildout Approved Plus Irvine Gateway Village Project (without Jeffrey Road Extension) ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Peak-Hour Freeway/Tollway Ramp LOS

A summary of the freeway/tollway ramp LOS for Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) is presented in Table B.

Based on the v/c performance criteria discussed above, several freeway/tollway ramps in the study area are forecast to operate deficiently in the Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the v/c ratio increase does not exceed the impact threshold for those ramp locations. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 can be implemented in a Buildout Approved Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts on freeway/tollway ramps in the study area.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) is presented in Table C.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Buildout Approved Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 can be implemented in a Buildout Approved Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts on freeway/tollway mainline segments within the study area.

Vehicle Miles Traveled Analysis

A vehicle miles traveled (VMT) analysis was conducted in ITAM TC V1.8 by City of Irvine transportation modeling staff to evaluate the VMT change with and without the Jeffrey Road extension from Portola Parkway to SR-241 within a 3-mile radius of the proposed residential project. Per the City's *Traffic Study Guidelines* (March 21, 2023), a transportation project that results in a net increase in VMT may be deemed significant and may require mitigation.

The VMT results are provided in Attachment C of this feasibility analysis. Table D presents a summary of the VMT analysis results. As shown in Table D, removing the Jeffrey Road extension from Portola Parkway to SR-241 would result in a 0.66 percent increase in VMT and is presumed to have a significant California Environmental Quality Act (CEQA) transportation impact in the Buildout Approved Plus Irvine Gateway Village Project condition.

LSA

Table B: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Freeway/Tollway Ramp LOS Summary

				With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
Interchange	Ramp	Lanes	Peak Hour Capacity	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS		V/C	LOS	AM	PM	Significant Impact?
I-5 at Jamboree Road	SB Direct On	1	1,500	394	0.26	A	1,327	0.88	D	391	0.26	A	1,330	0.89	D	0.00	0.01	No
	SB Loop On	1	1,080	797	0.74	C	519	0.48	A	784	0.73	C	519	0.48	A	(0.01)	0.00	No
	NB Direct On	1	1,080	890	0.82	D	413	0.38	A	892	0.83	D	414	0.38	A	0.01	0.00	No
	NB Loop On	1	1,080	546	0.51	A	401	0.37	A	546	0.51	A	397	0.37	A	0.00	0.00	No
	SB Off	2	3,000	1,489	0.50	A	1,217	0.41	A	1,484	0.49	A	1,221	0.41	A	(0.01)	0.00	No
	NB Off	1	1,500	1,433	0.96	E	1,491	0.99	E	1,429	0.95	E	1,490	0.99	E	(0.01)	0.00	No
I-5 at Culver Drive	SB Direct On	1	900	428	0.48	A	499	0.55	A	424	0.47	A	492	0.55	A	(0.01)	0.00	No
	SB Loop On	1	900	754	0.84	D	378	0.42	A	752	0.84	D	377	0.42	A	0.00	0.00	No
	NB Direct On	1	900	823	0.91	E	623	0.69	B	803	0.89	D	600	0.67	B	(0.02)	(0.02)	No
	NB Loop On	1	1,500	1,061	0.71	C	549	0.37	A	1,065	0.71	C	547	0.36	A	0.00	(0.01)	No
	SB Off	2	2,250	1,358	0.60	A	1,846	0.82	D	1,354	0.60	A	1,847	0.82	D	0.00	0.00	No
	NB Off	1	1,500	584	0.39	A	980	0.65	B	581	0.39	A	979	0.65	B	0.00	0.00	No
I-5 at Jeffrey Road	SB On	1	1,080	1,338	1.24	F	1,409	1.30	F	1,320	1.22	F	1,413	1.31	F	(0.02)	0.01	No
	NB Direct On	1	1,080	869	0.80	C	458	0.42	A	861	0.80	C	494	0.46	A	0.00	0.04	No
	NB Loop On	1	1,500	332	0.22	A	443	0.30	A	313	0.21	A	464	0.31	A	(0.01)	0.01	No
	SB Off	1	1,500	579	0.39	A	965	0.64	B	593	0.40	A	969	0.65	B	0.01	0.01	No
	NB Off	2	2,250	1,188	0.53	A	1,496	0.66	B	1,190	0.53	A	1,494	0.66	B	0.00	0.00	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	793	0.53	A	812	0.54	A	793	0.53	A	812	0.54	A	0.00	0.00	No
	NB On	1	1,500	879	0.59	A	949	0.63	B	871	0.58	A	939	0.63	B	(0.01)	0.00	No
	SB Off	2	2,250	1,145	0.51	A	1,272	0.57	A	1,142	0.51	A	1,279	0.57	A	0.00	0.00	No
	NB Off	2	2,250	825	0.37	A	1,456	0.65	B	825	0.37	A	1,456	0.65	B	0.00	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	83	0.06	A	384	0.26	A	85	0.06	A	384	0.26	A	0.00	0.00	No
	SB Off	1	1,500	473	0.32	A	194	0.13	A	473	0.32	A	196	0.13	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	123	0.08	A	634	0.42	A	123	0.08	A	633	0.42	A	0.00	0.00	No
	NB Direct On	2	1,800	432	0.24	A	1,260	0.70	B	458	0.25	A	1,255	0.70	B	0.01	0.00	No
	NB Loop On	1	1,500	287	0.19	A	795	0.53	A	286	0.19	A	792	0.53	A	0.00	0.00	No
	SB Off	2	2,250	2,103	0.93	E	1,358	0.60	A	2,105	0.94	E	1,358	0.60	A	0.01	0.00	No
	NB Off	2	2,250	1,268	0.56	A	341	0.15	A	1,268	0.56	A	341	0.15	A	0.00	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	99	0.07	A	77	0.05	A	100	0.07	A	80	0.05	A	0.00	0.00	No
	SB Loop On	1	1,080	360	0.33	A	961	0.89	D	342	0.32	A	983	0.91	E	(0.01)	0.02	No
	NB Direct On	2	3,400	2,068	0.61	B	2,441	0.72	C	2,067	0.61	B	2,444	0.72	C	0.00	0.00	No
	NB Loop On	1	1,500	233	0.16	A	761	0.51	A	232	0.15	A	747	0.50	A	(0.01)	(0.01)	No
	SB Off	3	4,500	3,600	0.80	C	2,854	0.63	B	3,614	0.80	C	2,867	0.64	B	0.00	0.01	No
	NB Off	2	3,000	1,187	0.40	A	644	0.21	A	1,162	0.39	A	651	0.22	A	(0.01)	0.01	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	621	0.41	A	1,032	0.69	B	621	0.41	A	1,032	0.69	B	0.00	0.00	No
	SB Loop On	1	1,080	435	0.40	A	450	0.42	A	433	0.40	A	450	0.42	A	0.00	0.00	No
	NB On	2	1,800	1,201	0.67	B	971	0.54	A	1,196	0.66	B	974	0.54	A	(0.01)	0.00	No
	SB Off	2	3,000	1,929	0.64	B	2,555	0.85	D	1,929	0.64	B	2,573	0.86	D	0.00	0.01	No
	NB Off	1	1,500	988	0.66	B	822	0.55	A	988	0.66	B	819	0.55	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	340	0.32	A	543	0.50	A	358	0.33	A	550	0.51	A	0.01	0.01	No
	SB Loop On	1	1,500	855	0.57	A	1,057	0.70	B	855	0.57	A	1,054	0.70	B	0.00	0.00	No
	NB Direct On	1	1,500	1,182	0.79	C	944	0.63	B	1,131	0.75	C	937	0.62	B	(0.04)	(0.01)	No
	NB Loop On	1	1,500	847	0.56	A	1,123	0.75	C	878	0.59	A	1,113	0.74	C	0.03	(0.01)	No
	SB Off	2	2,250	1,603	0.71	C	1,205	0.54	A	1,605	0.71	C	1,207	0.54	A	0.00	0.00	No
	NB Off	1	1,500	1,184	0.79	C	1,352	0.90	D	1,191	0.79	C	1,350	0.90	D	0.00	0.00	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	459	0.42	A	656	0.61	B	460	0.43	A	656	0.61	B	0.01	0.00	No
	SB Loop On	1	1,500	796	0.53	A	609	0.41	A	833	0.56	A	608	0.41	A	0.03	0.00	No
	NB Direct On	1	1,500	1,429	0.95	E	1,015	0.68	B	1,442	0.96	E	1,014	0.68	B	0.01	0.00	No
	NB Loop On	1	1,500	1,471	0.98	E	1,155	0.77	C	1,468	0.98	E	1,154	0.77	C	0.00	0.00	No
	SB Off	2	3,000	2,125	0.71	C	2,452	0.82	D	2,124	0.71	C	2,452	0.82	D	0.00	0.00	No
	NB Off	1	1,500	564	0.38	A	969	0.65	B	556	0.37	A	970	0.65	B	(0.01)	0.00	No
I-405 at Culver Drive	SB Direct On	1	1,500	609	0.41	A	891	0.59	A	603	0.40	A	893	0.60	A	(0.01)	0.01	No
	SB Loop On	1	900	439	0.49	A	204	0.23	A	432	0.48	A	225	0.25	A	(0.01)	0.02	No
	NB Direct On	1	1,500	1,464	0.98	E	914	0.61	B	1,466	0.98	E	915	0.61	B	0.00	0.00	No
	NB Loop On	1	1,500	859	0.57	A	419	0.28	A	863	0.58	A	420	0.28	A	0.01	0.00	No
	SB Off	2	3,000	1,335	0.45	A	2,015	0.67	B	1,335	0.45	A	2,015	0.67	B	0.00	0.00	No
	NB Off	1	1,500	906	0.60	A	992	0.66	B	901	0.60	A	1,020	0.68	B	0.00	0.02	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,246	0.83	D	1,742	1.16	F	1,250	0.83	D	1,735	1.16	F	0.00	0.00	No
	SB Loop On	1	900	387	0.43	A	320	0.36	A	384	0.43	A	317	0.35	A	0.00	(0.01)	No
	NB Direct On	1	1,500	1,338	0.89	D	848	0.57	A	1,333	0.89	D	847	0.56	A	0.00	(0.01)	No
	NB Loop On	1	900	439	0.49	A	120	0.13	A	435	0.48	A	125	0.14	A	(0.01)	0.01	No
	SB Off	1	1,500	696	0.46	A	689	0.46	A	696	0.46	A	691	0.46	A	0.00	0.00	No
	NB Off	2	2,250	1,511	0.67	B	1,383	0.61	B	1,506	0.67	B	1,378	0.61	B	0.00	0.00	No

LSA

Table B: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Freeway/Tollway Ramp LOS Summary (Continue)

				With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
Interchange	Ramp	Lanes	Peak Hour Capacity	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	Significant Impact?
I-405 at Sand Canyon Avenue	SB Direct On	1	1,500	48	0.03	A	369	0.25	A	48	0.03	A	372	0.25	A	0.00	0.00	No
	SB Loop On	1	1,500	431	0.29	A	537	0.36	A	431	0.29	A	538	0.36	A	0.00	0.00	No
	NB Direct On	1	1,500	993	0.66	B	1,216	0.81	D	994	0.66	B	1,219	0.81	D	0.00	0.00	No
	NB Loop On	1	1,500	856	0.57	A	372	0.25	A	855	0.57	A	370	0.25	A	0.00	0.00	No
	SB Off	1	1,500	1,802	1.20	F	867	0.58	A	1,801	1.20	F	860	0.57	A	0.00	(0.01)	No
	NB Off	1	1,500	397	0.26	A	457	0.30	A	402	0.27	A	457	0.30	A	0.01	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	104	0.12	A	105	0.12	A	104	0.12	A	105	0.12	A	0.00	0.00	No
	SB Loop On	1	900	211	0.23	A	504	0.56	A	212	0.24	A	503	0.56	A	0.01	0.00	No
	NB Direct On	1	1,500	559	0.37	A	659	0.44	A	556	0.37	A	657	0.44	A	0.00	0.00	No
	NB Loop On	1	1,500	453	0.30	A	926	0.62	B	456	0.30	A	928	0.62	B	0.00	0.00	No
	SB Off	2	2,250	1,891	0.84	D	1,375	0.61	B	1,867	0.83	D	1,352	0.60	A	(0.01)	(0.01)	No
	NB Off	2	3,000	644	0.21	A	566	0.19	A	643	0.21	A	567	0.19	A	0.00	0.00	No
SR-133 at Irvine Boulevard	SB On	1	1,500	895	0.60	A	293	0.20	A	892	0.59	A	292	0.19	A	(0.01)	(0.01)	No
	NB Direct On	1	1,500	148	0.10	A	167	0.11	A	148	0.10	A	169	0.11	A	0.00	0.00	No
	NB Loop On	1	1,500	140	0.09	A	209	0.14	A	137	0.09	A	203	0.14	A	0.00	0.00	No
	SB Off	2	2,250	403	0.18	A	483	0.21	A	441	0.20	A	462	0.21	A	0.02	0.00	No
	NB Off	1	1,500	267	0.18	A	661	0.44	A	267	0.18	A	661	0.44	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	1,992	0.66	B	1,291	0.43	A	2,016	0.67	B	1,300	0.43	A	0.01	0.00	No
	NB On	1	1,500	149	0.10	A	965	0.64	B	151	0.10	A	1,065	0.71	C	0.00	0.07	No
	SB Off	1	1,500	1,225	0.82	D	290	0.19	A	1,373	0.92	E	291	0.19	A	0.10	0.00	No
	NB Off	2	3,000	1,387	0.46	A	1,840	0.61	B	1,390	0.46	A	1,870	0.62	B	0.00	0.01	No
SR-133 at Barranca Parkway	SB Loop On	1	1,080	162	0.15	A	1,024	0.95	E	161	0.15	A	1,023	0.95	E	0.00	0.00	No
	NB Direct On	1	1,080	98	0.09	A	915	0.85	D	97	0.09	A	910	0.84	D	0.00	(0.01)	No
	NB Loop On	1	1,500	227	0.15	A	1,105	0.74	C	228	0.15	A	1,105	0.74	C	0.00	0.00	No
	SB Off	2	3,000	2,031	0.68	B	494	0.16	A	2,029	0.68	B	492	0.16	A	0.00	0.00	No
	NB Off	2	2,250	1,254	0.56	A	435	0.19	A	1,257	0.56	A	436	0.19	A	0.00	0.00	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	1,043	0.58	A	871	0.48	A	1,041	0.58	A	876	0.49	A	0.00	0.01	No
	NB On	1	1,500	389	0.26	A	1,288	0.86	D	398	0.27	A	1,268	0.85	D	0.01	(0.01)	No
	SB Off	1	1,500	1,622	1.08	F	316	0.21	A	1,576	1.05	F	320	0.21	A	(0.03)	0.00	No
	NB Off	1	1,500	342	0.23	A	1,030	0.69	B	342	0.23	A	1,032	0.69	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	32	0.02	A	15	0.01	A	62	0.04	A	25	0.02	A	0.02	0.01	No
	NB On	1	1,500	81	0.05	A	450	0.30	A	0	0.00	A	0	0.00	A	(0.05)	(0.30)	No
	SB Off	1	1,500	583	0.39	A	70	0.05	A	0	0.00	A	0	0.00	A	(0.39)	(0.05)	No
	NB Off	1	1,500	12	0.01	A	32	0.02	A	18	0.01	A	49	0.03	A	0.00	0.01	No
SR-241 at Portola Parkway (West)	SB On	1	1,500	279	0.19	A	238	0.16	A	279	0.19	A	238	0.16	A	0.00	0.00	No
	NB On	1	1,500	91	0.06	A	67	0.04	A	90	0.06	A	77	0.05	A	0.00	0.01	No
	SB Off	1	1,500	90	0.06	A	66	0.04	A	113	0.08	A	69	0.05	A	0.02	0.01	No
	NB Off	1	1,500	214	0.14	A	221	0.15	A	214	0.14	A	220	0.15	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	233	0.16	A	404	0.27	A	233	0.16	A	403	0.27	A	0.00	0.00	No
	NB On	1	1,500	477	0.32	A	543	0.36	A	476	0.32	A	545	0.36	A	0.00	0.00	No
	SB Off	1	1,500	667	0.44	A	377	0.25	A	668	0.45	A	376	0.25	A	0.01	0.00	No
	NB Off	2	2,250	517	0.23	A	176	0.08	A	518	0.23	A	176	0.08	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	275	0.12	A	410	0.18	A	258	0.11	A	410	0.18	A	(0.01)	0.00	No
	SB Off	1	1,500	441	0.29	A	294	0.20	A	448	0.30	A	293	0.20	A	0.01	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	248	0.17	A	746	0.50	A	249	0.17	A	750	0.50	A	0.00	0.00	No
	NB On	2	2,250	593	0.26	A	327	0.15	A	593	0.26	A	330	0.15	A	0.00	0.00	No
	SB Off	1	1,500	320	0.21	A	442	0.29	A	320	0.21	A	458	0.31	A	0.00	0.02	No
	NB Off	2	2,250	721	0.32	A	290	0.13	A	721	0.32	A	289	0.13	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	877	0.58	A	45	0.03	A	875	0.58	A	47	0.03	A	0.00	0.00	No
	NB Off	1	1,500	18	0.01	A	580	0.39	A	20	0.01	A	580	0.39	A	0.00	0.00	No
SR-261 at Chapman	SB On	1	1,500	1,437	0.96	E	275	0.18	A	1,458	0.97	E	293	0.20	A	0.01	0.02	No
	NB Off	1	1,500	245	0.16	A	1,226	0.82	D	257	0.17	A	1,234	0.82	D	0.01	0.00	No
SR-261 at Portola Parkway	SB On	1	1,500	427	0.28	A	128	0.09	A	428	0.29	A	128	0.09	A	0.01	0.00	No
	NB On	1	1,500	162	0.11	A	261	0.17	A	183	0.12	A	372	0.25	A	0.01	0.08	No
	SB Off	1	1,500	386	0.26	A	116	0.08	A	467	0.31	A	145	0.10	A	0.05	0.02	No
	NB Off	1	1,500	80	0.05	A	331	0.22	A	79	0.05	A	328	0.22	A	0.00	0.00	No
SR-261 at Irvine Boulevard	SB On	1	1,500	493	0.33	A	174	0.12	A	488	0.33	A	174	0.12	A	0.00	0.00	No
	NB On	1	1,500	107	0.07	A	148	0.10	A	107	0.07	A	149	0.10	A	0.00	0.00	No
	SB Off	1	1,500	227	0.15	A	113	0.08	A	227	0.15	A	113	0.08	A	0.00	0.00	No
	NB Off	1	1,500	57	0.04	A	545	0.36	A	56	0.04	A	546	0.36	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

LSA

Table C: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension
Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	15,038	1.30	F	16,962	1.46	F	15,043	1.30	F	16,948	1.46	F	0.00	0.00	No
	SB	5+1H	11,600	18,584	1.60	F	14,696	1.27	F	18,564	1.60	F	14,706	1.27	F	0.00	0.00	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	14,615	1.26	F	16,346	1.41	F	14,616	1.26	F	16,342	1.41	F	0.00	0.00	No
	SB	5+1H	11,600	18,376	1.58	F	14,488	1.25	F	18,366	1.58	F	14,491	1.25	F	0.00	0.00	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	16,019	1.38	F	17,552	1.51	F	16,028	1.38	F	17,555	1.51	F	0.00	0.00	No
	SB	5+1H	11,600	18,806	1.62	F	14,910	1.29	F	18,811	1.62	F	14,912	1.29	F	0.00	0.00	No
I-5 north of Jamboree Road	NB	5+1H	11,600	16,320	1.41	F	17,165	1.48	F	16,320	1.41	F	17,168	1.48	F	0.00	0.00	No
	SB	5+1H	11,600	18,094	1.56	F	15,224	1.31	F	18,100	1.56	F	15,222	1.31	F	0.00	0.00	No
I-5 north of Culver Drive	NB	5+1H	11,600	16,403	1.41	F	17,111	1.48	F	16,404	1.41	F	17,112	1.48	F	0.00	0.00	No
	SB	5+1H	11,600	17,551	1.51	F	15,274	1.32	F	17,550	1.51	F	15,271	1.32	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	6+1H	13,600	15,048	1.11	F	16,170	1.19	F	15,062	1.11	F	16,188	1.19	F	0.00	0.00	No
	SB	6+1H	13,600	16,644	1.22	F	14,581	1.07	F	16,641	1.22	F	14,566	1.07	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	15,450	1.33	F	16,145	1.39	F	15,477	1.33	F	16,093	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	17,143	1.48	F	15,539	1.34	F	17,108	1.47	F	15,525	1.34	F	(0.01)	0.00	No
I-5 north of Alton Parkway	NB	4+1H	9,600	12,275	1.28	F	13,616	1.42	F	12,306	1.28	F	13,595	1.42	F	0.00	0.00	No
	SB	4+1H	9,600	13,359	1.39	F	11,985	1.25	F	13,314	1.39	F	11,989	1.25	F	0.00	0.00	No
I-5 north of I-405	NB	4+1H	9,600	11,981	1.25	F	10,688	1.11	F	11,968	1.25	F	10,678	1.11	F	0.00	0.00	No
	SB	4+1H	9,600	10,882	1.13	F	11,493	1.20	F	10,834	1.13	F	11,510	1.20	F	0.00	0.00	No
I-5 north of Bake Parkway	NB	9+2H	21,500	9,947	0.46	B	8,012	0.37	B	10,028	0.47	B	7,965	0.37	B	0.01	0.00	No
	SB	9+2H	21,500	7,527	0.35	B	8,198	0.38	B	7,440	0.35	B	8,060	0.37	B	0.00	(0.01)	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	21,928	1.12	F	17,182	0.88	D	21,928	1.12	F	17,179	0.88	D	0.00	0.00	No
	SB	8+2H	19,500	16,708	0.86	D	20,063	1.03	F	16,676	0.86	D	20,097	1.03	F	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	19,963	1.48	F	15,619	1.16	F	20,004	1.48	F	15,609	1.16	F	0.00	0.00	No
	SB	5+2H	13,500	14,825	1.10	F	18,400	1.36	F	14,795	1.10	F	18,413	1.36	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	5+1H	11,600	17,966	1.55	F	14,212	1.23	F	18,011	1.55	F	14,222	1.23	F	0.00	0.00	No
	SB	4+1H	9,600	13,600	1.42	F	17,066	1.78	F	13,584	1.42	F	17,088	1.78	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	15,930	1.66	F	12,958	1.35	F	15,953	1.66	F	12,955	1.35	F	0.00	0.00	No
	SB	4+1H	9,600	12,538	1.31	F	15,157	1.58	F	12,513	1.30	F	15,159	1.58	F	(0.01)	0.00	No
I-405 north of Jeffrey Road	NB	5+1H	11,600	14,977	1.29	F	13,777	1.19	F	14,974	1.29	F	13,818	1.19	F	0.00	0.00	No
	SB	5+1H	11,600	13,433	1.16	F	14,639	1.26	F	13,429	1.16	F	14,641	1.26	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	5+1H	11,600	15,571	1.34	F	13,997	1.21	F	15,558	1.34	F	14,015	1.21	F	0.00	0.00	No
	SB	5+1H	11,600	13,381	1.15	F	14,814	1.28	F	13,378	1.15	F	14,803	1.28	F	0.00	0.00	No
I-405 north of SR-133	NB	5+1H	11,600	15,556	1.34	F	12,783	1.10	F	15,567	1.34	F	12,796	1.10	F	0.00	0.00	No
	SB	5+1H	11,600	12,149	1.05	F	14,577	1.26	F	12,149	1.05	F	14,570	1.26	F	0.00	0.00	No
I-405 north of Irvine Center Drive	NB	5+1H	11,600	12,080	1.04	F	10,218	0.88	D	12,117	1.04	F	10,227	0.88	D	0.00	0.00	No
	SB	4+1H	9,600	9,339	0.97	E	11,479	1.20	F	9,340	0.97	E	11,478	1.20	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	8,038	0.84	D	6,017	0.63	C	8,087	0.84	D	5,995	0.62	C	0.00	(0.01)	No
	SB	4+1H	9,600	7,771	0.81	D	10,390	1.08	F	7,799	0.81	D	10,418	1.09	F	0.00	0.01	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,268	0.16	A	7,275	0.91	E	1,268	0.16	A	7,485	0.94	E	0.00	0.03	No
	SB	4	8,000	8,312	1.04	F	1,315	0.16	A	8,566	1.07	F	1,330	0.17	A	0.03	0.01	No
SR-133 north of Great Park Boulevard	NB	3	6,000	955	0.16	A	6,826	1.14	F	953	0.16	A	6,890	1.15	F	0.00	0.01	No
	SB	3	6,000	7,482	1.25	F	1,103	0.18	A	7,591	1.27	F	1,106	0.18	A	0.02	0.00	No
SR-133 north of I-5	NB	3	6,000	1,430	0.24	A	4,998	0.83	D	1,422	0.24	A	4,985	0.83	D	0.00	0.00	No
	SB	3	6,000	6,041	1.01	F	1,923	0.32	B	6,026	1.00	E	1,928	0.32	B	(0.01)	0.00	No
SR-133 south of I-5	NB	3	6,000	878	0.15	A	3,039	0.51	C	878	0.15	A	3,042	0.51	C	0.00	0.00	No
	SB	3	6,000	3,794	0.63	C	1,207	0.20	A	3,755	0.63	C	1,205	0.20	A	0.00	0.00	No
SR-133 north of I-405	NB	3	6,000	4,178	0.70	C	4,399	0.73	D	4,189	0.70	C	4,398	0.73	D	0.00	0.00	No
	SB	3	6,000	4,917	0.82	D	3,314	0.55	C	4,899	0.82	D	3,313	0.55	C	0.00	0.00	No
SR-133 south of I-405	NB	3	6,000	3,094	0.52	C	3,301	0.55	C	3,079	0.51	C	3,312	0.55	C	(0.01)	0.00	No
	SB	3	6,000	3,166	0.53	C	2,750	0.46	B	3,148	0.52	C	2,751	0.46	B	(0.01)	0.00	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	2,154	0.36	B	8,260	1.38	F	2,156	0.36	B	8,243	1.37	F	0.00	(0.01)	No
	SB	3	6,000	10,094	1.68	F	1,806	0.30	A	10,086	1.68	F	1,806	0.30	A	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	4	8,000	2,596	0.32	B	5,909	0.74	D	2,527	0.32	B	5,704	0.71	C	0.00	(0.03)	No
	SB	4	8,000	6,350	0.79	D	2,122	0.27	A	6,147	0.77	D	2,069	0.26	A	(0.02)	(0.01)	No
SR-241 north of SR-133	NB	4	8,000	2,527	0.32	B	5,491	0.69	C	2,545	0.32	B	5,753	0.72	D	0.00	0.03	No
	SB	4	8,000	5,799	0.72	D	2,067	0.26	A	6,209	0.78	D	2,095	0.26	A	0.06	0.00	No
SR-241 north of Portola Parkway	NB	5	10,000	6,544	0.65	C	2,714	0.27	A	6,452	0.65	C	2,728	0.27	A	0.00	0.00	No
	SB	5	10,000	2,772	0.28	A	5,251	0.53	C	2,817	0.28	A	5,224	0.52	C	0.00	(0.01)	No
SR-241 north of Alton Parkway	NB	5	10,000	6,867	0.69	C	3,034	0.30	A	6,787	0.68	C	3,041	0.30	A	(0.01)	0.00	No
	SB	5	10,000	3,168	0.32	B	5,403	0.54	C	3,198	0.32	B	5,383	0.54	C	0.00	0.00	No
SR-241 north of Lake Forest Drive	NB	4	8,000	7,774	0.97	E	2,883	0.36	B	7,699	0.96	E	2,888	0.36	B	(0.01)	0.00	No
	SB	4	8,000	2,739	0.34	B	6,168	0.77	D	2,756	0.34	B	6,149	0.77	D	0.00	0.00	No
SR-261 north of Portola Parkway	NB	4	8,000	354	0.04	A	2,672	0.33	B	422	0.05	A	2,885	0.36	B	0.01	0.03	No
	SB	4	8,000	4,194	0.52	C	386	0.05	A	4,432	0.55	C	440	0.06	A	0.03	0.01	No
SR-261 north of Irvine Boulevard	NB	4	8,000	179	0.02	A	2,394	0.30	A	192	0.02	A	2,406	0.30	A	0.00	0.00	No
	SB	4	8,000	3,473	0.43	B	207	0.03	A	3,549	0.44	B	213	0.03	A	0.01	0.00	No
SR-261 south of Irvine Boulevard	NB	4	8,000	376	0.05	A	3,159	0.39	B	389	0.05	A	3,171	0.40	B	0.00	0.01	No
	SB	4	8,000	4,129	0.52	C	508	0.06	A	4,167	0.52	C	516	0.06	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

Table D: Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension VMT Analysis Result (Jeffrey Road Extension from Portola Parkway to SR-241)

Scenario	Total VMT[1] (Within a 3-Mile Radius of the Proposed Project)
Buildout Approved Plus Irvine Gateway Village Project with Jeffrey Road Extension	3,129,215
Buildout Approved Plus Irvine Gateway Village Project without Jeffrey Road Extension	3,149,803
Difference	**20,589 (0.66%)**
Significant Impact?	**Yes**

Source: Compiled by LSA (2024).
[1] VMT results are provided in Attachment C.
SR = State Route
VMT = vehicle miles traveled

BUILDOUT PENDING PLUS IRVINE GATEWAY VILLAGE PROJECT WITH AND WITHOUT JEFFREY ROAD EXTENSION

Peak-Hour Intersection LOS

Table E presents a summary of the intersection LOS for Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. As this table indicates, all study area intersections are forecast to operate at satisfactory LOS in the Buildout Pending Plus Irvine Gateway Village Project with Jeffrey Road Extension condition except for the following locations:

- **Intersection #34:** Red Hill Avenue/Irvine Boulevard (LOS E)
- **Intersection #291:** Jeffrey Road/Alton Parkway (LOS E)
- **Intersection #327:** Barranca Parkway/Technology (LOS E)
- **Intersection #356:** Pacifica/Irvine Center Drive (LOS E)
- **Intersection #388:** Ridge Route Drive/Avenida Carlota (LOS F)
- **Intersection #469:** Jamboree Road/Handy Creek Road (LOS E)
- **Intersection #470:** SR-261 SB Ramps/Handy Creek Road (LOS E)
- **Intersection #486:** SR-133 SB Ramps/Great Park Boulevard (LOS E)
- **Intersection #565:** Treble/Marine Way (LOS F)
- **Intersection #566:** Marine Way/Barranca Parkway (LOS E)

With the elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road, all study area intersections are forecast to continue operating at satisfactory LOS, with the exception of the previously stated study area intersections. However, the intersection v/c ratio increase does not exceed the impact threshold at Red Hill Avenue/Irvine Boulevard, Jeffrey Road/Alton Parkway, Barranca Parkway/Technology, Pacifica/Irvine Center Drive, Ridge Route Drive/Avenida Carlota, Jamboree Road/Handy Creek Road, SR-261 SB Ramps/Handy Creek Road, Treble/Marine Way, and Marine Way/Barranca Parkway. The elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road can be implemented in a Buildout Pending Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts at the study area intersections, except for SR-133 SB Ramps/Great Park Boulevard.

LSA

Table E: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
16	Newport Avenue/Irvine Boulevard	Tustin		0.68	B	0.59	A	0.67	B	0.59	A	(0.01)	0.00	No
34	Red Hill Avenue/Irvine Boulevard	Tustin/Orange County		0.69	B	0.92	E	0.69	B	0.92	E	0.00	0.00	No
54	Browning Avenue/Irvine Boulevard	Tustin/Orange County		0.70	B	0.74	C	0.71	C	0.74	C	0.01	0.00	No
91	Tustin Ranch Road/Irvine Boulevard	Tustin		0.88	D	0.88	D	0.89	D	0.88	D	0.01	0.00	No
123	Jamboree Road/Tustin Ranch Road	Tustin		0.66	B	0.71	C	0.66	B	0.71	C	0.00	0.00	No
124	Jamboree Road/Portola Parkway	Tustin		0.66	B	0.75	C	0.67	B	0.76	C	0.01	0.01	No
125	Jamboree Road/Irvine Boulevard	Tustin (CMP)	Yes	0.88	D	0.87	D	0.89	D	0.87	D	0.01	0.00	No
126	Jamboree Road/Bryan Avenue	Tustin		0.74	C	0.76	C	0.75	C	0.77	C	0.01	0.01	No
127	Jamboree Road/El Camino Real	Tustin		0.77	C	0.79	C	0.77	C	0.77	C	0.00	(0.02)	No
128	Jamboree Road/I-5 NB Ramps	Irvine/Tustin (CMP)		0.82	D	0.74	C	0.82	D	0.74	C	0.00	0.00	No
129	Jamboree Road/I-5 SB Ramps	Irvine (CMP)		0.71	C	0.58	A	0.71	C	0.58	A	0.00	0.00	No
131	Jamboree Road SB/Walnut Avenue	Irvine		0.63	B	0.57	A	0.62	B	0.57	A	(0.01)	0.00	No
132	Jamboree Road NB/Walnut Avenue	Irvine		0.38	A	0.69	B	0.37	A	0.68	B	(0.01)	(0.01)	No
133	Jamboree Road/Edinger Avenue	Tustin (CMP)	Yes	0.46	A	0.62	B	0.46	A	0.62	B	0.00	0.00	No
135	Jamboree Road NB/Warner Avenue	Irvine	Yes	0.39	A	0.85	D	0.39	A	0.84	D	0.00	(0.01)	No
136	Jamboree Road/Barranca Parkway	Irvine	Yes	0.79	C	0.92	E	0.78	C	0.92	E	(0.01)	0.00	No
157	SR-261 SB Ramps/Portola Parkway	Irvine		0.43	A	0.59	A	0.47	A	0.60	A	0.04	0.01	No
158	SR-261 NB Ramps/Portola Parkway	Irvine		0.30	A	0.59	A	0.31	A	0.59	A	0.01	0.00	No
159	SR-261 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.56	A	0.54	A	0.56	A	0.54	A	0.00	0.00	No
	HCM			*10.9*	*B*	*7.3*	*A*	*11.0*	*B*	*7.3*	*A*	*0.1*	*0.0*	--
160	SR-261 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.62	B	0.48	A	0.62	B	0.00	0.00	No
	HCM			*6.9*	*A*	*13.7*	*B*	*7.0*	*A*	*13.9*	*B*	*0.1*	*0.2*	--
218	Culver Drive/Portola Parkway	Irvine		0.42	A	0.65	B	0.43	A	0.67	B	0.01	0.02	No
220	Culver Drive/Irvine Boulevard	Irvine		0.63	B	0.68	B	0.63	B	0.70	B	0.00	0.02	No
221	Culver Drive/Bryan Avenue	Irvine		0.72	C	0.68	B	0.72	C	0.68	B	0.00	0.00	No
222	Culver Drive/Trabuco Road	Irvine		0.70	B	0.78	C	0.69	B	0.79	C	(0.01)	0.01	No
223	Culver Drive/I-5 SB Ramps	Irvine		0.66	B	0.59	A	0.65	B	0.59	A	(0.01)	0.00	No
224	Culver Drive/Walnut Avenue	Irvine		0.73	C	0.82	D	0.73	C	0.82	D	0.00	0.00	No
226	Culver Drive/Irvine Center Drive	Irvine		0.73	C	0.82	D	0.73	C	0.82	D	0.00	0.00	No
227	Culver Drive/Warner Avenue	Irvine		0.72	C	0.68	B	0.72	C	0.68	B	0.00	0.00	No
228	Culver Drive/Barranca Parkway	Irvine		0.71	C	0.86	D	0.73	C	0.86	D	0.02	0.00	No
229	Culver Drive/Alton Parkway	Irvine		0.71	C	0.73	C	0.71	C	0.73	C	0.00	0.00	No
232	Culver Drive/I-405 NB Ramps	Irvine		0.60	A	0.73	C	0.60	A	0.74	C	0.00	0.01	No
233	Culver Drive/I-405 SB Ramps	Irvine		0.64	B	0.67	B	0.64	B	0.67	B	0.00	0.00	No
235	Culver Drive/University Drive	Irvine		0.75	C	0.79	C	0.75	C	0.79	C	0.00	0.00	No
243	Yale Avenue/Portola Parkway	Irvine		0.53	A	0.59	A	0.55	A	0.61	B	0.02	0.02	No
249	Yale Avenue/Irvine Boulevard	Irvine		0.64	B	0.80	C	0.64	B	0.81	D	0.00	0.01	No
252	Yale Avenue/Bryan Avenue	Irvine		0.35	A	0.45	A	0.34	A	0.44	A	(0.01)	(0.01)	No
255	Yale Avenue/Trabuco Road	Irvine		0.43	A	0.51	A	0.43	A	0.53	A	0.00	0.02	No
259	Yale Avenue/Walnut Avenue	Irvine		0.54	A	0.82	D	0.54	A	0.84	D	0.00	0.02	No
261	Yale Avenue/Irvine Center Drive	Irvine		0.75	C	0.82	D	0.76	C	0.82	D	0.01	0.00	No
264	W. Yale Loop/Barranca Parkway	Irvine		0.58	A	0.61	B	0.57	A	0.62	B	(0.01)	0.01	No
267	E. Yale Loop/Barranca Parkway	Irvine		0.67	B	0.62	B	0.67	B	0.62	B	0.00	0.00	No
268	W. Yale Loop/Alton Parkway	Irvine		0.55	A	0.66	B	0.54	A	0.66	B	(0.01)	0.00	No
271	E. Yale Loop/Alton Parkway	Irvine		0.82	D	0.74	C	0.82	D	0.74	C	0.00	0.00	No
282	Jeffrey Road/Portola Parkway	Irvine		0.88	D	0.73	C	0.77	C	0.72	C	(0.11)	(0.01)	No
283	Jeffrey Road/Irvine Boulevard	Irvine		0.55	A	0.69	B	0.54	A	0.67	B	(0.01)	(0.02)	No
284	Jeffrey Road/Bryan Avenue	Irvine		0.56	A	0.64	B	0.55	A	0.63	B	(0.01)	(0.01)	No
285	Jeffrey Road/Trabuco Road	Irvine		0.46	A	0.65	B	0.45	A	0.64	B	(0.01)	(0.01)	No
286	Jeffrey Road/Roosevelt	Irvine		0.82	D	0.71	C	0.81	D	0.70	B	(0.01)	(0.01)	No
287	Jeffrey Road/I-5 NB Ramps	Irvine		0.73	C	0.80	C	0.74	C	0.80	C	0.01	0.00	No
	HCM			*19.0*	*B*	*24.5*	*C*	*18.8*	*B*	*24.4*	*C*	*(0.2)*	*(0.1)*	--
288	Jeffrey Road/Walnut Avenue	Irvine		0.82	D	0.86	D	0.83	D	0.86	D	0.01	0.00	No
289	Jeffrey Road/Irvine Center Drive	Irvine		0.74	C	0.79	C	0.75	C	0.79	C	0.01	0.00	No
290	Jeffrey Road/Barranca Parkway	Irvine		0.80	C	0.80	C	0.81	D	0.80	C	0.01	0.00	No
291	Jeffrey Road/Alton Parkway	Irvine		0.92	E	0.88	D	0.92	E	0.88	D	0.00	0.00	No
293	Jeffrey Road/I-405 NB Ramps	Irvine		0.71	C	0.72	C	0.71	C	0.72	C	0.00	0.00	No
	HCM			*30.8*	*C*	*15.2*	*B*	*30.1*	*C*	*15.2*	*B*	*(0.7)*	*0.0*	--
294	University Drive/I-405 SB Ramps	Irvine		0.66	B	0.53	A	0.66	B	0.53	A	0.00	0.00	No
	HCM			*6.8*	*A*	*6.1*	*A*	*6.8*	*A*	*6.1*	*A*	*0.0*	*0.0*	--
300	Sand Canyon Avenue/Portola Parkway	Irvine		0.49	A	0.61	B	0.48	A	0.61	B	(0.01)	0.00	No
301	Sand Canyon Avenue/Irvine Boulevard	Irvine		0.55	A	0.65	B	0.56	A	0.64	B	0.01	(0.01)	No
302	Sand Canyon Avenue/Trabuco Parkway	Irvine		0.55	A	0.59	A	0.56	A	0.58	A	0.01	(0.01)	No
303	Sand Canyon Avenue/I-5 NB Ramps - Marine Way	Irvine		0.86	D	0.85	D	0.86	D	0.86	D	0.00	0.01	No
304	Sand Canyon Avenue / Marine Way (Old)	Irvine		0.66	B	0.74	C	0.66	B	0.74	C	0.00	0.00	No
305	Sand Canyon Avenue/I-5 SB Ramps	Irvine		0.69	B	0.75	C	0.69	B	0.75	C	0.00	0.00	No
306	Sand Canyon Avenue/Oak Canyon - Laguna Canyon Road	Irvine		0.71	C	0.56	A	0.71	C	0.56	A	0.00	0.00	No
307	Sand Canyon Avenue/Irvine Center Drive	Irvine		0.64	B	0.67	B	0.63	B	0.66	B	(0.01)	(0.01)	No
309	Sand Canyon Avenue/Barranca Parkway	Irvine		0.65	B	0.68	B	0.65	B	0.68	B	0.00	0.00	No
310	Sand Canyon Avenue/Alton Parkway	Irvine		0.59	A	0.77	C	0.60	A	0.75	C	0.01	(0.02)	No
311	Sand Canyon Avenue/I-405 NB Ramps	Irvine		0.64	B	0.45	A	0.64	B	0.45	A	0.00	0.00	No
312	Sand Canyon Avenue/I-405 SB Ramps	Irvine		0.86	D	0.50	A	0.86	D	0.51	A	0.00	0.01	No
313	Laguna Canyon Road/Irvine Center Drive	Irvine		0.44	A	0.53	A	0.44	A	0.53	A	0.00	0.00	No
314	Laguna Canyon Road/Barranca Parkway	Irvine		0.44	A	0.56	A	0.43	A	0.56	A	(0.01)	0.00	No
315	Laguna Canyon Road/Alton Parkway	Irvine		0.71	C	0.61	B	0.71	C	0.61	B	0.00	0.00	No
316	SR-133 SB Ramps/Irvine Boulevard	Irvine (CMP)		0.48	A	0.63	B	0.48	A	0.63	B	0.00	0.00	No
317	SR-133 NB Ramps/Irvine Boulevard	Irvine (CMP)		0.58	A	0.68	B	0.58	A	0.68	B	0.00	0.00	No
318	Banting/Barranca Parkway	Irvine		0.77	C	0.61	B	0.77	C	0.61	B	0.00	0.00	No
319	Banting/Alton Parkway	Irvine		0.69	B	0.54	A	0.70	B	0.54	A	0.01	0.00	No
321	Laguna Canyon Road/Old Laguna Canyon Road	Irvine		0.77	C	0.78	C	0.77	C	0.78	C	0.00	0.00	No
322	Laguna Canyon Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.80	C	0.67	B	0.80	C	0.67	B	0.00	0.00	No
323	Laguna Canyon Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.49	A	0.46	A	0.49	A	0.45	A	0.00	(0.01)	No
324	Portola Parkway/SR-241 NB Ramps	Irvine		0.46	A	0.48	A	0.46	A	0.49	A	0.00	0.01	No

LSA

Table E: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
325	Portola Parkway/SR-241 SB Ramps	Irvine		0.35	A	0.44	A	0.35	A	0.46	A	0.00	0.02	No
326	Ada/Barranca Parkway	Irvine		0.52	A	0.71	C	0.51	A	0.71	C	(0.01)	0.00	No
327	Barranca Parkway/Technology	Irvine		0.76	C	0.92	E	0.76	C	0.93	E	0.00	0.01	No
328	Barranca Parkway/I-5 HOV Ramp	Irvine		0.63	B	0.76	C	0.63	B	0.77	C	0.00	0.01	No
329	Barranca Parkway/Irvine Center Drive	Irvine	Yes	0.74	C	0.84	D	0.74	C	0.84	D	0.00	0.00	No
330	Barranca Parkway/Pacifica	Irvine	Yes	0.56	A	0.71	C	0.56	A	0.71	C	0.00	0.00	No
333	Pacifica/Gateway Boulevard - SR-133 NB Ramps	Irvine	Yes	0.50	A	0.60	A	0.50	A	0.60	A	0.00	0.00	No
335	Alton Parkway/Portola Parkway	Lake Forest		0.60	A	0.55	A	0.59	A	0.55	A	(0.01)	0.00	No
336	Alton Parkway/SR-241 Ramps	Lake Forest		0.41	A	0.38	A	0.41	A	0.38	A	0.00	0.00	No
338	Alton Parkway/Irvine Boulevard	Irvine	Yes	0.65	B	0.48	A	0.65	B	0.48	A	0.00	0.00	No
339	Alton Parkway/Toledo Way	Irvine		0.67	B	0.50	A	0.67	B	0.50	A	0.00	0.00	No
340	Alton Parkway/Jeronimo Road	Irvine		0.53	A	0.46	A	0.53	A	0.46	A	0.00	0.00	No
341	Alton Parkway/Barranca Parkway - Muirlands	Irvine		0.53	A	0.64	B	0.54	A	0.64	B	0.01	0.00	No
342	Technology Drive E./Alton Parkway	Irvine		0.56	A	0.49	A	0.56	A	0.49	A	0.00	0.00	No
343	Alton Parkway/Ada	Irvine		0.66	B	0.59	A	0.65	B	0.59	A	(0.01)	0.00	No
344	Alton Parkway/Technology Drive W.	Irvine		0.73	C	0.84	D	0.74	C	0.84	D	0.01	0.00	No
345	Alton Parkway/I-5 NB Ramps	Irvine		0.76	C	0.62	B	0.76	C	0.62	B	0.00	0.00	No
	HCM			*20.4*	*C*	*7.3*	*A*	*20.6*	*C*	*7.3*	*A*	*0.2*	*0.0*	--
346	Alton Parkway/Enterprise Drive	Irvine	Yes	0.70	B	0.79	C	0.70	B	0.79	C	0.00	0.00	No
348	Alton Parkway/Irvine Center Drive	Irvine	Yes	0.71	C	0.75	C	0.71	C	0.75	C	0.00	0.00	No
350	Alton Parkway/Pacifica	Irvine	Yes	0.72	C	0.67	B	0.72	C	0.67	B	0.00	0.00	No
351	Spectrum Center Drive - I-5 SB Ramps/Enterprise Drive	Irvine	Yes	0.45	A	0.67	B	0.45	A	0.66	B	0.00	(0.01)	No
	HCM			*17.5*	*B*	*35.5*	*D*	*17.6*	*B*	*34.7*	*C*	*0.1*	*(0.8)*	--
356	Pacifica/Irvine Center Drive	Irvine	Yes	0.54	A	0.93	E	0.54	A	0.93	E	0.00	0.00	No
357	Spectrum Center Drive - I-405 NB Ramps/ Entertainment Way	Irvine (CMP)	Yes	0.36	A	0.47	A	0.36	A	0.48	A	0.00	0.01	No
358	Irvine Center Drive/Entertainment Way	Irvine	Yes	0.48	A	0.54	A	0.48	A	0.54	A	0.00	0.00	No
359	Irvine Center Drive/I-405 SB Ramps	Irvine (CMP)	Yes	0.48	A	0.55	A	0.48	A	0.55	A	0.00	0.00	No
361	Bake Parkway/Portola Parkway	Lake Forest		0.55	A	0.55	A	0.55	A	0.56	A	0.00	0.01	No
362	Bake Parkway/Irvine Boulevard	Irvine	Yes	0.67	B	0.83	D	0.67	B	0.82	D	0.00	(0.01)	No
363	Bake Parkway/Toledo Way	Irvine		0.68	B	0.58	A	0.68	B	0.59	A	0.00	0.01	No
364	Bake Parkway/Jeronimo Road	Irvine		0.78	C	0.82	D	0.78	C	0.82	D	0.00	0.00	No
365	Bake Parkway/Muirlands Boulevard	Irvine		0.65	B	0.78	C	0.62	B	0.78	C	(0.03)	0.00	No
366	Bake Parkway/Rockfield Boulevard	Irvine		0.65	B	0.74	C	0.64	B	0.75	C	(0.01)	0.01	No
367	Bake Parkway/I-5 NB Ramps	Irvine	Yes	0.72	C	0.69	B	0.72	C	0.69	B	0.00	0.00	No
368	Bake Parkway/I-5 SB Ramps	Irvine	Yes	0.84	D	0.89	D	0.84	D	0.88	D	0.00	(0.01)	No
371	Bake Parkway/Research Drive	Irvine		0.47	A	0.48	A	0.47	A	0.48	A	0.00	0.00	No
372	Bake Parkway/Irvine Center Drive	Irvine		0.36	A	0.48	A	0.36	A	0.48	A	0.00	0.00	No
373	Lake Forest Drive/SR-241 NB Ramps	Lake Forest		0.28	A	0.34	A	0.28	A	0.34	A	0.00	0.00	No
374	Lake Forest Drive/Portola Parkway	Lake Forest		0.47	A	0.57	A	0.48	A	0.56	A	0.01	(0.01)	No
375	Lake Forest Drive/SR-241 SB Ramps	Lake Forest		0.43	A	0.42	A	0.43	A	0.42	A	0.00	0.00	No
376	Lake Forest Drive/Trabuco Road	Lake Forest		0.61	B	0.65	B	0.61	B	0.65	B	0.00	0.00	No
377	Lake Forest Drive/Toledo Way	Lake Forest		0.54	A	0.56	A	0.55	A	0.55	A	0.01	(0.01)	No
378	Lake Forest Drive/Jeronimo Road	Lake Forest		0.58	A	0.58	A	0.60	A	0.58	A	0.02	0.00	No
379	Lake Forest Drive/Muirlands Boulevard	Lake Forest		0.53	A	0.70	B	0.53	A	0.70	B	0.00	0.00	No
380	Lake Forest Drive/Rockfield Boulevard	Lake Forest		0.58	A	0.72	C	0.58	A	0.72	C	0.00	0.00	No
381	Lake Forest Drive/I-5 NB Ramps	Lake Forest		0.43	A	0.64	B	0.43	A	0.64	B	0.00	0.00	No
383	Lake Forest Drive/Avenida Carlota - I-5 SB Ramps	Irvine	Yes	0.65	B	0.80	C	0.65	B	0.80	C	0.00	0.00	No
385	Lake Forest Drive/Irvine Center Drive	Irvine	Yes	0.58	A	0.80	C	0.58	A	0.80	C	0.00	0.00	No
386	Ridge Route Drive/Muirlands Boulevard	Lake Forest		0.44	A	0.62	B	0.45	A	0.63	B	0.01	0.01	No
387	Ridge Route Drive/Rockfield Boulevard	Lake Forest		0.75	C	0.74	C	0.75	C	0.74	C	0.00	0.00	No
388	Ridge Route Drive/Avenida Carlota	Laguna Hills		0.88	D	1.09	F	0.88	D	1.09	F	0.00	0.00	No
389	Ridge Route Drive/Moulton Parkway	Laguna Hills/Laguna Woods		0.43	A	0.54	A	0.43	A	0.54	A	0.00	0.00	No
390	Paseo de Valencia/Avenida Carlota	Laguna Hills/Laguna Woods		0.57	A	0.59	A	0.57	A	0.58	A	0.00	(0.01)	No
391	Santa Maria Avenue/Moulton Parkway	Laguna Hills/Laguna Woods		0.52	A	0.68	B	0.52	A	0.69	B	0.00	0.01	No
392	El Toro Road/Muirlands Boulevard	Lake Forest		0.62	B	0.72	C	0.62	B	0.72	C	0.00	0.00	No
393	El Toro Road/Rockfield Boulevard	Lake Forest		0.57	A	0.65	B	0.57	A	0.65	B	0.00	0.00	No
394	El Toro Road/I-5 NB Ramps	Lake Forest (CMP)	Yes	0.55	A	0.72	C	0.55	A	0.72	C	0.00	0.00	No
396	El Toro Road/Avenida Carlota	Laguna Hills (CMP)	Yes	0.58	A	0.63	B	0.59	A	0.63	B	0.01	0.00	No
397	El Toro Road/Paseo de Valencia	Laguna Hills/Laguna Woods		0.54	A	0.58	A	0.54	A	0.59	A	0.00	0.01	No
398	El Toro Road/Moulton Parkway	Laguna Woods (CMP)	Yes	0.68	B	0.79	C	0.68	B	0.80	C	0.00	0.01	No
399	El Toro Road/Aliso Creek Road	Aliso Viejo		0.59	A	0.61	B	0.59	A	0.61	B	0.00	0.00	No
400	El Toro Road/SR-73 NB Ramps	Laguna Beach (CMP)	Yes	0.66	B	0.76	C	0.66	B	0.76	C	0.00	0.00	No
401	El Toro Road/SR-73 SB Ramps	Laguna Beach (CMP)	Yes	0.52	A	0.72	C	0.52	A	0.71	C	0.00	(0.01)	No
402	I-5 NB Ramps/Trabuco Road	Irvine		0.57	A	0.69	B	0.58	A	0.70	B	0.01	0.01	No
403	SR-241 NB Ramps/Jeffrey Road	Orange County		0.11	A	0.25	A	--	--	--	--	--	--	--
404	SR-241 SB Ramps/Jeffrey Road	Orange County		0.22	A	0.15	A	--	--	--	--	--	--	--
	HCM			*8.6*	*A*	*5.4*	*A*	--	--	--	--	--	--	--
405	Laguna Canyon Road/Quail Hill Parkway	Irvine		0.62	B	0.50	A	0.62	B	0.50	A	0.00	0.00	No
406	Laguna Canyon Road/Lake Forest Drive	Irvine		0.58	A	0.53	A	0.58	A	0.53	A	0.00	0.00	No
409	Bake Parkway/Commercentre Drive	Lake Forest		0.52	A	0.71	C	0.51	A	0.70	B	(0.01)	(0.01)	No
410	Bake Parkway/Lake Forest Drive	Irvine		0.43	A	0.49	A	0.43	A	0.49	A	0.00	0.00	No
412	Ridge Route Drive/Trabuco Road	Lake Forest		0.44	A	0.52	A	0.43	A	0.52	A	(0.01)	0.00	No
413	Ridge Route Drive/Toledo Way	Lake Forest		0.40	A	0.35	A	0.39	A	0.35	A	(0.01)	0.00	No
414	Ridge Route Drive/Jeronimo Road	Lake Forest		0.53	A	0.52	A	0.54	A	0.52	A	0.01	0.00	No
415	Glenn Ranch Road/Portola Parkway	Lake Forest		0.54	A	0.62	B	0.54	A	0.62	B	0.00	0.00	No
416	Portola Pkwy .East/SR-241 Ramps	Lake Forest		0.40	A	0.41	A	0.40	A	0.40	A	0.00	(0.01)	No
417	El Toro Road/Portola Parkway - S. Margarit	Lake Forest		0.55	A	0.62	B	0.55	A	0.63	B	0.00	0.01	No
418	El Toro Road/Trabuco Road	Lake Forest (CMP)	Yes	0.63	B	0.63	B	0.64	B	0.65	B	0.01	0.02	No
419	El Toro Road/Toledo Way	Lake Forest		0.56	A	0.42	A	0.55	A	0.43	A	(0.01)	0.01	No
420	El Toro Road/Jeronimo Road	Lake Forest		0.67	B	0.70	B	0.68	B	0.70	B	0.01	0.00	No

LSA

Table E: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Intersection LOS Summary (Continue)

ITAM Node No.	Intersection	Jurisdiction	LOS E Acceptable?	With Jeffrey Road Extension				Without Jeffrey Road Extension				Peak-Hour Δ ICU or Delay		Significant LOS Impact?
				AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour				
				ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	ICU / Delay	LOS	AM	PM	
421	Los Alisos Boulevard/Trabuco Road	Mission Viejo		0.70	B	0.65	B	0.72	C	0.64	B	0.02	(0.01)	No
422	Los Alisos Boulevard/Jeronimo Road	Lake Forest/Mission Viejo		0.64	B	0.70	B	0.65	B	0.70	B	0.01	0.00	No
423	Muirlands Boulevard/Los Alisos Boulevard	Lake Forest/Mission Viejo		0.59	A	0.67	B	0.59	A	0.66	B	0.00	(0.01)	No
424	Los Alisos Boulevard/Rockfield Boulevard - Fordview Street	Lake Forest		0.50	A	0.62	B	0.50	A	0.63	B	0.00	0.01	No
425	Los Alisos Boulevard/Avenida Carlota	Laguna Hills		0.35	A	0.48	A	0.35	A	0.48	A	0.00	0.00	No
426	Los Alisos Boulevard/Paseo de Valencia	Laguna Hills/Laguna Woods		0.51	A	0.55	A	0.50	A	0.55	A	(0.01)	0.00	No
427	Moulton Parkway/Glenwood Drive - Indian Creek	Aliso Viejo/Laguna Hills		0.51	A	0.65	B	0.51	A	0.65	B	0.00	0.00	No
428	Laguna Hills Drive/Paseo de Valencia	Laguna Hills/Laguna Woods		0.66	B	0.78	C	0.66	B	0.77	C	0.00	(0.01)	No
429	Moulton Parkway/Laguna Hills Drive	Aliso Viejo/Laguna Hills		0.64	B	0.69	B	0.65	B	0.69	B	0.01	0.00	No
430	Trabuco Road/Alicia Parkway	Mission Viejo		0.70	B	0.63	B	0.70	B	0.64	B	0.00	0.01	No
431	Jeronimo Road/Alicia Parkway	Mission Viejo		0.84	D	0.76	C	0.83	D	0.76	C	(0.01)	0.00	No
432	Alicia Parkway/Muirlands Boulevard	Mission Viejo		0.79	C	0.70	B	0.79	C	0.70	B	0.00	0.00	No
433	I-5 NB Ramps/Alicia Parkway	Mission Viejo		0.60	A	0.76	C	0.60	A	0.76	C	0.00	0.00	No
434	I-5 SB Ramps/Alicia Parkway	Laguna Hills		0.82	D	0.82	D	0.82	D	0.82	D	0.00	0.00	No
435	Alicia Parkway/Paseo de Valencia	Laguna Hills		0.65	B	0.63	B	0.66	B	0.63	B	0.01	0.00	No
436	Moulton Parkway/Alicia Parkway	Laguna Hills		0.60	A	0.73	C	0.61	B	0.73	C	0.01	0.00	No
437	Scientific Way/Irvine Center Drive	Irvine		0.29	A	0.37	A	0.29	A	0.38	A	0.00	0.01	No
441	Park Avenue/Jamboree Road SB Ramps	Tustin		0.41	A	0.45	A	0.41	A	0.46	A	0.00	0.01	No
443	I-5 SB Ramps/Walnut Avenue/ Burt Road	Irvine		0.66	B	0.74	C	0.67	B	0.74	C	0.01	0.00	No
	HCM			*49.9*	*D*	*59.6*	*E*	*36.1*	*D*	*135.8*	*F*	*(13.8)*	*76.2*	--
444	Sand Canyon Avenue/Burt Road	Irvine		0.66	B	0.54	A	0.67	B	0.55	A	0.01	0.01	No
452	Jamboree Road/Santiago Canyon Road	Orange		0.57	A	0.62	B	0.57	A	0.62	B	0.00	0.00	No
459	Jeffrey Road/Santiago Canyon Road	Orange County		0.31	A	0.28	A	0.31	A	0.29	A	0.00	0.01	No
463	Jamboree Road/Chapman Avenue	Orange		0.60	A	0.69	B	0.60	A	0.69	B	0.00	0.00	No
464	SR-241 - SR-261 SB Ramps/Chapman Avenue	Orange		0.84	D	0.54	A	0.84	D	0.54	A	0.00	0.00	No
465	SR-241 - SR-261 NB Ramp/Chapman Avenue	Orange		0.39	A	0.81	D	0.40	A	0.81	D	0.01	0.00	No
466	SR-241 NB Ramp/Santiago Canyon Road	Orange County		0.39	A	0.53	A	0.39	A	0.53	A	0.00	0.00	No
468	Jamboree Road/Canyon View Avenue	Orange		0.53	A	0.49	A	0.53	A	0.49	A	0.00	0.00	No
469	Jamboree Road/Handy Creek Road	Orange		0.96	E	0.73	C	0.97	E	0.74	C	0.01	0.01	No
470	SR-261 SB Ramps/Handy Creek Road	Orange		0.95	E	0.63	B	0.95	E	0.64	B	0.00	0.01	No
471	SR-261 NB Ramps/Handy Creek Road	Orange		0.23	A	0.82	D	0.23	A	0.83	D	0.00	0.01	No
477	El Camino Real N./Bryan Avenue	Irvine		0.24	A	0.52	A	0.24	A	0.52	A	0.00	0.00	No
481	Laguna Canyon Road/Technology Drive	Irvine		0.54	A	0.67	B	0.54	A	0.67	B	0.00	0.00	No
482	Visions/Trabuco Road	Irvine		0.37	A	0.30	A	0.39	A	0.30	A	0.02	0.00	No
484	Sand Canyon Avenue/Roosevelt	Irvine		0.45	A	0.45	A	0.46	A	0.45	A	0.01	0.00	No
485	Sand Canyon Avenue/Nightmist	Irvine		0.54	A	0.44	A	0.54	A	0.44	A	0.00	0.00	No
486	SR-133 SB Ramps/Great Park Boulevard	Irvine		0.95	E	0.68	B	0.97	E	0.70	B	0.02	0.02	Yes
	HCM			*150+*	*F*	*50.2*	*D*	*150+*	*F*	*55.9*	*E*	--	*5.7*	--
487	SR-133 NB Ramps/Great Park Boulevard	Irvine		0.56	A	0.82	D	0.56	A	0.85	D	0.00	0.03	No
	HCM			*28.6*	*C*	*118.3*	*F*	*28.5*	*C*	*122.4*	*F*	*(0.1)*	*4.1*	--
514	Alton Parkway/Rancho Parkway	Lake Forest		0.50	A	0.38	A	0.50	A	0.39	A	0.00	0.01	No
515	Bake Parkway N/Rancho Parkway	Lake Forest		0.50	A	0.63	B	0.50	A	0.63	B	0.00	0.00	No
516	Lake Forest Drive/Rancho Parkway	Lake Forest		0.56	A	0.65	B	0.55	A	0.64	B	(0.01)	(0.01)	No
517	Portola Parkway/Rancho Parkway - Purpose Drive	Lake Forest		0.41	A	0.56	A	0.41	A	0.57	A	0.00	0.01	No
518	Alton Parkway/Commercentre	Lake Forest		0.42	A	0.53	A	0.42	A	0.53	A	0.00	0.00	No
520	Keystone/Trabuco Road	Irvine		0.54	A	0.35	A	0.52	A	0.35	A	(0.02)	0.00	No
555	Bake Parkway/Rancho Parkway S	Lake Forest		0.58	A	0.55	A	0.58	A	0.55	A	0.00	0.00	No
556	Ridge Valley/Portola Parkway	Irvine		0.49	A	0.40	A	0.48	A	0.40	A	(0.01)	0.00	No
558	Ridge Valley/Irvine Boulevard	Irvine		0.53	A	0.60	A	0.53	A	0.60	A	0.00	0.00	No
559	Ridge Valley/Great Park Boulevard	Irvine		0.44	A	0.58	A	0.43	A	0.58	A	(0.01)	0.00	No
560	Ridge Valley/Marine Way	Irvine		0.63	B	0.65	B	0.64	B	0.65	B	0.01	0.00	No
561	Bosque/Irvine Boulevard	Irvine		0.57	A	0.52	A	0.57	A	0.52	A	0.00	0.00	No
562	Skyhawk/Marine Way	Irvine		0.68	B	0.67	B	0.69	B	0.67	B	0.01	0.00	No
563	Chinon/Irvine Boulevard	Irvine		0.52	A	0.42	A	0.52	A	0.42	A	0.00	0.00	No
565	Treble/Marine Way	Irvine		1.04	F	0.95	E	1.02	F	0.95	E	(0.02)	0.00	No
566	Marine Way/Barranca Parkway	Irvine		0.51	A	0.91	E	0.51	A	0.91	E	0.00	0.00	No
567	Marine Way/Alton Parkway	Irvine		0.54	A	0.57	A	0.54	A	0.57	A	0.00	0.00	No
568	Ada/Marine Way	Irvine		0.76	C	0.77	C	0.76	C	0.76	C	0.00	(0.01)	No
569	Bake Parkway/Marine Way	Irvine	Yes	0.91	E	0.99	E	0.90	D	1.00	E	(0.01)	0.01	No
571	Portola Springs/Portola Parkway	Irvine		0.34	A	0.42	A	0.34	A	0.42	A	0.00	0.00	No
572	Modjeska/Irvine Boulevard	Irvine		0.57	A	0.59	A	0.57	A	0.58	A	0.00	(0.01)	No
575	Ridge Valley/Hornet - Decora	Irvine		0.22	A	0.39	A	0.22	A	0.38	A	0.00	(0.01)	No
576	Ridge Valley/Phantom - Carlow	Irvine		0.21	A	0.37	A	0.21	A	0.37	A	0.00	0.00	No
577	Pusan Way/Irvine Boulevard - Aquila	Irvine		0.51	A	0.53	A	0.51	A	0.53	A	0.00	0.00	No
579	Merit/Irvine Boulevard	Irvine		0.50	A	0.43	A	0.50	A	0.43	A	0.00	0.00	No
581	Lynx/Irvine Boulevard	Irvine		0.42	A	0.44	A	0.42	A	0.44	A	0.00	0.00	No
584	Orchard Hills Drive/Portola Parkway	Irvine		0.57	A	0.62	B	0.58	A	0.64	B	0.01	0.02	No
585	Shady Canyon Drive/Quail Hill Parkway[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
593	Alton Parkway/Fairbanks	Irvine		0.89	D	0.62	B	0.89	D	0.62	B	0.00	0.00	No
595	Skyhawk/Great Park Blvd[1]	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
637	Sterling/Muirlands Boulevard	Irvine		0.31	A	0.50	A	0.31	A	0.49	A	0.00	(0.01)	No
640	Thomas/Muirlands Boulevard	Irvine		0.27	A	0.39	A	0.27	A	0.39	A	0.00	0.00	No
641	Thomas/Rockfield Boulevard	Irvine		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HCM			*8.9*	*A*	*15.3*	*C*	*8.8*	*A*	*15.2*	*C*	*-0.1*	*-0.1*	--
655	Ridge Valley/Corsair	Irvine		0.28	A	0.33	A	0.28	A	0.34	A	0.00	0.01	No

Δ = change

= exceeds City's level of service (LOS) criteria

CMP = Congestion Management Program

Delay is reported in seconds/vehicle.

HCM = Highway Capacity Manual

ICU = Intersection Capacity Utilization

NB = Northbound

SB = Southbound

N/A = Not applicable (unsignalized intersection)

"--" = Not existing in the Buildout Pending Plus Project Without Jeffrey Road Extension condition.

[1] It is a roundabout.

As for SR-133 SB Ramps/Great Park Boulevard, an intersection v/c ratio increase of 0.02 in the a.m. peak hour exceeds the impact threshold. The elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road requires improvements at this deficient intersection to mitigate the LOS impact in the Buildout Pending Plus Irvine Gateway Village Project condition. A Project Study Report is currently being prepared by the City of Irvine for the SR-133 SB Ramps/Great Park Boulevard interchange. The proposed design of SR-133 SB ramps/Great Park Boulevard interchange includes one SB left-turn lane, one shared lane for through and left-turns, and two SB right-turn lanes. With this city project underway, the LOS impact at this location resulting from the No Jeffrey Extension condition (provided in Attachment B) is improved and therefore adequately mitigated. Therefore, with the proposed design at this new interchange, the elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road can be implemented in a Buildout Pending Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts at SR-133 SB Ramps/Great Park Boulevard.

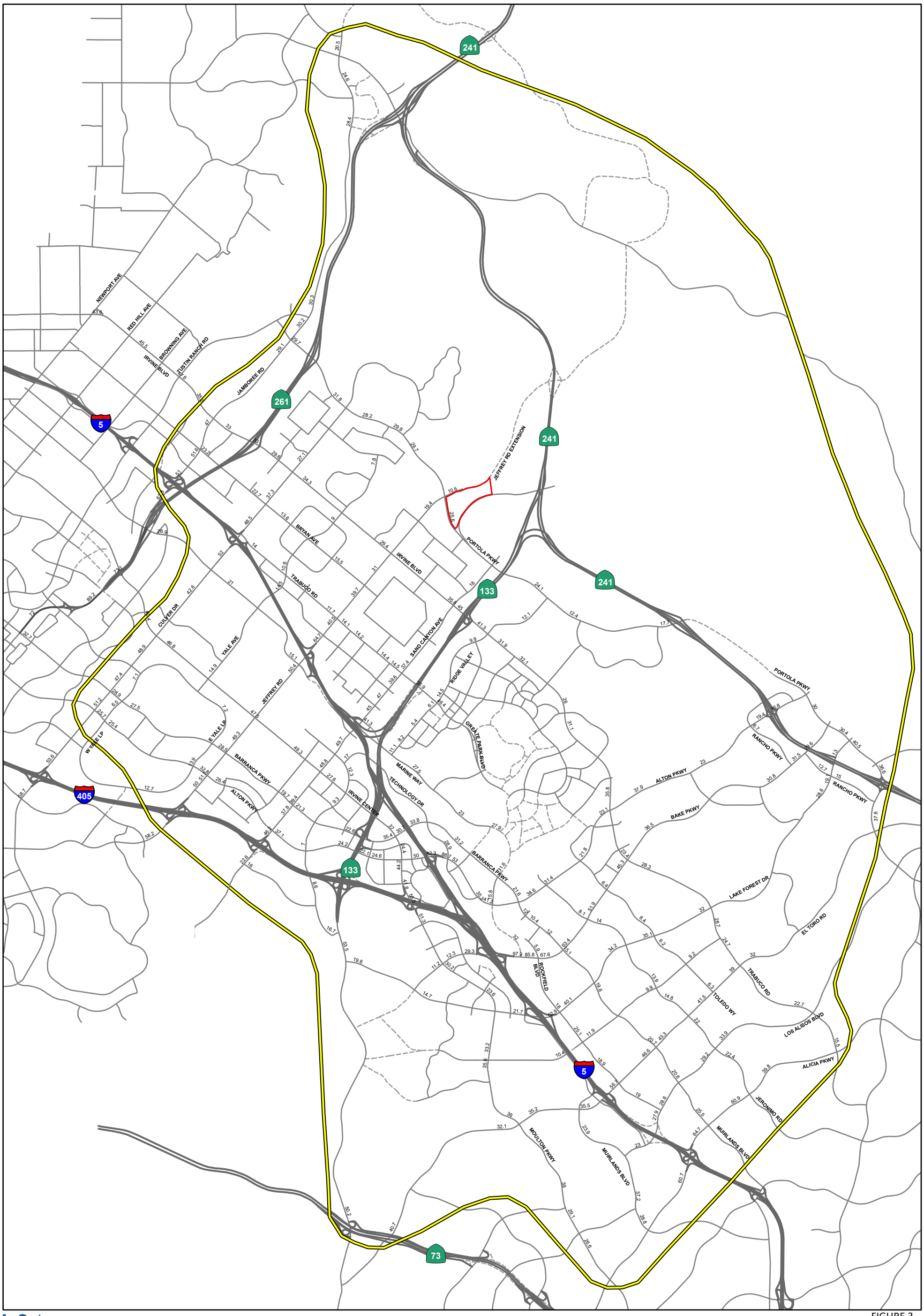
Roadway Segment Volumes and LOS

The ADT volumes and v/c ratios for the Buildout Pending Plus Irvine Gateway Village Project (with Jeffrey Road Extension) condition are illustrated on Figures 20 and 21 of Irvine Gateway Village Comprehensive Traffic Study (Attachment A), respectively. The ADT volumes and v/c ratios for the Buildout Pending Plus Irvine Gateway Village Project (without Jeffrey Road Extension) condition are illustrated on Figures 3 and 4 of this analysis, respectively.

Based on the ADT v/c performance criteria discussed before, several arterial roadway segments in the study area are forecast to operate deficiently in the Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the ADT v/c ratio increase does not exceed the impact threshold for those arterial roadway segments. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road can be implemented in a Buildout Pending Plus Irvine Gateway Village Project condition with no LOS impacts on arterial roadway segments within the study area.

Peak-Hour Freeway/Tollway Ramp LOS

A summary of freeway/tollway ramp LOS for Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) is presented in Table F.



LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000

FEET

FIGURE 3

Jeffrey Road Extension

Buildout Pending Plus Irvine Gateway Village Project (without Jeffrey Road Extension) ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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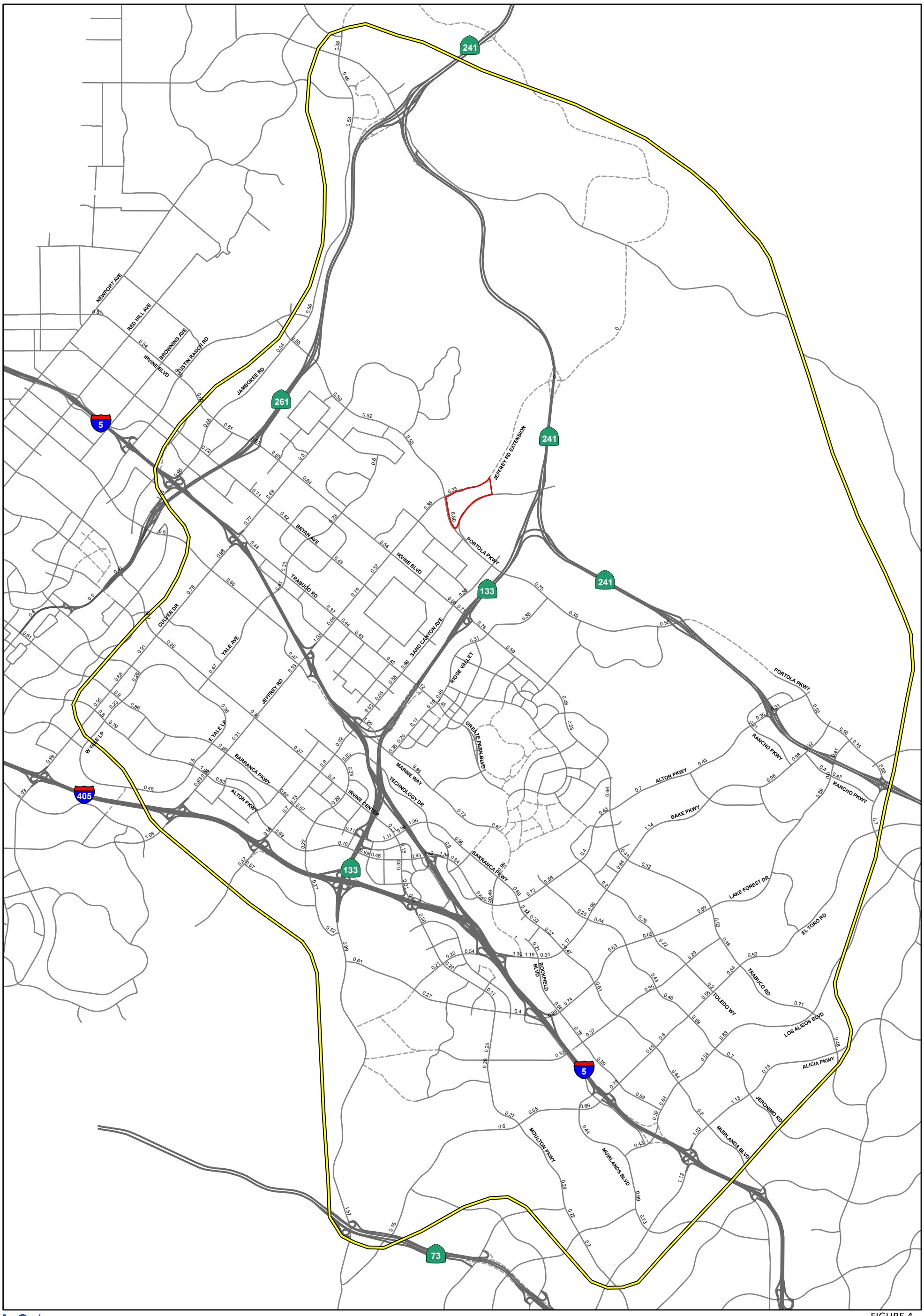

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000
FEET

FIGURE 4

Jeffrey Road Extension

Buildout Pending Plus Irvine Gateway Village Project (without Jeffrey Road Extension) ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Table F: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Freeway/Tollway Ramp LOS Summary

				With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
Interchange	Ramp	Lanes	Peak Hour Capacity	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	Significant Impact?
I-5 at Jamboree Road	SB Direct On	1	1,500	489	0.33	A	1,358	0.91	E	496	0.33	A	1,357	0.90	D	0.00	(0.01)	No
	SB Loop On	1	1,080	867	0.80	C	532	0.49	A	886	0.82	D	532	0.49	A	0.02	0.00	No
	NB Direct On	1	1,080	817	0.76	C	374	0.35	A	823	0.76	C	398	0.37	A	0.00	0.02	No
	NB Loop On	1	1,080	501	0.46	A	416	0.39	A	501	0.46	A	425	0.39	A	0.00	0.00	No
	SB Off	2	3,000	1,502	0.50	A	1,244	0.41	A	1,503	0.50	A	1,243	0.41	A	0.00	0.00	No
	NB Off	1	1,500	1,465	0.98	E	1,509	1.00	E	1,468	0.98	E	1,506	1.00	E	0.00	0.00	No
I-5 at Culver Drive	SB Direct On	1	900	383	0.43	A	494	0.55	A	384	0.43	A	489	0.54	A	0.00	(0.01)	No
	SB Loop On	1	900	850	0.94	E	378	0.42	A	825	0.92	E	376	0.42	A	(0.02)	0.00	No
	NB Direct On	1	900	876	0.97	E	787	0.87	D	860	0.96	E	785	0.87	D	(0.01)	0.00	No
	NB Loop On	1	1,500	1,050	0.70	B	526	0.35	A	1,050	0.70	B	527	0.35	A	0.00	0.00	No
	SB Off	2	2,250	1,381	0.61	B	1,789	0.80	C	1,382	0.61	B	1,790	0.80	C	0.00	0.00	No
	NB Off	1	1,500	647	0.43	A	971	0.65	B	645	0.43	A	960	0.64	B	0.00	(0.01)	No
I-5 at Jeffrey Road	SB On	1	1,080	1,365	1.26	F	1,439	1.33	F	1,381	1.28	F	1,440	1.33	F	0.02	0.00	Yes
	NB Direct On	1	1,080	866	0.80	C	477	0.44	A	866	0.80	C	476	0.44	A	0.00	0.00	No
	NB Loop On	1	1,500	298	0.20	A	407	0.27	A	286	0.19	A	414	0.28	A	(0.01)	0.01	No
	SB Off	1	1,500	587	0.39	A	965	0.64	B	579	0.39	A	979	0.65	B	0.00	0.01	No
	NB Off	2	2,250	1,188	0.53	A	1,469	0.65	B	1,189	0.53	A	1,470	0.65	B	0.00	0.00	No
I-5 at Sand Canyon Avenue	SB On	1	1,500	793	0.53	A	817	0.54	A	793	0.53	A	817	0.54	A	0.00	0.00	No
	NB On	1	1,500	929	0.62	B	944	0.63	B	948	0.63	B	947	0.63	B	0.01	0.00	No
	SB Off	2	2,250	1,094	0.49	A	1,276	0.57	A	1,107	0.49	A	1,275	0.57	A	0.00	0.00	No
	NB Off	2	2,250	804	0.36	A	1,460	0.65	B	807	0.36	A	1,461	0.65	B	0.00	0.00	No
I-5 at Barranca Parkway	NB On	1	1,500	169	0.11	A	269	0.18	A	173	0.12	A	269	0.18	A	0.01	0.00	No
	SB Off	1	1,500	295	0.20	A	227	0.15	A	296	0.20	A	227	0.15	A	0.00	0.00	No
I-5 at Alton Parkway	SB On	1	1,500	125	0.08	A	630	0.42	A	125	0.08	A	627	0.42	A	0.00	0.00	No
	NB Direct On	2	1,800	920	0.51	A	1,212	0.67	B	938	0.52	A	1,211	0.67	B	0.01	0.00	No
	NB Loop On	1	1,500	226	0.15	A	736	0.49	A	225	0.15	A	738	0.49	A	0.00	0.00	No
	SB Off	2	2,250	1,994	0.89	D	1,605	0.71	C	2,001	0.89	D	1,598	0.71	C	0.00	0.00	No
	NB Off	2	2,250	1,286	0.57	A	342	0.15	A	1,285	0.57	A	342	0.15	A	0.00	0.00	No
I-5 at Bake Parkway	SB Direct On	1	1,500	100	0.07	A	75	0.05	A	100	0.07	A	72	0.05	A	0.00	0.00	No
	SB Loop On	1	1,080	603	0.56	A	945	0.88	D	574	0.53	A	938	0.87	D	(0.03)	(0.01)	No
	NB Direct On	2	3,400	2,161	0.64	B	2,425	0.71	C	2,106	0.62	B	2,443	0.72	C	(0.02)	0.01	No
	NB Loop On	1	1,500	228	0.15	A	693	0.46	A	241	0.16	A	686	0.46	A	0.01	0.00	No
	SB Off	3	4,500	3,626	0.81	D	2,957	0.66	B	3,638	0.81	D	2,963	0.66	B	0.00	0.00	No
	NB Off	2	3,000	968	0.32	A	623	0.21	A	962	0.32	A	621	0.21	A	0.00	0.00	No
I-5 at Lake Forest Drive	SB Direct On	1	1,500	681	0.45	A	1,070	0.71	C	681	0.45	A	1,074	0.72	C	0.00	0.01	No
	SB Loop On	1	1,080	491	0.45	A	466	0.43	A	492	0.46	A	467	0.43	A	0.01	0.00	No
	NB On	2	1,800	1,202	0.67	B	920	0.51	A	1,211	0.67	B	925	0.51	A	0.00	0.00	No
	SB Off	2	3,000	1,881	0.63	B	2,589	0.86	D	1,880	0.63	B	2,594	0.86	D	0.00	0.00	No
	NB Off	1	1,500	988	0.66	B	839	0.56	A	988	0.66	B	842	0.56	A	0.00	0.00	No
I-5 at El Toro Road	SB Direct On	1	1,080	373	0.35	A	543	0.50	A	366	0.34	A	551	0.51	A	(0.01)	0.01	No
	SB Loop On	1	1,500	971	0.65	B	1,168	0.78	C	968	0.65	B	1,161	0.77	C	0.00	(0.01)	No
	NB Direct On	1	1,500	1,191	0.79	C	927	0.62	B	1,164	0.78	C	953	0.64	B	(0.01)	0.02	No
	NB Loop On	1	1,500	824	0.55	A	1,111	0.74	C	854	0.57	A	1,113	0.74	C	0.02	0.00	No
	SB Off	2	2,250	1,598	0.71	C	1,236	0.55	A	1,599	0.71	C	1,235	0.55	A	0.00	0.00	No
	NB Off	1	1,500	1,212	0.81	D	1,371	0.91	E	1,230	0.82	D	1,372	0.91	E	0.01	0.00	No
I-5 at Alicia Parkway	SB Direct On	1	1,080	465	0.43	A	661	0.61	B	465	0.43	A	661	0.61	B	0.00	0.00	No
	SB Loop On	1	1,500	976	0.65	B	571	0.38	A	939	0.63	B	571	0.38	A	(0.02)	0.00	No
	NB Direct On	1	1,500	1,392	0.93	E	1,039	0.69	B	1,427	0.95	E	1,037	0.69	B	0.02	0.00	No
	NB Loop On	1	1,500	1,534	1.02	F	1,214	0.81	D	1,535	1.02	F	1,215	0.81	D	0.00	0.00	No
	SB Off	2	3,000	2,116	0.71	C	2,452	0.82	D	2,116	0.71	C	2,452	0.82	D	0.00	0.00	No
	NB Off	1	1,500	773	0.52	A	1,066	0.71	C	781	0.52	A	1,060	0.71	C	0.00	0.00	No
I-405 at Culver Drive	SB Direct On	1	1,500	686	0.46	A	911	0.61	B	669	0.45	A	907	0.60	A	(0.01)	(0.01)	No
	SB Loop On	1	900	539	0.60	A	211	0.23	A	547	0.61	B	215	0.24	A	0.01	0.01	No
	NB Direct On	1	1,500	1,470	0.98	E	908	0.61	B	1,470	0.98	E	908	0.61	B	0.00	0.00	No
	NB Loop On	1	1,500	867	0.58	A	396	0.26	A	866	0.58	A	397	0.26	A	0.00	0.00	No
	SB Off	2	3,000	1,320	0.44	A	2,018	0.67	B	1,319	0.44	A	2,017	0.67	B	0.00	0.00	No
	NB Off	1	1,500	909	0.61	B	1,055	0.70	B	910	0.61	B	1,069	0.71	C	0.00	0.01	No
I-405 at Jeffrey Road	SB Direct On	1	1,500	1,200	0.80	C	1,940	1.29	F	1,209	0.81	D	1,925	1.28	F	0.01	(0.01)	No
	SB Loop On	1	900	603	0.67	B	515	0.57	A	603	0.67	B	516	0.57	A	0.00	0.00	No
	NB Direct On	1	1,500	1,536	1.02	F	813	0.54	A	1,548	1.03	F	823	0.55	A	0.01	0.01	No
	NB Loop On	1	900	412	0.46	A	97	0.11	A	413	0.46	A	106	0.12	A	0.00	0.01	No
	SB Off	1	1,500	699	0.47	A	707	0.47	A	700	0.47	A	708	0.47	A	0.00	0.00	No
	NB Off	2	2,250	1,443	0.64	B	1,381	0.61	B	1,446	0.64	B	1,379	0.61	B	0.00	0.00	No

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Table F: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension Freeway/Tollway Ramp LOS Summary (Continue)

				With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
Interchange	Ramp	Lanes	Capacity	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	Significant Impact?
I-405 at Sand Canyon Avenue	SB Direct On	1	1,500	48	0.03	A	568	0.38	A	48	0.03	A	566	0.38	A	0.00	0.00	No
	SB Loop On	1	1,500	443	0.30	A	556	0.37	A	446	0.30	A	547	0.36	A	0.00	(0.01)	No
	NB Direct On	1	1,500	1,025	0.68	B	1,228	0.82	D	1,014	0.68	B	1,225	0.82	D	0.00	0.00	No
	NB Loop On	1	1,500	876	0.58	A	390	0.26	A	877	0.58	A	385	0.26	A	0.00	0.00	No
	SB Off	1	1,500	1,825	1.22	F	1,030	0.69	B	1,826	1.22	F	1,033	0.69	B	0.00	0.00	No
	NB Off	1	1,500	401	0.27	A	458	0.31	A	399	0.27	A	458	0.31	A	0.00	0.00	No
I-405 at Irvine Center Drive	SB Direct On	1	900	103	0.11	A	102	0.11	A	104	0.12	A	102	0.11	A	0.01	0.00	No
	SB Loop On	1	900	175	0.19	A	422	0.47	A	175	0.19	A	437	0.49	A	0.00	0.02	No
	NB Direct On	1	1,500	906	0.60	A	712	0.47	A	903	0.60	A	709	0.47	A	0.00	0.00	No
	NB Loop On	1	1,500	401	0.27	A	948	0.63	B	404	0.27	A	949	0.63	B	0.00	0.00	No
	SB Off	2	2,250	1,902	0.85	D	1,545	0.69	B	1,890	0.84	D	1,534	0.68	B	(0.01)	(0.01)	No
	NB Off	2	3,000	631	0.21	A	510	0.17	A	629	0.21	A	510	0.17	A	0.00	0.00	No
SR-133 at Irvine Boulevard	SB On	1	1,500	894	0.60	A	288	0.19	A	892	0.59	A	287	0.19	A	(0.01)	0.00	No
	NB Direct On	1	1,500	140	0.09	A	153	0.10	A	144	0.10	A	154	0.10	A	0.01	0.00	No
	NB Loop On	1	1,500	142	0.09	A	197	0.13	A	142	0.09	A	229	0.15	A	0.00	0.02	No
	SB Off	2	2,250	380	0.17	A	489	0.22	A	412	0.18	A	509	0.23	A	0.01	0.01	No
	NB Off	1	1,500	268	0.18	A	647	0.43	A	268	0.18	A	646	0.43	A	0.00	0.00	No
SR-133 at Great Park Boulevard	SB On	2	3,000	1,991	0.66	B	1,450	0.48	A	2,015	0.67	B	1,459	0.49	A	0.01	0.01	No
	NB On	1	1,500	242	0.16	A	943	0.63	B	245	0.16	A	1,022	0.68	B	0.00	0.05	No
	SB Off	1	1,500	1,342	0.89	D	387	0.26	A	1,470	0.98	E	397	0.26	A	0.09	0.00	No
	NB Off	2	3,000	1,447	0.48	A	1,896	0.63	B	1,440	0.48	A	1,924	0.64	B	0.00	0.01	No
SR-133 at Barranca Parkway	SB Loop On	1	1,080	517	0.48	A	1,052	0.97	E	520	0.48	A	1,052	0.97	E	0.00	0.00	No
	NB Direct On	1	1,080	206	0.19	A	854	0.79	C	194	0.18	A	861	0.80	C	(0.01)	0.01	No
	NB Loop On	1	1,500	299	0.20	A	1,068	0.71	C	298	0.20	A	1,061	0.71	C	0.00	0.00	No
	SB Off	2	3,000	2,037	0.68	B	567	0.19	A	2,041	0.68	B	574	0.19	A	0.00	0.00	No
	NB Off	2	2,250	1,225	0.54	A	870	0.39	A	1,229	0.55	A	864	0.38	A	0.01	(0.01)	No
SR-241 at Chapman /Santiago Canyon Road	SB On	2	1,800	974	0.54	A	1,028	0.57	A	961	0.53	A	1,029	0.57	A	(0.01)	0.00	No
	NB On	1	1,500	392	0.26	A	1,224	0.82	D	398	0.27	A	1,238	0.83	D	0.01	0.01	No
	SB Off	1	1,500	1,573	1.05	F	343	0.23	A	1,570	1.05	F	346	0.23	A	0.00	0.00	No
	NB Off	1	1,500	410	0.27	A	1,049	0.70	B	409	0.27	A	1,049	0.70	B	0.00	0.00	No
SR-241 at Jeffrey Road	SB On	1	1,500	0	0.00	A	0	0.00	A	--	--	--	--	--	--	--	--	--
	NB On	1	1,500	108	0.07	A	343	0.23	A	--	--	--	--	--	--	--	--	--
	SB Off	1	1,500	541	0.36	A	99	0.07	A	--	--	--	--	--	--	--	--	--
	NB Off	1	1,500	1	0.00	A	0	0.00	A	--	--	--	--	--	--	--	--	--
SR-241 at Portola Parkway (West)	SB On	1	1,500	278	0.19	A	236	0.16	A	279	0.19	A	237	0.16	A	0.00	0.00	No
	NB On	1	1,500	107	0.07	A	64	0.04	A	103	0.07	A	73	0.05	A	0.00	0.01	No
	SB Off	1	1,500	90	0.06	A	63	0.04	A	110	0.07	A	66	0.04	A	0.01	0.00	No
	NB Off	1	1,500	224	0.15	A	223	0.15	A	224	0.15	A	222	0.15	A	0.00	0.00	No
SR-241 at Alton Parkway	SB On	1	1,500	255	0.17	A	359	0.24	A	254	0.17	A	358	0.24	A	0.00	0.00	No
	NB On	1	1,500	514	0.34	A	506	0.34	A	508	0.34	A	508	0.34	A	0.00	0.00	No
	SB Off	1	1,500	653	0.44	A	383	0.26	A	654	0.44	A	383	0.26	A	0.00	0.00	No
	NB Off	2	2,250	471	0.21	A	138	0.06	A	471	0.21	A	139	0.06	A	0.00	0.00	No
SR-241 at Lake Forest Drive	NB On	2	2,250	425	0.19	A	402	0.18	A	411	0.18	A	402	0.18	A	(0.01)	0.00	No
	SB Off	1	1,500	417	0.28	A	297	0.20	A	420	0.28	A	296	0.20	A	0.00	0.00	No
SR-241 at Portola Parkway (East)	SB On	1	1,500	233	0.16	A	663	0.44	A	233	0.16	A	665	0.44	A	0.00	0.00	No
	NB On	2	2,250	596	0.26	A	291	0.13	A	595	0.26	A	292	0.13	A	0.00	0.00	No
	SB Off	1	1,500	320	0.21	A	492	0.33	A	328	0.22	A	473	0.32	A	0.01	(0.01)	No
	NB Off	2	2,250	678	0.30	A	293	0.13	A	679	0.30	A	293	0.13	A	0.00	0.00	No
SR-261 at Handy Creek Road	SB On	1	1,500	559	0.37	A	41	0.03	A	559	0.37	A	41	0.03	A	0.00	0.00	No
	NB Off	1	1,500	25	0.02	A	425	0.28	A	24	0.02	A	426	0.28	A	0.00	0.00	No
SR-261 at Chapman	SB On	1	1,500	1,462	0.97	E	325	0.22	A	1,465	0.98	E	330	0.22	A	0.01	0.00	No
	NB Off	1	1,500	311	0.21	A	1,175	0.78	C	318	0.21	A	1,192	0.79	C	0.00	0.01	No
SR-261 at Portola Parkway	SB On	1	1,500	424	0.28	A	128	0.09	A	425	0.28	A	127	0.08	A	0.00	(0.01)	No
	NB On	1	1,500	142	0.09	A	145	0.10	A	175	0.12	A	218	0.15	A	0.03	0.05	No
	SB Off	1	1,500	334	0.22	A	125	0.08	A	418	0.28	A	153	0.10	A	0.06	0.02	No
	NB Off	1	1,500	79	0.05	A	336	0.22	A	79	0.05	A	335	0.22	A	0.00	0.00	No
SR-261 at Irvine Boulevard	SB On	1	1,500	504	0.34	A	175	0.12	A	504	0.34	A	176	0.12	A	0.00	0.00	No
	NB On	1	1,500	108	0.07	A	149	0.10	A	107	0.07	A	149	0.10	A	0.00	0.00	No
	SB Off	1	1,500	225	0.15	A	112	0.07	A	225	0.15	A	112	0.07	A	0.00	0.00	No
	NB Off	1	1,500	57	0.04	A	557	0.37	A	57	0.04	A	559	0.37	A	0.00	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

"--" = Not existing in the Buildout Pending Plus Project condition.

Based on the v/c performance criteria discussed before, several freeway/tollway ramps in the study area are forecast to operate deficiently in the Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the v/c ratio increase does not exceed the impact threshold for those ramp locations, except for the Interstate (I) 5 SB on-ramp at Jeffrey Road. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road would require improvements at I-5 SB on-ramp at Jeffrey Road to mitigate the LOS impact. The conversion of the high-occupancy vehicle (HOV) preferential on-ramp to a second metered mixed-flow lane at the I-5 SB on-ramp at Jeffrey Road will increase the on-ramp capacity and reduce the project's LOS impact. This is also identified as a "partially funded" North Irvine Transportation Mitigation (NITM) improvement. As such, the removal of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road will participate in the implementation of this proposed mitigation improvement on a fair-share basis to mitigate its impact utilizing the methodology applied in the NITM program for determining fair share. The fair share calculation is based on the proportion of the forecasted Buildout Pending Plus Irvine Gateway Village Project peak-hour volume ([without Jeffrey Road extension peak-hour volume – with Jeffrey Road extension peak-hour volume]/without Jeffrey Road extension peak-hour volume). As shown in Table F, the Buildout Pending Plus Irvine Gateway Village project with Jeffrey Road Extension a.m. peak-hour volume at this ramp is 1,365 and the Buildout Pending Plus Irvine Gateway Village project without Jeffrey Road Extension a.m. peak-hour volume at this ramp is 1,381, which results in a 1.16 percent fair share contribution.

Peak-Hour Freeway/Tollway Mainline LOS

A summary of freeway/tollway mainline LOS for Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) is presented in Table G.

Based on the v/c performance criteria discussed before, several freeway/tollway mainline segments in the study area are forecast to operate deficiently in the Buildout Pending Plus Irvine Gateway Village Project (with and without Jeffrey Road Extension) conditions. However, the v/c ratio increase does not exceed the impact threshold for those mainline locations. Therefore, the elimination of the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road can be implemented in a Buildout Pending Plus Irvine Gateway Village Project condition with no peak-hour LOS impacts on freeway/tollway mainline segments in the study area.

VMT Analysis

A VMT analysis was conducted in ITAM TC V1.8 by City of Irvine transportation modeling staff to evaluate the VMT change with and without the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road within a 3-mile radius of the proposed residential project. Per the City's *Traffic Study Guidelines,* a transportation project that results in a net increase in VMT may be deemed significant and may require mitigation.

The VMT results are provided in Attachment C. Table H presents a summary of the VMT analysis results. As shown in Table H, removing the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road would result in a 0.10 percent decrease in VMT and is presumed to have a less than significant CEQA transportation impact in the Buildout Pending Plus Irvine Gateway Village Project condition.

LSA

Table G: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension
Freeway/Tollway Mainline LOS Summary

Location	Direction	Lanes	Peak Hour Capacity	With Jeffrey Road Extension						Without Jeffrey Road Extension						V/C Δ		Significant Impact?
				AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour					
				Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	Volume	V/C	LOS	AM	PM	
I-5 north of Newport Avenue	NB	5+1H	11,600	16,340	1.41	F	16,718	1.44	F	16,315	1.41	F	16,717	1.44	F	0.00	0.00	No
	SB	5+1H	11,600	17,834	1.54	F	16,088	1.39	F	17,800	1.53	F	16,093	1.39	F	(0.01)	0.00	No
I-5 north of Red Hill Avenue	NB	5+1H	11,600	15,803	1.36	F	16,153	1.39	F	15,784	1.36	F	16,152	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	17,628	1.52	F	15,893	1.37	F	17,611	1.52	F	15,896	1.37	F	0.00	0.00	No
I-5 north of Tustin Ranch Road	NB	5+1H	11,600	17,347	1.50	F	17,468	1.51	F	17,325	1.49	F	17,458	1.51	F	(0.01)	0.00	No
	SB	5+1H	11,600	18,076	1.56	F	16,419	1.42	F	18,052	1.56	F	16,407	1.41	F	0.00	(0.01)	No
I-5 north of Jamboree Road	NB	5+1H	11,600	17,857	1.54	F	17,173	1.48	F	17,842	1.54	F	17,176	1.48	F	0.00	0.00	No
	SB	5+1H	11,600	17,486	1.51	F	16,762	1.45	F	17,474	1.51	F	16,767	1.45	F	0.00	0.00	No
I-5 north of Culver Drive	NB	5+1H	11,600	18,178	1.57	F	17,171	1.48	F	18,160	1.57	F	17,174	1.48	F	0.00	0.00	No
	SB	5+1H	11,600	17,067	1.47	F	16,922	1.46	F	17,095	1.47	F	16,924	1.46	F	0.00	0.00	No
I-5 north of Jeffrey Road	NB	6+1H	13,600	16,775	1.23	F	16,126	1.19	F	16,793	1.23	F	16,120	1.19	F	0.00	0.00	No
	SB	6+1H	13,600	16,296	1.20	F	16,062	1.18	F	16,293	1.20	F	16,059	1.18	F	0.00	0.00	No
I-5 north of Sand Canyon Avenue	NB	5+1H	11,600	17,281	1.49	F	16,137	1.39	F	17,299	1.49	F	16,130	1.39	F	0.00	0.00	No
	SB	5+1H	11,600	16,805	1.45	F	17,003	1.47	F	16,829	1.45	F	16,987	1.46	F	0.00	(0.01)	No
I-5 north of Alton Parkway	NB	4+1H	9,600	13,035	1.36	F	13,422	1.40	F	13,040	1.36	F	13,411	1.40	F	0.00	0.00	No
	SB	4+1H	9,600	13,216	1.38	F	12,206	1.27	F	13,217	1.38	F	12,187	1.27	F	0.00	0.00	No
I-5 north of I-405	NB	4+1H	9,600	11,731	1.22	F	10,660	1.11	F	11,712	1.22	F	10,645	1.11	F	0.00	0.00	No
	SB	4+1H	9,600	10,864	1.13	F	11,192	1.17	F	10,856	1.13	F	11,155	1.16	F	0.00	(0.01)	No
I-5 north of Bake Parkway	NB	9+2H	21,500	9,618	0.45	B	7,965	0.37	B	9,504	0.44	B	7,760	0.36	B	(0.01)	(0.01)	No
	SB	9+2H	21,500	7,407	0.34	B	7,722	0.36	B	7,492	0.35	B	7,655	0.36	B	0.01	0.00	No
I-5 north of Lake Forest Drive	NB	8+2H	19,500	21,373	1.10	F	17,002	0.87	D	21,433	1.10	F	16,994	0.87	D	0.00	0.00	No
	SB	8+2H	19,500	16,808	0.86	D	19,604	1.01	F	16,806	0.86	D	19,602	1.01	F	0.00	0.00	No
I-5 north of El Toro Road	NB	5+2H	13,500	19,352	1.43	F	15,422	1.14	F	19,355	1.43	F	15,423	1.14	F	0.00	0.00	No
	SB	5+2H	13,500	14,935	1.11	F	17,794	1.32	F	14,932	1.11	F	17,786	1.32	F	0.00	0.00	No
I-5 north of Alicia Parkway	NB	5+1H	11,600	17,465	1.51	F	14,065	1.21	F	17,423	1.50	F	14,040	1.21	F	(0.01)	0.00	No
	SB	4+1H	9,600	13,871	1.44	F	16,499	1.72	F	13,849	1.44	F	16,505	1.72	F	0.00	0.00	No
I-5 south of Alicia Parkway	NB	4+1H	9,600	15,673	1.63	F	12,864	1.34	F	15,681	1.63	F	12,857	1.34	F	0.00	0.00	No
	SB	4+1H	9,600	12,823	1.34	F	14,929	1.56	F	12,822	1.34	F	14,932	1.56	F	0.00	0.00	No
I-405 north of Jeffrey Road	NB	5+1H	11,600	16,553	1.43	F	14,576	1.26	F	16,560	1.43	F	14,599	1.26	F	0.00	0.00	No
	SB	5+1H	11,600	13,663	1.18	F	16,102	1.39	F	13,656	1.18	F	16,110	1.39	F	0.00	0.00	No
I-405 north of Sand Canyon Avenue	NB	5+1H	11,600	16,969	1.46	F	14,654	1.26	F	16,967	1.46	F	14,658	1.26	F	0.00	0.00	No
	SB	5+1H	11,600	13,570	1.17	F	16,023	1.38	F	13,577	1.17	F	16,023	1.38	F	0.00	0.00	No
I-405 north of SR-133	NB	5+1H	11,600	16,635	1.43	F	13,421	1.16	F	16,633	1.43	F	13,434	1.16	F	0.00	0.00	No
	SB	5+1H	11,600	12,341	1.06	F	15,724	1.36	F	12,348	1.06	F	15,705	1.35	F	0.00	(0.01)	No
I-405 north of Irvine Center Drive	NB	5+1H	11,600	12,803	1.10	F	10,366	0.89	D	12,814	1.10	F	10,378	0.89	D	0.00	0.00	No
	SB	4+1H	9,600	9,420	0.98	E	11,860	1.24	F	9,421	0.98	E	11,870	1.24	F	0.00	0.00	No
I-405 north of I-5	NB	4+1H	9,600	8,080	0.84	D	5,864	0.61	C	8,040	0.84	D	5,881	0.61	C	0.00	0.00	No
	SB	4+1H	9,600	7,792	0.81	D	10,454	1.09	F	7,807	0.81	D	10,501	1.09	F	0.00	0.00	No
SR-133 north of Irvine Boulevard	NB	4	8,000	1,658	0.21	A	7,088	0.89	D	1,689	0.21	A	7,210	0.90	E	0.00	0.01	No
	SB	4	8,000	8,110	1.01	F	1,736	0.22	A	8,322	1.04	F	1,772	0.22	A	0.03	0.00	No
SR-133 north of Great Park Boulevard	NB	3	6,000	1,322	0.22	A	6,723	1.12	F	1,335	0.22	A	6,790	1.13	F	0.00	0.01	No
	SB	3	6,000	7,360	1.23	F	1,569	0.26	A	7,464	1.24	F	1,585	0.26	A	0.01	0.00	No
SR-133 north of I-5	NB	3	6,000	1,629	0.27	A	4,746	0.79	D	1,623	0.27	A	4,742	0.79	D	0.00	0.00	No
	SB	3	6,000	5,748	0.96	E	2,252	0.38	B	5,740	0.96	E	2,253	0.38	B	0.00	0.00	No
SR-133 south of I-5	NB	3	6,000	976	0.16	A	2,885	0.48	B	985	0.16	A	2,886	0.48	B	0.00	0.00	No
	SB	3	6,000	3,641	0.61	C	1,486	0.25	A	3,624	0.60	C	1,486	0.25	A	(0.01)	0.00	No
SR-133 north of I-405	NB	3	6,000	4,287	0.71	C	4,928	0.82	D	4,290	0.72	D	4,923	0.82	D	0.01	0.00	No
	SB	3	6,000	5,104	0.85	D	3,742	0.62	C	5,090	0.85	D	3,742	0.62	C	0.00	0.00	No
SR-133 south of I-405	NB	3	6,000	3,293	0.55	C	3,707	0.62	C	3,245	0.54	C	3,716	0.62	C	(0.01)	0.00	No
	SB	3	6,000	3,199	0.53	C	3,329	0.55	C	3,152	0.53	C	3,314	0.55	C	0.00	0.00	No
SR-241 north of Santiago Canyon Road	NB	3	6,000	2,908	0.48	B	7,358	1.23	F	2,919	0.49	B	7,342	1.22	F	0.01	(0.01)	No
	SB	3	6,000	9,185	1.53	F	2,419	0.40	B	9,203	1.53	F	2,417	0.40	B	0.00	0.00	No
SR-241 north of Jeffrey Road	NB	4	8,000	3,398	0.42	B	5,567	0.70	C	3,339	0.42	B	5,388	0.67	C	0.00	(0.03)	No
	SB	4	8,000	5,977	0.75	D	2,802	0.35	B	5,763	0.72	D	2,745	0.34	B	(0.03)	(0.01)	No
SR-241 north of SR-133	NB	4	8,000	3,291	0.41	B	5,224	0.65	C	3,339	0.42	B	5,388	0.67	C	0.01	0.02	No
	SB	4	8,000	5,437	0.68	C	2,704	0.34	B	5,763	0.72	D	2,745	0.34	B	0.04	0.00	No
SR-241 north of Portola Parkway	NB	5	10,000	7,114	0.71	C	2,807	0.28	A	7,060	0.71	C	2,823	0.28	A	0.00	0.00	No
	SB	5	10,000	2,809	0.28	A	5,639	0.56	C	2,851	0.29	A	5,619	0.56	C	0.01	0.00	No
SR-241 north of Alton Parkway	NB	5	10,000	7,266	0.73	D	3,114	0.31	B	7,215	0.72	D	3,122	0.31	B	(0.01)	0.00	No
	SB	5	10,000	3,202	0.32	B	5,745	0.57	C	3,232	0.32	B	5,723	0.57	C	0.00	0.00	No
SR-241 north of Lake Forest Drive	NB	4	8,000	7,936	0.99	E	2,897	0.36	B	7,895	0.99	E	2,904	0.36	B	0.00	0.00	No
	SB	4	8,000	2,845	0.36	B	6,198	0.77	D	2,868	0.36	B	6,183	0.77	D	0.00	0.00	No
SR-261 north of Portola Parkway	NB	4	8,000	488	0.06	A	2,027	0.25	A	551	0.07	A	2,177	0.27	A	0.01	0.02	No
	SB	4	8,000	3,320	0.42	B	469	0.06	A	3,543	0.44	B	519	0.06	A	0.02	0.00	No
SR-261 north of Irvine Boulevard	NB	4	8,000	272	0.03	A	2,025	0.25	A	284	0.04	A	2,037	0.25	A	0.01	0.00	No
	SB	4	8,000	2,726	0.34	B	273	0.03	A	2,776	0.35	B	278	0.03	A	0.01	0.00	No
SR-261 south of Irvine Boulevard	NB	4	8,000	463	0.06	A	2,808	0.35	B	476	0.06	A	2,821	0.35	B	0.00	0.00	No
	SB	4	8,000	3,476	0.43	B	560	0.07	A	3,495	0.44	B	564	0.07	A	0.01	0.00	No

= exceeds level of service (LOS) criteria

V/C = Volume/Capacity Ratio

NB = Northbound; SB = Southbound

I-5 = Interstate 5; I-405 = Interstate 405

SR-133 = State Route 133; SR-241 = State Route 241; SR-261 = State Route 261

Table H: Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension VMT Analysis Result (Jeffrey Road Extension from Portola Parkway to Santiago Canyon Road)

Scenario	Total VMT[1] (Within a 3-Mile Radius of the Proposed Project)
Buildout Pending Plus Irvine Gateway Village Project with Jeffrey Road Extension	3,332,483
Buildout Pending Plus Irvine Gateway Village Project without Jeffrey Road Extension	3,329,221
Difference	**-3,262 (-0.10%)**
Significant Impact?	**No**

Source: Compiled by LSA (2024).
[1] VMT results are provided in Attachment C.
VMT = vehicle miles traveled

CONCLUSIONS

A feasibility analysis was conducted to determine potential impacts associated with the elimination of the planned Jeffrey Road extension from the City's MPAH for both Buildout Approved and Pending scenarios. The summary of the feasibility analysis is as follows:

- **Buildout Approved Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension:** This scenario evaluates the potential LOS impacts of removing the Jeffrey Road extension from Portola Parkway to SR-241. Based on the LOS analysis results, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 would create an LOS impact at the intersection of SR-133 SB Ramps/Great Park Boulevard. A Project Study Report is currently being prepared by the City of Irvine for the SR-133 SB Ramps/Great Park Boulevard interchange. The proposed design of SR-133 SB ramps/Great Park Boulevard interchange includes one SB left-turn lane, one shared lane for through and left-turns, and two SB right-turn lanes. With this city project underway, the LOS impact at this location resulting from the No Jeffrey Extension condition (provided in Attachment B) is improved and therefore adequately mitigated. Therefore, the proposed design at this new interchange would mitigate the LOS impact at SR-133 SB Ramps/Great Park Boulevard.

  Removing the Jeffrey Road extension from Portola Parkway to SR-241 would result in a 0.66 percent increase in VMT and would be presumed to have a significant CEQA transportation impact in the Buildout Approved Plus Irvine Gateway Village Project condition.

- **Buildout Pending Plus Irvine Gateway Village Project With and Without Jeffrey Road Extension:** This scenario evaluates the potential LOS impacts of removing the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road. Based on the LOS analysis results, the elimination of the Jeffrey Road extension from Portola Parkway to SR-241 would create an LOS impact at the following locations; however, the corresponding improvements are proposed to mitigate the LOS impact.

  - Intersection of SR-133 SB Ramps/Great Park Boulevard. A Project Study Report is currently being prepared by the City of Irvine for the SR-133 SB Ramps/Great Park Boulevard interchange. The proposed design of SR-133 SB ramps/Great Park Boulevard interchange

includes one SB left-turn lane, one shared lane for through and left-turns, and two SB right-turn lanes. With this city project underway, the LOS impact at this location resulting from the No Jeffrey Extension condition (provided in Attachment B) is improved and therefore adequately mitigated. Therefore, the proposed design at this new interchange would mitigate the LOS impact at SR-133 SB Ramps/Great Park Boulevard.

- I-5 SB on-ramp at Jeffrey Road. The conversion of the HOV preferential on-ramp to a second metered mixed-flow lane at this ramp location will increase the on-ramp capacity and reduce the project's LOS impact. This is identified as an NITM partially funded improvement. The project will participate in the implementation of this proposed mitigation improvement on a fair-share basis to mitigate its impact, and a 1.16 percent fair-share contribution would be required.

Removing the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road would result in a 0.10 percent decrease in VMT and would be presumed to have a less than significant CEQA transportation impact in the Buildout Pending Plus Irvine Gateway Village Project condition.

REFERENCES

City of Irvine. 2023. *Traffic Study Guidelines*. Adopted March 21, 2023.

_____. 2024. *2045 Irvine General Plan*.

ATTACHMENT A

FIGURES

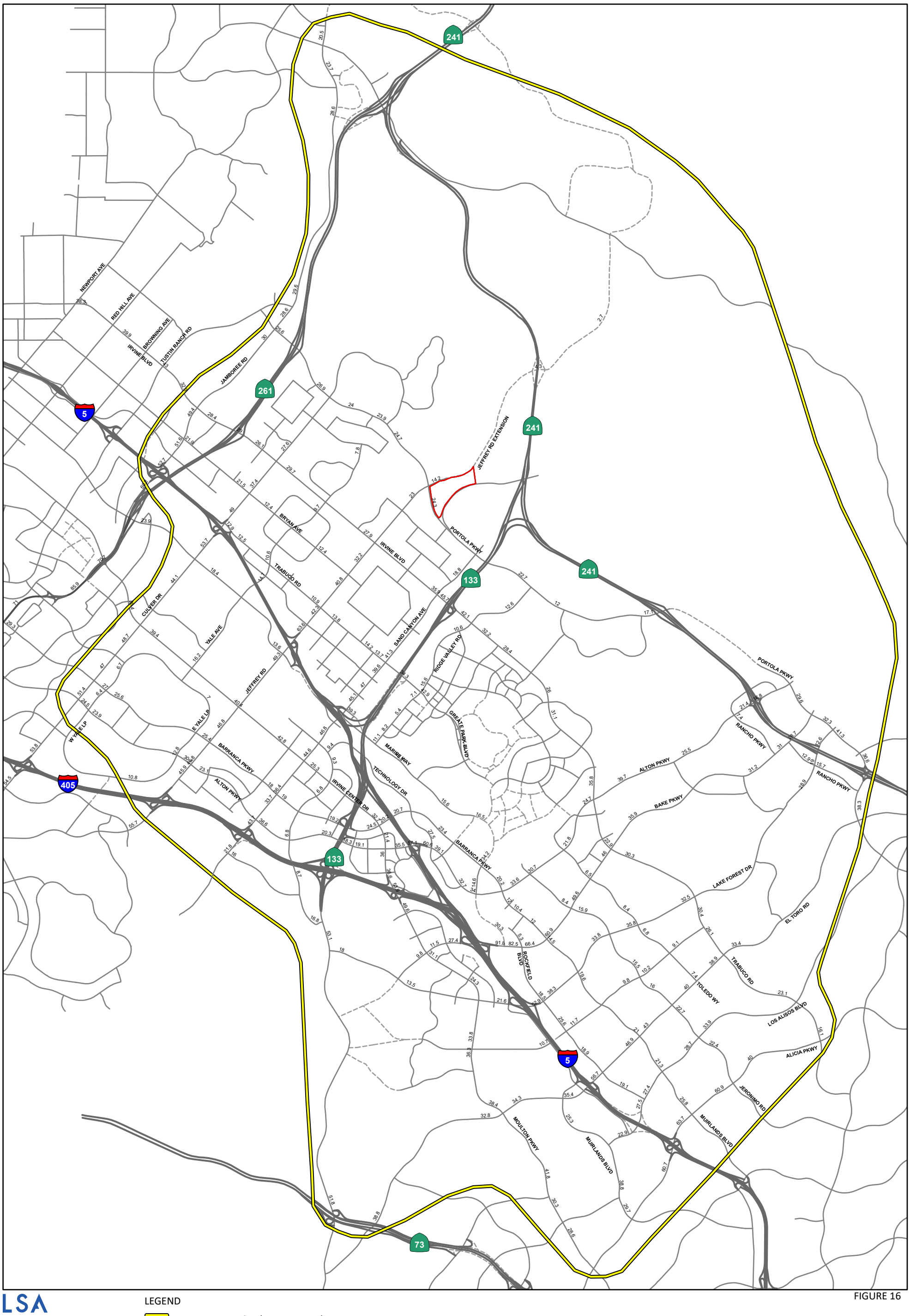

FIGURE 16

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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Irvine Gateway Village

Buildout Approved Plus Project ADT Volumes

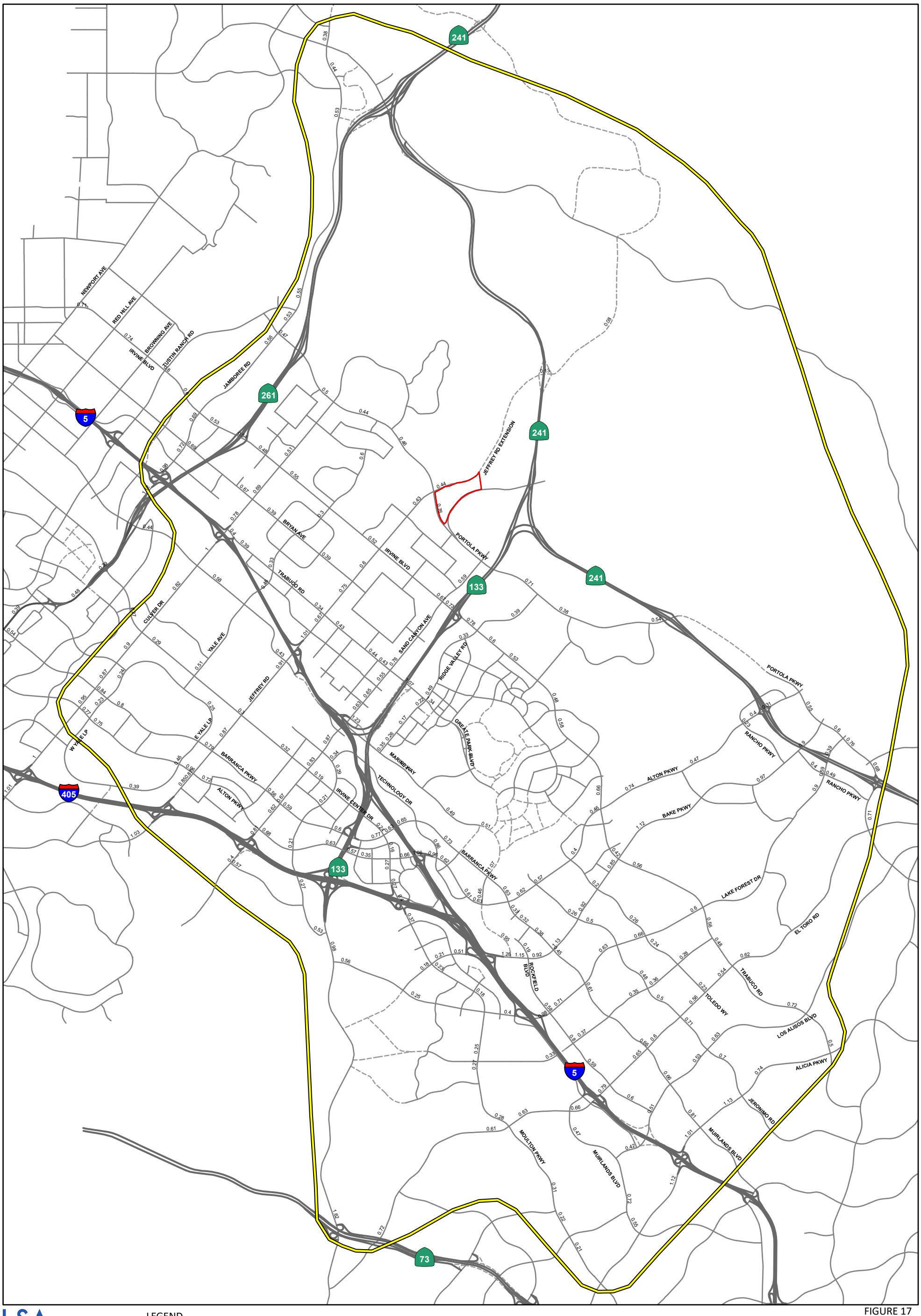

FIGURE 17

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

0 2500 5000

FEET

Irvine Gateway Village

Buildout Approved Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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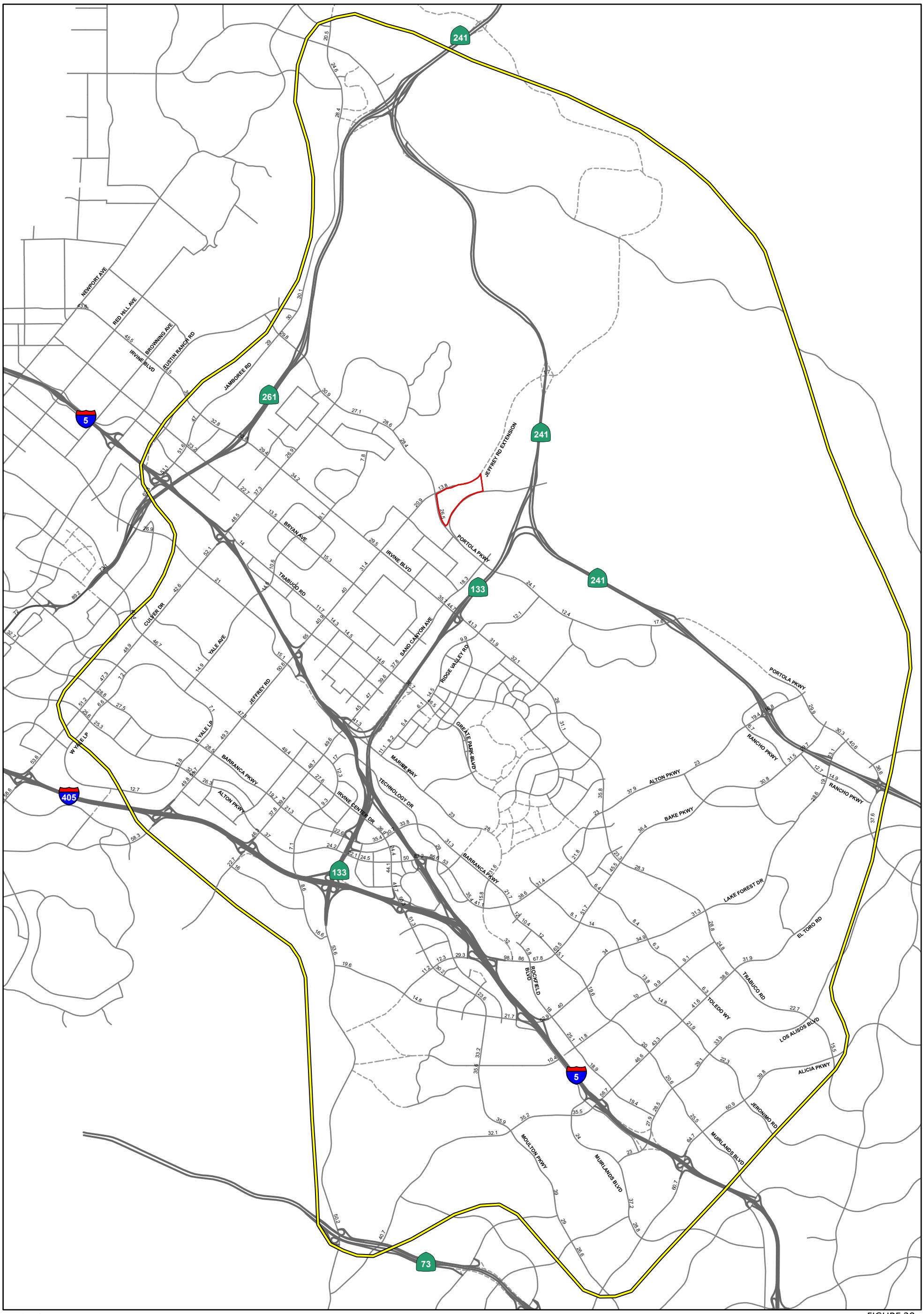

LSA

FIGURE 20

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- XX. X ADT Volume (000s)

0 2500 5000
FEET

Irvine Gateway Village

Buildout Pending Plus Project ADT Volumes

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

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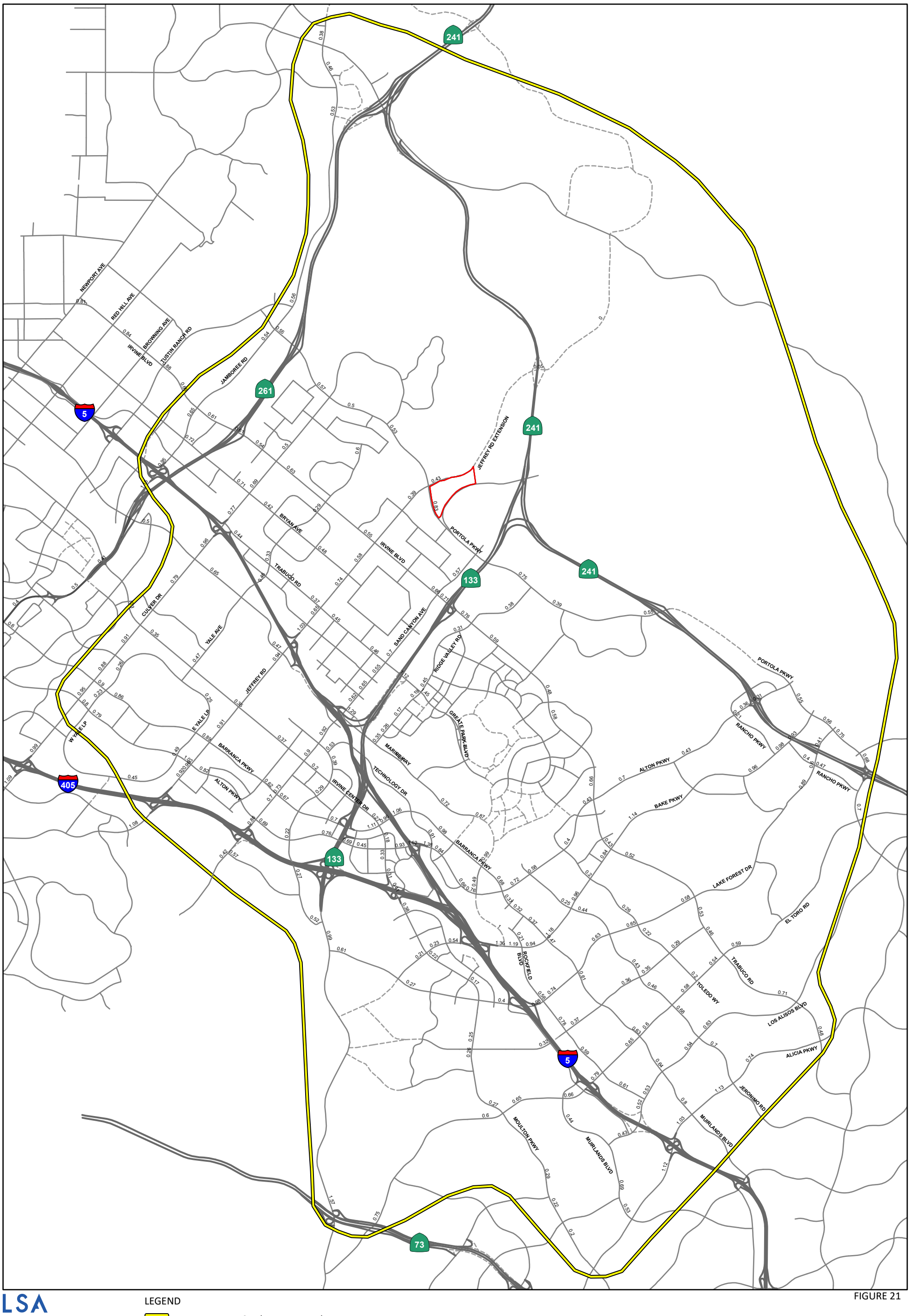


FIGURE 21

LSA

LEGEND

- NITM Program Study Area Boundary
- Project Location
- ------ Future Roadways
- . XX ADT V/C Ratio

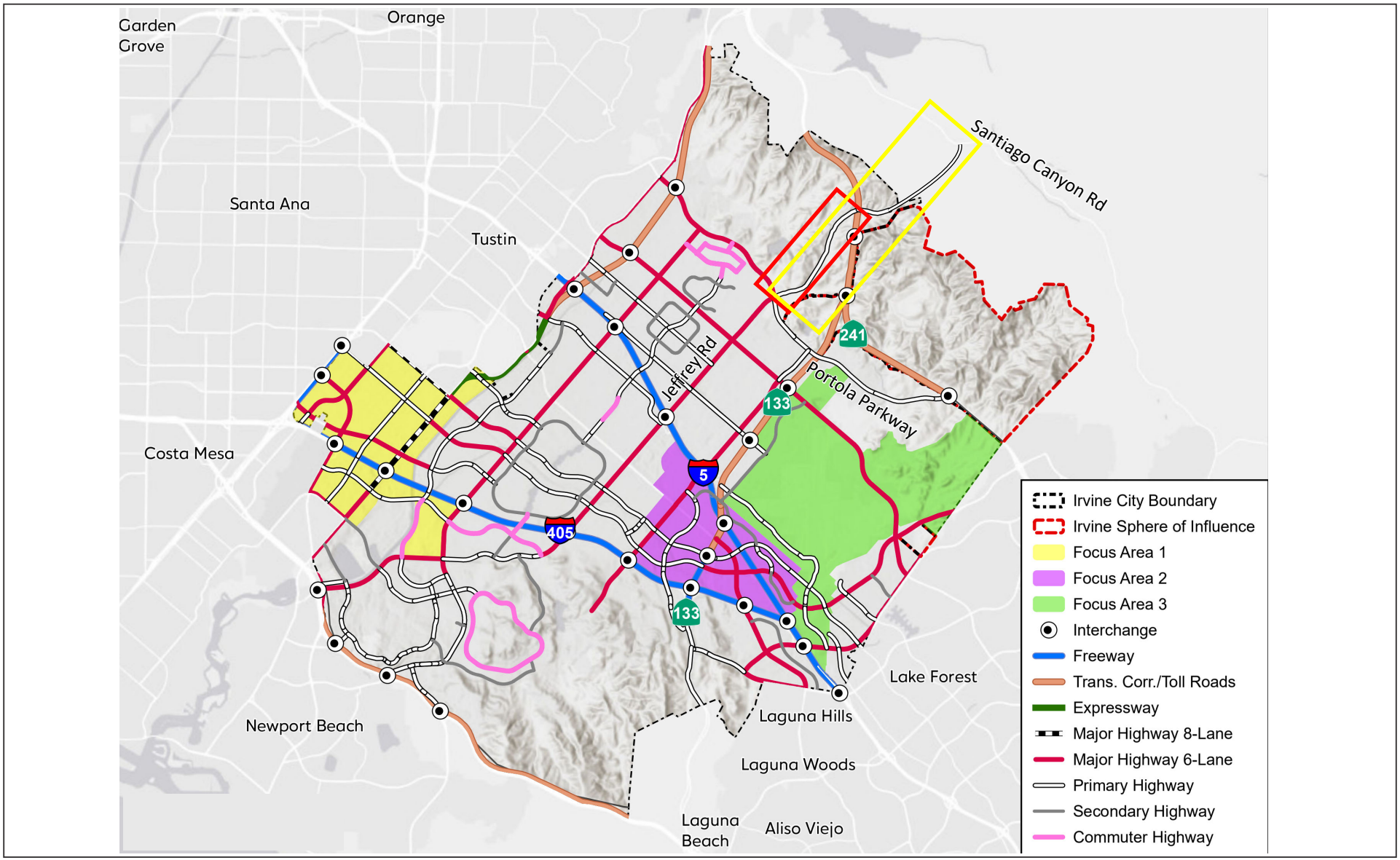
0 2500 5000
FEET

Irvine Gateway Village

Buildout Pending Plus Project ADT V/C Ratios

SOURCE: Irvine Transportation Analysis Model Version 1.8 (2024).

P:\2023\20231340 - Irvine Gateway\GIS\ADT Maps\ADT_Maps\ADT_Maps.aprx (2/1/2025)



LSA

FIGURE 35

LEGEND

Jeffrey Road Extension (from Portola Parkway to SR-241) in the Buildout Approved Plus Project condition.

Jeffrey Road Extension (from Portola Parkway to Santiago Canyon Road) in the Buildout Approved Plus Project condition.

0 1 2
MILES

SOURCE: 2045 Irvine General Plan (2024)

Irvine Gateway Village

Jeffrey Road Extension Location

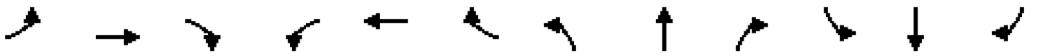
I:\2023\20231340\G\Jeffrey_Extension.ai (12/23/2024)

ATTACHMENT B

LOS WORKSHEETS

HCM Worksheet
Buildout Approved Plus Project Feasibility Analysis

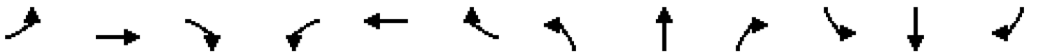
(without the Jeffrey Road extension from Portola Parkway to SR-241)



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1125	92	396	1607	0	0	0	0	42	0	185
Future Volume (veh/h)	0	1125	92	396	1607	0	0	0	0	42	0	185
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1223	100	430	1747	0				46	0	201
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1677	137	593	3170	0				615	0	282
Arrive On Green	0.00	0.35	0.35	0.17	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4979	393	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	865	458	430	1747	0				46	0	201
Grp Sat Flow(s),veh/h/ln	0	1702	1800	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	9.9	9.9	5.3	8.8	0.0				0.5	0.0	5.3
Cycle Q Clear(g_c), s	0.0	9.9	9.9	5.3	8.8	0.0				0.5	0.0	5.3
Prop In Lane	0.00		0.22	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1187	627	593	3170	0				615	0	282
V/C Ratio(X)	0.00	0.73	0.73	0.72	0.55	0.00				0.07	0.00	0.71
Avail Cap(c_a), veh/h	0	1370	724	780	3722	0				1422	0	652
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.7	12.7	17.5	4.9	0.0				15.3	0.0	17.3
Incr Delay (d2), s/veh	0.0	1.7	3.2	2.3	0.2	0.0				0.1	0.0	3.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.6	3.1	1.7	0.7	0.0				0.2	0.0	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	14.4	15.9	19.8	5.0	0.0				15.4	0.0	20.7
LnGrp LOS		B	B	B	A					B		C
Approach Vol, veh/h		1323			2177						247	
Approach Delay, s/veh		14.9			8.0						19.7	
Approach LOS		B			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.2	20.1		12.5		32.3					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.3	11.9		7.3		10.8					
Green Ext Time (p_c), s		0.5	3.7		1.0		12.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	11.2
HCM 7th LOS	B



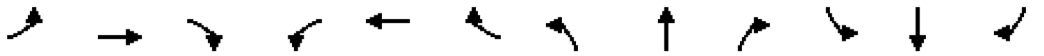
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	59	951	0	0	1599	47	17	1	38	0	0	0
Future Volume (veh/h)	59	951	0	0	1599	47	17	1	38	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	64	1034	0	0	1738	51	12	0	48			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	115	3572	0	0	2632	817	110	0	196			
Arrive On Green	0.06	0.70	0.00	0.00	0.52	0.52	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	64	1034	0	0	1738	51	12	0	48			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.3	2.9	0.0	0.0	9.4	0.6	0.2	0.0	0.5			
Cycle Q Clear(g_c), s	1.3	2.9	0.0	0.0	9.4	0.6	0.2	0.0	0.5			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	115	3572	0	0	2632	817	110	0	196			
V/C Ratio(X)	0.55	0.29	0.00	0.00	0.66	0.06	0.11	0.00	0.24			
Avail Cap(c_a), veh/h	236	4427	0	0	3141	975	864	0	1538			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.1	2.1	0.0	0.0	6.7	4.6	16.7	0.0	16.9			
Incr Delay (d2), s/veh	4.1	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.6			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.0	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	21.2	2.2	0.0	0.0	7.1	4.6	17.1	0.0	17.5			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		1098			1789			60				
Approach Delay, s/veh		3.3			7.0			17.4				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		6.8		30.9			6.9	23.9				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.5		4.9			3.3	11.4				
Green Ext Time (p_c), s		0.1		7.0			0.0	8.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.9									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	812	0	378	0	615	0	0	2216	0
Future Volume (veh/h)	0	0	0	812	0	378	0	615	0	0	2216	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				958	0	260	0	634	0	0	2285	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1128	0	502	0	3242		0	2950	
Arrive On Green				0.32	0.00	0.32	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				958	0	260	0	634	0	0	2285	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				21.5	0.0	11.4	0.0	4.6	0.0	0.0	29.2	0.0
Cycle Q Clear(g_c), s				21.5	0.0	11.4	0.0	4.6	0.0	0.0	29.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1128	0	502	0	3242		0	2950	
V/C Ratio(X)				0.85	0.00	0.52	0.00	0.20		0.00	0.77	
Avail Cap(c_a), veh/h				1377	0	613	0	3242		0	3319	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.3	0.0	23.8	0.0	8.6	0.0	0.0	13.8	0.0
Incr Delay (d2), s/veh				4.4	0.0	0.8	0.0	0.0	0.0	0.0	1.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.4	0.0	4.3	0.0	1.5	0.0	0.0	9.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				31.7	0.0	24.7	0.0	8.6	0.0	0.0	14.8	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1218			634			2285	
Approach Delay, s/veh					30.2			8.6			14.8	
Approach LOS					C			A			B	

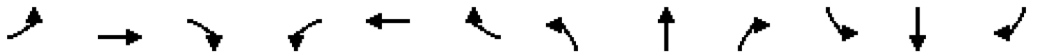
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	53.8	31.5	53.8
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	31.2	23.5	6.6
Green Ext Time (p_c), s	18.1	3.6	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.4
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1381	0	125	0	940	0	0	1715	0
Future Volume (veh/h)	0	0	0	1381	0	125	0	940	0	0	1715	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1424	0	129	0	969	0	0	1768	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1562	0	717	0	2012		0	2012	
Arrive On Green				0.45	0.00	0.45	0.00	0.39	0.00	0.00	0.39	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1424	0	129	0	969	0	0	1768	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				22.5	0.0	2.8	0.0	8.3	0.0	0.0	18.8	0.0
Cycle Q Clear(g_c), s				22.5	0.0	2.8	0.0	8.3	0.0	0.0	18.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1562	0	717	0	2012		0	2012	
V/C Ratio(X)				0.91	0.00	0.18	0.00	0.48		0.00	0.88	
Avail Cap(c_a), veh/h				1625	0	746	0	2052		0	2052	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	9.6	0.0	13.2	0.0	0.0	16.4	0.0
Incr Delay (d2), s/veh				8.0	0.0	0.1	0.0	0.2	0.0	0.0	4.7	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.0	0.0	0.9	0.0	2.4	0.0	0.0	6.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				22.9	0.0	9.7	0.0	13.4	0.0	0.0	21.1	0.0
LnGrp LOS				C		A		B			C	
Approach Vol, veh/h					1553			969			1768	
Approach Delay, s/veh					21.8			13.4			21.1	
Approach LOS					C			B			C	

Timer - Assigned Phs	2		6	8
Phs Duration (G+Y+Rc), s	27.5		27.5	30.9
Change Period (Y+Rc), s	4.5		4.5	4.5
Max Green Setting (Gmax), s	23.5		23.5	27.5
Max Q Clear Time (g_c+I1), s	10.3		20.8	24.5
Green Ext Time (p_c), s	4.9		2.3	2.0

Intersection Summary	
HCM 7th Control Delay, s/veh	19.6
HCM 7th LOS	B

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	240	0	101	0	0	0	0	1135	0	0	2712	0
Future Volume (veh/h)	240	0	101	0	0	0	0	1135	0	0	2712	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	245	0	103				0	1158	0	0	2767	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	428	0	196				0	3580		0	3580	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	245	0	103				0	1158	0	0	2767	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.4	0.0	3.1				0.0	4.5	0.0	0.0	18.2	0.0
Cycle Q Clear(g_c), s	3.4	0.0	3.1				0.0	4.5	0.0	0.0	18.2	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	428	0	196				0	3580		0	3580	
V/C Ratio(X)	0.57	0.00	0.52				0.00	0.32		0.00	0.77	
Avail Cap(c_a), veh/h	1210	0	555				0	3775		0	3775	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.2	0.0	21.1				0.0	3.0	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.2				0.0	0.1	0.0	0.0	1.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	1.2				0.0	0.3	0.0	0.0	1.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.4	0.0	23.3				0.0	3.0	0.0	0.0	6.0	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		348						1158			2767	
Approach Delay, s/veh		22.7						3.0			6.0	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.5		10.9		40.5						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.5		5.4		20.2						
Green Ext Time (p_c), s		8.6		1.0		15.9						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.6
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

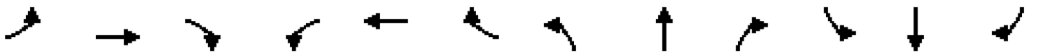
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	899	369	2159	0	0	1459
Future Volume (veh/h)	899	369	2159	0	0	1459
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	917	377	2203	0	0	1489
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1111	494	2637		0	2637
Arrive On Green	0.31	0.31	0.52	0.00	0.00	0.52
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	917	377	2203	0	0	1489
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	12.5	11.3	19.2	0.0	0.0	10.4
Cycle Q Clear(g_c), s	12.5	11.3	19.2	0.0	0.0	10.4
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1111	494	2637		0	2637
V/C Ratio(X)	0.83	0.76	0.84		0.00	0.56
Avail Cap(c_a), veh/h	1223	544	2726		0	2726
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.7	16.3	10.8	0.0	0.0	8.7
Incr Delay (d2), s/veh	4.4	5.8	2.3	0.0	0.0	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.1	4.3	4.8	0.0	0.0	2.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	21.1	22.0	13.1	0.0	0.0	8.9
LnGrp LOS	C	C	B			A
Approach Vol, veh/h	1294		2203			1489
Approach Delay, s/veh	21.4		13.1			8.9
Approach LOS	C		B			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	31.6			31.6	20.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	21.2			12.4	14.5
Green Ext Time (p_c), s	5.8			8.5	1.9

Intersection Summary	
HCM 7th Control Delay, s/veh	14.0
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



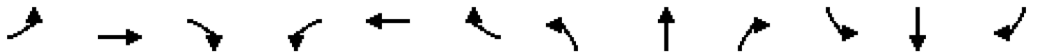
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	108	123	82	13	79	10	25	5	17	217	552	1336
Future Volume (veh/h)	108	123	82	13	79	10	25	5	17	217	552	1336
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	110	126	84	13	81	10	26	5	17	221	563	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	145	610	272	30	380	169	106	566	505	375	741	
Arrive On Green	0.08	0.17	0.17	0.02	0.11	0.11	0.03	0.32	0.32	0.11	0.40	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	110	126	84	13	81	10	26	5	17	221	563	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.2	0.0
Cycle Q Clear(g_c), s	2.8	1.4	2.2	0.3	1.0	0.3	0.3	0.1	0.3	2.8	12.2	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	145	610	272	30	380	169	106	566	505	375	741	
V/C Ratio(X)	0.76	0.21	0.31	0.44	0.21	0.06	0.25	0.01	0.03	0.59	0.76	
Avail Cap(c_a), veh/h	381	1725	769	202	1368	610	370	3355	2993	1160	3960	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	21.0	16.6	16.9	22.8	19.1	18.8	22.1	10.9	11.0	19.9	12.2	0.0
Incr Delay (d2), s/veh	7.9	0.2	0.6	9.9	0.3	0.1	1.2	0.0	0.0	1.5	1.6	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.5	0.7	0.2	0.4	0.1	0.1	0.0	0.1	1.1	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	28.9	16.8	17.6	32.7	19.4	18.9	23.3	10.9	11.0	21.3	13.8	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		320			104			48			784	
Approach Delay, s/veh		21.2			21.0			17.7			15.9	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.6	19.4	5.3	12.5	5.9	23.0	8.3	9.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.8	2.3	2.3	4.2	2.3	14.2	4.8	3.0
Green Ext Time (p_c), s	0.5	0.1	0.0	0.9	0.0	4.4	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.8
HCM 7th LOS	B

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	0	61	0	0	0	18	0	0	0
Future Volume (veh/h)	0	0	0	0	61	0	0	0	18	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	0	1870			
Adj Flow Rate, veh/h	0	0	0	0	66	0	0	0	20			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	0	2			
Cap, veh/h	12	650	0	0	650	551	48	0	42			
Arrive On Green	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.03			
Sat Flow, veh/h	1781	1870	0	0	1870	1585	1781	0	1585			
Grp Volume(v), veh/h	0	0	0	0	66	0	0	0	20			
Grp Sat Flow(s),veh/h/ln	1781	1870	0	0	1870	1585	1781	0	1585			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	12	650	0	0	650	551	48	0	42			
V/C Ratio(X)	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.47			
Avail Cap(c_a), veh/h	681	3641	0	0	2341	1984	2229	0	1984			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	6.9			
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	8.0			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	14.9			
LnGrp LOS					A				B			
Approach Vol, veh/h		0			66			20				
Approach Delay, s/veh		0.0			3.2			14.9				
Approach LOS					A			B				

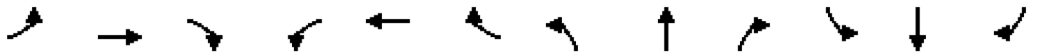
Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		4.9		9.5			0.0	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		28.0			5.5	18.0				
Max Q Clear Time (g_c+I1), s		2.2		0.0			0.0	2.3				
Green Ext Time (p_c), s		0.0		0.0			0.0	0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			5.9									
HCM 7th LOS			A									

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	62	0	0	0	0	0
Future Volume (veh/h)	62	0	0	0	0	0
Initial Q (Qb), veh	0	0			0	0
Lane Width Adj.	1.00	1.00			1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00			1.00	
Parking Bus, Adj	1.00	1.00			1.00	1.00
Work Zone On Approach	No					No
Adj Sat Flow, veh/h/ln	1870	0			1870	0
Adj Flow Rate, veh/h	67	0			0	0
Peak Hour Factor	0.92	0.92			0.92	0.92
Percent Heavy Veh, %	2	0			2	0
Cap, veh/h	0	0			0	0
Arrive On Green	NaN	0.00			0.00	0.00
Sat Flow, veh/h	0					0
Grp Volume(v), veh/h	0.0					0.0
Grp Sat Flow(s),veh/h/ln						
Q Serve(g_s), s						
Cycle Q Clear(g_c), s						
Prop In Lane						
Lane Grp Cap(c), veh/h						
V/C Ratio(X)						
Avail Cap(c_a), veh/h						
HCM Platoon Ratio						
Upstream Filter(I)						
Uniform Delay (d), s/veh						
Incr Delay (d2), s/veh						
Initial Q Delay(d3), s/veh						
%ile BackOfQ(50%),veh/ln						
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh						
LnGrp LOS						
Approach Vol, veh/h						
Approach Delay, s/veh						
Approach LOS						

Timer - Assigned Phs	
Phs Duration (G+Y+Rc), s	
Change Period (Y+Rc), s	
Max Green Setting (Gmax), s	
Max Q Clear Time (g_c+I1), s	
Green Ext Time (p_c), s	

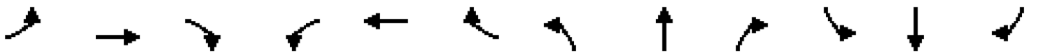
Intersection Summary	
HCM 7th Control Delay, s/veh	0.0
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	201	919	1097	368	0	0	0	0	542	0	831
Future Volume (veh/h)	0	201	919	1097	368	0	0	0	0	542	0	831
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	218	999	1192	400	0				589	0	903
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	218	999	1192	400	0				589	0	903
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	5.7	42.5	38.5	5.6	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	5.7	42.5	38.5	5.6	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.19	1.93	1.16	0.17	0.00				1.21	0.00	1.19
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.4	43.8	45.8	8.6	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	424.6	85.0	0.0	0.0				112.8	0.0	96.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.4	76.9	27.8	1.9	0.0				30.9	0.0	22.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.4	468.4	130.7	8.6	0.0				160.0	0.0	143.7
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1217			1592						1492	
Approach Delay, s/veh		390.1			100.0						150.2	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		7.6
Green Ext Time (p_c), s	0.0	0.0		0.0		2.5

Intersection Summary		
HCM 7th Control Delay, s/veh		199.5
HCM 7th LOS		F



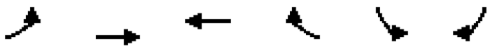
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	695	36	115	1091	0	461	0	929	0	0	0
Future Volume (veh/h)	0	695	36	115	1091	0	461	0	929	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	755	0	125	1186	0	501	0	1010			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	1025		161	1656	0	1241	0	1002			
Arrive On Green	0.00	0.29	0.00	0.09	0.47	0.00	0.36	0.00	0.36			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	755	0	125	1186	0	501	0	1010			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.9	0.0	3.5	13.8	0.0	5.6	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.9	0.0	3.5	13.8	0.0	5.6	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	1025		161	1656	0	1241	0	1002			
V/C Ratio(X)	0.00	0.74		0.78	0.72	0.00	0.40	0.00	1.01			
Avail Cap(c_a), veh/h	0	1415		259	2243	0	1241	0	1002			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	16.6	0.0	22.9	11.0	0.0	12.4	0.0	16.5			
Incr Delay (d2), s/veh	0.0	1.3	0.0	7.8	0.7	0.0	0.2	0.0	30.4			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.3	0.0	1.6	3.6	0.0	1.9	0.0	9.1			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	17.9	0.0	30.7	11.7	0.0	12.6	0.0	46.9			
LnGrp LOS		B		C	B		B		F			
Approach Vol, veh/h		755			1311			1511				
Approach Delay, s/veh		17.9			13.5			35.5				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	9.2	19.3				28.5		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	5.5	11.9				15.8		20.5				
Green Ext Time (p_c), s	0.0	3.0				7.1		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			23.7									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



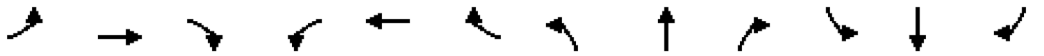
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1191	606	179	129	229	623
Future Volume (veh/h)	1191	606	179	129	229	623
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1295	659	195	140	449	463
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1379	1073	263	179	601	535
Arrive On Green	0.40	0.57	0.13	0.13	0.34	0.34
Sat Flow, veh/h	3456	1870	2114	1378	1781	1585
Grp Volume(v), veh/h	1295	659	170	165	449	463
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1622	1781	1585
Q Serve(g_s), s	32.4	20.9	8.3	8.9	20.1	24.6
Cycle Q Clear(g_c), s	32.4	20.9	8.3	8.9	20.1	24.6
Prop In Lane	1.00			0.85	1.00	1.00
Lane Grp Cap(c), veh/h	1379	1073	231	211	601	535
V/C Ratio(X)	0.94	0.61	0.74	0.78	0.75	0.87
Avail Cap(c_a), veh/h	1421	1185	316	288	601	535
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.0	12.6	37.6	37.9	26.4	27.9
Incr Delay (d2), s/veh	12.0	0.8	5.7	9.1	8.2	16.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	14.9	8.1	3.9	4.0	9.7	21.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	38.0	13.4	43.4	47.0	34.7	44.9
LnGrp LOS	D	B	D	D	C	D
Approach Vol, veh/h		1954	335		912	
Approach Delay, s/veh		29.7	45.1		39.8	
Approach LOS		C	D		D	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	55.6	34.4	39.9	15.7
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	57.0	25.0	37.0	16.0
Max Q Clear Time (g_c+I1), s	22.9	26.6	34.4	10.9
Green Ext Time (p_c), s	5.2	0.0	1.5	0.9

Intersection Summary	
HCM 7th Control Delay, s/veh	34.2
HCM 7th LOS	C

Notes

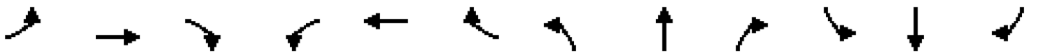
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1374	36	113	2186	0	0	0	0	48	0	65
Future Volume (veh/h)	0	1374	36	113	2186	0	0	0	0	48	0	65
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1462	38	120	2326	0				51	0	69
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2478	64	316	3506	0				316	0	145
Arrive On Green	0.00	0.48	0.48	0.09	0.69	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5286	133	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	972	528	120	2326	0				51	0	69
Grp Sat Flow(s),veh/h/ln	0	1702	1846	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.4	8.4	1.3	10.6	0.0				0.6	0.0	1.7
Cycle Q Clear(g_c), s	0.0	8.4	8.4	1.3	10.6	0.0				0.6	0.0	1.7
Prop In Lane	0.00		0.07	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1648	894	316	3506	0				316	0	145
V/C Ratio(X)	0.00	0.59	0.59	0.38	0.66	0.00				0.16	0.00	0.48
Avail Cap(c_a), veh/h	0	1923	1043	435	4093	0				1577	0	723
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	7.5	7.5	17.3	3.7	0.0				17.0	0.0	17.5
Incr Delay (d2), s/veh	0.0	0.4	0.7	0.8	0.3	0.0				0.2	0.0	2.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.3	1.5	0.4	0.1	0.0				0.2	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	7.9	8.2	18.1	4.0	0.0				17.2	0.0	19.9
LnGrp LOS		A	A	B	A					B		B
Approach Vol, veh/h		1500			2446						120	
Approach Delay, s/veh		8.0			4.7						18.8	
Approach LOS		A			A						B	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		8.2	24.1		8.2		32.3					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		3.3	10.4		3.7		12.6					
Green Ext Time (p_c), s		0.0	6.9		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	6.3
HCM 7th LOS	A

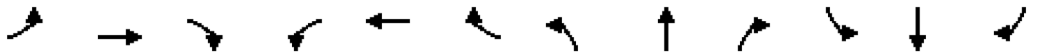


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	91	1181	0	0	1981	57	217	1	328	0	0	0
Future Volume (veh/h)	91	1181	0	0	1981	57	217	1	328	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	97	1256	0	0	2107	61	154	0	432			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	126	3271	0	0	2490	773	347	0	618			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.19	0.00	0.19			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	97	1256	0	0	2107	61	154	0	432			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	2.9	6.4	0.0	0.0	19.7	1.1	4.2	0.0	6.9			
Cycle Q Clear(g_c), s	2.9	6.4	0.0	0.0	19.7	1.1	4.2	0.0	6.9			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	126	3271	0	0	2490	773	347	0	618			
V/C Ratio(X)	0.77	0.38	0.00	0.00	0.85	0.08	0.44	0.00	0.70			
Avail Cap(c_a), veh/h	163	3456	0	0	2569	797	619	0	1102			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	25.0	4.7	0.0	0.0	12.2	7.5	19.4	0.0	20.5			
Incr Delay (d2), s/veh	15.5	0.1	0.0	0.0	2.7	0.0	0.9	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.6	0.8	0.0	0.0	5.2	0.2	1.7	0.0	2.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	40.4	4.8	0.0	0.0	15.0	7.5	20.3	0.0	22.0			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1353			2168			586				
Approach Delay, s/veh		7.3			14.7			21.5				
Approach LOS		A			B			C				
Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.1		39.5			8.4	31.2				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		8.9		8.4			4.9	21.7				
Green Ext Time (p_c), s		1.7		9.0			0.0	5.0				

Intersection Summary	
HCM 7th Control Delay, s/veh	13.3
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	595	0	899	0	2305	0	0	1259	0
Future Volume (veh/h)	0	0	0	595	0	899	0	2305	0	0	1259	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				413	0	1157	0	2401	0	0	1311	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				684	0	1218	0	2982		0	2714	
Arrive On Green				0.38	0.00	0.38	0.00	0.53	0.00	0.00	0.53	0.00
Sat Flow, veh/h				1781	0	3170	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				413	0	1157	0	2401	0	0	1311	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				19.8	0.0	37.7	0.0	37.4	0.0	0.0	17.3	0.0
Cycle Q Clear(g_c), s				19.8	0.0	37.7	0.0	37.4	0.0	0.0	17.3	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				684	0	1218	0	2982		0	2714	
V/C Ratio(X)				0.60	0.00	0.95	0.00	0.81		0.00	0.48	
Avail Cap(c_a), veh/h				693	0	1234	0	3236		0	2714	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				26.3	0.0	31.8	0.0	20.5	0.0	0.0	15.7	0.0
Incr Delay (d2), s/veh				1.5	0.0	15.2	0.0	1.5	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.5	0.0	16.5	0.0	14.5	0.0	0.0	6.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				27.8	0.0	47.0	0.0	21.9	0.0	0.0	15.9	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1570			2401			1311	
Approach Delay, s/veh					42.0			21.9			15.9	
Approach LOS					D			C			B	

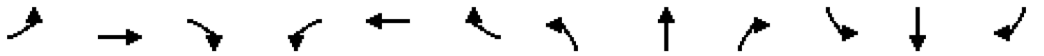
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.2	45.5	61.2
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	19.3	39.7	39.4
Green Ext Time (p_c), s	7.2	1.2	17.3

Intersection Summary	
HCM 7th Control Delay, s/veh	26.4
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



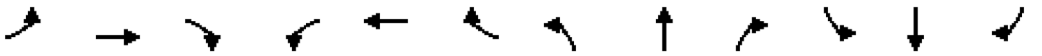
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	966	0	412	0	1666	0	0	1293	0
Future Volume (veh/h)	0	0	0	966	0	412	0	1666	0	0	1293	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				976	0	416	0	1683	0	0	1306	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1257	0	576	0	2229		0	2229	
Arrive On Green				0.36	0.00	0.36	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				976	0	416	0	1683	0	0	1306	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				11.3	0.0	10.2	0.0	12.5	0.0	0.0	8.7	0.0
Cycle Q Clear(g_c), s				11.3	0.0	10.2	0.0	12.5	0.0	0.0	8.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1257	0	576	0	2229		0	2229	
V/C Ratio(X)				0.78	0.00	0.72	0.00	0.76		0.00	0.59	
Avail Cap(c_a), veh/h				1497	0	686	0	2438		0	2438	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.7	0.0	12.4	0.0	10.7	0.0	0.0	9.6	0.0
Incr Delay (d2), s/veh				2.2	0.0	3.0	0.0	1.3	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.8	0.0	3.3	0.0	3.0	0.0	0.0	2.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				14.9	0.0	15.4	0.0	11.9	0.0	0.0	9.9	0.0
LnGrp LOS				B		B		B			A	
Approach Vol, veh/h					1392			1683			1306	
Approach Delay, s/veh					15.1			11.9			9.9	
Approach LOS					B			B			A	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	24.2			24.2		20.9						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	14.5			10.7		13.3						
Green Ext Time (p_c), s	5.2			5.9		3.1						

Intersection Summary		
HCM 7th Control Delay, s/veh	12.3	
HCM 7th LOS	B	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	314	0	58	0	0	0	0	1389	0	0	2061	0
Future Volume (veh/h)	314	0	58	0	0	0	0	1389	0	0	2061	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	331	0	61				0	1462	0	0	2169	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	548	0	251				0	3250		0	3250	
Arrive On Green	0.16	0.00	0.16				0.00	0.64	0.00	0.00	0.64	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	331	0	61				0	1462	0	0	2169	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.9	0.0	1.5				0.0	6.4	0.0	0.0	11.8	0.0
Cycle Q Clear(g_c), s	3.9	0.0	1.5				0.0	6.4	0.0	0.0	11.8	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	548	0	251				0	3250		0	3250	
V/C Ratio(X)	0.60	0.00	0.24				0.00	0.45		0.00	0.67	
Avail Cap(c_a), veh/h	1416	0	650				0	3836		0	3836	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	17.2	0.0	16.2				0.0	4.1	0.0	0.0	5.0	0.0
Incr Delay (d2), s/veh	1.1	0.0	0.5				0.0	0.1	0.0	0.0	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	0.5				0.0	0.5	0.0	0.0	0.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	18.3	0.0	16.7				0.0	4.2	0.0	0.0	5.4	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		392						1462			2169	
Approach Delay, s/veh		18.0						4.2			5.4	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		32.5		11.5		32.5						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		8.4		5.9		13.8						
Green Ext Time (p_c), s		10.7		1.1		14.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.2
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

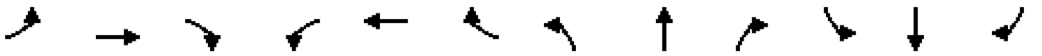
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	156	185	1592	0	0	1662
Future Volume (veh/h)	156	185	1592	0	0	1662
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	124	251	1730	0	0	1807
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	287	511	2902		0	2902
Arrive On Green	0.16	0.16	0.57	0.00	0.00	0.57
Sat Flow, veh/h	1781	3170	5274	1585	0	5443
Grp Volume(v), veh/h	124	251	1730	0	0	1807
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.1	2.4	7.4	0.0	0.0	7.9
Cycle Q Clear(g_c), s	2.1	2.4	7.4	0.0	0.0	7.9
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	287	511	2902		0	2902
V/C Ratio(X)	0.43	0.49	0.60		0.00	0.62
Avail Cap(c_a), veh/h	963	1715	3529		0	3529
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	12.6	12.7	4.7	0.0	0.0	4.8
Incr Delay (d2), s/veh	1.0	0.7	0.2	0.0	0.0	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.7	0.2	0.0	0.0	0.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	13.6	13.4	4.9	0.0	0.0	5.0
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	375		1730			1807
Approach Delay, s/veh	13.5		4.9			5.0
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	23.4			23.4	9.9
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	9.4			9.9	4.4
Green Ext Time (p_c), s	9.0			9.0	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	5.8
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



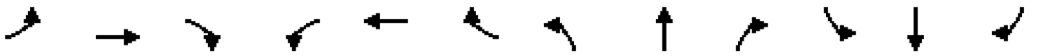
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	440	202	65	41	309	113	111	80	39	405	351	602
Future Volume (veh/h)	440	202	65	41	309	113	111	80	39	405	351	602
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	468	215	69	44	329	120	118	85	41	431	373	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	518	1393	621	74	506	226	224	364	165	529	451	
Arrive On Green	0.29	0.39	0.39	0.04	0.14	0.14	0.06	0.15	0.15	0.15	0.24	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2375	1078	3456	1870	1585
Grp Volume(v), veh/h	468	215	69	44	329	120	118	62	64	431	373	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1676	1728	1870	1585
Q Serve(g_s), s	17.5	2.7	1.9	1.7	6.0	4.9	2.3	2.1	2.3	8.3	13.1	0.0
Cycle Q Clear(g_c), s	17.5	2.7	1.9	1.7	6.0	4.9	2.3	2.1	2.3	8.3	13.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.64	1.00		1.00
Lane Grp Cap(c), veh/h	518	1393	621	74	506	226	224	272	257	529	451	
V/C Ratio(X)	0.90	0.15	0.11	0.60	0.65	0.53	0.53	0.23	0.25	0.82	0.83	
Avail Cap(c_a), veh/h	606	1805	805	165	926	413	255	486	459	580	688	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	23.6	13.6	13.3	32.6	28.0	27.5	31.3	25.7	25.8	28.3	24.8	0.0
Incr Delay (d2), s/veh	15.4	0.1	0.1	7.6	1.4	1.9	1.9	0.4	0.5	8.2	5.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.0	1.0	0.6	0.9	2.6	1.9	1.0	0.9	0.9	3.9	6.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.9	13.6	13.4	40.1	29.4	29.4	33.2	26.1	26.3	36.5	29.9	0.0
LnGrp LOS	D	B	B	D	C	C	C	C	C	D	C	
Approach Vol, veh/h		752			493			244			804	
Approach Delay, s/veh		29.3			30.4			29.6			33.4	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	15.1	7.4	31.6	9.0	21.2	24.6	14.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	10.3	4.3	3.7	4.7	4.3	15.1	19.5	8.0
Green Ext Time (p_c), s	0.2	0.5	0.0	1.6	0.0	1.6	0.7	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	31.0
HCM 7th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	0	25	0	0	0	49	0	0	0
Future Volume (veh/h)	0	0	0	0	25	0	0	0	49	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	0	1870			
Adj Flow Rate, veh/h	0	0	0	0	27	0	0	0	53			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	0	2			
Cap, veh/h	12	624	0	0	624	529	118	0	105			
Arrive On Green	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.07			
Sat Flow, veh/h	1781	1870	0	0	1870	1585	1781	0	1585			
Grp Volume(v), veh/h	0	0	0	0	27	0	0	0	53			
Grp Sat Flow(s),veh/h/ln	1781	1870	0	0	1870	1585	1781	0	1585			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	12	624	0	0	624	529	118	0	105			
V/C Ratio(X)	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.51			
Avail Cap(c_a), veh/h	2436	5365	0	0	2246	1903	2139	0	1903			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	6.8			
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	10.5			
LnGrp LOS					A				B			
Approach Vol, veh/h		0			27			53				
Approach Delay, s/veh		0.0			3.4			10.5				
Approach LOS					A			B				

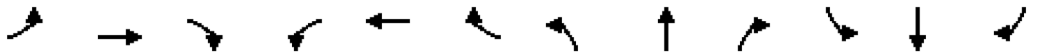
Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		5.5		9.5			0.0	9.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.0		43.0			20.5	18.0				
Max Q Clear Time (g_c+I1), s		2.5		0.0			0.0	2.1				
Green Ext Time (p_c), s		0.1		0.0			0.0	0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			8.1									
HCM 7th LOS			A									

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	25	0	0	0	0	0
Future Volume (veh/h)	25	0	0	0	0	0
Initial Q (Qb), veh	0	0			0	0
Lane Width Adj.	1.00	1.00			1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00			1.00	
Parking Bus, Adj	1.00	1.00			1.00	1.00
Work Zone On Approach	No					No
Adj Sat Flow, veh/h/ln	1870	0			1870	0
Adj Flow Rate, veh/h	27	0			0	0
Peak Hour Factor	0.92	0.92			0.92	0.92
Percent Heavy Veh, %	2	0			2	0
Cap, veh/h	0	0			0	0
Arrive On Green	NaN	0.00			0.00	0.00
Sat Flow, veh/h	0					0
Grp Volume(v), veh/h	0.0					0.0
Grp Sat Flow(s),veh/h/ln						
Q Serve(g_s), s						
Cycle Q Clear(g_c), s						
Prop In Lane						
Lane Grp Cap(c), veh/h						
V/C Ratio(X)						
Avail Cap(c_a), veh/h						
HCM Platoon Ratio						
Upstream Filter(I)						
Uniform Delay (d), s/veh						
Incr Delay (d2), s/veh						
Initial Q Delay(d3), s/veh						
%ile BackOfQ(50%),veh/ln						
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh						
LnGrp LOS						
Approach Vol, veh/h						
Approach Delay, s/veh						
Approach LOS						

Timer - Assigned Phs	
Phs Duration (G+Y+Rc), s	
Change Period (Y+Rc), s	
Max Green Setting (Gmax), s	
Max Q Clear Time (g_c+I1), s	
Green Ext Time (p_c), s	

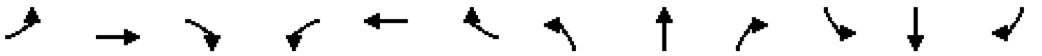
Intersection Summary	
HCM 7th Control Delay, s/veh	0.0
HCM 7th LOS	A



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	769	514	786	769	0	0	0	0	176	0	115
Future Volume (veh/h)	0	769	514	786	769	0	0	0	0	176	0	115
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	836	559	854	836	0				191	0	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1165	519	1005	2473	0				265	0	415
Arrive On Green	0.00	0.33	0.33	0.29	0.70	0.00				0.15	0.00	0.15
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	836	559	854	836	0				191	0	125
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.0	19.0	13.5	5.4	0.0				5.9	0.0	2.3
Cycle Q Clear(g_c), s	0.0	12.0	19.0	13.5	5.4	0.0				5.9	0.0	2.3
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1165	519	1005	2473	0				265	0	415
V/C Ratio(X)	0.00	0.72	1.08	0.85	0.34	0.00				0.72	0.00	0.30
Avail Cap(c_a), veh/h	0	1165	519	1162	2635	0				553	0	866
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	17.1	19.5	19.4	3.5	0.0				23.5	0.0	22.0
Incr Delay (d2), s/veh	0.0	2.2	61.6	5.5	0.1	0.0				3.7	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.2	14.3	5.1	0.6	0.0				2.6	0.0	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.3	81.1	24.9	3.6	0.0				27.2	0.0	22.4
LnGrp LOS		B	F	C	A					C		C
Approach Vol, veh/h		1395			1690						316	
Approach Delay, s/veh		44.0			14.3						25.3	
Approach LOS		D			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	21.4	23.5		13.1		44.9						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	15.5	21.0		7.9		7.4						
Green Ext Time (p_c), s	1.4	0.0		0.8		5.8						

Intersection Summary												
HCM 7th Control Delay, s/veh			27.5									
HCM 7th LOS			C									



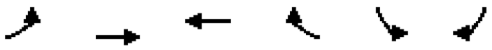
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	520	408	657	696	0	850	0	1020	0	0	0
Future Volume (veh/h)	0	520	408	657	696	0	850	0	1020	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	565	0	714	757	0	924	0	1109			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	673		682	2217	0	944	0	762			
Arrive On Green	0.00	0.19	0.00	0.38	0.62	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	565	0	714	757	0	924	0	1109			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	13.4	0.0	33.5	8.9	0.0	23.2	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	13.4	0.0	33.5	8.9	0.0	23.2	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	673		682	2217	0	944	0	762			
V/C Ratio(X)	0.00	0.84		1.05	0.34	0.00	0.98	0.00	1.45			
Avail Cap(c_a), veh/h	0	776		682	2320	0	944	0	762			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.2	0.0	27.0	7.9	0.0	31.5	0.0	31.8			
Incr Delay (d2), s/veh	0.0	7.3	0.0	47.2	0.1	0.0	24.0	0.0	211.9			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	6.0	0.0	21.3	2.6	0.0	12.5	0.0	30.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	41.5	0.0	74.2	8.0	0.0	55.6	0.0	243.7			
LnGrp LOS		D		F	A		E		F			
Approach Vol, veh/h		565			1471			2033				
Approach Delay, s/veh		41.5			40.1			158.2				
Approach LOS		D			D			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	21.1				59.1		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	35.5	15.4				10.9		25.9				
Green Ext Time (p_c), s	0.0	1.2				5.3		0.0				

Intersection Summary	
HCM 7th Control Delay, s/veh	99.3
HCM 7th LOS	F

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1388	109	876	25	1	454
Future Volume (veh/h)	1388	109	876	25	1	454
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1509	118	952	27	0	494
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1459	1351	902	26	336	599
Arrive On Green	0.42	0.72	0.26	0.26	0.00	0.19
Sat Flow, veh/h	3456	1870	3623	100	1781	3170
Grp Volume(v), veh/h	1509	118	479	500	0	494
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1852	1781	1585
Q Serve(g_s), s	38.0	1.7	23.0	23.0	0.0	13.5
Cycle Q Clear(g_c), s	38.0	1.7	23.0	23.0	0.0	13.5
Prop In Lane	1.00			0.05	1.00	1.00
Lane Grp Cap(c), veh/h	1459	1351	454	473	336	599
V/C Ratio(X)	1.03	0.09	1.06	1.06	0.00	0.82
Avail Cap(c_a), veh/h	1459	1351	454	473	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.0	3.7	33.5	33.5	0.0	35.1
Incr Delay (d2), s/veh	32.9	0.0	57.7	56.8	0.0	12.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	21.3	0.5	16.9	17.5	0.0	12.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	58.9	3.7	91.2	90.3	0.0	47.3
LnGrp LOS	F	A	F	F		D
Approach Vol, veh/h		1627	979		494	
Approach Delay, s/veh		54.9	90.7		47.3	
Approach LOS		D	F		D	

Timer - Assigned Phs			4		6	7	8
Phs Duration (G+Y+Rc), s			69.0		21.0	42.0	27.0
Change Period (Y+Rc), s			4.0		4.0	4.0	4.0
Max Green Setting (Gmax), s			65.0		17.0	38.0	23.0
Max Q Clear Time (g_c+I1), s			3.7		15.5	40.0	25.0
Green Ext Time (p_c), s			0.7		0.4	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	65.0
HCM 7th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	60	6	181	214	24	17
Future Vol, veh/h	60	6	181	214	24	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	7	197	233	26	18
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.6	8.8	8.7
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	59%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	41%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	60	3	3	181	214	41
LT Vol	60	0	0	0	0	24
Through Vol	0	3	3	181	0	0
RT Vol	0	0	0	0	214	17
Lane Flow Rate	65	3	3	197	233	45
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.1	0.005	0.003	0.264	0.267	0.069
Departure Headway (Hd)	5.502	5	3.2	4.836	4.135	5.586
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	653	718	1100	746	872	642
Service Time	3.218	2.716	0.974	2.549	1.847	3.312
HCM Lane V/C Ratio	0.1	0.004	0.003	0.264	0.267	0.07
HCM Control Delay, s/veh	8.8	7.7	6	9.3	8.4	8.7
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	1.1	1.1	0.2

Intersection	
Intersection Delay, s/veh	13.1
Intersection LOS	B

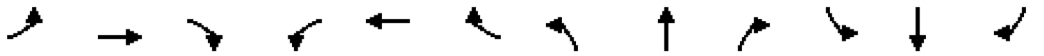
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	75	101	73	15	301	44
Future Vol, veh/h	75	101	73	15	301	44
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	82	110	79	16	327	48
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	9	9.7	16
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	87%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	13%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	75	51	51	73	15	345
LT Vol	75	0	0	0	0	301
Through Vol	0	51	51	73	0	0
RT Vol	0	0	0	0	15	44
Lane Flow Rate	82	55	55	79	16	375
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.142	0.088	0.061	0.136	0.025	0.583
Departure Headway (Hd)	6.288	5.781	4.023	6.173	5.46	5.592
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	567	616	880	575	648	641
Service Time	4.061	3.554	1.794	3.971	3.257	3.361
HCM Lane V/C Ratio	0.145	0.089	0.063	0.137	0.025	0.585
HCM Control Delay, s/veh	10.1	9.1	7.1	10	8.4	16
HCM Lane LOS	B	A	A	A	A	C
HCM 95th-tile Q	0.5	0.3	0.2	0.5	0.1	3.8

HCM Worksheet
Buildout Pending Plus Project Feasibility Analysis

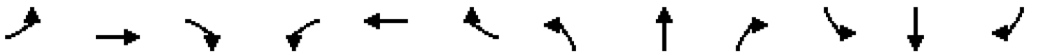
(without the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road)



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1008	86	418	2051	0	0	0	0	34	0	191
Future Volume (veh/h)	0	1008	86	418	2051	0	0	0	0	34	0	191
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1096	93	454	2229	0				37	0	208
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	1665	141	611	3178	0				625	0	287
Arrive On Green	0.00	0.35	0.35	0.18	0.62	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	4963	406	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	778	411	454	2229	0				37	0	208
Grp Sat Flow(s),veh/h/ln	0	1702	1797	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	8.8	8.9	5.7	13.4	0.0				0.4	0.0	5.7
Cycle Q Clear(g_c), s	0.0	8.8	8.9	5.7	13.4	0.0				0.4	0.0	5.7
Prop In Lane	0.00		0.23	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1182	624	611	3178	0				625	0	287
V/C Ratio(X)	0.00	0.66	0.66	0.74	0.70	0.00				0.06	0.00	0.73
Avail Cap(c_a), veh/h	0	1340	707	763	3639	0				1390	0	638
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.6	12.6	17.8	5.8	0.0				15.5	0.0	17.7
Incr Delay (d2), s/veh	0.0	1.0	1.9	3.0	0.5	0.0				0.0	0.0	3.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.3	2.6	1.9	1.2	0.0				0.1	0.0	2.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	13.6	14.5	20.9	6.3	0.0				15.6	0.0	21.2
LnGrp LOS		B	B	C	A					B		C
Approach Vol, veh/h		1189			2683						245	
Approach Delay, s/veh		13.9			8.8						20.3	
Approach LOS		B			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		12.6	20.4		12.8		33.0					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		10.1	18.0		18.4		32.6					
Max Q Clear Time (g_c+I1), s		7.7	10.9		7.7		15.4					
Green Ext Time (p_c), s		0.4	3.8		1.0		13.1					

Intersection Summary	
HCM 7th Control Delay, s/veh	11.0
HCM 7th LOS	B



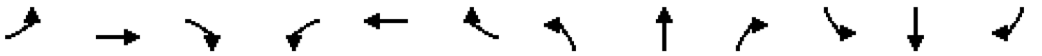
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	49	847	0	0	1989	57	17	1	39	0	0	0
Future Volume (veh/h)	49	847	0	0	1989	57	17	1	39	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	53	921	0	0	2162	62	12	0	49			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	99	3649	0	0	2793	867	109	0	195			
Arrive On Green	0.06	0.71	0.00	0.00	0.55	0.55	0.06	0.00	0.06			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	53	921	0	0	2162	62	12	0	49			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	1.2	2.5	0.0	0.0	13.4	0.7	0.3	0.0	0.6			
Cycle Q Clear(g_c), s	1.2	2.5	0.0	0.0	13.4	0.7	0.3	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	99	3649	0	0	2793	867	109	0	195			
V/C Ratio(X)	0.54	0.25	0.00	0.00	0.77	0.07	0.11	0.00	0.25			
Avail Cap(c_a), veh/h	222	4156	0	0	2948	915	811	0	1444			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	18.5	2.0	0.0	0.0	7.2	4.3	17.8	0.0	18.0			
Incr Delay (d2), s/veh	4.4	0.0	0.0	0.0	1.3	0.0	0.4	0.0	0.7			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	0.0	1.6	0.1	0.1	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.9	2.0	0.0	0.0	8.4	4.3	18.3	0.0	18.6			
LnGrp LOS	C	A			A	A	B		B			
Approach Vol, veh/h		974			2224			61				
Approach Delay, s/veh		3.2			8.3			18.6				
Approach LOS		A			A			B				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		7.0		33.2			6.7	26.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		18.3		32.7			5.0	23.2				
Max Q Clear Time (g_c+I1), s		2.6		4.5			3.2	15.4				
Green Ext Time (p_c), s		0.1		6.1			0.0	6.6				

Intersection Summary												
HCM 7th Control Delay, s/veh			7.0									
HCM 7th LOS			A									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	837	0	352	0	618	0	0	2222	0
Future Volume (veh/h)	0	0	0	837	0	352	0	618	0	0	2222	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				976	0	242	0	637	0	0	2291	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1140	0	507	0	3230		0	2940	
Arrive On Green				0.32	0.00	0.32	0.00	0.58	0.00	0.00	0.58	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				976	0	242	0	637	0	0	2291	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				22.1	0.0	10.6	0.0	4.7	0.0	0.0	29.8	0.0
Cycle Q Clear(g_c), s				22.1	0.0	10.6	0.0	4.7	0.0	0.0	29.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1140	0	507	0	3230		0	2940	
V/C Ratio(X)				0.86	0.00	0.48	0.00	0.20		0.00	0.78	
Avail Cap(c_a), veh/h				1364	0	607	0	3230		0	3288	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				27.5	0.0	23.5	0.0	8.8	0.0	0.0	14.1	0.0
Incr Delay (d2), s/veh				4.9	0.0	0.7	0.0	0.0	0.0	0.0	1.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				9.8	0.0	3.9	0.0	1.5	0.0	0.0	9.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				32.3	0.0	24.2	0.0	8.8	0.0	0.0	15.2	0.0
LnGrp LOS				C		C		A			B	
Approach Vol, veh/h					1218			637			2291	
Approach Delay, s/veh					30.7			8.8			15.2	
Approach LOS					C			A			B	

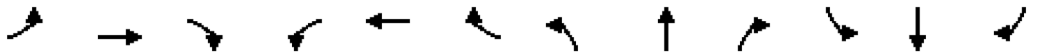
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	54.1	32.1	54.1
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	55.5	33.0	18.0
Max Q Clear Time (g_c+I1), s	31.8	24.1	6.7
Green Ext Time (p_c), s	17.9	3.5	2.9

Intersection Summary	
HCM 7th Control Delay, s/veh	18.8
HCM 7th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



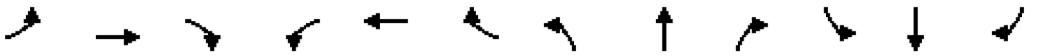
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	1296	0	150	0	982	0	0	2076	0
Future Volume (veh/h)	0	0	0	1296	0	150	0	982	0	0	2076	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				1336	0	155	0	1012	0	0	2140	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1515	0	695	0	2074		0	2074	
Arrive On Green				0.44	0.00	0.44	0.00	0.41	0.00	0.00	0.41	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				1336	0	155	0	1012	0	0	2140	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				20.5	0.0	3.5	0.0	8.5	0.0	0.0	23.5	0.0
Cycle Q Clear(g_c), s				20.5	0.0	3.5	0.0	8.5	0.0	0.0	23.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1515	0	695	0	2074		0	2074	
V/C Ratio(X)				0.88	0.00	0.22	0.00	0.49		0.00	1.03	
Avail Cap(c_a), veh/h				1642	0	753	0	2074		0	2074	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				14.9	0.0	10.1	0.0	12.7	0.0	0.0	17.2	0.0
Incr Delay (d2), s/veh				5.7	0.0	0.2	0.0	0.2	0.0	0.0	28.5	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				7.9	0.0	1.1	0.0	2.5	0.0	0.0	12.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				20.6	0.0	10.3	0.0	12.9	0.0	0.0	45.7	0.0
LnGrp LOS				C		B		B			F	
Approach Vol, veh/h					1491			1012			2140	
Approach Delay, s/veh					19.5			12.9			45.7	
Approach LOS					B			B			D	

Timer - Assigned Phs	2		6	8				
Phs Duration (G+Y+Rc), s	28.0		28.0	29.9				
Change Period (Y+Rc), s	4.5		4.5	4.5				
Max Green Setting (Gmax), s	23.5		23.5	27.5				
Max Q Clear Time (g_c+I1), s	10.5		25.5	22.5				
Green Ext Time (p_c), s	5.1		0.0	2.9				

Intersection Summary		
HCM 7th Control Delay, s/veh	30.1	
HCM 7th LOS	C	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	244	0	101	0	0	0	0	1151	0	0	2769	0
Future Volume (veh/h)	244	0	101	0	0	0	0	1151	0	0	2769	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	249	0	103				0	1174	0	0	2826	0
Peak Hour Factor	0.98	0.98	0.98				0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	431	0	198				0	3583		0	3583	
Arrive On Green	0.12	0.00	0.12				0.00	0.70	0.00	0.00	0.70	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	249	0	103				0	1174	0	0	2826	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	19.2	0.0
Cycle Q Clear(g_c), s	3.5	0.0	3.2				0.0	4.6	0.0	0.0	19.2	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	431	0	198				0	3583		0	3583	
V/C Ratio(X)	0.58	0.00	0.52				0.00	0.33		0.00	0.79	
Avail Cap(c_a), veh/h	1200	0	550				0	3742		0	3742	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	21.4	0.0	21.2				0.0	3.0	0.0	0.0	5.2	0.0
Incr Delay (d2), s/veh	1.2	0.0	2.1				0.0	0.1	0.0	0.0	1.1	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	1.2				0.0	0.3	0.0	0.0	1.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.6	0.0	23.4				0.0	3.0	0.0	0.0	6.3	0.0
LnGrp LOS	C		C					A			A	
Approach Vol, veh/h		352						1174			2826	
Approach Delay, s/veh		22.8						3.0			6.3	
Approach LOS		C						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		40.9		11.0		40.9						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		38.0		18.0		38.0						
Max Q Clear Time (g_c+I1), s		6.6		5.5		21.2						
Green Ext Time (p_c), s		8.8		1.0		15.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.8
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

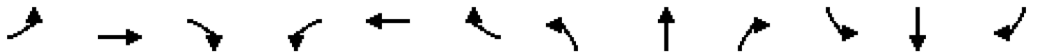
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	1059	226	2363	0	0	2334
Future Volume (veh/h)	1059	226	2363	0	0	2334
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	1081	231	2411	0	0	2382
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	1168	520	2595		0	2595
Arrive On Green	0.33	0.33	0.51	0.00	0.00	0.51
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	1081	231	2411	0	0	2382
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	16.1	6.3	24.2	0.0	0.0	23.6
Cycle Q Clear(g_c), s	16.1	6.3	24.2	0.0	0.0	23.6
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	1168	520	2595		0	2595
V/C Ratio(X)	0.93	0.44	0.93		0.00	0.92
Avail Cap(c_a), veh/h	1168	520	2604		0	2604
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	17.8	14.5	12.6	0.0	0.0	12.4
Incr Delay (d2), s/veh	12.3	0.6	6.7	0.0	0.0	5.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.7	2.1	7.2	0.0	0.0	6.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	30.1	15.1	19.2	0.0	0.0	18.3
LnGrp LOS	C	B	B			B
Approach Vol, veh/h	1312		2411			2382
Approach Delay, s/veh	27.5		19.2			18.3
Approach LOS	C		B			B

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	32.4			32.4	22.5
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	28.0			28.0	18.0
Max Q Clear Time (g_c+I1), s	26.2			25.6	18.1
Green Ext Time (p_c), s	1.7			2.2	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	20.6
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



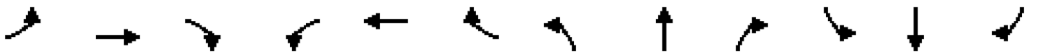
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	119	273	203	11	85	4	29	2	15	161	454	1386
Future Volume (veh/h)	119	273	203	11	85	4	29	2	15	161	454	1386
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	121	279	207	11	87	4	30	2	15	164	463	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	157	754	336	25	491	219	120	489	436	335	631	
Arrive On Green	0.09	0.21	0.21	0.01	0.14	0.14	0.03	0.28	0.28	0.10	0.34	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	1777	1585	3456	1870	1585
Grp Volume(v), veh/h	121	279	207	11	87	4	30	2	15	164	463	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1585	1728	1870	1585
Q Serve(g_s), s	3.0	3.0	5.3	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.8	0.0
Cycle Q Clear(g_c), s	3.0	3.0	5.3	0.3	1.0	0.1	0.4	0.0	0.3	2.0	9.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	157	754	336	25	491	219	120	489	436	335	631	
V/C Ratio(X)	0.77	0.37	0.62	0.43	0.18	0.02	0.25	0.00	0.03	0.49	0.73	
Avail Cap(c_a), veh/h	397	1798	802	210	1426	636	385	3497	3120	1209	4128	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	20.0	15.1	16.0	21.9	17.1	16.7	21.1	11.8	11.9	19.2	13.1	0.0
Incr Delay (d2), s/veh	7.6	0.3	1.8	11.2	0.2	0.0	1.1	0.0	0.0	1.1	1.7	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	1.1	1.8	0.2	0.4	0.0	0.2	0.0	0.1	0.8	3.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	27.6	15.4	17.8	33.1	17.3	16.7	22.2	11.8	11.9	20.3	14.8	0.0
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	B	
Approach Vol, veh/h		607			102			47			627	
Approach Delay, s/veh		18.7			18.9			18.4			16.2	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	16.8	5.1	14.0	6.1	19.6	8.5	10.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.7	88.3	5.3	22.7	5.0	99.0	10.0	18.0
Max Q Clear Time (g_c+I1), s	4.0	2.3	2.3	7.3	2.4	11.8	5.0	3.0
Green Ext Time (p_c), s	0.4	0.1	0.0	2.2	0.0	3.4	0.1	0.3

Intersection Summary	
HCM 7th Control Delay, s/veh	17.6
HCM 7th LOS	B

Notes

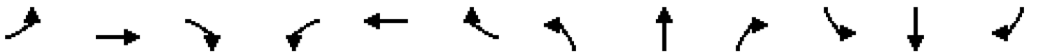
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	194	879	1136	487	0	0	0	0	499	0	971
Future Volume (veh/h)	0	194	879	1136	487	0	0	0	0	499	0	971
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	211	955	1235	529	0				542	0	1055
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1162	518	1023	2337	0				486	0	762
Arrive On Green	0.00	0.33	0.33	0.30	0.66	0.00				0.27	0.00	0.27
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	211	955	1235	529	0				542	0	1055
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	5.5	42.5	38.5	7.8	0.0				35.5	0.0	35.5
Cycle Q Clear(g_c), s	0.0	5.5	42.5	38.5	7.8	0.0				35.5	0.0	35.5
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1162	518	1023	2337	0				486	0	762
V/C Ratio(X)	0.00	0.18	1.84	1.21	0.23	0.00				1.11	0.00	1.38
Avail Cap(c_a), veh/h	0	1162	518	1023	2337	0				486	0	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	31.3	43.8	45.8	8.9	0.0				47.3	0.0	47.3
Incr Delay (d2), s/veh	0.0	0.1	386.8	102.4	0.0	0.0				75.9	0.0	181.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.3	71.4	30.3	2.7	0.0				25.9	0.0	31.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	31.4	430.5	148.1	9.0	0.0				123.1	0.0	228.6
LnGrp LOS		C	F	F	A					F		F
Approach Vol, veh/h		1166			1764						1597	
Approach Delay, s/veh		358.3			106.4						192.8	
Approach LOS		F			F						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	43.0	47.0		40.0		90.0
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5
Max Green Setting (Gmax), s	38.5	42.5		35.5		85.5
Max Q Clear Time (g_c+I1), s	40.5	44.5		37.5		9.8
Green Ext Time (p_c), s	0.0	0.0		0.0		3.4

Intersection Summary		
HCM 7th Control Delay, s/veh		201.7
HCM 7th LOS		F



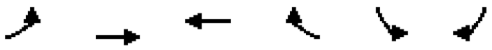
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	627	54	191	1213	0	511	0	929	0	0	0
Future Volume (veh/h)	0	627	54	191	1213	0	511	0	929	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	682	0	208	1318	0	555	0	1010			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	936		249	1731	0	1192	0	962			
Arrive On Green	0.00	0.26	0.00	0.14	0.49	0.00	0.34	0.00	0.34			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	682	0	208	1318	0	555	0	1010			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	9.4	0.0	6.1	16.2	0.0	6.7	0.0	18.5			
Cycle Q Clear(g_c), s	0.0	9.4	0.0	6.1	16.2	0.0	6.7	0.0	18.5			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	936		249	1731	0	1192	0	962			
V/C Ratio(X)	0.00	0.73		0.83	0.76	0.00	0.47	0.00	1.05			
Avail Cap(c_a), veh/h	0	1358		249	2154	0	1192	0	962			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	18.0	0.0	22.5	11.2	0.0	13.7	0.0	17.6			
Incr Delay (d2), s/veh	0.0	1.1	0.0	21.1	1.3	0.0	0.3	0.0	42.9			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	3.2	0.0	3.6	4.3	0.0	2.3	0.0	10.8			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	19.1	0.0	43.6	12.5	0.0	14.0	0.0	60.5			
LnGrp LOS		B		D	B		B		F			
Approach Vol, veh/h		682			1526			1565				
Approach Delay, s/veh		19.1			16.7			44.0				
Approach LOS		B			B			D				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	12.0	18.6				30.6		23.0				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	7.5	20.5				32.5		18.5				
Max Q Clear Time (g_c+I1), s	8.1	11.4				18.2		20.5				
Green Ext Time (p_c), s	0.0	2.7				7.3		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			28.5									
HCM 7th LOS			C									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



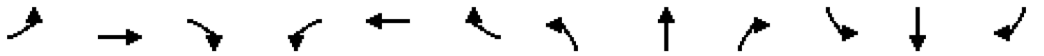
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1073	707	388	308	156	298
Future Volume (veh/h)	1073	707	388	308	156	298
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1166	768	422	335	242	247
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1233	1202	432	341	433	386
Arrive On Green	0.36	0.64	0.23	0.23	0.24	0.24
Sat Flow, veh/h	3456	1870	1983	1490	1781	1585
Grp Volume(v), veh/h	1166	768	397	360	242	247
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1602	1781	1585
Q Serve(g_s), s	22.9	17.4	15.5	15.7	8.3	9.8
Cycle Q Clear(g_c), s	22.9	17.4	15.5	15.7	8.3	9.8
Prop In Lane	1.00			0.93	1.00	1.00
Lane Grp Cap(c), veh/h	1233	1202	406	366	433	386
V/C Ratio(X)	0.95	0.64	0.98	0.98	0.56	0.64
Avail Cap(c_a), veh/h	1234	1202	406	366	433	386
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	21.9	7.6	26.8	26.9	23.2	23.7
Incr Delay (d2), s/veh	14.6	1.1	38.4	42.5	5.1	7.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.0	5.7	10.5	10.0	4.0	9.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	36.4	8.7	65.2	69.4	28.3	31.7
LnGrp LOS	D	A	E	E	C	C
Approach Vol, veh/h		1934	757		489	
Approach Delay, s/veh		25.4	67.2		30.0	
Approach LOS		C	E		C	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	49.0	21.0	29.0	20.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	45.0	17.0	25.0	16.0
Max Q Clear Time (g_c+I1), s	19.4	11.8	24.9	17.7
Green Ext Time (p_c), s	6.1	0.8	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	36.1
HCM 7th LOS	D

Notes

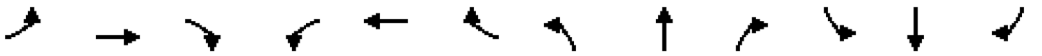
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1790	75	76	2267	0	0	0	0	26	0	86
Future Volume (veh/h)	0	1790	75	76	2267	0	0	0	0	26	0	86
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	1870	1870
Adj Flow Rate, veh/h	0	1904	80	81	2412	0				28	0	91
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94				0.94	0.94	0.94
Percent Heavy Veh, %	0	2	2	2	2	0				2	2	2
Cap, veh/h	0	2562	107	253	3533	0				312	0	143
Arrive On Green	0.00	0.51	0.51	0.07	0.69	0.00				0.09	0.00	0.09
Sat Flow, veh/h	0	5194	211	3456	5274	0				3456	0	1585
Grp Volume(v), veh/h	0	1289	695	81	2412	0				28	0	91
Grp Sat Flow(s),veh/h/ln	0	1702	1832	1728	1702	0				1728	0	1585
Q Serve(g_s), s	0.0	12.3	12.4	0.9	11.4	0.0				0.3	0.0	2.3
Cycle Q Clear(g_c), s	0.0	12.3	12.4	0.9	11.4	0.0				0.3	0.0	2.3
Prop In Lane	0.00		0.12	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1735	934	253	3533	0				312	0	143
V/C Ratio(X)	0.00	0.74	0.74	0.32	0.68	0.00				0.09	0.00	0.64
Avail Cap(c_a), veh/h	0	1887	1016	427	4018	0				1548	0	710
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	8.0	8.0	18.2	3.7	0.0				17.2	0.0	18.1
Incr Delay (d2), s/veh	0.0	1.5	2.8	0.7	0.4	0.0				0.1	0.0	4.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.0	2.5	0.3	0.1	0.0				0.1	0.0	0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	9.5	10.8	18.9	4.1	0.0				17.4	0.0	22.8
LnGrp LOS		A	B	B	A					B		C
Approach Vol, veh/h		1984			2493						119	
Approach Delay, s/veh		9.9			4.6						21.5	
Approach LOS		A			A						C	

Timer - Assigned Phs		3	4		6		8					
Phs Duration (G+Y+Rc), s		7.5	25.6		8.2		33.1					
Change Period (Y+Rc), s		4.5	4.5		4.5		4.5					
Max Green Setting (Gmax), s		5.1	22.9		18.5		32.5					
Max Q Clear Time (g_c+I1), s		2.9	14.4		4.3		13.4					
Green Ext Time (p_c), s		0.0	6.5		0.4		15.2					

Intersection Summary	
HCM 7th Control Delay, s/veh	7.3
HCM 7th LOS	A



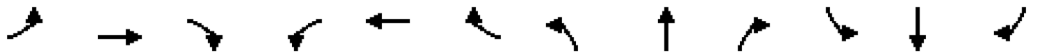
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	94	1522	0	0	2048	54	205	1	353	0	0	0
Future Volume (veh/h)	94	1522	0	0	2048	54	205	1	353	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1870	1870	0	0	1870	1870	1870	1870	1870			
Adj Flow Rate, veh/h	100	1619	0	0	2179	57	146	0	454			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	0	0	2	2	2	2	2			
Cap, veh/h	128	3258	0	0	2479	769	357	0	635			
Arrive On Green	0.07	0.64	0.00	0.00	0.49	0.49	0.20	0.00	0.20			
Sat Flow, veh/h	1781	5274	0	0	5274	1585	1781	0	3170			
Grp Volume(v), veh/h	100	1619	0	0	2179	57	146	0	454			
Grp Sat Flow(s),veh/h/ln	1781	1702	0	0	1702	1585	1781	0	1585			
Q Serve(g_s), s	3.1	9.4	0.0	0.0	21.3	1.1	4.0	0.0	7.4			
Cycle Q Clear(g_c), s	3.1	9.4	0.0	0.0	21.3	1.1	4.0	0.0	7.4			
Prop In Lane	1.00		0.00	0.00		1.00	1.00		1.00			
Lane Grp Cap(c), veh/h	128	3258	0	0	2479	769	357	0	635			
V/C Ratio(X)	0.78	0.50	0.00	0.00	0.88	0.07	0.41	0.00	0.71			
Avail Cap(c_a), veh/h	160	3393	0	0	2522	783	608	0	1082			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	25.4	5.3	0.0	0.0	12.9	7.6	19.4	0.0	20.8			
Incr Delay (d2), s/veh	17.7	0.1	0.0	0.0	3.9	0.0	0.8	0.0	1.5			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.7	1.3	0.0	0.0	5.9	0.2	1.6	0.0	2.6			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	43.1	5.5	0.0	0.0	16.7	7.7	20.1	0.0	22.3			
LnGrp LOS	D	A			B	A	C		C			
Approach Vol, veh/h		1719			2236			600				
Approach Delay, s/veh		7.7			16.5			21.8				
Approach LOS		A			B			C				

Timer - Assigned Phs		2		4			7	8				
Phs Duration (G+Y+Rc), s		15.7		40.0			8.5	31.5				
Change Period (Y+Rc), s		4.5		4.5			4.5	4.5				
Max Green Setting (Gmax), s		19.0		37.0			5.0	27.5				
Max Q Clear Time (g_c+I1), s		9.4		11.4			5.1	23.3				
Green Ext Time (p_c), s		1.7		12.0			0.0	3.7				

Intersection Summary												
HCM 7th Control Delay, s/veh			13.9									
HCM 7th LOS			B									

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	619	0	851	0	2329	0	0	1226	0
Future Volume (veh/h)	0	0	0	619	0	851	0	2329	0	0	1226	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				958	0	551	0	2426	0	0	1277	0
Peak Hour Factor				0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1340	0	596	0	3021		0	2749	
Arrive On Green				0.38	0.00	0.38	0.00	0.54	0.00	0.00	0.54	0.00
Sat Flow, veh/h				3563	0	1585	0	5611	1585	0	5274	1585
Grp Volume(v), veh/h				958	0	551	0	2426	0	0	1277	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1870	1585	0	1702	1585
Q Serve(g_s), s				24.2	0.0	35.0	0.0	37.0	0.0	0.0	16.2	0.0
Cycle Q Clear(g_c), s				24.2	0.0	35.0	0.0	37.0	0.0	0.0	16.2	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1340	0	596	0	3021		0	2749	
V/C Ratio(X)				0.71	0.00	0.92	0.00	0.80		0.00	0.46	
Avail Cap(c_a), veh/h				1404	0	625	0	3277		0	2749	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				28.0	0.0	31.4	0.0	19.8	0.0	0.0	15.0	0.0
Incr Delay (d2), s/veh				1.7	0.0	19.2	0.0	1.4	0.0	0.0	0.1	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				10.4	0.0	16.1	0.0	14.3	0.0	0.0	5.7	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				29.7	0.0	50.6	0.0	21.2	0.0	0.0	15.1	0.0
LnGrp LOS				C		D		C			B	
Approach Vol, veh/h					1509			2426			1277	
Approach Delay, s/veh					37.3			21.2			15.1	
Approach LOS					D			C			B	

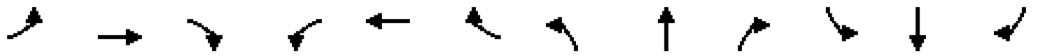
Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	61.2	44.1	61.2
Change Period (Y+Rc), s	4.5	4.5	4.5
Max Green Setting (Gmax), s	33.5	41.5	61.5
Max Q Clear Time (g_c+I1), s	18.2	37.0	39.0
Green Ext Time (p_c), s	7.4	2.6	17.7

Intersection Summary	
HCM 7th Control Delay, s/veh	24.4
HCM 7th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



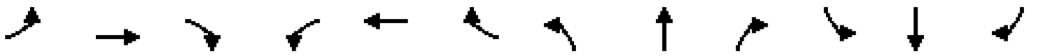
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	885	0	494	0	1940	0	0	1625	0
Future Volume (veh/h)	0	0	0	885	0	494	0	1940	0	0	1625	0
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Lane Width Adj.				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach					No			No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				894	0	499	0	1960	0	0	1641	0
Peak Hour Factor				0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %				2	0	2	0	2	2	0	2	2
Cap, veh/h				1287	0	590	0	2247		0	2247	
Arrive On Green				0.37	0.00	0.37	0.00	0.44	0.00	0.00	0.44	0.00
Sat Flow, veh/h				3456	0	1585	0	5274	1585	0	5274	1585
Grp Volume(v), veh/h				894	0	499	0	1960	0	0	1641	0
Grp Sat Flow(s),veh/h/ln				1728	0	1585	0	1702	1585	0	1702	1585
Q Serve(g_s), s				10.5	0.0	13.9	0.0	16.8	0.0	0.0	12.7	0.0
Cycle Q Clear(g_c), s				10.5	0.0	13.9	0.0	16.8	0.0	0.0	12.7	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1287	0	590	0	2247		0	2247	
V/C Ratio(X)				0.69	0.00	0.85	0.00	0.87		0.00	0.73	
Avail Cap(c_a), veh/h				1403	0	643	0	2285		0	2285	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh				12.8	0.0	13.8	0.0	12.2	0.0	0.0	11.1	0.0
Incr Delay (d2), s/veh				1.4	0.0	9.5	0.0	4.0	0.0	0.0	1.2	0.0
Initial Q Delay(d3), s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				3.6	0.0	5.5	0.0	4.7	0.0	0.0	3.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh				14.1	0.0	23.3	0.0	16.2	0.0	0.0	12.3	0.0
LnGrp LOS				B		C		B			B	
Approach Vol, veh/h					1393			1960			1641	
Approach Delay, s/veh					17.4			16.2			12.3	
Approach LOS					B			B			B	

Timer - Assigned Phs	2			6		8						
Phs Duration (G+Y+Rc), s	25.6			25.6		22.4						
Change Period (Y+Rc), s	4.5			4.5		4.5						
Max Green Setting (Gmax), s	21.5			21.5		19.5						
Max Q Clear Time (g_c+I1), s	18.8			14.7		15.9						
Green Ext Time (p_c), s	2.4			4.9		2.0						

Intersection Summary		
HCM 7th Control Delay, s/veh	15.2	
HCM 7th LOS	B	

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	296	0	93	0	0	0	0	1654	0	0	1994	0
Future Volume (veh/h)	296	0	93	0	0	0	0	1654	0	0	1994	0
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	0	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	312	0	98				0	1741	0	0	2099	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	0	2				0	2	2	0	2	2
Cap, veh/h	541	0	248				0	3234		0	3234	
Arrive On Green	0.16	0.00	0.16				0.00	0.63	0.00	0.00	0.63	0.00
Sat Flow, veh/h	3456	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	312	0	98				0	1741	0	0	2099	0
Grp Sat Flow(s),veh/h/ln	1728	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	3.6	0.0	2.4				0.0	8.1	0.0	0.0	11.0	0.0
Cycle Q Clear(g_c), s	3.6	0.0	2.4				0.0	8.1	0.0	0.0	11.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	541	0	248				0	3234		0	3234	
V/C Ratio(X)	0.58	0.00	0.39				0.00	0.54		0.00	0.65	
Avail Cap(c_a), veh/h	1451	0	666				0	3931		0	3931	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	16.8	0.0	16.3				0.0	4.4	0.0	0.0	4.9	0.0
Incr Delay (d2), s/veh	1.0	0.0	1.0				0.0	0.1	0.0	0.0	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	0.8				0.0	0.6	0.0	0.0	0.8	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	17.7	0.0	17.3				0.0	4.5	0.0	0.0	5.2	0.0
LnGrp LOS	B		B					A			A	
Approach Vol, veh/h		410						1741			2099	
Approach Delay, s/veh		17.6						4.5			5.2	
Approach LOS		B						A			A	

Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		31.7		11.2		31.7						
Change Period (Y+Rc), s		4.5		4.5		4.5						
Max Green Setting (Gmax), s		33.0		18.0		33.0						
Max Q Clear Time (g_c+I1), s		10.1		5.6		13.0						
Green Ext Time (p_c), s		12.7		1.2		14.2						

Intersection Summary	
HCM 7th Control Delay, s/veh	6.1
HCM 7th LOS	A

Notes

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

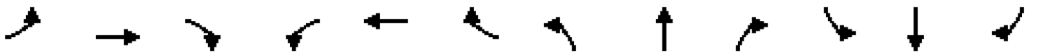
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	160	182	2328	0	0	1989
Future Volume (veh/h)	160	182	2328	0	0	1989
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	0	1870
Adj Flow Rate, veh/h	243	124	2530	0	0	2162
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	0	2
Cap, veh/h	538	239	3094		0	3094
Arrive On Green	0.15	0.15	0.61	0.00	0.00	0.61
Sat Flow, veh/h	3563	1585	5274	1585	0	5443
Grp Volume(v), veh/h	243	124	2530	0	0	2162
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	0	1702
Q Serve(g_s), s	2.3	2.7	14.3	0.0	0.0	10.7
Cycle Q Clear(g_c), s	2.3	2.7	14.3	0.0	0.0	10.7
Prop In Lane	1.00	1.00		1.00	0.00	
Lane Grp Cap(c), veh/h	538	239	3094		0	3094
V/C Ratio(X)	0.45	0.52	0.82		0.00	0.70
Avail Cap(c_a), veh/h	1731	770	3170		0	3170
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	14.3	14.5	5.7	0.0	0.0	5.0
Incr Delay (d2), s/veh	0.6	1.7	1.7	0.0	0.0	0.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.9	0.9	0.0	0.0	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	14.9	16.2	7.4	0.0	0.0	5.7
LnGrp LOS	B	B	A			A
Approach Vol, veh/h	367		2530			2162
Approach Delay, s/veh	15.4		7.4			5.7
Approach LOS	B		A			A

Timer - Assigned Phs	2			6	8
Phs Duration (G+Y+Rc), s	27.0			27.0	10.1
Change Period (Y+Rc), s	4.5			4.5	4.5
Max Green Setting (Gmax), s	23.0			23.0	18.0
Max Q Clear Time (g_c+I1), s	16.3			12.7	4.7
Green Ext Time (p_c), s	6.1			8.4	1.1

Intersection Summary	
HCM 7th Control Delay, s/veh	7.3
HCM 7th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.



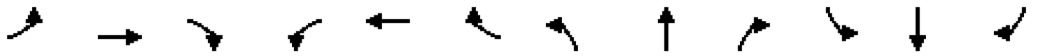
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	448	212	65	36	322	101	126	78	40	457	373	768
Future Volume (veh/h)	448	212	65	36	322	101	126	78	40	457	373	768
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	477	226	69	38	343	107	134	83	43	486	397	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	522	1419	633	66	509	227	222	360	175	553	470	
Arrive On Green	0.29	0.40	0.40	0.04	0.14	0.14	0.06	0.16	0.16	0.16	0.25	0.00
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	3456	2319	1126	3456	1870	1585
Grp Volume(v), veh/h	477	226	69	38	343	107	134	62	64	486	397	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1728	1777	1668	1728	1870	1585
Q Serve(g_s), s	18.7	3.0	2.0	1.5	6.6	4.5	2.7	2.2	2.4	10.0	14.6	0.0
Cycle Q Clear(g_c), s	18.7	3.0	2.0	1.5	6.6	4.5	2.7	2.2	2.4	10.0	14.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.68	1.00		1.00
Lane Grp Cap(c), veh/h	522	1419	633	66	509	227	222	276	259	553	470	
V/C Ratio(X)	0.91	0.16	0.11	0.58	0.67	0.47	0.60	0.23	0.25	0.88	0.85	
Avail Cap(c_a), veh/h	577	1720	767	157	882	394	243	463	435	553	655	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	24.7	14.0	13.7	34.4	29.4	28.5	33.0	26.8	26.9	29.8	25.8	0.0
Incr Delay (d2), s/veh	18.2	0.1	0.1	7.8	1.6	1.5	3.6	0.4	0.5	15.0	7.2	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.0	1.1	0.7	0.8	2.8	1.7	1.2	0.9	1.0	5.1	7.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.9	14.0	13.7	42.2	31.0	30.0	36.6	27.2	27.4	44.8	33.1	0.0
LnGrp LOS	D	B	B	D	C	C	D	C	C	D	C	
Approach Vol, veh/h		772			488			260			883	
Approach Delay, s/veh		31.8			31.7			32.1			39.5	
Approach LOS		C			C			C			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.1	15.8	7.2	33.5	9.2	22.7	25.7	14.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.6	18.9	6.4	35.1	5.1	25.4	23.5	18.0
Max Q Clear Time (g_c+I1), s	12.0	4.4	3.5	5.0	4.7	16.6	20.7	8.6
Green Ext Time (p_c), s	0.0	0.5	0.0	1.7	0.0	1.6	0.5	1.8

Intersection Summary	
HCM 7th Control Delay, s/veh	34.7
HCM 7th LOS	C

Notes

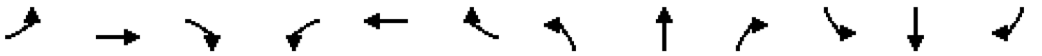
Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	743	621	838	729	0	0	0	0	230	0	167
Future Volume (veh/h)	0	743	621	838	729	0	0	0	0	230	0	167
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0				1870	0	1870
Adj Flow Rate, veh/h	0	808	675	911	792	0				250	0	182
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	2	2	2	2	0				2	0	2
Cap, veh/h	0	1086	484	1024	2396	0				323	0	505
Arrive On Green	0.00	0.31	0.31	0.30	0.67	0.00				0.18	0.00	0.18
Sat Flow, veh/h	0	3647	1585	3456	3647	0				1781	0	2790
Grp Volume(v), veh/h	0	808	675	911	792	0				250	0	182
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1728	1777	0				1781	0	1395
Q Serve(g_s), s	0.0	12.7	19.0	15.7	5.8	0.0				8.3	0.0	3.6
Cycle Q Clear(g_c), s	0.0	12.7	19.0	15.7	5.8	0.0				8.3	0.0	3.6
Prop In Lane	0.00		1.00	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1086	484	1024	2396	0				323	0	505
V/C Ratio(X)	0.00	0.74	1.39	0.89	0.33	0.00				0.77	0.00	0.36
Avail Cap(c_a), veh/h	0	1086	484	1084	2457	0				516	0	807
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	19.4	21.6	20.9	4.2	0.0				24.3	0.0	22.3
Incr Delay (d2), s/veh	0.0	2.8	189.5	9.0	0.1	0.0				4.0	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.7	31.2	6.5	1.0	0.0				3.6	0.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	22.2	211.1	29.9	4.3	0.0				28.2	0.0	22.7
LnGrp LOS		C	F	C	A					C		C
Approach Vol, veh/h		1483			1703						432	
Approach Delay, s/veh		108.2			18.0						25.9	
Approach LOS		F			B						C	

Timer - Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), s	22.9	23.5		15.8		46.4						
Change Period (Y+Rc), s	4.5	4.5		4.5		4.5						
Max Green Setting (Gmax), s	19.5	19.0		18.0		43.0						
Max Q Clear Time (g_c+I1), s	17.7	21.0		10.3		7.8						
Green Ext Time (p_c), s	0.8	0.0		1.0		5.4						

Intersection Summary												
HCM 7th Control Delay, s/veh			55.9									
HCM 7th LOS			E									



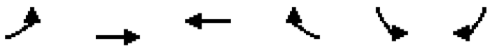
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	584	362	660	770	0	807	0	1117	0	0	0
Future Volume (veh/h)	0	584	362	660	770	0	807	0	1117	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	0	1870	1870	1870	1870	0	1870	0	1870			
Adj Flow Rate, veh/h	0	635	0	717	837	0	877	0	1214			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	0	2	2	2	2	0	2	0	2			
Cap, veh/h	0	722		671	2240	0	928	0	749			
Arrive On Green	0.00	0.20	0.00	0.38	0.63	0.00	0.27	0.00	0.27			
Sat Flow, veh/h	0	3647	1585	1781	3647	0	3456	0	2790			
Grp Volume(v), veh/h	0	635	0	717	837	0	877	0	1214			
Grp Sat Flow(s),veh/h/ln	0	1777	1585	1781	1777	0	1728	0	1395			
Q Serve(g_s), s	0.0	15.4	0.0	33.5	10.1	0.0	22.1	0.0	23.9			
Cycle Q Clear(g_c), s	0.0	15.4	0.0	33.5	10.1	0.0	22.1	0.0	23.9			
Prop In Lane	0.00		1.00	1.00		0.00	1.00		1.00			
Lane Grp Cap(c), veh/h	0	722		671	2240	0	928	0	749			
V/C Ratio(X)	0.00	0.88		1.07	0.37	0.00	0.94	0.00	1.62			
Avail Cap(c_a), veh/h	0	763		671	2280	0	928	0	749			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	0.0	34.4	0.0	27.7	8.0	0.0	31.9	0.0	32.5			
Incr Delay (d2), s/veh	0.0	11.1	0.0	54.7	0.1	0.0	17.7	0.0	285.2			
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	7.3	0.0	22.7	3.0	0.0	11.2	0.0	37.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	0.0	45.5	0.0	82.4	8.1	0.0	49.6	0.0	317.7			
LnGrp LOS		D		F	A		D		F			
Approach Vol, veh/h		635			1554			2091				
Approach Delay, s/veh		45.5			42.4			205.3				
Approach LOS		D			D			F				

Timer - Assigned Phs	1	2				6		8				
Phs Duration (G+Y+Rc), s	38.0	22.6				60.6		28.4				
Change Period (Y+Rc), s	4.5	4.5				4.5		4.5				
Max Green Setting (Gmax), s	33.5	19.1				57.1		23.9				
Max Q Clear Time (g_c+I1), s	35.5	17.4				12.1		25.9				
Green Ext Time (p_c), s	0.0	0.7				6.0		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			122.4									
HCM 7th LOS			F									

Notes

Unsignalized Delay for [EBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	1327	415	831	115	38	886
Future Volume (veh/h)	1327	415	831	115	38	886
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	1442	451	903	125	0	1007
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1421	1351	836	116	336	599
Arrive On Green	0.41	0.72	0.27	0.27	0.00	0.19
Sat Flow, veh/h	3456	1870	3229	434	1781	3170
Grp Volume(v), veh/h	1442	451	512	516	0	1007
Grp Sat Flow(s),veh/h/ln	1728	1870	1777	1792	1781	1585
Q Serve(g_s), s	37.0	7.9	24.0	24.0	0.0	17.0
Cycle Q Clear(g_c), s	37.0	7.9	24.0	24.0	0.0	17.0
Prop In Lane	1.00			0.24	1.00	1.00
Lane Grp Cap(c), veh/h	1421	1351	474	478	336	599
V/C Ratio(X)	1.02	0.33	1.08	1.08	0.00	1.68
Avail Cap(c_a), veh/h	1421	1351	474	478	336	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.5	4.6	33.0	33.0	0.0	36.5
Incr Delay (d2), s/veh	27.7	0.1	64.6	64.5	0.0	314.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	19.7	2.5	18.5	18.6	0.0	39.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	54.2	4.7	97.6	97.5	0.0	350.5
LnGrp LOS	F	A	F	F		F
Approach Vol, veh/h		1893	1028		1007	
Approach Delay, s/veh		42.4	97.5		350.5	
Approach LOS		D	F		F	

Timer - Assigned Phs	4	6	7	8
Phs Duration (G+Y+Rc), s	69.0	21.0	41.0	28.0
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	65.0	17.0	37.0	24.0
Max Q Clear Time (g_c+I1), s	9.9	19.0	39.0	26.0
Green Ext Time (p_c), s	3.2	0.0	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	135.8
HCM 7th LOS	F

Notes

User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	51	11	146	254	36	9
Future Vol, veh/h	51	11	146	254	36	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	12	159	276	39	10
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.5	8.8	9.1
HCM LOS	A	A	A

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	80%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	20%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	6	6	146	254	45
LT Vol	51	0	0	0	0	36
Through Vol	0	6	6	146	0	0
RT Vol	0	0	0	0	254	9
Lane Flow Rate	55	6	6	159	276	49
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.085	0.008	0.005	0.214	0.318	0.079
Departure Headway (Hd)	5.522	5.02	3.2	4.845	4.144	5.829
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	651	715	1092	744	870	615
Service Time	3.241	2.738	0.996	2.556	1.855	3.558
HCM Lane V/C Ratio	0.084	0.008	0.005	0.214	0.317	0.08
HCM Control Delay, s/veh	8.8	7.8	6	8.9	8.8	9.1
HCM Lane LOS	A	A	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.8	1.4	0.3

Intersection	
Intersection Delay, s/veh	12.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	62	81	77	31	303	23
Future Vol, veh/h	62	81	77	31	303	23
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	67	88	84	34	329	25
Number of Lanes	1	2	1	1	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	2	3	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	2
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	3
HCM Control Delay, s/veh	8.8	9.4	15.2
HCM LOS	A	A	C

Lane	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	0%	0%	0%	93%
Vol Thru, %	0%	100%	100%	100%	0%	0%
Vol Right, %	0%	0%	0%	0%	100%	7%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	62	41	41	77	31	326
LT Vol	62	0	0	0	0	303
Through Vol	0	41	41	77	0	0
RT Vol	0	0	0	0	31	23
Lane Flow Rate	67	44	44	84	34	354
Geometry Grp	5	5	5	6	6	5
Degree of Util (X)	0.117	0.07	0.049	0.14	0.05	0.553
Departure Headway (Hd)	6.257	5.75	3.993	6.043	5.331	5.623
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	570	619	888	589	665	638
Service Time	4.024	3.517	1.758	3.825	3.113	3.388
HCM Lane V/C Ratio	0.118	0.071	0.05	0.143	0.051	0.555
HCM Control Delay, s/veh	9.9	9	7	9.8	8.4	15.2
HCM Lane LOS	A	A	A	A	A	C
HCM 95th-tile Q	0.4	0.2	0.2	0.5	0.2	3.4

ITAM ICU Intersection Report
Buildout Approved Plus Project Feasibility Analysis

(without the Jeffrey Road extension from Portola Parkway to SR-241)

16 - Newport Av. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	120	0.07*	144	0.08
NBT	3	5100	460	0.09	837	0.16*
NBR	1	1700	222	0.13	354	0.21
SBL	1	1700	150	0.09	107	0.06*
SBT	3	5100	1283	0.25*	484	0.09
SBR	D	1700	191	0.11	238	0.14
EBL	2	3400	107	0.03	181	0.05*
EBT	3	5100	937	0.18*	894	0.18
EBR	D	1700	64	0.04	79	0.05
WBL	2	3400	335	0.10*	155	0.05
WBT	3	5100	971	0.19	973	0.19*
WBR	D	1700	17	0.01	16	0.01

Adjustment
Overlaps N Clearance 0.05

Total ICU 0.65 0.51

34 - Red Hill Av. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	173	0.05	534	0.16
NBT	1	1700	160	0.09*	353	0.21*
NBR	1	1700	189	0.11	196	0.12
SBL	2	3400	287	0.08*	181	0.05*
SBT	2	3400	347	0.10	159	0.05
SBR	D	1700	80	0.05	42	0.02
EBL	1	1700	28	0.02	45	0.03*
EBT	3	5100	1323	0.30*	1366	0.30
EBR	0		222		144	
WBL	1	1700	240	0.14*	368	0.22
WBT	3	5100	1559	0.33	2527	0.52*
WBR	0		101		149	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.66 0.86

54 - Browning Av. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	152	0.09*
NBT	1	1700	93	0.05	88	0.05
NBR	1	1700	82	0.05	224	0.13
SBL	0		76		75	
SBT	1	1700	150	0.13*	26	0.06*
SBR	D	1700	40	0.02	32	0.02
EBL	1	1700	31	0.02	13	0.01*
EBT	3	5100	2024	0.44*	1532	0.31
EBR	0		198		29	
WBL	1	1700	201	0.12*	123	0.07
WBT	3	5100	1794	0.36	2647	0.53*
WBR	0		67		73	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.77 0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	279	0.08*	784	0.23*
NBT	3	5100	587	0.12	942	0.18
NBR	1	1700	226	0.13	271	0.16
SBL	2	3400	289	0.09	105	0.03
SBT	3	5100	1596	0.31*	439	0.09*
SBR	1	1700	594	0.35	387	0.23
EBL	2	3400	246	0.07	402	0.12*
EBT	3	5100	1182	0.23*	1072	0.21
EBR	1	1700	726	0.43	326	0.19
WBL	2	3400	317	0.09*	115	0.03
WBT	3	5100	1176	0.23	1693	0.33*
WBR	1	1700	149	0.09	241	0.14

Adjustment EBR 0.14 SBR 0.02
Overlaps N S Clearance 0.05

Total ICU 0.90 0.84

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	124	0.07*	15	0.01
NBT	3	5100	319	0.06	2696	0.53*
NBR	1	1700	9	0.01	5	0.00
SBL	1	1700	21	0.01	0	*
SBT	3	5100	2731	0.54*	495	0.10
SBR	1	1700	578	0.34	91	0.05
EBL	2	3400	83	0.02*	415	0.12*
EBT	1	1700	11	0.01	3	0.00
EBR	1	1700	19	0.01	2	0.00
WBL	1	1700	9	0.01	14	0.01
WBT	1	1700	4	0.00*	17	0.01*
WBR	1	1700	8	0.00	70	0.04

Adjustment WBR 0.03
Overlaps Clearance 0.05

Total ICU 0.68 0.74

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01*	174	0.05
NBT	3	5100	212	0.04	1595	0.31*
NBR	F		124		248	
SBL	2	3400	657	0.19	232	0.07*
SBT	3	5100	1829	0.36*	369	0.07
SBR	D	1700	12	0.01	13	0.01
EBL	1	1700	14	0.01	30	0.02*
EBT	2	3400	280	0.08*	286	0.08
EBR	D	1700	115	0.07	100	0.06
WBL	1	1700	244	0.14*	176	0.10
WBT	2	3400	401	0.12	839	0.25*
WBR	2	3400	197	0.06	1128	0.33

Adjustment WBR 0.03
Overlaps Clearance 0.05

Total ICU 0.64 0.73

125 - Jamboree Rd. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	180	0.05*	501	0.15
NBT	3	5100	459	0.09	1994	0.39*
NBR	1	1700	141	0.08	430	0.25
SBL	2	3400	405	0.12	183	0.05*
SBT	4	6800	2758	0.43*	719	0.12
SBR	0		184		79	
EBL	2	3400	137	0.04	338	0.10*
EBT	3	5100	979	0.19*	1011	0.20
EBR	1	1700	411	0.24	301	0.18
WBL	2	3400	592	0.17*	321	0.09
WBT	3	5100	1076	0.21	1532	0.30*
WBR	D	1700	182	0.11	457	0.27
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.90		0.89

126 - Jamboree Rd. @ Bryan Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	67	0.02*	316	0.09
NBT	4	6800	529	0.08	2435	0.36*
NBR	1	1700	94	0.06	384	0.23
SBL	2	3400	128	0.04	167	0.05*
SBT	4	6800	2890	0.43*	977	0.14
SBR	D	1700	95	0.06	226	0.13
EBL	2	3400	73	0.02	275	0.08*
EBT	2	3400	260	0.08*	433	0.13
EBR	D	1700	268	0.16	177	0.10
WBL	2	3400	470	0.14*	284	0.08
WBT	2	3400	321	0.09	777	0.23*
WBR	1	1700	60	0.04	297	0.17
Adjustment			EBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.78		0.77

127 - Jamboree Rd. @ El Camino Real
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	162	0.05*	625	0.18
NBT	4	6800	701	0.10	2588	0.38*
NBR	1	1700	585	0.34	358	0.21
SBL	1	1700	296	0.17	77	0.05*
SBT	4	6800	3089	0.45*	1051	0.15
SBR	1	1700	116	0.07	259	0.15
EBL	1	1700	60	0.04	294	0.17*
EBT	1	1700	176	0.10*	163	0.10
EBR	2	3400	234	0.07	348	0.10
WBL	2	3400	383	0.11*	500	0.15
WBT	2	3400	124	0.07	324	0.16*
WBR	0		102		210	
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.76		0.81

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1163	0.17	2618	0.39*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2926	0.43*	1573	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1091	0.32*	453	0.27*
WBT	0		0		0	
WBR	1.5	1700	338	0.20	1037	0.31
Adjustment					WBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.80		0.75

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1185	0.17	2417	0.36*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3233	0.48*	1507	0.22
SBR	F		0		0	
EBL	2	3400	434	0.13*	598	0.18*
EBT	0		0		0	
EBR	2	3400	693	0.20	623	0.18
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.07		
Overlaps					Clearance	0.05
Total ICU				0.73		0.59

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	482	0.14	307	0.09
SBT	2	3400	926	0.27*	462	0.14*
SBR	1	1700	456	0.27	218	0.13
EBL	0		0		0	*
EBT	3	5100	755	0.15*	714	0.14
EBR	1	1700	382	0.22	441	0.26
WBL	2	3400	370	0.11*	390	0.11
WBT	3	5100	588	0.12	1395	0.27*
WBR	0		0		0	
Adjustment			EBR	0.07	EBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.65		0.56

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	305	0.09	522	0.15
NBT	2	3400	353	0.10*	631	0.19*
NBR	D	1700	152	0.09	591	0.35
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	171	0.05	261	0.08*
EBT	3	5100	1015	0.20*	740	0.15
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	685	0.13	1337	0.26*
WBR	1	1700	273	0.16	434	0.26
Adjustment			WBR	0.01	NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.36		0.60

133 - Jamboree Rd. @ Edinger Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03	337	0.10*
NBT	0		0	*	0	
NBR	1	1700	64	0.04	258	0.15
SBL	2	3400	266	0.08*	310	0.09
SBT	0		0		0	*
SBR	F		775		517	
EBL	2	3400	270	0.08*	611	0.18*
EBT	3	5100	792	0.18	1045	0.23
EBR	0		108		128	
WBL	2	3400	216	0.06	145	0.04
WBT	3	5100	1135	0.22*	1473	0.29*
WBR	1	1700	248	0.15	299	0.18
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		13		6	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	30	0.02	116	0.07
EBL	1	1700	277	0.16*	793	0.47*
EBT	2	3400	511	0.15	887	0.26
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	515	0.15*	819	0.24*
WBR	D	1700	195	0.11	257	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.37		0.76

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	290	0.09*	485	0.14
NBT	5	8500	788	0.09	3062	0.36*
NBR	1	1700	141	0.08	122	0.07
SBL	2	3400	386	0.11	262	0.08*
SBT	4	6800	2805	0.41*	1204	0.18
SBR	F		1965		471	
EBL	3	5100	225	0.04*	1290	0.25*
EBT	2	3400	569	0.17	741	0.22
EBR	1	1700	172	0.10	295	0.17
WBL	2	3400	158	0.05	113	0.03
WBT	3	5100	890	0.17*	768	0.15*
WBR	F		150		642	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.76		0.89

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	358	0.21*	105	0.06*
SBT	0		0		0	
SBR	2	3400	109	0.03	40	0.01
EBL	0		0		0	*
EBT	3	5100	993	0.19*	787	0.15
EBR	1	1700	117	0.07	32	0.02
WBL	2	3400	189	0.06*	78	0.02
WBT	3	5100	650	0.13	2127	0.42*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.51		0.53

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	18	0.01*	63	0.04*
NBT	0		0		0	
NBR	0.5	1700	44	0.03	192	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	46	0.01	46	0.01*
EBT	3	5100	1277	0.25*	810	0.16
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	846	0.17	2216	0.43*
WBR	1	1700	104	0.06	326	0.19
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.33		0.53

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	42	0.01*	48	0.01*
SBT	0		0		0	
SBR	1	1700	185	0.11	65	0.04
EBL	0		0		0	*
EBT	3	5100	1125	0.22*	1374	0.27
EBR	D	1700	92	0.05	36	0.02
WBL	2	3400	396	0.12*	113	0.03
WBT	3	5100	1607	0.32	2186	0.43*
WBR	0		0		0	
Adjustment			SBR	0.08	SBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.48		0.52

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	217	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	38	0.01	328	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	59	0.03*	91	0.05*
EBT	3	5100	951	0.19	1181	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1599	0.31*	1981	0.39*
WBR	1	1700	47	0.03	57	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.40		0.60

218 - Culver Dr. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	118	0.03*	453	0.13*
NBT	2	3400	149	0.04	239	0.07
NBR	1	1700	240	0.14	255	0.15
SBL	2	3400	109	0.03	97	0.03
SBT	2	3400	315	0.09*	232	0.07*
SBR	1	1700	126	0.07	133	0.08
EBL	2	3400	108	0.03	122	0.04*
EBT	3	5100	903	0.18*	484	0.09
EBR	1	1700	262	0.15	163	0.10
WBL	2	3400	256	0.08*	199	0.06
WBT	3	5100	538	0.11	1977	0.39*
WBR	1	1700	60	0.04	86	0.05
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.43		0.68

220 - Culver Dr. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	150	0.04*	337	0.10
NBT	3	5100	406	0.08	1194	0.23*
NBR	1	1700	209	0.12	406	0.24
SBL	2	3400	221	0.07	185	0.05*
SBT	3	5100	1298	0.25*	636	0.12
SBR	D	1700	198	0.12	152	0.09
EBL	2	3400	74	0.02	215	0.06*
EBT	3	5100	626	0.12*	686	0.13
EBR	D	1700	241	0.14	142	0.08
WBL	2	3400	498	0.15*	295	0.09
WBT	3	5100	893	0.18	1526	0.30*
WBR	D	1700	52	0.03	182	0.11
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.61		0.69

221 - Culver Dr. @ Bryan Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	207	0.06*	613	0.18
NBT	3	5100	657	0.13	1839	0.36*
NBR	1	1700	194	0.11	373	0.22
SBL	2	3400	78	0.02	69	0.02*
SBT	3	5100	2048	0.40*	962	0.19
SBR	D	1700	198	0.12	123	0.07
EBL	2	3400	108	0.03	178	0.05*
EBT	1.5	2550	239	0.11*	417	0.16
EBR	1.5	2550	328	0.11	413	0.16
WBL	2	3400	399	0.12*	222	0.07
WBT	2	3400	324	0.12	556	0.19*
WBR	0		87		90	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.74		0.67

222 - Culver Dr. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	737	0.14	2344	0.46*
NBR	F		723		977	
SBL	1	1700	148	0.09	101	0.06*
SBT	3	5100	2088	0.41*	1236	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	705	0.21*	686	0.20*
WBT	0		0		0	
WBR	2	3400	295	0.09	659	0.19
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.67		0.77

223 - Culver Dr. @ I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1132	0.17	2224	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2270	0.45*	1545	0.30
SBR	F		0		0	
EBL	3	5100	356	0.07*	1094	0.21*
EBT	0		0		0	
EBR	2	3400	580	0.17	753	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.10		
Overlaps					Clearance	0.05
Total ICU				0.67		0.59

224 - Culver Dr. @ Walnut Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	88	0.03*	208	0.06
NBT	3	5100	834	0.16	1614	0.32*
NBR	1	1700	292	0.17	338	0.20
SBL	2	3400	205	0.06	284	0.08*
SBT	3	5100	1810	0.35*	1261	0.25
SBR	1	1700	444	0.26	365	0.21
EBL	2	3400	360	0.11*	550	0.16*
EBT	2	3400	446	0.13	613	0.18
EBR	1	1700	123	0.07	107	0.06
WBL	2	3400	350	0.10	322	0.09
WBT	2	3400	536	0.16*	669	0.20*
WBR	1	1700	330	0.19	255	0.15
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.70		0.81

226 - Culver Dr. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	244	0.07*	301	0.09
NBT	4	6800	740	0.11	1466	0.22*
NBR	F		434		496	
SBL	2	3400	188	0.06	236	0.07*
SBT	4	6800	1820	0.27*	1170	0.17
SBR	1	1700	181	0.11	176	0.10
EBL	2	3400	113	0.03	198	0.06*
EBT	3	5100	927	0.18*	883	0.17
EBR	F		327		321	
WBL	2	3400	483	0.14*	355	0.10
WBT	3	5100	954	0.19	1981	0.39*
WBR	F		130		231	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.79

227 - Culver Dr. @ Warner Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	45	0.03*	115	0.07
NBT	3	5100	924	0.18	2174	0.43*
NBR	1	1700	95	0.06	136	0.08
SBL	1	1700	117	0.07	108	0.06*
SBT	3	5100	2326	0.46*	1551	0.30
SBR	D	1700	136	0.08	234	0.14
EBL	2	3400	177	0.05	177	0.05*
EBT	2	3400	221	0.07*	179	0.05
EBR	D	1700	140	0.08	123	0.07
WBL	1	1700	173	0.10*	63	0.04
WBT	2	3400	237	0.07	158	0.05*
WBR	D	1700	186	0.11	132	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.64

228 - Culver Dr. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	201	0.06*	225	0.07
NBT	3	5100	803	0.16	1718	0.34*
NBR	1	1700	292	0.17	299	0.18
SBL	2	3400	375	0.11	171	0.05*
SBT	3	5100	1871	0.37*	1355	0.27
SBR	F		376		221	
EBL	2	3400	155	0.05	540	0.16*
EBT	2	3400	635	0.19*	862	0.25
EBR	1	1700	228	0.13	411	0.24
WBL	2	3400	184	0.05*	278	0.08
WBT	3	5100	756	0.17	750	0.18*
WBR	0		105		187	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.78

229 - Culver Dr. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	133	0.04*	182	0.05
NBT	4	6800	1121	0.16	2042	0.30*
NBR	1	1700	252	0.15	386	0.23
SBL	2	3400	120	0.04	281	0.08*
SBT	3	5100	1859	0.36*	1356	0.27
SBR	F		315		378	
EBL	2	3400	164	0.05*	296	0.09
EBT	3	5100	438	0.12	864	0.21*
EBR	0		177		192	
WBL	2	3400	296	0.09	242	0.07*
WBT	2	3400	671	0.20*	636	0.19
WBR	1	1700	226	0.13	261	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.70		0.71

232 - Culver Dr. @ I-405 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1317	0.26	2399	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1679	0.33*	1729	0.34
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	661	0.19*	650	0.20*
WBT	0		0		0	
WBR	1.5	1700	240	0.14	370	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.72

233 - Culver Dr. @ I-405 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1491	0.29	1740	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1908	0.37*	1546	0.30
SBR	F		0		0	
EBL	1.5	2550	689	0.21*	973	0.29*
EBT	0		0		0	
EBR	1.5	2550	389	0.21	364	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.68

235 - Culver Dr. @ University Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	76	0.02*	60	0.02*
NBT	4	6800	1108	0.16	1337	0.20
NBR	2	3400	677	0.20	919	0.27
SBL	2	3400	43	0.01	60	0.02
SBT	3	5100	1164	0.23*	1205	0.24*
SBR	D	1700	326	0.19	164	0.10
EBL	2	3400	77	0.02	232	0.07
EBT	3	5100	1033	0.20*	1296	0.25*
EBR	D	1700	88	0.05	65	0.04
WBL	2	3400	829	0.24*	684	0.20*
WBT	3	5100	1320	0.27	665	0.14
WBR	0		56		52	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.74		0.76

243 - Yale Av. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	59	0.03	70	0.04
NBT	2	1700	117	0.07*	54	0.03*
NBR	0	1700	179	0.11	117	0.07
SBL	1	1700	138	0.08*	84	0.05*
SBT	1	1700	78	0.05	51	0.03
SBR	D	1700	135	0.08	137	0.08
EBL	1	1700	145	0.09	103	0.06*
EBT	3	5100	1039	0.20*	640	0.13
EBR	D	1700	71	0.04	80	0.05
WBL	1	1700	202	0.12*	160	0.09
WBT	3	5100	693	0.14	2030	0.40*
WBR	D	1700	140	0.08	97	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.59

249 - Yale Av. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	109	0.06*	272	0.16*
NBT	2	3400	261	0.08	346	0.10
NBR	D	1700	115	0.07	146	0.09
SBL	2	3400	258	0.08	169	0.05
SBT	2	3400	502	0.15*	160	0.05*
SBR	D	1700	313	0.18	148	0.09
EBL	1	1700	123	0.07	224	0.13*
EBT	3	5100	762	0.18*	933	0.21
EBR	0		135		120	
WBL	1	1700	171	0.10*	93	0.05
WBT	3	5100	867	0.20	1562	0.35*
WBR	0		171		230	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.74

252 - Yale Av. @ Bryan Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03*	172	0.10*
NBT	2	3400	236	0.07	458	0.13
NBR	D	1700	53	0.03	46	0.03
SBL	1	1700	48	0.03	35	0.02
SBT	2	3400	516	0.15*	294	0.09*
SBR	D	1700	70	0.04	73	0.04
EBL	1	1700	35	0.02*	141	0.08*
EBT	2	3400	241	0.07	435	0.13
EBR	D	1700	61	0.04	103	0.06
WBL	1	1700	53	0.03	35	0.02
WBT	2	3400	356	0.10*	522	0.15*
WBR	D	1700	22	0.01	52	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.47

255 - Yale Av. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	144	0.08*	112	0.07
NBT	2	3400	289	0.09	750	0.22*
NBR	D	1700	84	0.05	198	0.12
SBL	1	1700	129	0.08	93	0.05*
SBT	2	3400	525	0.15*	348	0.10
SBR	D	1700	239	0.14	71	0.04
EBL	1	1700	56	0.03	169	0.10*
EBT	2	3400	234	0.07*	358	0.11
EBR	D	1700	70	0.04	106	0.06
WBL	1	1700	144	0.08*	78	0.05
WBT	2	3400	361	0.11	328	0.10*
WBR	D	1700	55	0.03	157	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.52

259 - Yale Av. @ Walnut Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	202	0.06*	250	0.07
NBT	2	3400	232	0.11	708	0.25*
NBR	0		140		147	
SBL	1	1700	90	0.05	76	0.04*
SBT	2	3400	598	0.18*	256	0.08
SBR	1	1700	332	0.20	266	0.16
EBL	1	1700	218	0.13*	470	0.28*
EBT	2	3400	465	0.14	416	0.12
EBR	D	1700	375	0.22	173	0.10
WBL	1	1700	127	0.07	67	0.04
WBT	2	3400	357	0.11*	546	0.16*
WBR	D	1700	45	0.03	153	0.09
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.53		0.78

261 - Yale Av. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	127	0.07	101	0.06
NBT	2	3400	143	0.04*	281	0.08*
NBR	D	1700	242	0.14	107	0.06
SBL	1	1700	482	0.28*	130	0.08*
SBT	2	3400	378	0.11	150	0.04
SBR	D	1700	572	0.34	131	0.08
EBL	2	3400	183	0.05	463	0.14*
EBT	3	5100	1256	0.27*	1002	0.22
EBR	0		110		139	
WBL	1	1700	113	0.07*	148	0.09
WBT	3	5100	804	0.16	2225	0.44*
WBR	1	1700	158	0.09	534	0.31
Adjustment			NBR	0.05		
Overlaps				Clearance		0.05
Total ICU				0.76		0.79

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06	86	0.05
NBT	2	3400	133	0.04*	182	0.05*
NBR	D	1700	103	0.06	73	0.04
SBL	1	1700	194	0.11*	80	0.05*
SBT	2	3400	254	0.07	128	0.04
SBR	D	1700	191	0.11	63	0.04
EBL	2	3400	62	0.02	121	0.04*
EBT	2	3400	1023	0.30*	1087	0.32
EBR	D	1700	70	0.04	68	0.04
WBL	1	1700	81	0.05*	67	0.04
WBT	2	3400	722	0.24	1088	0.37*
WBR	0		77		163	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.56

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	73	0.04	121	0.07
NBT	2	3400	142	0.04*	302	0.09*
NBR	D	1700	206	0.12	196	0.12
SBL	1	1700	390	0.23*	138	0.08*
SBT	2	3400	491	0.14	166	0.05
SBR	D	1700	172	0.10	76	0.04
EBL	1	1700	97	0.06	154	0.09*
EBT	2	3400	670	0.20*	913	0.27
EBR	D	1700	94	0.06	124	0.07
WBL	1	1700	179	0.11*	103	0.06
WBT	2	3400	786	0.23	932	0.27*
WBR	D	1700	209	0.12	346	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.63		0.58

268 - W. Yale Loop @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	188	0.11*	90	0.05*
NBT	2	3400	237	0.07	142	0.04
NBR	D	1700	307	0.18	186	0.11
SBL	1	1700	43	0.03	44	0.03
SBT	2	3400	190	0.06*	172	0.05*
SBR	D	1700	130	0.08	111	0.07
EBL	1	1700	67	0.04*	49	0.03
EBT	2	3400	665	0.20	1292	0.38*
EBR	D	1700	83	0.05	190	0.11
WBL	1	1700	81	0.05	208	0.12*
WBT	2	3400	925	0.27*	923	0.27
WBR	D	1700	76	0.04	58	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.65

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	194	0.11*	142	0.08*
NBT	2	3400	365	0.11	265	0.08
NBR	D	1700	671	0.39	322	0.19
SBL	2	3400	210	0.06	132	0.04
SBT	2	3400	255	0.08*	196	0.06*
SBR	D	1700	157	0.09	82	0.05
EBL	1	1700	100	0.06	192	0.11
EBT	2	3400	697	0.26*	1002	0.36*
EBR	0		191		207	
WBL	2	3400	267	0.08*	525	0.15*
WBT	2	3400	867	0.26	914	0.27
WBR	D	1700	129	0.08	127	0.07
Adjustment			NBR	0.20		
Overlaps					Clearance	0.05
Total ICU				0.78		0.70

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	426	0.13*	931	0.27*
NBT	2	3400	30	0.01	110	0.03
NBR	1	1700	190	0.11	267	0.16
SBL	2	3400	154	0.05	72	0.02
SBT	3	3400	144	0.04*	43	0.01*
SBR	0	1700	344	0.20	250	0.15
EBL	2	3400	152	0.04	224	0.07*
EBT	3	5100	959	0.19*	543	0.11
EBR	1	1700	897	0.53	324	0.19
WBL	2	3400	281	0.08*	226	0.07
WBT	3	5100	672	0.13	1328	0.26*
WBR	D	1700	48	0.03	157	0.09
Adjustment			Multi	0.26	SBR	0.09
Overlaps		E			Clearance	0.05
Total ICU				0.75		0.75

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	121	0.04*	376	0.11
NBT	3	5100	453	0.09	1165	0.23*
NBR	F		183		364	
SBL	2	3400	215	0.06	134	0.04*
SBT	3	5100	948	0.19*	479	0.09
SBR	1	1700	190	0.11	150	0.09
EBL	2	3400	95	0.03	224	0.07*
EBT	3	5100	750	0.15*	802	0.16
EBR	D	1700	225	0.13	156	0.09
WBL	2	3400	419	0.12*	213	0.06
WBT	3	5100	843	0.17	1434	0.28*
WBR	D	1700	155	0.09	244	0.14
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.67

284 - Jeffrey Rd. @ Bryan Av.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	90	0.03*	537	0.16
NBT	3	5100	583	0.11	1622	0.32*
NBR	D	1700	85	0.05	314	0.18
SBL	2	3400	30	0.01	49	0.01*
SBT	3	5100	1392	0.27*	688	0.13
SBR	1	1700	146	0.09	159	0.09
EBL	1	1700	129	0.08	168	0.10*
EBT	0.5	850	102	0.10*	211	0.12
EBR	1.5	2550	239	0.10	151	0.09
WBL	2	3400	359	0.11*	137	0.04
WBT	1	1700	153	0.09	185	0.11*
WBR	D	1700	75	0.04	59	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.59

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	64	0.02*	220	0.06
NBT	3	5100	631	0.12	2139	0.42*
NBR	1	1700	144	0.08	272	0.16
SBL	2	3400	306	0.09	76	0.02*
SBT	4	6800	1666	0.25*	860	0.13
SBR	1	1700	178	0.10	107	0.06
EBL	2	3400	80	0.02	233	0.07*
EBT	2	3400	213	0.06*	289	0.09
EBR	1	1700	151	0.09	132	0.08
WBL	2	3400	263	0.08*	221	0.07
WBT	2	3400	277	0.08	318	0.09*
WBR	1	1700	85	0.05	157	0.09
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.47		0.65

286 - Jeffrey Rd. @ Roosevelt
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	174	0.05*	512	0.15
NBT	4	6800	521	0.08	2342	0.34*
NBR	1	1700	225	0.13	568	0.33
SBL	1	1700	77	0.05	80	0.05*
SBT	3	5100	1892	0.37*	980	0.19
SBR	D	1700	58	0.03	134	0.08
EBL	1	1700	40	0.02	170	0.10
EBT	1	1700	109	0.06*	155	0.09*
EBR	2	3400	347	0.10	448	0.13
WBL	2	3400	838	0.25*	325	0.10*
WBT	1	1700	156	0.09	136	0.08
WBR	1	1700	312	0.18	136	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.63

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	615	0.12	2305	0.45*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2216	0.43*	1259	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	812	0.24*	595	0.29*
WBT	0		0		0	
WBR	1.5	1700	378	0.22	899	0.29
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.72		0.79

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	85	0.03*	248	0.07
NBT	3	5100	603	0.12	1533	0.30*
NBR	1	1700	306	0.18	450	0.26
SBL	2	3400	831	0.24	486	0.14*
SBT	3	5100	2055	0.45*	1108	0.33
SBR	0		244		561	0.33
EBL	2	3400	107	0.03	275	0.08
EBT	1.5	3400	584	0.17*	420	0.12*
EBR	1.5	1700	220	0.13	164	0.10
WBL	2	3400	338	0.10*	676	0.20*
WBT	1	1700	32	0.02	225	0.13
WBR	2	3400	149	0.04	961	0.28
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.80		0.81

289 - Jeffrey Rd. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	151	0.04*	385	0.11*
NBT	4	6800	561	0.08	1447	0.21
NBR	1	1700	163	0.10	189	0.11
SBL	3	5100	179	0.04	113	0.02
SBT	4	6800	1845	0.32*	971	0.19*
SBR	0		345		446	0.26
EBL	2	3400	252	0.07	282	0.08*
EBT	3	5100	1325	0.26*	692	0.14
EBR	F		370		225	
WBL	2	3400	188	0.06*	138	0.04
WBT	4	6800	601	0.09	1933	0.28*
WBR	1	1700	142	0.08	294	0.17
Adjustment					SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.73		0.72

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	166	0.05*	190	0.06
NBT	3	5100	862	0.17	1388	0.27*
NBR	D	1700	304	0.18	156	0.09
SBL	2	3400	129	0.04	107	0.03*
SBT	3	5100	1770	0.35*	1195	0.23
SBR	D	1700	356	0.21	257	0.15
EBL	2	3400	246	0.07	445	0.13*
EBT	2	3400	834	0.25*	559	0.16
EBR	D	1700	224	0.13	207	0.12
WBL	2	3400	132	0.04*	478	0.14
WBT	2	3400	628	0.18	977	0.29*
WBR	1	1700	54	0.03	206	0.12
Adjustment					Clearance	0.05
Overlaps						
Total ICU				0.74		0.77

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	344	0.10*	411	0.12*
NBT	3	5100	903	0.18	1299	0.25
NBR	1	1700	239	0.14	326	0.19
SBL	2	3400	162	0.05	297	0.09
SBT	3	5100	1840	0.36*	1277	0.25*
SBR	D	1700	115	0.07	232	0.14
EBL	2	3400	234	0.07	242	0.07*
EBT	2	3400	790	0.23*	880	0.26
EBR	1	1700	589	0.35	325	0.19
WBL	3	5100	442	0.09*	433	0.08
WBT	2	3400	836	0.25	1035	0.30*
WBR	D	1700	107	0.06	153	0.09
Adjustment			EBR	0.02		
Overlaps		N E			Clearance	0.05
Total ICU				0.85		0.79

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	940	0.18	1666	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1715	0.34*	1293	0.25
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1381	0.27*	966	0.19*
WBT	0		0		0	
WBR	1	1700	125	0.07	412	0.24
Adjustment					WBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.66		0.62

294 - University Dr. @ I-405 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1135	0.22	1389	0.27
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2712	0.53*	2061	0.40*
SBR	F		0		0	
EBL	2	3400	240	0.07*	314	0.09*
EBT	0		0		0	
EBR	1	1700	101	0.06	58	0.03
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.54

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	251	0.07*	853	0.25*
NBT	1	1700	3	0.00	2	0.00
NBR	1	1700	249	0.15	645	0.38
SBL	0		2		4	
SBT	1	1700	2	0.00*	2	0.01*
SBR	0		2		5	
EBL	1	1700	8	0.00	1	0.00*
EBT	2	3400	734	0.22*	474	0.14
EBR	F		537		221	
WBL	2	3400	465	0.14*	289	0.09
WBT	2	3400	639	0.19	820	0.24*
WBR	0		7		1	
Adjustment					NBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.48		0.59

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	151	0.04*	217	0.06
NBT	3	5100	335	0.07	921	0.18*
NBR	2	3400	469	0.14	403	0.12
SBL	2	3400	296	0.09	244	0.07*
SBT	3	5100	719	0.14*	470	0.09
SBR	D	1700	142	0.08	135	0.08
EBL	2	3400	75	0.02	257	0.08*
EBT	4	6800	901	0.13*	928	0.14
EBR	1	1700	191	0.11	102	0.06
WBL	2	3400	681	0.20*	412	0.12
WBT	3	5100	974	0.19	1281	0.25*
WBR	1	1700	189	0.11	413	0.24
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.63

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	13	0.00*	77	0.02
NBT	3	5100	533	0.10	1613	0.32*
NBR	F		360		524	
SBL	2	3400	368	0.11	319	0.09*
SBT	3	5100	1362	0.27*	693	0.14
SBR	1	1700	270	0.16	204	0.12
EBL	2	3400	181	0.05	156	0.05*
EBT	3	5100	368	0.07*	330	0.06
EBR	F		50		36	
WBL	2	3400	503	0.15*	214	0.06
WBT	3	5100	434	0.09	440	0.09*
WBR	D	1700	287	0.17	304	0.18
Adjustment					WBR	0.02
Overlaps				Clearance		0.05
Total ICU				0.54		0.62

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	335	0.10	379	0.11
NBT	4	6800	568	0.08*	1351	0.20*
NBR	1	1700	619	0.36	710	0.42
SBL	2	3400	660	0.19*	490	0.14*
SBT	4	6800	1104	0.16	453	0.07
SBR	1	1700	89	0.05	65	0.04
EBL	2	3400	165	0.05	574	0.17
EBT	2	3400	359	0.11*	603	0.18*
EBR	1	1700	301	0.18	279	0.16
WBL	2	3400	1380	0.41*	856	0.25*
WBT	2	3400	447	0.13	495	0.15
WBR	1	1700	189	0.11	441	0.26
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.84		0.82

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1658	0.24	2844	0.42*
NBR	D	1700	182	0.11	526	0.31
SBL	0		195		441	*
SBT	4	6800	2574	0.41*	1266	0.25
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		240		248	
WBT	0		0	*	0	*
WBR	1	1700	326	0.33	238	0.29
Adjustment			WBR	0.20	WBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.66		0.76

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	791	0.12*	1839	0.27*
NBR	1	1700	54	0.03	317	0.19
SBL	2	3400	739	0.22*	495	0.15*
SBT	4	6800	1995	0.29	997	0.15
SBR	0		0		0	
EBL	2.5	4250	1074	0.32*	1534	0.30*
EBT	0		0		0	
EBR	1.5	2550	1073	0.32	452	0.27
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.77

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	68	0.04*	104	0.06
NBT	3	5100	472	0.09	1235	0.24*
NBR	1	1700	124	0.07	25	0.01
SBL	2	3400	726	0.21	92	0.03*
SBT	3	5100	2130	0.42*	678	0.13
SBR	D	1700	462	0.27	141	0.08
EBL	2	3400	51	0.02*	386	0.11*
EBT	1	1700	29	0.02	67	0.04
EBR	D	1700	44	0.03	68	0.04
WBL	2	3400	44	0.01	174	0.05
WBT	1	1700	77	0.05*	52	0.03*
WBR	F		98		668	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.46

307 - Sand Canyon Av. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	145	0.04*	226	0.07
NBT	3	5100	506	0.10	770	0.15*
NBR	1	1700	144	0.08	50	0.03
SBL	2	3400	528	0.16	162	0.05*
SBT	3	5100	1412	0.28*	643	0.13
SBR	1	1700	403	0.24	234	0.14
EBL	2	3400	193	0.06	231	0.07*
EBT	3	5100	968	0.19*	625	0.12
EBR	1	1700	82	0.05	135	0.08
WBL	2	3400	76	0.02*	203	0.06
WBT	3	5100	564	0.11	1301	0.26*
WBR	1	1700	140	0.08	230	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.58

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	104	0.03	113	0.03*
NBT	3	5100	1149	0.23*	889	0.17
NBR	D	1700	93	0.05	76	0.04
SBL	2	3400	39	0.01*	74	0.02
SBT	3	5100	1011	0.20	1034	0.20*
SBR	D	1700	134	0.08	297	0.17
EBL	2	3400	265	0.08*	166	0.05*
EBT	2	3400	591	0.17	424	0.12
EBR	1	1700	182	0.11	94	0.06
WBL	2	3400	174	0.05	243	0.07
WBT	2	3400	534	0.16*	1092	0.32*
WBR	1	1700	127	0.07	168	0.10
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.65

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	197	0.06	342	0.10*
NBT	3	5100	1089	0.21*	513	0.10
NBR	2	3400	713	0.21	208	0.06
SBL	2	3400	261	0.08*	94	0.03
SBT	3	5100	872	0.17	1102	0.22*
SBR	1	1700	110	0.06	185	0.11
EBL	2	3400	161	0.05	106	0.03
EBT	3	5100	801	0.16*	733	0.14*
EBR	1	1700	246	0.14	290	0.17
WBL	2	3400	376	0.11*	794	0.23*
WBT	3	5100	850	0.17	1027	0.20
WBR	1	1700	135	0.08	231	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.61		0.74

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1870	0.55*	818	0.24
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	500	0.15	967	0.28*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	68	0.04*	150	0.09*
WBT	0		0		0	
WBR	F		197		307	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.42

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1166	0.34*	595	0.18*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	2	3400	295	0.09	579	0.17
SBR	F		0		0	
EBL	2	3400	1559	0.46*	502	0.15*
EBT	0		0		0	
EBR	1	1700	242	0.14	358	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.85		0.43

313 - Laguna Canyon Rd. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	50	0.01	135	0.04*
NBT	2	3400	245	0.07*	92	0.03
NBR	D	1700	15	0.01	33	0.02
SBL	2	3400	49	0.01*	213	0.06
SBT	2	3400	87	0.03	189	0.06*
SBR	D	1700	32	0.02	284	0.17
EBL	2	3400	334	0.10*	38	0.01*
EBT	3	5100	877	0.17	789	0.15
EBR	D	1700	139	0.08	146	0.09
WBL	2	3400	50	0.01	13	0.00
WBT	3	5100	820	0.16*	1143	0.22*
WBR	D	1700	187	0.11	70	0.04
Adjustment					SBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.39		0.48

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	108	0.03*
NBT	2	3400	149	0.04	78	0.02
NBR	D	1700	17	0.01	162	0.10
SBL	2	3400	57	0.02	99	0.03
SBT	2	3400	165	0.05*	184	0.05*
SBR	D	1700	75	0.04	281	0.17
EBL	2	3400	91	0.03*	29	0.01*
EBT	2	3400	538	0.16	477	0.14
EBR	1	1700	90	0.05	64	0.04
WBL	2	3400	101	0.03	60	0.02
WBT	2	3400	756	0.22*	890	0.26*
WBR	D	1700	78	0.05	63	0.04
Adjustment					SBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.37		0.51

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	231	0.14*	201	0.12*
NBT	2	3400	208	0.06	136	0.04
NBR	D	1700	81	0.05	104	0.06
SBL	1	1700	19	0.01	101	0.06
SBT	2	3400	107	0.03*	237	0.07*
SBR	D	1700	26	0.02	94	0.06
EBL	2	3400	106	0.03*	17	0.01*
EBT	2	3400	743	0.22	770	0.23
EBR	1	1700	202	0.12	182	0.11
WBL	2	3400	159	0.05	100	0.03
WBT	2	3400	1149	0.34*	998	0.29*
WBR	1	1700	49	0.03	32	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.54

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	230	0.14*	248	0.15*
SBT	0		0		0	
SBR	2	3400	211	0.06	214	0.06
EBL	0		0		0	*
EBT	4	6800	1563	0.23*	1589	0.23
EBR	D	1700	219	0.13	112	0.07
WBL	2	3400	519	0.15*	180	0.05
WBT	3	5100	1472	0.29	2116	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.61

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	212	0.12*	354	0.21*
NBT	0		0		0	
NBR	1	1700	4	0.00	307	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1756	0.34	1808	0.35
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	1837	0.38*	1960	0.42*
WBR	0		111		169	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.68

318 - Banting @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	22	0.01*	35	0.01
NBT	1	1700	22	0.01	148	0.09*
NBR	1	1700	17	0.01	142	0.08
SBL	2	3400	740	0.22	137	0.04*
SBT	2	1700	575	0.34*	210	0.10
SBR	0	1700	714	0.42	145	
EBL	1	1700	56	0.03*	222	0.13*
EBT	2	3400	444	0.13	824	0.24
EBR	D	1700	18	0.01	35	0.02
WBL	1	1700	22	0.01	25	0.01
WBT	2	3400	618	0.18*	695	0.20*
WBR	F		104		848	
Adjustment			SBR	0.06		
Overlaps					Clearance	0.05
Total ICU				0.67		0.51

319 - Banting @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	7	0.00
NBT	1	1700	5	0.00*	43	0.03*
NBR	1	1700	13	0.01	69	0.04
SBL	2	3400	171	0.05*	190	0.06*
SBT	1	1700	70	0.04	5	0.00
SBR	1	1700	310	0.18	29	0.02
EBL	2	3400	26	0.01*	32	0.01*
EBT	2	3400	634	0.19	1040	0.31
EBR	D	1700	26	0.02	3	0.00
WBL	1	1700	51	0.03	10	0.01
WBT	2	3400	1286	0.38*	1041	0.31*
WBR	D	1700	102	0.06	189	0.11
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.61		0.46

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	848	0.17*	190	0.04
NBT	3	5100	2636	0.52	2911	0.57*
NBR	1	1700	7	0.00	12	0.01
SBL	2	3400	77	0.02	117	0.03*
SBT	3	5100	2112	0.41*	2593	0.51
SBR	1	1700	867	0.51	470	0.28
EBL	3	5100	302	0.06*	614	0.12*
EBT	1	1700	44	0.03	54	0.03
EBR	F		104		578	
WBL	1	1700	7	0.00	7	0.00
WBT	2	3400	142	0.04*	22	0.01*
WBR	D	1700	115	0.07	95	0.06
Adjustment			SBR	0.05	WBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.78		0.81

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1039	0.31*	1029	0.30
NBR	1	1700	271	0.16	112	0.07
SBL	1	1700	160	0.09*	250	0.15
SBT	3	5100	1424	0.28	2419	0.47*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	174	0.10*	62	0.04*
WBT	0		0		0	
WBR	1.5	3400	1578	0.46	951	0.28
Adjustment			WBR	0.29	WBR	0.11
Overlaps					Clearance	0.05
Total ICU				0.84		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1224	0.36*	960	0.28
NBR	0		0		0	
SBL	0		0	*	0	
SBT	2	3400	883	0.26	989	0.29*
SBR	F		0		0	
EBL	0.5	1700	150	0.09*	189	0.11*
EBT	0		0		0	
EBR	1.5	1700	44	0.03	204	0.12
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.50		0.46

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	873	0.26*	1047	0.31*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	735	0.22	563	0.17
SBR	1	1700	32	0.02	60	0.04
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	214	0.13	146	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.44		0.45

325 - Portola Pkwy. @ SR-241 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	607	0.18*	876	0.26*
NBR	1.5	1700	0		26	0.02
SBL	1	1700	86	0.05*	129	0.08*
SBT	2	3400	508	0.15	438	0.13
SBR	0		0		0	
EBL	0.5	1700	113	0.07*	48	0.03*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.35 — PM 0.42

326 - Ada @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	34	0.02*	76	0.04*
NBT	2	3400	77	0.02	83	0.02
NBR	D	1700	64	0.04	183	0.11
SBL	2	3400	53	0.02	93	0.03
SBT	1	1700	97	0.06*	136	0.08*
SBR	1	1700	16	0.01	56	0.03
EBL	1	1700	13	0.01*	38	0.02
EBT	2	3400	500	0.15	1093	0.32*
EBR	D	1700	185	0.11	64	0.04
WBL	1	1700	170	0.10	88	0.05*
WBT	2	3400	1090	0.32*	711	0.21
WBR	1	1700	38	0.02	33	0.02

Adjustment
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.46 — PM 0.54

327 - Barranca Pkwy. @ Technology
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	387	0.11*	58	0.02
NBT	2	3400	875	0.26	698	0.21*
NBR	1	1700	418	0.25	569	0.33
SBL	2	3400	126	0.04	194	0.06*
SBT	2	3400	722	0.21*	797	0.23
SBR	1	1700	173	0.10	40	0.02
EBL	1	1700	30	0.02*	199	0.12
EBT	1.5	3400	75	0.02	294	0.14*
EBR	1.5	1700	33	0.02	430	0.14
WBL	2	3400	180	0.05	530	0.16*
WBT	2	3400	345	0.10*	106	0.03
WBR	D	1700	110	0.06	110	0.06

Adjustment
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.49 — PM 0.62

328 - Barranca Pkwy. @ I-5 HOV Ramp
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	75	0.04	244	0.14*
NBT	2	3400	1496	0.44*	1294	0.38
NBR	0		0		0	
SBL	0		0	*	0	
SBT	3	5100	997	0.20	1520	0.30*
SBR	D	1700	10	0.01	140	0.08
EBL	1	1700	90	0.05*	118	0.07*
EBT	0		0		0	
EBR	1	1700	383	0.23	78	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.54 — PM 0.56

329 - Barranca Pkwy. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	133	0.04	21	0.01
NBT	2	3400	819	0.24*	804	0.24*
NBR	1	1700	151	0.09	158	0.09
SBL	2	3400	277	0.08*	266	0.08*
SBT	2	3400	680	0.20	982	0.29
SBR	1	1700	559	0.33	287	0.17
EBL	2	3400	186	0.05*	501	0.15
EBT	3	5100	598	0.12	1191	0.23*
EBR	1	1700	41	0.02	233	0.14
WBL	2	3400	150	0.04	336	0.10*
WBT	3	5100	1276	0.25*	909	0.18
WBR	1	1700	408	0.24	421	0.25

Adjustment — SBR — AM 0.01 — WBR — PM 0.01
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.68 — PM 0.71

330 - Barranca Pkwy. @ Pacifica
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	185	0.11*	45	0.03*
NBT	2	3400	698	0.21	640	0.19
NBR	1	1700	409	0.24	474	0.28
SBL	1	1700	50	0.03	130	0.08
SBT	2	3400	600	0.18*	1294	0.38*
SBR	D	1700	200	0.12	16	0.01
EBL	2	3400	8	0.00*	108	0.03
EBT	2	1700	15	0.01	112	0.07*
EBR	0	1700	21	0.01	302	0.18
WBL	2	3400	182	0.05	272	0.08*
WBT	1	1700	194	0.11*	28	0.02
WBR	1	1700	391	0.23	197	0.12

Adjustment — WBR — AM 0.06 — EBR — PM 0.09
Overlaps — Clearance — AM 0.05

Total ICU — AM 0.51 — PM 0.70

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03*	437	0.13*
NBT	2	3400	155	0.05	204	0.06
NBR	D	1700	10	0.01	25	0.01
SBL	2	3400	114	0.03	60	0.02
SBT	2	3400	276	0.08*	118	0.03*
SBR	D	1700	51	0.03	462	0.27
EBL	1	1700	508	0.30*	185	0.11*
EBT	2	3400	369	0.11	77	0.02
EBR	1	1700	380	0.22	96	0.06
WBL	1	1700	16	0.01	9	0.01
WBT	1	1700	65	0.04*	206	0.12*
WBR	1	1700	56	0.03	149	0.09

Adjustment SBR 0.16
Overlaps Clearance 0.05

Total ICU 0.50 0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	144	0.08	264	0.16*
NBT	2	3400	21	0.01*	112	0.03
NBR	F		274		473	
SBL	1	1700	225	0.13*	116	0.07
SBT	2	3400	108	0.03	29	0.01*
SBR	D	1700	19	0.01	10	0.01
EBL	2	3400	5	0.00	0	
EBT	2	3400	935	0.28*	833	0.25*
EBR	F		289		197	
WBL	2	3400	451	0.13*	203	0.06*
WBT	3	5100	835	0.16	841	0.16
WBR	F		95		218	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.60 0.53

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	199	0.12*	352	0.21*
NBT	3	5100	441	0.09	882	0.17
NBR	F		147		352	
SBL	1	1700	86	0.05	51	0.03
SBT	3	5100	710	0.14*	475	0.09*
SBR	F		277		193	
EBL	2	3400	172	0.05	207	0.06*
EBT	0		0	*	0	
EBR	F		496		169	
WBL	2	3400	431	0.13*	91	0.03
WBT	0		0		0	*
WBR	F		87		85	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.44 0.41

338 - Alton Pkwy. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	119	0.04*	446	0.13
NBT	3	5100	504	0.10	1314	0.26*
NBR	F		32		82	
SBL	2	3400	208	0.06	88	0.03*
SBT	3	5100	1507	0.30*	565	0.11
SBR	F		280		758	
EBL	3	5100	472	0.09*	318	0.06*
EBT	3	5100	516	0.10	396	0.08
EBR	D	1700	429	0.25	98	0.06
WBL	2	3400	127	0.04	68	0.02
WBT	3	5100	350	0.07*	603	0.12*
WBR	1	1700	46	0.03	163	0.10

Adjustment EBR 0.10
Overlaps Clearance 0.05

Total ICU 0.65 0.52

339 - Alton Pkwy. @ Toledo Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	64	0.04*	77	0.05
NBT	3	5100	640	0.13	1531	0.30*
NBR	F		93		196	
SBL	1	1700	93	0.05	61	0.04*
SBT	3	5100	1633	0.32*	708	0.14
SBR	0		9		13	
EBL	1	1700	23	0.01	6	0.00
EBT	1	1700	96	0.11*	48	0.06*
EBR	0		94		49	
WBL	1	1700	144	0.08*	67	0.04*
WBT	1	1700	57	0.03	59	0.03
WBR	1	1700	112	0.07	99	0.06

Adjustment
Overlaps W Clearance 0.05

Total ICU 0.60 0.49

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	53	0.03*	17	0.01
NBT	3	5100	1009	0.20	1431	0.28*
NBR	F		259		357	
SBL	2	3400	158	0.05	103	0.03*
SBT	3	5100	1544	0.31*	1013	0.20
SBR	0		26		7	
EBL	1	1700	3	0.00	28	0.02
EBT	1	1700	7	0.00*	36	0.02*
EBR	F		13		56	
WBL	2	3400	400	0.12*	271	0.08*
WBT	1	1700	40	0.02	8	0.00
WBR	1	1700	108	0.06	162	0.10

Adjustment
Overlaps Clearance 0.05

Total ICU 0.51 0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	10	0.01*	9	0.01
NBT	3	5100	784	0.15	979	0.19*
NBR	1	1700	224	0.13	361	0.21
SBL	2	3400	145	0.04	101	0.03*
SBT	3	5100	1061	0.21*	726	0.14
SBR	F		1036		569	
EBL	2	3400	525	0.15*	683	0.20*
EBT	2	3400	218	0.07	470	0.14
EBR	0		10		5	
WBL	2	3400	183	0.05	137	0.04
WBT	2	3400	310	0.11*	272	0.12*
WBR	0		60		129	

Adjustment
Overlaps: N — Clearance: 0.05

Total ICU: 0.53 / 0.59

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	21	0.01*	35	0.02*
NBT	1	1700	6	0.00	2	0.00
NBR	1	1700	88	0.05	370	0.22
SBL	1	1700	5	0.00	26	0.02
SBT	1	1700	0	0.00*	3	0.02*
SBR	0		5		28	
EBL	1	1700	36	0.02	4	0.00
EBT	3	5100	1162	0.23*	1242	0.24*
EBR	D	1700	21	0.01	15	0.01
WBL	1	1700	284	0.17*	49	0.03*
WBT	3	5100	1324	0.26	1316	0.26
WBR	D	1700	25	0.01	2	0.00

Adjustment: NBR 0.18
Overlaps — Clearance: 0.05

Total ICU: 0.46 / 0.54

343 - Alton Pkwy. @ Ada
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	250	0.07*	158	0.05*
NBT	3	5100	1142	0.22	1096	0.21
NBR	D	1700	7	0.00	10	0.01
SBL	1	1700	8	0.00	25	0.01
SBT	3	5100	1201	0.24*	1294	0.25*
SBR	D	1700	103	0.06	120	0.07
EBL	1	1700	53	0.03*	135	0.08*
EBT	1	1700	54	0.03	28	0.02
EBR	1	1700	260	0.15	247	0.15
WBL	1	1700	13	0.01	14	0.01
WBT	1	1700	22	0.03*	29	0.02*
WBR	0		24		5	

Adjustment: EBR 0.05 — EBR 0.02
Overlaps — Clearance: 0.05

Total ICU: 0.47 / 0.47

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	689	0.20*	662	0.19*
NBT	3	5100	1178	0.23	798	0.16
NBR	1	1700	615	0.36	311	0.18
SBL	1	1700	35	0.02	60	0.04
SBT	4	6800	1177	0.17*	1176	0.17*
SBR	1	1700	238	0.14	355	0.21
EBL	1.5	2550	207	0.07*	406	0.13*
EBT	1.5	2550	146	0.07	267	0.13
EBR	2	3400	413	0.12	1102	0.32
WBL	2.5	4250	327	0.08	639	0.14
WBT	1.5	2550	230	0.08*	280	0.14*
WBR	D	1700	36	0.02	19	0.01

Adjustment
Overlaps: E — Clearance: 0.05
Note: Assumes E/W Split Phase

Total ICU: 0.57 / 0.68

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2159	0.42*	1592	0.31
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	1459	0.29	1662	0.33*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	899	0.25*	156	0.05*
WBT	0		0		0	
WBR	0.5	850	369	0.25	185	0.11

Adjustment: WBR 0.04
Overlaps — Clearance: 0.05

Total ICU: 0.72 / 0.47

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1201	0.24	1493	0.29*
NBR	1	1700	62	0.04	204	0.12
SBL	1	1700	259	0.15	508	0.30*
SBT	3	5100	2173	0.43*	1335	0.26
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	202	0.06*	138	0.04*
WBT	0		0		0	
WBR	2	3400	1244	0.37	891	0.26

Adjustment: WBR 0.13
Overlaps: W — Clearance: 0.05

Total ICU: 0.67 / 0.68

348 - Alton Pkwy. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	42	0.01	30	0.01
NBT	4	6800	444	0.07*	713	0.10*
NBR	F		131		182	
SBL	2	3400	443	0.13*	369	0.11*
SBT	3	5100	902	0.18	756	0.15
SBR	1	1700	262	0.15	119	0.07
EBL	2	3400	79	0.02	327	0.10
EBT	3	5100	643	0.13*	1076	0.21*
EBR	1	1700	15	0.01	63	0.04
WBL	2	3400	294	0.09	354	0.10
WBT	2.5	4250	802	0.20*	900	0.22*
WBR	1.5	2550	591	0.20	568	0.22
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.58		0.69

350 - Alton Pkwy. @ Pacifica
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	41	0.01*	161	0.05*
NBT	3	5100	571	0.11	890	0.17
NBR	D	1700	247	0.15	224	0.13
SBL	2	3400	21	0.01	67	0.02
SBT	2	3400	1129	0.33*	1065	0.31*
SBR	1	1700	119	0.07	106	0.06
EBL	2	3400	143	0.04	85	0.03
EBT	2	3400	370	0.11*	141	0.04*
EBR	D	1700	147	0.09	37	0.02
WBL	1	1700	169	0.10*	190	0.11*
WBT	2	3400	166	0.05	380	0.11
WBR	D	1700	44	0.03	49	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.56

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	25	0.01*	111	0.03*
NBT	2	1700	5	0.00	80	0.04
NBR	0	1700	17	0.01	39	
SBL	2	3400	217	0.06	405	0.12
SBT	1	1700	552	0.32*	351	0.21*
SBR	F		1336		602	
EBL	1	1700	108	0.06*	440	0.26*
EBT	2	3400	123	0.04	202	0.06
EBR	1	1700	82	0.05	65	0.04
WBL	1	1700	13	0.01	41	0.02
WBT	2	3400	79	0.02*	309	0.09*
WBR	1	1700	10	0.01	113	0.07
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.46		0.64

356 - Pacifica @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	14	0.00*	84	0.02
NBT	2	3400	15	0.00	97	0.03*
NBR	D	1700	248	0.15	626	0.37
SBL	2	3400	101	0.03	323	0.10*
SBT	2	3400	221	0.07*	78	0.02
SBR	1	1700	47	0.03	120	0.07
EBL	2	3400	40	0.01*	102	0.03
EBT	3	5100	1109	0.22	1481	0.29*
EBR	D	1700	91	0.05	39	0.02
WBL	2	3400	293	0.09	227	0.07*
WBT	3	5100	1738	0.34*	1418	0.28
WBR	1	1700	176	0.10	156	0.09
Adjustment			NBR	0.01	NBR	0.29
Overlaps				Clearance		0.05
Total ICU				0.48		0.83

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	280	0.16	226	0.12*
NBT	0.5	1700	327	0.19*	168	0.12
NBR	F		36		173	
SBL	1	1700	13	0.01*	56	0.03
SBT	1	1700	17	0.01	178	0.10*
SBR	1	1700	34	0.02	230	0.14
EBL	1	1700	184	0.11*	326	0.19*
EBT	1	1700	79	0.05	298	0.18
EBR	F		314		625	
WBL	1	1700	23	0.01	125	0.07
WBT	2	1700	37	0.02*	269	0.09*
WBR	0	1700	42	0.02	42	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.38		0.55

358 - ICD @ Entertainment Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	3	5100	2057	0.40*	1594	0.31
NBR	F		489		1251	
SBL	1	1700	5	0.00*	46	0.03
SBT	3	5100	897	0.18	1881	0.37*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	124	0.04*	457	0.13*
WBT	0		0		0	
WBR	F		252		267	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.49		0.55

359 - ICD @ I-405 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1577	0.23*	2223	0.33
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	809	0.16	1835	0.36*
SBR	F		0		0	
EBL	3	5100	983	0.19*	628	0.12*
EBT	0		0		0	
EBR	F		884		724	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.47 0.53

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	80	0.06*	269	0.13
NBT	1	1700	165	0.06	218	0.13*
NBR	1.5	2550	132	0.06	394	0.13
SBL	1	1700	95	0.06	201	0.12*
SBT	2	3400	365	0.11*	177	0.05
SBR	D	1700	372	0.22	237	0.14
EBL	2	3400	418	0.12*	323	0.10
EBT	3	5100	749	0.15	1130	0.22*
EBR	D	1700	218	0.13	133	0.08
WBL	2	3400	533	0.16	261	0.08*
WBT	3	5100	936	0.18*	986	0.19
WBR	D	1700	60	0.04	34	0.02

Adjustment SBR 0.02
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.54 0.60

362 - Bake Pkwy. @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	191	0.06	163	0.05
NBT	3	5100	1561	0.34*	1257	0.37*
NBR	0		158		774	0.46
SBL	1	1700	100	0.06*	269	0.16*
SBT	3	5100	973	0.19	1295	0.25
SBR	1	1700	107	0.06	142	0.08
EBL	2	3400	123	0.04	129	0.04
EBT	2.5	4250	276	0.06*	786	0.16*
EBR	1.5	2550	156	0.06	270	0.16
WBL	2	3400	656	0.19*	436	0.13*
WBT	4	6800	622	0.09	395	0.06
WBR	D	1700	198	0.12	158	0.09

Adjustment
Overlaps Clearance 0.05

Total ICU 0.70 0.87

363 - Bake Pkwy. @ Toledo Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	352	0.21*	101	0.06
NBT	3	5100	1882	0.37	1988	0.39*
NBR	D	1700	59	0.03	414	0.24
SBL	1	1700	69	0.04	75	0.04*
SBT	3	5100	1616	0.32*	1892	0.37
SBR	D	1700	123	0.07	36	0.02
EBL	2	3400	38	0.01*	130	0.04
EBT	2	3400	42	0.01	265	0.08*
EBR	1	1700	66	0.04	232	0.14
WBL	2	3400	333	0.10	56	0.02*
WBT	2	3400	261	0.10*	50	0.03
WBR	0		81		88	0.05

Adjustment EBR 0.01
Overlaps Clearance 0.05

Total ICU 0.69 0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	514	0.15	71	0.02
NBT	3	5100	2146	0.42*	2349	0.46*
NBR	D	1700	88	0.05	516	0.30
SBL	1	1700	76	0.04*	121	0.07*
SBT	4	6800	1861	0.29	1991	0.30
SBR	0		87		20	
EBL	2	3400	11	0.00	82	0.02
EBT	2	3400	71	0.02*	496	0.15*
EBR	1	1700	109	0.06	445	0.26
WBL	1	1700	391	0.23*	234	0.14*
WBT	3	5100	584	0.13	139	0.04
WBR	0		91		97	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.76 0.87

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	313	0.09*	83	0.02
NBT	4	6800	2605	0.38	2794	0.41*
NBR	F		162		385	
SBL	2	3400	53	0.02	201	0.06*
SBT	4	6800	2340	0.34*	2460	0.36
SBR	F		99		43	
EBL	2	3400	13	0.00*	191	0.06
EBT	2	3400	91	0.03	702	0.21*
EBR	F		140		269	
WBL	2	3400	314	0.09	165	0.05*
WBT	2	3400	440	0.13*	172	0.05
WBR	F		81		109	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.61 0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	205	0.06*	85	0.03
NBT	4	6800	2784	0.41	3374	0.50*
NBR	F		673		624	
SBL	2	3400	84	0.02	44	0.01*
SBT	4	6800	3000	0.44*	2755	0.41
SBR	1	1700	8	0.00	1	0.00
EBL	1	1700	1	0.00	3	0.00
EBT	2	3400	20	0.01*	18	0.01*
EBR	F		48		442	
WBL	3	5100	288	0.06*	885	0.17*
WBT	1	1700	62	0.04	17	0.01
WBR	D	1700	106	0.06	37	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.74

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3383	0.50*	3160	0.46*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	899	0.18	1928	0.38
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	166	0.10*	91	0.05*
WBT	0		0		0	
WBR	3	5100	996	0.20	560	0.11
Adjustment			WBR	0.10	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.75		0.62

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	787	0.15*	1255	0.25*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	723	0.14	1036	0.20
SBR	F		0		0	
EBL	3	5100	3055	0.60*	2697	0.53*
EBT	0		0		0	
EBR	1	1700	559	0.33	170	0.10
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.80		0.83

371 - Bake Pkwy. @ Research Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	24	0.01	4	0.00
NBT	3	5100	435	0.09*	401	0.08*
NBR	D	1700	26	0.02	12	0.01
SBL	2	3400	368	0.11*	222	0.07*
SBT	3	5100	454	0.09	629	0.12
SBR	1	1700	483	0.28	330	0.19
EBL	2	3400	122	0.04*	417	0.12*
EBT	2	3400	101	0.03	146	0.04
EBR	D	1700	20	0.01	26	0.02
WBL	1	1700	13	0.01	13	0.01
WBT	1	1700	115	0.07*	116	0.07*
WBR	2	3400	292	0.09	619	0.18
Adjustment			SBR	0.06	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.42		0.45

372 - Bake Pkwy. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	99	0.03	149	0.04
NBT	3	5100	244	0.05*	150	0.03*
NBR	D	1700	65	0.04	38	0.02
SBL	2	3400	212	0.06*	374	0.11*
SBT	3	5100	216	0.04	253	0.05
SBR	D	1700	18	0.01	31	0.02
EBL	2	3400	20	0.01	20	0.01
EBT	3	5100	916	0.18*	1277	0.25*
EBR	F		153		183	
WBL	2	3400	47	0.01*	112	0.03*
WBT	4	6800	888	0.13	1033	0.15
WBR	D	1700	223	0.13	257	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.35		0.47

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	170	0.05*	265	0.08
NBT	2	3400	625	0.18	1001	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	667	0.20*	637	0.19
SBR	1	1700	88	0.05	145	0.09
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.30		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	43	0.03	177	0.10
NBT	2	3400	160	0.05*	257	0.08*
NBR	D	1700	119	0.07	185	0.11
SBL	1	1700	171	0.10*	131	0.08*
SBT	2	3400	258	0.08	161	0.05
SBR	D	1700	9	0.01	45	0.03
EBL	2	3400	61	0.02*	41	0.01
EBT	3	5100	777	0.15	1559	0.31*
EBR	D	1700	123	0.07	119	0.07
WBL	2	3400	233	0.07	136	0.04*
WBT	3	5100	1479	0.29*	1077	0.21
WBR	D	1700	237	0.14	153	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.56

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0	*	0	
NBT	2	3400	657	0.19	1159	0.34*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	729	0.21*	557	0.16
SBR	0		0		0	
EBL	2	3400	131	0.04*	114	0.03*
EBT	0		0		0	
EBR	1	1700	317	0.19	179	0.11
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.15		
Overlaps				Clearance		0.05
Total ICU				0.45		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	208	0.06*	336	0.10*
NBT	3	5100	788	0.15	1098	0.22
NBR	1	1700	123	0.07	336	0.20
SBL	2	3400	224	0.07	307	0.09
SBT	3	5100	1113	0.25*	1011	0.23*
SBR	0		148		144	
EBL	2	3400	170	0.05	529	0.16*
EBT	3	5100	574	0.11*	1061	0.21
EBR	1	1700	300	0.18	162	0.10
WBL	2	3400	442	0.13*	191	0.06
WBT	3	5100	863	0.17	576	0.11*
WBR	1	1700	369	0.22	280	0.16
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.62		0.65

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	74	0.04*	96	0.06
NBT	3	5100	1100	0.22	1726	0.34*
NBR	D	1700	78	0.05	181	0.11
SBL	1	1700	45	0.03	37	0.02*
SBT	3	5100	1594	0.31*	1314	0.26
SBR	D	1700	69	0.04	18	0.01
EBL	1	1700	27	0.02	93	0.05
EBT	2	1700	88	0.05*	341	0.13*
EBR	0	1700	93	0.05	94	
WBL	1	1700	143	0.08*	62	0.04*
WBT	2	3400	301	0.11	82	0.03
WBR	0		68		26	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.58

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	94	0.06*	112	0.07
NBT	3	5100	801	0.16	1520	0.30*
NBR	1	1700	141	0.08	281	0.17
SBL	2	3400	199	0.06	169	0.05*
SBT	3	5100	1279	0.25*	1090	0.21
SBR	1	1700	274	0.16	166	0.10
EBL	1	1700	89	0.05	216	0.13
EBT	2	3400	192	0.06*	648	0.19*
EBR	1	1700	94	0.06	84	0.05
WBL	1	1700	339	0.20*	45	0.03*
WBT	2	3400	681	0.20	200	0.06
WBR	1	1700	371	0.22	54	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.62

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	2	3400	68	0.02*	60	0.02
NBT	4	6800	844	0.14	1712	0.30*
NBR	0		130		326	
SBL	2	3400	139	0.04	159	0.05*
SBT	3	5100	1362	0.27*	1135	0.22
SBR	1	1700	189	0.11	73	0.04
EBL	2	3400	67	0.02*	273	0.08
EBT	2	3400	171	0.05	845	0.25*
EBR	1	1700	41	0.02	121	0.07
WBL	2	3400	297	0.09	168	0.05*
WBT	2	3400	629	0.19*	296	0.09
WBR	1	1700	177	0.10	102	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.55		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	519	0.15*	351	0.10
NBT	3	5100	948	0.19	1878	0.37*
NBR	1	1700	146	0.09	512	0.30
SBL	2	3400	97	0.03	207	0.06*
SBT	4	6800	1453	0.23*	1252	0.20
SBR	0		124		128	
EBL	2	3400	43	0.01*	194	0.06*
EBT	2	3400	138	0.04	400	0.12
EBR	2	3400	312	0.09	470	0.14
WBL	3	5100	431	0.08	473	0.09
WBT	2	3400	378	0.15*	322	0.16*
WBR	0		123		218	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.59 — 0.70

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2325	0.46*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1221	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	195	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	474	0.14

Adjustment — WBR 0.08
Overlaps — Clearance 0.05

Total ICU — 0.43 — 0.65

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	746	0.12	1331	0.22*
NBR	0		68		132	
SBL	2	3400	364	0.11	514	0.15*
SBT	3	5100	1285	0.25*	843	0.17
SBR	F		0		0	
EBL	3	5100	650	0.13	1706	0.33
EBT	0.5	850	339	0.31*	592	0.35*
EBR	1.5	2550	701	0.31	275	0.16
WBL	2	3400	185	0.05*	128	0.04*
WBT	0		0		0	
WBR	2	3400	163	0.05	320	0.09

Adjustment
Overlaps — W — Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU — 0.66 — 0.81

385 - Lake Forest Dr. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01	32	0.01
NBT	3	5100	269	0.05*	486	0.10*
NBR	1	1700	95	0.06	445	0.26
SBL	2	3400	654	0.19*	781	0.23*
SBT	3	5100	705	0.14	335	0.07
SBR	F		137		99	
EBL	2	3400	70	0.02	186	0.05
EBT	3	5100	594	0.12*	1447	0.28*
EBR	D	1700	21	0.01	17	0.01
WBL	2	3400	494	0.15*	185	0.05*
WBT	3	5100	1129	0.22	704	0.14
WBR	1	1700	375	0.22	230	0.14

Adjustment — NBR 0.12
Overlaps — Clearance 0.05

Total ICU — 0.56 — 0.83

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	106	0.06*	169	0.10
NBT	2	3400	151	0.04	238	0.07*
NBR	D	1700	106	0.06	255	0.15
SBL	1	1700	115	0.07	160	0.09*
SBT	2	3400	249	0.07*	215	0.06
SBR	D	1700	100	0.06	65	0.04
EBL	1	1700	35	0.02*	37	0.02
EBT	2	3400	351	0.10	1173	0.35*
EBR	1	1700	43	0.03	51	0.03
WBL	1	1700	105	0.06	116	0.07*
WBT	2	3400	891	0.26*	440	0.13
WBR	1	1700	102	0.06	61	0.04

Adjustment — NBR 0.03
Overlaps — Clearance 0.05

Total ICU — 0.46 — 0.66

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	753	0.22*	630	0.21*
NBT	1.5	1700	315	0.19	437	0.21
NBR	1	1700	401	0.24	544	0.32
SBL	1.5	1700	2	0.00	57	0.03
SBT	1.5	3400	385	0.11*	269	0.08*
SBR	D	1700	4	0.00	62	0.04
EBL	1	1700	2	0.00	169	0.10
EBT	2	1700	9	0.01*	547	0.32*
EBR	0	1700	318	0.19	665	0.39
WBL	1	1700	584	0.34*	176	0.10*
WBT	2	3400	23	0.01	214	0.08
WBR	0		3		67	

Adjustment — EBR 0.01
Overlaps — Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU — 0.74 — 0.76

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		48	0.03
NBT	2	3400	327	0.10*	397	0.12*
NBR	1	1700	0		215	0.13
SBL	2	3400	592	0.17*	795	0.23*
SBT	2	3400	395	0.20	178	0.10
SBR	0		295		178	0.10
EBL	1	1700	505	0.30*	951	0.56*
EBT	2	3400	0		515	0.19
EBR	0		0		116	
WBL	1	1700	0		58	0.03
WBT	2	1700	0	*	58	0.03*
WBR	0	1700	645	0.38	481	0.28
Adjustment			WBR	0.25	WBR	0.08
Overlaps					Clearance	0.05
Total ICU				0.87		1.07

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	107	0.06
NBT	2	3400	150	0.04*	222	0.07*
NBR	1	1700	89	0.05	99	0.06
SBL	2	3400	166	0.05*	250	0.07*
SBT	2	3400	142	0.04	134	0.04
SBR	1	1700	52	0.03	55	0.03
EBL	2	3400	38	0.01*	88	0.03
EBT	4	6800	940	0.16	2229	0.34*
EBR	0		165		88	
WBL	2	3400	100	0.03	87	0.03*
WBT	4	6800	1917	0.28*	937	0.14
WBR	1	1700	194	0.11	192	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.56

390 - Paseo de Valencia @ Avenida Carlota
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	259	0.08*
NBT	1	1700	35	0.02	101	0.06
NBR	1	1700	20	0.01	76	0.04
SBL	2.5	3400	767	0.23	777	0.18
SBT	1.5	3400	759	0.25*	373	0.18*
SBR	0		79		57	
EBL	2	3400	321	0.09*	458	0.13*
EBT	2	3400	247	0.07	611	0.18
EBR	1	1700	87	0.05	360	0.21
WBL	1	1700	7	0.00	17	0.01
WBT	2	3400	414	0.12*	347	0.10*
WBR	1	1700	499	0.29	495	0.29
Adjustment						
Overlaps			N W		Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.56		0.54

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	153	0.08*	158	0.06*
NBT	0		0		0	
NBR	1.5	2550	277	0.08	169	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	942	0.18	2490	0.49*
EBR	1	1700	150	0.09	132	0.08
WBL	1	1700	181	0.11	211	0.12*
WBT	3	5100	2137	0.42*	1018	0.20
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.72

392 - El Toro Rd. @ Muirlands Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	77	0.02*	205	0.06
NBT	4	6800	945	0.15	1654	0.29*
NBR	0		89		325	
SBL	2	3400	292	0.09	224	0.07*
SBT	4	6800	1543	0.29*	1223	0.20
SBR	0		442		136	
EBL	2	3400	244	0.07*	288	0.08
EBT	2	3400	257	0.08	870	0.26*
EBR	1	1700	120	0.07	320	0.19
WBL	2	3400	326	0.10	318	0.09*
WBT	2	3400	677	0.20*	316	0.09
WBR	1	1700	347	0.20	202	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.63		0.76

393 - El Toro Rd. @ Rockfield Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	346	0.10*	430	0.13*
NBT	4	6800	910	0.13	1686	0.25
NBR	D	1700	150	0.09	234	0.14
SBL	2	3400	192	0.06	207	0.06
SBT	4	6800	1673	0.26*	1470	0.23*
SBR	0		83		118	
EBL	2	3400	94	0.03	393	0.12
EBT	2	3400	213	0.06*	517	0.15*
EBR	F		160		184	
WBL	2	3400	370	0.11*	280	0.08*
WBT	2	3400	297	0.09	231	0.07
WBR	1	1700	173	0.10	145	0.09
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.64

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	3400	835	0.25	1621	0.40*
NBR	1.5	3400	878	0.26	1113	0.40
SBL	0		0		0	*
SBT	5	8500	2244	0.26*	2046	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	595	0.23*	503	0.26*
WBT	0		0		0	
WBR	1.5	2550	596	0.23	847	0.26

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.54 0.71

396 - El Toro Rd. @ Avenida Carlota
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		4		2	
NBT	4	6800	1316	0.19*	2044	0.30*
NBR	D	1700	63	0.04	154	0.09
SBL	2	3400	72	0.02*	229	0.07*
SBT	3	5100	836	0.16	978	0.19
SBR	1	1700	798	0.47	671	0.39
EBL	3	5100	546	0.11*	678	0.13
EBT	2	3400	232	0.07	648	0.19*
EBR	1	1700	179	0.11	143	0.08
WBL	0.5	850	44	0.06	62	0.06*
WBT	1.5	2550	171	0.06*	134	0.06
WBR	2	3400	205	0.06	460	0.14

Adjustment SBR 0.15
Overlaps S W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.58 0.67

397 - El Toro Rd. @ Paseo de Valencia
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02	186	0.05
NBT	3	5100	737	0.14*	1082	0.21*
NBR	1	1700	225	0.13	334	0.20
SBL	2	3400	287	0.08*	251	0.07*
SBT	3	5100	535	0.11	677	0.14
SBR	0		8		21	
EBL	1	1700	17	0.01	35	0.02
EBT	2	3400	539	0.16*	484	0.14*
EBR	1	1700	248	0.15	188	0.11
WBL	2	3400	358	0.11*	402	0.12*
WBT	2	3400	150	0.04	207	0.06
WBR	1	1700	362	0.21	442	0.26

Adjustment
Overlaps N E W Clearance 0.05

Total ICU 0.54 0.59

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	388	0.11*	277	0.08
NBT	3	5100	636	0.12	897	0.18*
NBR	1	1700	146	0.09	214	0.13
SBL	2	3400	283	0.08	288	0.08*
SBT	3	5100	633	0.12*	634	0.12
SBR	1	1700	213	0.13	229	0.13
EBL	2	3400	237	0.07*	360	0.11
EBT	3	5100	701	0.14	2086	0.41*
EBR	1	1700	241	0.14	452	0.27
WBL	2	3400	269	0.08	212	0.06*
WBT	3	5100	1841	0.36*	888	0.17
WBR	1	1700	324	0.19	361	0.21

Adjustment
Overlaps E Clearance 0.05

Total ICU 0.71 0.78

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	609	0.12*	725	0.14*
NBR	F		901		1285	
SBL	1	1700	57	0.03*	160	0.09*
SBT	3	5100	680	0.13	555	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1299	0.38*	1052	0.31*
WBT	0		0		0	
WBR	1	1700	109	0.06	88	0.05

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.59

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1407	0.41*	2043	0.60*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	1.5	1700	656	0.39	695	0.33
SBR	1.5	3400	1509	0.44	983	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	139	0.04	135	0.04
WBT	2	3400	623	0.18*	244	0.07*
WBR	1	1700	49	0.03	2	0.00

Adjustment SBR 0.03
Overlaps Clearance 0.05

Total ICU 0.67 0.72

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	2	3400	692	0.20	723	0.21
NBR	1	1700	140	0.08	107	0.06
SBL	1	1700	4	0.00	21	0.01
SBT	2	3400	784	0.23*	823	0.24*
SBR	0		0		0	
EBL	1.5	3400	741	0.22*	1358	0.40*
EBT	1.5	1700	116	0.07	293	0.17
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.69

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	541	0.16*	900	0.26*
NBT	0		0		0	
NBR	1.5	1700	40	0.02	79	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	738	0.22*	847	0.25*
EBR	F		350		239	
WBL	1	1700	254	0.15*	198	0.12*
WBT	2	3400	478	0.14	403	0.12
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.68

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	*
NBT	0		0		0	
NBR	1	1700	18	0.01	49	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0	*	0	*
EBT	1	1700	0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	1	1700	61	0.04*	25	0.01*
WBR	1	1700	0		0	
Adjustment						NBR 0.02
Overlaps						Clearance 0.05
Total ICU				0.09		0.08

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	1	1700	0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	62	0.04*	25	0.01*
WBT	0		0		0	
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.09		0.06

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	736	0.43*	422	0.25*
NBT	2	3400	688	0.20	140	0.04
NBR	D	1700	55	0.03	21	0.01
SBL	1	1700	5	0.00	16	0.01
SBT	2	3400	104	0.03*	468	0.14*
SBR	D	1700	72	0.04	321	0.19
EBL	1	1700	217	0.13*	54	0.03*
EBT	2	3400	17	0.01	8	0.00
EBR	D	1700	336	0.20	238	0.14
WBL	1	1700	11	0.01	71	0.04
WBT	2	3400	8	0.00*	49	0.01*
WBR	D	1700	7	0.00	16	0.01
Adjustment						SBR 0.03
Overlaps						Clearance 0.05
Total ICU				0.64		0.51

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	2581	0.38*	1884	0.28
NBR	1	1700	170	0.10	176	0.10
SBL	3	5100	504	0.10*	680	0.13
SBT	3	5100	1538	0.30	2216	0.43*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	188	0.06*	186	0.05*
WBT	0		0		0	
WBR	F		1276		1093	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.53

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	80	0.05
NBT	2	3400	930	0.27	1167	0.34*
NBR	D	1700	545	0.32	192	0.11
SBL	1	1700	38	0.02	10	0.01*
SBT	2	3400	1056	0.31*	847	0.25
SBR	D	1700	135	0.08	140	0.08
EBL	1	1700	105	0.06	100	0.06*
EBT	2	3400	302	0.10*	109	0.06
EBR	0		48		95	
WBL	2	3400	125	0.04*	524	0.15
WBT	1	1700	78	0.05	404	0.25*
WBR	0		6		17	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.54 0.71

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	192	0.06*	121	0.04*
SBT	0		0		0	
SBR	2	3400	99	0.03	454	0.13
EBL	2	3400	87	0.03*	110	0.03*
EBT	2	3400	340	0.10	779	0.23
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	827	0.24*	971	0.29*
WBR	D	1700	51	0.03	39	0.02

Adjustment SBR 0.07
Overlaps Clearance 0.05

Total ICU 0.38 0.48

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	205	0.12*	171	0.10*
NBT	0		0		0	
NBR	1	1700	259	0.15	232	0.14
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	661	0.13	1539	0.30*
EBR	D	1700	294	0.17	154	0.09
WBL	1	1700	190	0.11	141	0.08*
WBT	3	5100	1433	0.28*	874	0.17
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.53

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03*	33	0.02
NBT	2	3400	274	0.12	339	0.13*
NBR	0		129		89	
SBL	1	1700	105	0.06	84	0.05*
SBT	2	3400	465	0.16*	247	0.08
SBR	0		88		31	
EBL	1	1700	34	0.02	45	0.03
EBT	2	3400	145	0.05*	426	0.13*
EBR	0		40		26	
WBL	1	1700	231	0.14*	30	0.02*
WBT	2	3400	281	0.10	93	0.04
WBR	0		57		36	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.43 0.38

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	103	0.06*	38	0.02
NBT	2	3400	259	0.08	323	0.10*
NBR	D	1700	109	0.06	67	0.04
SBL	1	1700	138	0.08	38	0.02*
SBT	2	3400	340	0.10*	228	0.07
SBR	D	1700	332	0.20	40	0.02
EBL	1	1700	119	0.07*	121	0.07
EBT	2	3400	323	0.13	1058	0.34*
EBR	0		124		85	
WBL	1	1700	68	0.04	74	0.04*
WBT	2	3400	871	0.28*	330	0.12
WBR	0		66		85	

Adjustment SBR 0.05
Overlaps Clearance 0.05

Total ICU 0.61 0.55

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	81	0.05	119	0.07
NBT	2	1700	21	0.01*	40	0.02*
NBR	0	1700	59	0.03	95	0.06
SBL	2	3400	339	0.10*	311	0.09*
SBT	2	3400	68	0.02	35	0.01
SBR	F		954		514	
EBL	2	3400	313	0.09*	1151	0.34*
EBT	3	5100	616	0.12	1343	0.26
EBR	1	1700	116	0.07	99	0.06
WBL	2	3400	133	0.04	56	0.02
WBT	3	5100	1446	0.28*	692	0.14*
WBR	1	1700	313	0.18	285	0.17

Adjustment
Overlaps W Clearance 0.05

Total ICU 0.53 0.64

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	395	0.12	161	0.05
NBT	3	5100	1212	0.24*	845	0.17*
NBR	F		86		318	
SBL	2	3400	163	0.05*	432	0.13*
SBT	3	5100	680	0.13	1238	0.24
SBR	F		198		106	
EBL	1	1700	119	0.07*	104	0.06*
EBT	0		0		0	
EBR	F		146		354	
WBL	2	3400	224	0.07	134	0.04
WBT	0		0	*	0	*
WBR	F		497		155	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.41

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	347	0.10*	295	0.09*
NBT	3	5100	198	0.04	601	0.12
NBR	F		359		625	
SBL	1	1700	29	0.02	11	0.01
SBT	3	5100	714	0.14*	213	0.04*
SBR	2	3400	461	0.14	160	0.05
EBL	2	3400	80	0.02	388	0.11
EBT	3	5100	725	0.14*	1592	0.31*
EBR	1	1700	230	0.14	450	0.26
WBL	2	3400	479	0.14*	435	0.13*
WBT	4	6800	1619	0.24	904	0.13
WBR	D	1700	26	0.02	52	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

418 - El Toro Rd. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	264	0.08*	432	0.13*
NBT	4	6800	662	0.10	1376	0.20
NBR	1	1700	183	0.11	438	0.26
SBL	2	3400	193	0.06	238	0.07
SBT	4	6800	1764	0.30*	1016	0.17*
SBR	0		282		154	
EBL	2	3400	172	0.05*	334	0.10
EBT	3	3400	372	0.11	946	0.25*
EBR	0	1700	306	0.18	305	
WBL	2	3400	400	0.12	184	0.05*
WBT	3	5100	904	0.18*	427	0.08
WBR	1	1700	195	0.11	174	0.10
Adjustment				EBR 0.01		
Overlaps		N		Clearance		0.05
Total ICU				0.67		0.65

419 - El Toro Rd. @ Toledo Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	206	0.12*	27	0.02
NBT	4	6800	1159	0.17	1871	0.28*
NBR	0		13		17	
SBL	1	1700	1	0.00	4	0.00*
SBT	4	6800	1982	0.34*	1426	0.22
SBR	0		333		63	
EBL	1.5	2550	83	0.03*	373	0.12*
EBT	0.5	850	4	0.03	19	0.12
EBR	1	1700	197	0.12	39	0.02
WBL	0		35		12	
WBT	1	1700	12	0.03*	4	0.01*
WBR	0		2		4	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.57		0.46

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	120	0.07*	124	0.07
NBT	4	6800	1054	0.20	1511	0.28*
NBR	0		299		362	
SBL	2	3400	282	0.08	274	0.08*
SBT	4	6800	1768	0.30*	1172	0.19
SBR	0		261		90	
EBL	1	1700	150	0.09*	173	0.10
EBT	2	3400	273	0.08	782	0.23*
EBR	1	1700	200	0.12	153	0.09
WBL	2	3400	454	0.13	267	0.08*
WBT	2	3400	567	0.17*	333	0.10
WBR	1	1700	280	0.16	256	0.15
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.72

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	247	0.15*	224	0.13
NBT	3	5100	448	0.09	1040	0.20*
NBR	D	1700	109	0.06	304	0.18
SBL	1	1700	135	0.08	148	0.09*
SBT	3	5100	1053	0.21*	535	0.10
SBR	D	1700	309	0.18	88	0.05
EBL	1	1700	139	0.08*	281	0.17*
EBT	2	3400	441	0.13	697	0.21
EBR	D	1700	276	0.16	202	0.12
WBL	1	1700	277	0.16	150	0.09
WBT	2	3400	772	0.23*	446	0.13*
WBR	D	1700	170	0.10	151	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.64

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	181	0.11*	196	0.12
NBT	3	5100	653	0.13	1296	0.25*
NBR	1	1700	162	0.10	286	0.17
SBL	1	1700	236	0.14	148	0.09*
SBT	3	5100	1275	0.25*	656	0.13
SBR	1	1700	373	0.22	185	0.11
EBL	2	3400	200	0.06*	436	0.13
EBT	2	3400	520	0.15	809	0.24*
EBR	1	1700	166	0.10	264	0.16
WBL	2	3400	223	0.07	229	0.07*
WBT	2	3400	687	0.20*	507	0.15
WBR	1	1700	112	0.07	194	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.67 0.70

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	224	0.07*	170	0.05*
NBT	2	3400	589	0.17	408	0.12
NBR	1	1700	133	0.08	163	0.10
SBL	2	3400	117	0.03	338	0.10
SBT	2	3400	456	0.19*	698	0.28*
SBR	0		179		251	
EBL	2	3400	204	0.06*	173	0.05
EBT	3	5100	669	0.13	1207	0.24*
EBR	1	1700	265	0.16	241	0.14
WBL	2	3400	220	0.06	138	0.04*
WBT	3	5100	1040	0.20*	771	0.15
WBR	D	1700	330	0.19	182	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.57 0.66

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	234	0.07*	185	0.05
NBT	2	3400	803	0.24	1209	0.36*
NBR	0		3		4	
SBL	1	1700	13	0.01	18	0.01*
SBT	2	3400	897	0.26*	978	0.29
SBR	1	1700	473	0.28	292	0.17
EBL	1.5	2550	272	0.09*	391	0.13*
EBT	0.5	850	19	0.09	37	0.13
EBR	1	1700	222	0.13	358	0.21
WBL	0		6		12	
WBT	1	1700	52	0.03*	19	0.02*
WBR	D	1700	46	0.03	24	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.50 0.57

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	208	0.06*	163	0.05*
NBT	3	5100	857	0.17	971	0.19
NBR	0		3		1	
SBL	1	1700	8	0.00	7	0.00
SBT	3	5100	924	0.18*	1135	0.22*
SBR	D	1700	295	0.17	180	0.11
EBL	1.5	2550	135	0.04*	453	0.14*
EBT	0.5	850	3	0.04	15	0.14
EBR	1	1700	67	0.04	398	0.23
WBL	0		4		7	
WBT	1	1700	8	0.01*	2	0.01*
WBR	D	1700	8	0.00	13	0.01

Adjustment EBR 0.04
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.34 0.51

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	631	0.12*	1315	0.26*
SBT	0		0		0	
SBR	1	1700	408	0.24	221	0.13
EBL	2	3400	111	0.03*	220	0.06
EBT	2	3400	382	0.11	975	0.29*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	982	0.29*	429	0.13
WBR	2	3400	829	0.24	902	0.27

Adjustment SBR 0.09
Overlaps S W Clearance 0.05

Total ICU 0.58 0.60

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	161	0.05	332	0.10*
NBT	3	5100	1734	0.34*	1054	0.21
NBR	D	1700	10	0.01	32	0.02
SBL	1	1700	8	0.00*	29	0.02
SBT	3	5100	738	0.14	1888	0.37*
SBR	1	1700	330	0.19	498	0.29
EBL	1.5	2550	492	0.14*	337	0.10*
EBT	0.5	850	1	0.14	8	0.10
EBR	1	1700	256	0.15	318	0.19
WBL	0		40		24	
WBT	1	1700	8	0.03*	4	0.02*
WBR	D	1700	31	0.02	18	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.56 0.64

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	732	0.22*	649	0.19*
NBT	0.5	850	14	0.22	12	0.19
NBR	1	1700	427	0.25	486	0.29
SBL	1	1700	112	0.07	51	0.03
SBT	1	1700	25	0.08*	25	0.04*
SBR	0		107		44	
EBL	1	1700	26	0.02	80	0.05
EBT	3	5100	445	0.09*	1322	0.26*
EBR	1	1700	575	0.34	966	0.57
WBL	2	3400	367	0.11*	345	0.10*
WBT	3	5100	837	0.18	541	0.12
WBR	0		63		82	

Adjustment EBR 0.08 Multi 0.18
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.63 0.82

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	470	0.14	232	0.07*
NBT	4	6800	1368	0.20*	844	0.12
NBR	1	1700	183	0.11	117	0.07
SBL	2	3400	212	0.06*	212	0.06
SBT	3	5100	569	0.11	1577	0.31*
SBR	1	1700	196	0.12	430	0.25
EBL	2	3400	346	0.10*	259	0.08*
EBT	3	5100	612	0.12	786	0.15
EBR	F		316		371	
WBL	1	1700	73	0.04	192	0.11
WBT	2	3400	772	0.23*	748	0.22*
WBR	1	1700	157	0.09	333	0.20

Adjustment
Overlaps Clearance 0.05

Total ICU 0.64 0.73

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	176	0.05	121	0.04
NBT	2	3400	459	0.14*	357	0.11*
NBR	D	1700	69	0.04	65	0.04
SBL	2	3400	169	0.05*	519	0.15*
SBT	2	3400	315	0.09	451	0.13
SBR	1	1700	159	0.09	167	0.10
EBL	1	1700	237	0.14*	153	0.09
EBT	3	5100	954	0.19	1553	0.30*
EBR	D	1700	73	0.04	120	0.07
WBL	1	1700	130	0.08	53	0.03*
WBT	3	5100	1765	0.35*	968	0.19
WBR	1	1700	400	0.24	193	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.73 0.64

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	529	0.16*	239	0.07*
NBT	2	3400	769	0.23	339	0.10
NBR	1	1700	166	0.10	81	0.05
SBL	2	3400	78	0.02	162	0.05
SBT	2	3400	410	0.12*	768	0.23*
SBR	1	1700	181	0.11	451	0.27
EBL	2	3400	363	0.11*	245	0.07
EBT	3	5100	1344	0.26	1820	0.36*
EBR	1	1700	211	0.12	435	0.26
WBL	2	3400	184	0.05	120	0.04*
WBT	3	5100	1964	0.39*	1348	0.26
WBR	1	1700	173	0.10	110	0.06

Adjustment
Overlaps Clearance 0.05

Total ICU 0.83 0.75

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	217	0.06*	313	0.09
NBT	3	5100	1981	0.39	2331	0.46*
NBR	1	1700	95	0.06	134	0.08
SBL	2	3400	126	0.04	121	0.04*
SBT	4	6800	2497	0.39*	2104	0.32
SBR	0		125		100	
EBL	2	3400	84	0.02*	131	0.04
EBT	2	3400	395	0.12	446	0.13*
EBR	1	1700	480	0.28	449	0.26
WBL	2	3400	155	0.05	87	0.03*
WBT	2	3400	500	0.15*	355	0.10
WBR	1	1700	287	0.17	181	0.11

Adjustment EBR 0.10
Overlaps E Clearance 0.05

Total ICU 0.77 0.71

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	184	0.11*	295	0.17*
NBT	0		0		0	
NBR	1.5	3400	372	0.11	675	0.20
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2094	0.41*	2410	0.47*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1690	0.33	1626	0.32
WBR	F		0		0	

Adjustment NBR 0.03
Overlaps Clearance 0.05

Total ICU 0.57 0.72

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1227	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	897	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2335	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1041	0.20	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	296	0.09	311	0.09
NBT	3	5100	1680	0.34*	1525	0.31*
NBR	0		60		64	
SBL	1	1700	72	0.04*	137	0.08*
SBT	3	5100	1329	0.26	1397	0.27
SBR	1	1700	427	0.25	386	0.23
EBL	2	3400	420	0.12*	532	0.16*
EBT	2	3400	249	0.07	558	0.16
EBR	2	3400	236	0.07	599	0.18
WBL	2	3400	99	0.03	100	0.03
WBT	3	5100	526	0.10*	262	0.05*
WBR	1	1700	85	0.05	62	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.65

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	40	0.01	77	0.02*
NBT	4	6800	1321	0.19*	755	0.11
NBR	F		475		358	
SBL	2	3400	165	0.05*	219	0.06
SBT	3	5100	666	0.13	1258	0.25*
SBR	1	1700	239	0.14	644	0.38
EBL	2	3400	432	0.13*	357	0.11*
EBT	3	5100	1267	0.25	1186	0.23
EBR	1	1700	93	0.05	59	0.03
WBL	2	3400	260	0.08	350	0.10
WBT	3	5100	1083	0.21*	1350	0.26*
WBR	1	1700	174	0.10	161	0.09
Adjustment					SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.63		0.74

437 - Scientific Wy. @ ICD
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	65	0.02*
NBT	2	3400	12	0.00	14	0.00
NBR	1	1700	0		1	0.00
SBL	2	3400	1	0.00	2	0.00
SBT	2	3400	7	0.00*	2	0.00*
SBR	1	1700	29	0.02	53	0.03
EBL	1	1700	85	0.05*	62	0.04
EBT	3	5100	642	0.13	1616	0.32*
EBR	1	1700	99	0.06	26	0.02
WBL	1	1700	0		0	*
WBT	3	5100	1102	0.22*	936	0.18
WBR	1	1700	44	0.03	16	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.33		0.39

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	135	0.04*	469	0.14*
NBR	1	1700	45	0.03	98	0.06
SBL	1	1700	6	0.00*	30	0.02*
SBT	2	3400	146	0.04	261	0.08
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	913	0.27*	598	0.18*
WBT	0		0		0	
WBR	1	1700	9	0.01	64	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.39

444 - Sand Canyon Av. @ Burt Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	34	0.01*	27	0.01
NBT	3	5100	664	0.13	1857	0.36*
NBR	D	1700	45	0.03	65	0.04
SBL	1	1700	120	0.07	183	0.11*
SBT	3	5100	2903	0.57*	1247	0.24
SBR	1	1700	90	0.05	73	0.04
EBL	2	3400	103	0.03*	34	0.01
EBT	1	1700	19	0.01	1	0.00*
EBR	1	1700	61	0.04	13	0.01
WBL	1	1700	37	0.02	44	0.03*
WBT	1	1700	8	0.00*	5	0.00
WBR	1	1700	66	0.04	158	0.09
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.68		0.55

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	643	0.19*	1871	0.55*
NBT	1	1700	54	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	134	0.04*
SBR	D	1700	26	0.02	104	0.06
EBL	1	1700	36	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1579	0.46	497	0.15
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.30	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.66

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	7	0.00*	18	0.01*
NBT	0		0		0	
NBR	D	1700	12	0.01	31	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	549	0.16	737	0.22*
EBR	D	1700	15	0.01	10	0.01
WBL	1	1700	47	0.03	15	0.01*
WBT	2	3400	996	0.29*	633	0.19
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.34		0.29

463 - Jamboree Rd. @ Chapman Ave.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03	336	0.10
NBT	2	3400	230	0.07*	942	0.28*
NBR	2	3400	189	0.06	157	0.05
SBL	2	3400	680	0.20*	337	0.10*
SBT	3	5100	878	0.17	311	0.06
SBR	1	1700	29	0.02	73	0.04
EBL	2	3400	37	0.01	41	0.01*
EBT	3	5100	986	0.19*	336	0.07
EBR	1	1700	293	0.17	130	0.08
WBL	2	3400	351	0.10*	286	0.08
WBT	3	5100	509	0.10	1329	0.26*
WBR	2	3400	447	0.13	783	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.61		0.70

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	548	0.32*	122	0.07*
SBT	1	1700	360	0.21	15	0.01
SBR	2	3400	668	0.20	183	0.05
EBL	0		0		0	*
EBT	3	5100	1072	0.21*	780	0.15
EBR	1	1700	704	0.41	95	0.06
WBL	2	3400	394	0.12*	183	0.05
WBT	3	5100	732	0.14	2258	0.44*
WBR	0		0		0	
Adjustment			EBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.82		0.56

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	109	0.03*	704	0.21*
NBT	2	3400	19	0.01	242	0.07
NBR	D	1700	129	0.08	288	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	208	0.12*	417	0.25*
EBT	3	5100	1438	0.28	497	0.10
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1006	0.20*	1774	0.35*
WBR	D	1700	171	0.10	609	0.36
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.42		0.86

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	302	0.09*	963	0.28*
NBT	0		0		0	
NBR	1	1700	40	0.02	69	0.04
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	769	0.23*	604	0.18*
EBR	1.5	3400	882	0.26	786	0.23
WBL	1	1700	159	0.09*	90	0.05*
WBT	3	5100	1036	0.20	964	0.19
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.56

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	97	0.03*	946	0.28*
NBT	3	5100	352	0.07	1759	0.34
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1757	0.34*	391	0.08*
SBR	1	1700	99	0.06	218	0.13
EBL	1	1700	102	0.06*	125	0.07*
EBT	0		0		0	
EBR	2	3400	786	0.23	220	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.63		0.48

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	872	0.17*	1699	0.33*
NBR	D	1700	503	0.30	762	0.45
SBL	1	1700	431	0.25*	243	0.14*
SBT	3	5100	1875	0.37	681	0.13
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	842	0.50*	365	0.21*
WBT	0		0		0	
WBR	1	1700	336	0.20	290	0.17
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.97		0.73

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		37		22	
SBT	1	1700	138	0.10*	1	0.01*
SBR	1	1700	1175	0.69	241	0.14
EBL	0		0		0	
EBT	1	1700	197	0.12*	961	0.57*
EBR	1	1700	737	0.43	44	0.03
WBL	0		0	*	2	*
WBT	1	1700	3	0.00	415	0.25
WBR	0		0		0	
Adjustment			Multi	0.81		
Overlaps					Clearance	0.05
Total ICU				1.08		0.63

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	3	0.00	416	0.24*
NBT	1	1700	17	0.01*	164	0.10
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	234	0.14*	983	0.58*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.20		0.87

477 - El Camino Real N. @ Bryan Ave.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	5	0.00*	110	0.06*
NBT	0		0		0	
NBR	1.5	3400	53	0.02	403	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	422	0.12*	716	0.21
EBR	D	1700	115	0.07	30	0.02
WBL	2	3400	242	0.07*	102	0.03
WBT	2	3400	572	0.17	1313	0.39*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.50

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	8	0.00	103	0.06*
NBT	2	3400	18	0.01*	29	0.01
NBR	D	1700	6	0.00	15	0.01
SBL	2	3400	60	0.02*	71	0.02
SBT	2	3400	37	0.01	13	0.00*
SBR	D	1700	91	0.05	474	0.28
EBL	1	1700	475	0.28*	123	0.07*
EBT	1	1700	145	0.09	65	0.04
EBR	1	1700	90	0.05	12	0.01
WBL	1	1700	26	0.02	8	0.00
WBT	1	1700	63	0.04*	301	0.18*
WBR	2	3400	136	0.04	85	0.03
Adjustment					SBR	0.23
Overlaps					Clearance	0.05
Total ICU				0.40		0.59

482 - Visions @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01*	16	0.01*
NBT	1	1700	0		0	
NBR	1	1700	117	0.07	19	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	471	0.14*	690	0.20*
EBR	1	1700	224	0.13	22	0.01
WBL	1	1700	290	0.17*	20	0.01*
WBT	2	3400	609	0.18	593	0.17
WBR	D	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.37		0.27

483 - Tulip @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	1	1700	58	0.03	27	0.02
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	510	0.15	438	0.13
EBR	D	1700	97	0.06	23	0.01
WBL	1	1700	12	0.01	37	0.02
WBT	2	3400	620	0.18*	671	0.20*
WBR	0		0		0	
Adjustment			NBR	0.01		
Overlaps				Clearance		0.05
Total ICU				0.24		0.25

484 - Sand Canyon Av. @ Roosevelt
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	64	0.02*	111	0.03
NBT	4	6800	692	0.10	2006	0.30*
NBR	D	1700	50	0.03	146	0.09
SBL	2	3400	26	0.01	66	0.02*
SBT	4	6800	1750	0.26*	923	0.14
SBR	D	1700	64	0.04	80	0.05
EBL	2	3400	113	0.03*	70	0.02*
EBT	2	3400	38	0.01	46	0.01
EBR	D	1700	211	0.12	93	0.05
WBL	2	3400	176	0.05	59	0.02
WBT	1	1700	76	0.04*	24	0.01*
WBR	D	1700	51	0.03	60	0.04
Adjustment			EBR	0.08	WBR	0.01
Overlaps				Clearance		0.05
Total ICU				0.48		0.41

485 - Sand Canyon Av. @ Nightmist
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	108	0.03*	251	0.07
NBT	4	6800	727	0.11	2187	0.32*
NBR	D	1700	56	0.03	63	0.04
SBL	1	1700	41	0.02	18	0.01*
SBT	4	6800	2156	0.32*	987	0.15
SBR	D	1700	33	0.02	59	0.03
EBL	2	3400	53	0.02*	40	0.01
EBT	1	1700	27	0.02	6	0.00*
EBR	1	1700	305	0.18	110	0.06
WBL	2	3400	36	0.01	130	0.04*
WBT	1	1700	26	0.02*	6	0.00
WBR	D	1700	40	0.02	50	0.03
Adjustment			EBR	0.13		
Overlaps				Clearance		0.05
Total ICU				0.57		0.42

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	542	0.32*	176	0.10*
SBT	0		0		0	
SBR	2	3400	831	0.24	115	0.03
EBL	0		0		0	
EBT	2	3400	201	0.06*	769	0.23*
EBR	1	1700	919	0.54	514	0.30
WBL	2	3400	1097	0.32*	786	0.23*
WBT	2	3400	368	0.11	769	0.23
WBR	0		0		0	
Adjustment			EBR	0.24		
Overlaps				Clearance		0.05
Total ICU				0.99		0.61

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	461	0.14*	850	0.25*
NBT	0		0		0	
NBR	2	3400	929	0.27	1020	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	695	0.20	520	0.15*
EBR	F		36		408	
WBL	1	1700	115	0.07	657	0.39*
WBT	2	3400	1091	0.32*	696	0.20
WBR	0		0		0	
Adjustment			NBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.55		0.84

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	89	0.03*	204	0.06
NBT	3	5100	583	0.11	1383	0.27*
NBR	1	1700	122	0.07	147	0.09
SBL	2	3400	133	0.04	27	0.01*
SBT	3	5100	1281	0.25*	604	0.12
SBR	1	1700	60	0.04	61	0.04
EBL	1	1700	74	0.04	28	0.02
EBT	2	3400	44	0.01*	32	0.01*
EBR	D	1700	275	0.16	159	0.09
WBL	2	3400	182	0.05*	153	0.05*
WBT	2	3400	48	0.01	67	0.02
WBR	1	1700	36	0.02	159	0.09
Adjustment			EBR	0.13	WBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.52		0.43

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	606	0.18	1095	0.32*
NBR	D	1700	253	0.15	673	0.40
SBL	1	1700	130	0.08	286	0.17*
SBT	2	3400	997	0.29*	676	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	503	0.15*	262	0.08*
WBT	0		0		0	
WBR	2	3400	201	0.06	253	0.07
Adjustment					NBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.49		0.64

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	140	0.08*	203	0.12
NBT	2	3400	558	0.16	984	0.29*
NBR	D	1700	154	0.09	405	0.24
SBL	1	1700	165	0.10	134	0.08*
SBT	2	3400	830	0.24*	581	0.17
SBR	D	1700	80	0.05	55	0.03
EBL	1	1700	25	0.01*	63	0.04
EBT	2	3400	239	0.07	672	0.20*
EBR	1	1700	56	0.03	152	0.09
WBL	2	3400	271	0.08	165	0.05*
WBT	2	3400	620	0.18*	316	0.09
WBR	D	1700	59	0.03	87	0.05
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.67

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	542	0.16*	330	0.10*
NBT	3	5100	1461	0.29	930	0.18
NBR	D	1700	12	0.01	3	0.00
SBL	2	3400	24	0.01	19	0.01
SBT	3	5100	815	0.16*	1445	0.28*
SBR	1	1700	227	0.13	177	0.10
EBL	1.5	2550	115	0.04*	359	0.12*
EBT	0.5	850	12	0.04	32	0.12
EBR	F		249		804	
WBL	1.5	2550	7	0.01	13	0.01
WBT	1	1700	23	0.01*	23	0.01*
WBR	1.5	2550	16	0.01	23	0.01
Adjustment						
Overlaps		S			Clearance	0.05
Note: Assumes E/W Split Phase						
Total ICU				0.42		0.56

518 - Alton Pkwy. @ Commercentre
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	629	0.12	1745	0.34*
NBR	D	1700	344	0.20	254	0.15
SBL	1	1700	185	0.11	58	0.03*
SBT	3	5100	1902	0.37*	858	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	259	0.08*	493	0.15*
WBT	0		0		0	
WBR	1.5	1700	58	0.03	277	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.50		0.57

520 - Keystone @ Trabuco Rd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	194	0.06*	57	0.02*
SBT	0		0		0	
SBR	1	1700	388	0.23	159	0.09
EBL	2	3400	152	0.04*	301	0.09*
EBT	2	3400	398	0.12	317	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	559	0.16*	563	0.17*
WBR	1	1700	43	0.03	169	0.10
Adjustment			SBR	0.14		
Overlaps					Clearance	0.05
Total ICU				0.45		0.33

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	262	0.15*	155	0.09
NBT	2	3400	706	0.21	1381	0.41*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1126	0.33*	859	0.25
SBR	1	1700	292	0.17	157	0.09
EBL	2	3400	120	0.04*	319	0.09*
EBT	0		0		0	
EBR	1	1700	164	0.10	141	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	113	0.03	163	0.05*
NBT	1	1700	10	0.01*	37	0.02
NBR	D	1700	52	0.03	117	0.07
SBL	1	1700	101	0.06*	17	0.01
SBT	2	3400	65	0.02	11	0.00*
SBR	D	1700	15	0.01	31	0.02
EBL	1	1700	5	0.00	35	0.02*
EBT	2	3400	961	0.28*	849	0.25
EBR	D	1700	218	0.13	65	0.04
WBL	1	1700	206	0.12*	35	0.02
WBT	2	3400	714	0.21	911	0.27*
WBR	D	1700	38	0.02	23	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.39

558 - Ridge Valley @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	216	0.06	331	0.10*
NBT	2	3400	164	0.05*	178	0.05
NBR	D	1700	77	0.05	96	0.06
SBL	1	1700	245	0.14*	80	0.05
SBT	2	3400	418	0.12	62	0.02*
SBR	F		458		255	
EBL	2	3400	116	0.03*	420	0.12*
EBT	3	5100	1360	0.27	1164	0.23
EBR	1	1700	176	0.10	229	0.13
WBL	2	3400	52	0.02	68	0.02
WBT	3	5100	1272	0.25*	1601	0.31*
WBR	1	1700	106	0.06	88	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.60

559 - Ridge Valley @ Great Park Blvd.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	232	0.07*	522	0.15*
NBT	2	1700	11	0.01	126	0.07
NBR	0	1700	38	0.02	150	0.09
SBL	1	1700	80	0.05	98	0.06
SBT	2	3400	25	0.01*	37	0.01*
SBR	F		494		341	
EBL	2	3400	277	0.08	542	0.16*
EBT	2	3400	949	0.28*	648	0.19
EBR	F		291		242	
WBL	1	1700	28	0.02*	63	0.04
WBT	2	3400	564	0.17	585	0.21*
WBR	0		27		141	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	75	0.04	303	0.18*
NBT	1	1700	4	0.02*	53	0.07
NBR	0		22		59	
SBL	1	1700	108	0.06*	53	0.03
SBT	1	1700	26	0.02	5	0.00*
SBR	1	1700	365	0.21	271	0.16
EBL	2	3400	168	0.05*	959	0.28*
EBT	2	3400	1004	0.30	1071	0.32
EBR	D	1700	240	0.14	92	0.05
WBL	1	1700	73	0.04	9	0.01
WBT	2	3400	1029	0.30*	531	0.16*
WBR	1	1700	51	0.03	93	0.05
Adjustment			SBR	0.12		
Overlaps		S		Clearance		0.05
Total ICU				0.60		0.67

561 - Bosque @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	106	0.06*	232	0.14*
NBT	0		0		0	
NBR	1	1700	270	0.16	292	0.17
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1628	0.32*	988	0.19
EBR	1	1700	148	0.09	108	0.06
WBL	1	1700	273	0.16*	179	0.11
WBT	3	5100	1543	0.30	1908	0.37*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.56

562 - Skyhawk @ Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		34	0.02*
SBT	1	1700	0	*	0	
SBR	1	1700	695	0.41	227	0.13
EBL	1	1700	155	0.09	758	0.45*
EBT	2	3400	1084	0.32*	573	0.17
EBR	0		0		0	
WBL	1	1700	0	*	0	
WBT	2	3400	475	0.14	570	0.17*
WBR	1	1700	0		113	0.07
Adjustment			SBR	0.27		
Overlaps					Clearance	0.05
Total ICU				0.64		0.69

563 - Chinon @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	320	0.12*	102	0.06*
NBT	0		0		0	
NBR	0.5	850	92	0.12	104	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1679	0.33*	824	0.16
EBR	1	1700	278	0.16	72	0.04
WBL	1	1700	35	0.02*	143	0.08
WBT	3	5100	725	0.14	1607	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.43

565 - Treble @ Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	12	0.01	7	0.00*
NBT	1	1700	2	0.02*	6	0.01
NBR	0		36		10	
SBL	2	3400	685	0.20*	203	0.06
SBT	1	1700	3	0.14	4	0.09*
SBR	0		233		143	
EBL	1	1700	56	0.03	300	0.18*
EBT	2	3400	869	0.26*	514	0.15
EBR	D	1700	4	0.00	10	0.01
WBL	1	1700	7	0.00*	20	0.01
WBT	2	3400	527	0.16	703	0.21*
WBR	1	1700	99	0.06	585	0.34
Adjustment					WBR	0.05
Overlaps		W			Clearance	0.05
Total ICU				0.53		0.58

566 - Marine Wy. @ Barranca Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	51	0.02*	184	0.05
NBT	2	3400	188	0.06	664	0.20*
NBR	1	1700	44	0.03	141	0.08
SBL	2	3400	622	0.18	413	0.12*
SBT	2	3400	907	0.27*	257	0.08
SBR	1	1700	718	0.42	538	0.32
EBL	2	3400	255	0.08*	699	0.21*
EBT	2	3400	59	0.02	149	0.04
EBR	1	1700	87	0.05	92	0.05
WBL	2	3400	113	0.03	88	0.03
WBT	2	3400	89	0.03*	185	0.05*
WBR	1	1700	331	0.19	669	0.39
Adjustment			SBR	0.09	WBR	0.25
Overlaps					Clearance	0.05
Total ICU				0.54		0.88

567 - Marine Wy. @ Alton Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	691	0.20*	649	0.19*
NBT	2	3400	72	0.02	20	0.01
NBR	1	1700	651	0.38	581	0.34
SBL	2	3400	11	0.00	77	0.02
SBT	2	3400	14	0.00*	133	0.04*
SBR	1	1700	12	0.01	86	0.05
EBL	2	3400	62	0.02	16	0.00
EBT	3	5100	564	0.11*	464	0.09*
EBR	F		720		800	
WBL	2	3400	403	0.12*	543	0.16*
WBT	3	5100	336	0.07	351	0.07
WBR	1	1700	35	0.02	11	0.01
Adjustment			NBR	0.09	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.54

568 - Ada @ Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	48	0.03*	130	0.08*
NBT	0		0		0	
NBR	1	1700	66	0.04	162	0.10
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	*
EBT	2	3400	861	0.30*	662	0.22
EBR	0		150		79	
WBL	0		149	*	111	
WBT	2	3400	624	0.23	741	0.25*
WBR	1	1700	0		0	
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.39		0.38

569 - Bake Pkwy @ Marine Wy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1129	0.33*	529	0.16*
NBT	4	6800	3064	0.45	3112	0.46
NBR	1	1700	158	0.09	55	0.03
SBL	1	1700	135	0.08	56	0.03
SBT	4	6800	2419	0.36*	3465	0.51*
SBR	F		963		532	
EBL	2	3400	371	0.11*	889	0.26*
EBT	1	1700	19	0.01	16	0.01
EBR	2	3400	343	0.10	982	0.29
WBL	1	1700	28	0.02	124	0.07
WBT	2	3400	11	0.00*	19	0.01*
WBR	D	1700	31	0.02	112	0.07
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.85		0.99

571 - Portola Springs @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	204	0.06
NBT	1	1700	56	0.08	50	0.09*
NBR	0		73		107	
SBL	1	1700	20	0.01	37	0.02*
SBT	1	1700	80	0.05*	28	0.02
SBR	D	1700	169	0.10	67	0.04
EBL	1	1700	64	0.04	112	0.07
EBT	2	3400	468	0.14*	703	0.21*
EBR	1	1700	289	0.17	85	0.05
WBL	1	1700	63	0.04*	67	0.04*
WBT	2	3400	360	0.11	605	0.18
WBR	D	1700	8	0.00	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.41

572 - Modjeska @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03	61	0.04
NBT	1	1700	23	0.01*	47	0.03*
NBR	1	1700	65	0.04	54	0.03
SBL	2	3400	515	0.15*	198	0.06*
SBT	1	1700	102	0.06	23	0.01
SBR	1	1700	485	0.29	321	0.19
EBL	2	3400	189	0.06	441	0.13*
EBT	3	5100	1405	0.28*	777	0.15
EBR	1	1700	67	0.04	51	0.03
WBL	1	1700	78	0.05*	44	0.03
WBT	3	5100	896	0.18	1316	0.26*
WBR	1	1700	254	0.15	309	0.18
Adjustment			SBR	0.05	SBR	0.04
Overlaps				Clearance		0.05
Total ICU				0.59		0.57

574 - Ridge Valley @ Benchmark
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	0	
NBT	2	3400	169	0.06	433	0.15*
NBR	0		26		82	
SBL	1	1700	120	0.07	34	0.02*
SBT	2	3400	403	0.13*	211	0.06
SBR	0		37		2	
EBL	1	1700	21	0.01	13	0.01
EBT	1	1700	4	0.01*	0	0.00*
EBR	0		18		1	
WBL	1	1700	119	0.07*	38	0.02*
WBT	1	1700	3	0.06	0	0.01
WBR	0		102		15	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.24

575 - Ridge Valley @ Hornet
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00*	53	0.03
NBT	2	3400	47	0.03	544	0.19*
NBR	0		46		115	
SBL	1	1700	81	0.05	99	0.06*
SBT	2	3400	393	0.12*	132	0.04
SBR	D	1700	52	0.03	39	0.02
EBL	1	1700	92	0.05*	50	0.03*
EBT	1	1700	29	0.04	3	0.01
EBR	0		31		13	
WBL	1	1700	64	0.04	51	0.03
WBT	1	1700	9	0.03*	6	0.10*
WBR	0		42		160	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.43

576 - Ridge Valley @ Phantom
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	30	0.02
NBT	2	3400	140	0.05	799	0.28*
NBR	0		38		158	
SBL	1	1700	11	0.01	23	0.01*
SBT	2	3400	468	0.14*	255	0.08
SBR	0		4		4	
EBL	1	1700	3	0.00	6	0.00
EBT	1	1700	1	0.02*	1	0.01*
EBR	0		31		14	
WBL	1	1700	45	0.03*	69	0.04*
WBT	1	1700	0	0.00	1	0.02
WBR	0		4		31	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.25		0.39

577 - Pusan Way @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	60	0.04*	47	0.03
NBT	1	1700	53	0.03	64	0.04*
NBR	1	1700	64	0.04	65	0.04
SBL	1	1700	18	0.01	32	0.02*
SBT	1	1700	67	0.04*	28	0.02
SBR	1	1700	141	0.08	147	0.09
EBL	1	1700	102	0.06	170	0.10*
EBT	3	5100	1850	0.36*	901	0.18
EBR	1	1700	65	0.04	27	0.02
WBL	1	1700	59	0.03*	46	0.03
WBT	3	5100	1098	0.22	1601	0.31*
WBR	1	1700	44	0.03	48	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.52

579 - Merit @ Irvine Bl.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	159	0.05*	87	0.03*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	201	0.12	103	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	29	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1340	0.26*	819	0.16
EBR	1	1700	394	0.23	44	0.03
WBL	2	3400	201	0.06*	108	0.03
WBT	3	5100	540	0.11	1723	0.34*
WBR	1	1700	35	0.02	42	0.02
Adjustment			NBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.50		0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	266	0.11*	107	0.06*
SBT	0		0		0	
SBR	1.5	2550	303	0.11	223	0.07
EBL	1	1700	76	0.04	356	0.21*
EBT	3	5100	1720	0.34*	917	0.18
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1276	0.25	1449	0.28*
WBR	D	1700	50	0.03	269	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.50		0.60

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	110	0.04*	138	0.06*
NBR	0		30		58	
SBL	2	3400	393	0.12*	778	0.23*
SBT	1	1700	89	0.05	125	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	46	0.03*	61	0.04*
WBT	0		0		0	
WBR	2	3400	1266	0.37	385	0.11
Adjustment			WBR	0.25		
Overlaps				Clearance		0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	168	0.10*	230	0.14*
NBT	3	3400	244	0.07	948	0.21
NBR	0	1700	152	0.09	109	
SBL	1	1700	3	0.00	2	0.00
SBT	3	5100	1157	0.31*	338	0.10*
SBR	0		426		369	0.22
EBL	1	1700	408	0.24*	413	0.24*
EBT	1	1700	184	0.20	245	0.27
EBR	0		149		210	
WBL	1	1700	82	0.05	28	0.02
WBT	1	1700	245	0.15*	145	0.09*
WBR	0		2		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.85		0.62

595 - Skyhawk @ Great Park Blvd
Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	182	
NBT	2	1700	0		0	0.11*
NBR	0	1700	272	0.16	616	0.36
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0		0	*
EBT	2	3400	980	0.29*	480	0.15
EBR	0		0		33	
WBL	0		319	*	240	
WBT	2	3400	291	0.18	1036	0.38*
WBR	0		0		0	
Adjustment			NBR	0.16	NBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.50		0.62

637 - Sterling @ Muirlands Bl.

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	84	0.05*
NBT	1	1700	62	0.04*	8	0.03
NBR	0		5		40	
SBL	1	1700	7	0.00*	61	0.04
SBT	1	1700	3	0.01	83	0.07*
SBR	0		11		32	
EBL	1	1700	57	0.03*	3	0.00
EBT	2	3400	263	0.10	945	0.31*
EBR	0		77		119	
WBL	1	1700	4	0.00	12	0.01*
WBT	2	3400	519	0.17*	272	0.08
WBR	0		48		6	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.49

640 - Thomas @ Muirlands Bl.

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	30	0.02	53	0.03*
NBT	1	1700	32	0.02*	8	0.00
NBR	D	1700	6	0.00	29	0.02
SBL	1	1700	16	0.01*	39	0.02
SBT	1	1700	8	0.00	24	0.01*
SBR	D	1700	3	0.00	41	0.02
EBL	1	1700	14	0.01*	3	0.00
EBT	2	3400	181	0.05	963	0.28*
EBR	D	1700	60	0.04	74	0.04
WBL	1	1700	59	0.03	1	0.00*
WBT	2	3400	607	0.18*	277	0.08
WBR	D	1700	19	0.01	3	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.37

641 - Thomas @ Rockfield

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	24	0.01*	301	0.18*
SBT	1	1700	0	0.01	0	0.03
SBR	0		17		44	
EBL	1	1700	60	0.04*	75	0.04*
EBT	2	3400	6	0.00	101	0.03
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	181	0.11*	73	0.03*
WBR	0	1700	214	0.13	15	
Adjustment			WBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.22		0.30

655 - Ridge Valley @ Corsair

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	15	0.01*	43	0.03
NBT	2	3400	73	0.03	690	0.24*
NBR	0		36		142	
SBL	1	1700	12	0.01	33	0.02*
SBT	2	3400	461	0.14*	155	0.05
SBR	D	1700	13	0.01	0	
EBL	1	1700	8	0.00	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		87		23	
WBL	1	1700	97	0.06*	75	0.04*
WBT	1	1700	0		1	0.00
WBR	1	1700	18	0.01	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.36

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	229	0.13*	1	0.00*
SBT	0		0		0	
SBR	1.5	2550	623	0.25	454	0.13
EBL	2	3400	1191	0.35*	1388	0.41*
EBT	1	1700	606	0.36	109	0.06
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	179	0.09*	876	0.27*
WBR	0		129		25	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.73

581 - Lynx @ Irvine Bl.

Buildout Approved With Project (Feasibility Analysis)-ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	1	1700	7	0.00	6	0.00
NBT	1	1700	0	*	0	*
NBR	1	1700	123	0.07	47	0.03
SBL	1	1700	9	0.01*	9	0.01*
SBT	1	1700	0	0.00	0	0.00
SBR	0		1		1	
EBL	1	1700	1	0.00	1	0.00*
EBT	3	5100	2710	0.53*	969	0.19
EBR	1	1700	5	0.00	5	0.00
WBL	1	1700	37	0.02*	88	0.05
WBT	3	5100	1048	0.21	2409	0.47*
WBR	0		9		10	
Adjustment			NBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.66		0.53

ITAM ICU Intersection Report
Buildout Pending Plus Project Feasibility Analysis

(without the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road)

16 - Newport Av. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	128	0.08*	154	0.09
NBT	3	5100	448	0.09	883	0.17*
NBR	1	1700	221	0.13	420	0.25
SBL	1	1700	131	0.08	120	0.07*
SBT	3	5100	1276	0.25*	471	0.09
SBR	D	1700	178	0.10	242	0.14
EBL	2	3400	95	0.03	206	0.06
EBT	3	5100	852	0.17*	1143	0.22*
EBR	D	1700	66	0.04	87	0.05
WBL	2	3400	423	0.12*	156	0.05*
WBT	3	5100	1149	0.23	1025	0.20
WBR	D	1700	19	0.01	16	0.01

Adjustment			NBR	0.03
Overlaps	N		Clearance	0.05
Total ICU		0.67		0.59

34 - Red Hill Av. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	150	0.04	497	0.15
NBT	1	1700	145	0.09*	344	0.20*
NBR	1	1700	212	0.12	239	0.14
SBL	2	3400	306	0.09*	204	0.06*
SBT	2	3400	322	0.09	141	0.04
SBR	D	1700	66	0.04	37	0.02
EBL	1	1700	20	0.01	47	0.03
EBT	3	5100	1164	0.26*	1771	0.38*
EBR	0		170		147	
WBL	1	1700	340	0.20*	385	0.23*
WBT	3	5100	1969	0.41	2570	0.53
WBR	0		133		158	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.69		0.92

54 - Browning Av. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
NORTH TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	77	0.05*	142	0.08*
NBT	1	1700	99	0.06	72	0.04
NBR	1	1700	54	0.03	184	0.11
SBL	0		58		60	
SBT	1	1700	115	0.10*	23	0.05*
SBR	D	1700	64	0.04	29	0.02
EBL	1	1700	45	0.03*	16	0.01*
EBT	3	5100	1825	0.39	1941	0.39
EBR	0		179		40	
WBL	1	1700	126	0.07	124	0.07
WBT	3	5100	2358	0.48*	2727	0.55*
WBR	0		67		65	

Adjustment				
Overlaps			Clearance	0.05
Total ICU		0.71		0.74

91 - Tustin Ranch Rd. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	358	0.11*	805	0.24*
NBT	3	5100	624	0.12	859	0.17
NBR	1	1700	240	0.14	278	0.16
SBL	2	3400	246	0.07	121	0.04
SBT	3	5100	1478	0.29*	432	0.08*
SBR	1	1700	610	0.36	444	0.26
EBL	2	3400	212	0.06*	454	0.13*
EBT	3	5100	1020	0.20	1360	0.27
EBR	1	1700	681	0.40	354	0.21
WBL	2	3400	383	0.11	97	0.03
WBT	3	5100	1573	0.31*	1666	0.33*
WBR	1	1700	165	0.10	211	0.12

Adjustment			Multi	0.07	SBR	0.05
Overlaps	N S				Clearance	0.05
Total ICU				0.89		0.88

123 - Jamboree Rd. @ Tustin Ranch Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	134	0.08*	29	0.02
NBT	3	5100	393	0.08	2706	0.53*
NBR	1	1700	10	0.01	5	0.00
SBL	1	1700	18	0.01	0	*
SBT	3	5100	2562	0.50*	599	0.12
SBR	1	1700	510	0.30	79	0.05
EBL	2	3400	93	0.03*	353	0.10*
EBT	1	1700	11	0.01	2	0.00
EBR	1	1700	20	0.01	6	0.00
WBL	1	1700	8	0.00	27	0.02
WBT	1	1700	4	0.00*	23	0.01*
WBR	1	1700	9	0.01	50	0.03

Adjustment			WBR	0.02
Overlaps			Clearance	0.05
Total ICU		0.66		0.71

124 - Jamboree Rd. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	52	0.02*	158	0.05
NBT	3	5100	244	0.05	1453	0.28*
NBR	F		132		246	
SBL	2	3400	571	0.17	339	0.10*
SBT	3	5100	1767	0.35*	392	0.08
SBR	D	1700	12	0.01	18	0.01
EBL	1	1700	13	0.01	40	0.02*
EBT	2	3400	246	0.07*	414	0.12
EBR	D	1700	112	0.07	105	0.06
WBL	1	1700	307	0.18*	163	0.10
WBT	2	3400	519	0.15	979	0.29*
WBR	2	3400	240	0.07	1322	0.39

Adjustment			WBR	0.02
Overlaps			Clearance	0.05
Total ICU		0.67		0.76

125 - Jamboree Rd. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	198	0.06*	446	0.13
NBT	3	5100	458	0.09	1765	0.35*
NBR	1	1700	124	0.07	530	0.31
SBL	2	3400	398	0.12	254	0.07*
SBT	4	6800	2657	0.42*	708	0.12
SBR	0		224		79	
EBL	2	3400	133	0.04	342	0.10*
EBT	3	5100	842	0.17*	1424	0.28
EBR	1	1700	347	0.20	301	0.18
WBL	2	3400	633	0.19*	317	0.09
WBT	3	5100	1458	0.29	1540	0.30*
WBR	D	1700	223	0.13	457	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.89		0.87

126 - Jamboree Rd. @ Bryan Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	83	0.02*	338	0.10
NBT	4	6800	516	0.08	2181	0.32*
NBR	1	1700	87	0.05	385	0.23
SBL	2	3400	116	0.03	174	0.05*
SBT	4	6800	2734	0.40*	947	0.14
SBR	D	1700	115	0.07	249	0.15
EBL	2	3400	71	0.02	315	0.09*
EBT	2	3400	240	0.07*	555	0.16
EBR	D	1700	257	0.15	213	0.13
WBL	2	3400	500	0.15*	279	0.08
WBT	2	3400	438	0.13	869	0.26*
WBR	1	1700	65	0.04	279	0.16
Adjustment			EBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.75		0.77

127 - Jamboree Rd. @ El Camino Real
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	176	0.05*	679	0.20
NBT	4	6800	692	0.10	2463	0.36*
NBR	1	1700	598	0.35	407	0.24
SBL	1	1700	269	0.16	75	0.04*
SBT	4	6800	3010	0.44*	1024	0.15
SBR	1	1700	112	0.07	242	0.14
EBL	1	1700	57	0.03	293	0.17*
EBT	1	1700	172	0.10*	194	0.11
EBR	2	3400	246	0.07	413	0.12
WBL	2	3400	432	0.13*	527	0.16
WBT	2	3400	139	0.07	327	0.15*
WBR	0		103		186	
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.77		0.77

128 - Jamboree Rd. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1153	0.17	2597	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	2978	0.44*	1566	0.23
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	1107	0.33*	469	0.28*
WBT	0		0		0	
WBR	1.5	1700	361	0.21	1037	0.31
Adjustment					WBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.82		0.74

129 - Jamboree Rd. @ I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1159	0.17	2411	0.35*
NBR	F		0		0	
SBL	0		0		0	*
SBT	4	6800	3199	0.47*	1503	0.22
SBR	F		0		0	
EBL	2	3400	495	0.15*	611	0.18*
EBT	0		0		0	
EBR	2	3400	651	0.19	632	0.19
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.71		0.58

131 - Jamboree Rd. SB @ Walnut Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	2	3400	461	0.14	313	0.09
SBT	2	3400	917	0.27*	477	0.14*
SBR	1	1700	377	0.22	199	0.12
EBL	0		0		0	
EBT	3	5100	520	0.10*	709	0.14*
EBR	1	1700	272	0.16	444	0.26
WBL	2	3400	489	0.14*	420	0.12*
WBT	3	5100	650	0.13	1327	0.26
WBR	0		0		0	
Adjustment			EBR	0.06	EBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.62		0.57

132 - Jamboree Rd. NB @ Walnut Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	290	0.09	429	0.13
NBT	2	3400	322	0.09*	563	0.17*
NBR	D	1700	194	0.11	707	0.42
SBL	0		0	*	0	*
SBT	0		0		0	
SBR	0		0		0	
EBL	2	3400	101	0.03*	212	0.06*
EBT	3	5100	846	0.17	809	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	880	0.17*	1354	0.27*
WBR	1	1700	337	0.20	477	0.28
Adjustment			WBR	0.03	Multi	0.13
Overlaps					Clearance	0.05
Total ICU				0.37		0.68

133 - Jamboree Rd. @ Edinger Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	101	0.03	343	0.10*
NBT	0		0	*	0	
NBR	1	1700	56	0.03	244	0.14
SBL	2	3400	202	0.06*	278	0.08
SBT	0		0		0	*
SBR	F		784		499	
EBL	2	3400	274	0.08*	535	0.16*
EBT	3	5100	783	0.18	1406	0.30
EBR	0		131		149	
WBL	2	3400	238	0.07	127	0.04
WBT	3	5100	1356	0.27*	1599	0.31*
WBR	1	1700	228	0.13	196	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.46		0.62

135 - Jamboree Rd. NB @ Warner Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	1	1700	0		0	
NBR	0		0		0	
SBL	0		9		4	
SBT	1	1700	0	0.01*	0	0.00*
SBR	1	1700	21	0.01	144	0.08
EBL	1	1700	331	0.19*	867	0.51*
EBT	2	3400	512	0.15	900	0.26
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	486	0.14*	936	0.28*
WBR	D	1700	206	0.12	185	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.39		0.84

136 - Jamboree Rd. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	301	0.09*	532	0.16
NBT	5	8500	777	0.09	2973	0.35*
NBR	1	1700	158	0.09	147	0.09
SBL	2	3400	395	0.12	289	0.09*
SBT	4	6800	2752	0.40*	1169	0.17
SBR	F		1859		471	
EBL	3	5100	220	0.04*	1235	0.24*
EBT	2	3400	630	0.19	884	0.26
EBR	1	1700	182	0.11	310	0.18
WBL	2	3400	185	0.05	141	0.04
WBT	3	5100	1007	0.20*	984	0.19*
WBR	F		161		729	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.78		0.92

157 - SR-261 SB Ramps @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	309	0.18*	118	0.07*
SBT	0		0		0	
SBR	2	3400	109	0.03	35	0.01
EBL	0		0		0	*
EBT	3	5100	898	0.18*	1032	0.20
EBR	1	1700	102	0.06	29	0.02
WBL	2	3400	202	0.06*	80	0.02
WBT	3	5100	833	0.16	2463	0.48*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.47		0.60

158 - SR-261 NB Ramps @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	10	0.01*	72	0.04*
NBT	0		0		0	
NBR	0.5	1700	52	0.03	189	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	2	3400	23	0.01	36	0.01*
EBT	3	5100	1156	0.23*	1091	0.21
EBR	0		0		0	
WBL	0		0	*	0	
WBT	3	5100	1060	0.21	2503	0.49*
WBR	1	1700	152	0.09	182	0.11
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.31		0.59

159 - SR-261 SB Ramps @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	34	0.01*	26	0.01*
SBT	0		0		0	
SBR	1	1700	191	0.11	86	0.05
EBL	0		0	*	0	*
EBT	3	5100	1008	0.20	1790	0.35
EBR	D	1700	86	0.05	75	0.04
WBL	2	3400	418	0.12	76	0.02
WBT	3	5100	2051	0.40*	2267	0.44*
WBR	0		0		0	
Adjustment			SBR	0.10	SBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.56		0.54

160 - SR-261 NB Ramps @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	17	0.01*	205	0.11*
NBT	0		1		1	0.11
NBR	1.5	3400	39	0.01	353	0.11
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	49	0.03*	94	0.06*
EBT	3	5100	847	0.17	1522	0.30
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1989	0.39*	2048	0.40*
WBR	1	1700	57	0.03	54	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.62

218 - Culver Dr. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	120	0.04*	381	0.11*
NBT	2	3400	144	0.04	205	0.06
NBR	1	1700	227	0.13	278	0.16
SBL	2	3400	110	0.03	127	0.04
SBT	2	3400	310	0.09*	209	0.06*
SBR	1	1700	136	0.08	136	0.08
EBL	2	3400	102	0.03	144	0.04*
EBT	3	5100	835	0.16*	729	0.14
EBR	1	1700	237	0.14	168	0.10
WBL	2	3400	309	0.09*	185	0.05
WBT	3	5100	717	0.14	2074	0.41*
WBR	1	1700	75	0.04	92	0.05
Adjustment						
Overlaps		N S E			Clearance	0.05
Total ICU				0.43		0.67

220 - Culver Dr. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	137	0.04*	285	0.08
NBT	3	5100	465	0.09	1048	0.21*
NBR	1	1700	188	0.11	540	0.32
SBL	2	3400	223	0.07	244	0.07*
SBT	3	5100	1268	0.25*	609	0.12
SBR	D	1700	202	0.12	127	0.07
EBL	2	3400	84	0.02	206	0.06*
EBT	3	5100	559	0.11*	995	0.20
EBR	D	1700	209	0.12	150	0.09
WBL	2	3400	599	0.18*	346	0.10
WBT	3	5100	1125	0.22	1566	0.31*
WBR	D	1700	81	0.05	194	0.11
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.63		0.70

221 - Culver Dr. @ Bryan Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	213	0.06*	610	0.18
NBT	3	5100	692	0.14	1794	0.35*
NBR	1	1700	191	0.11	409	0.24
SBL	2	3400	82	0.02	83	0.02*
SBT	3	5100	1974	0.39*	961	0.19
SBR	D	1700	219	0.13	135	0.08
EBL	2	3400	109	0.03	191	0.06*
EBT	1.5	2550	225	0.10*	502	0.18
EBR	1.5	2550	282	0.10	412	0.18
WBL	2	3400	407	0.12*	215	0.06
WBT	2	3400	380	0.14	591	0.20*
WBR	0		105		94	
Adjustment						
Overlaps		N			Clearance	0.05
Total ICU				0.72		0.68

222 - Culver Dr. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	773	0.15	2240	0.44*
NBR	F		674		1090	
SBL	1	1700	123	0.07	129	0.08*
SBT	3	5100	1999	0.39*	1204	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	855	0.25*	733	0.22*
WBT	0		0		0	
WBR	2	3400	349	0.10	787	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.69		0.79

223 - Culver Dr. @ I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1081	0.16	2249	0.33*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2258	0.44*	1561	0.31
SBR	F		0		0	
EBL	3	5100	427	0.08*	1084	0.21*
EBT	0		0		0	
EBR	2	3400	536	0.16	706	0.21
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.08		
Overlaps					Clearance	0.05
Total ICU				0.65		0.59

224 - Culver Dr. @ Walnut Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	129	0.04*	243	0.07
NBT	3	5100	832	0.16	1547	0.30*
NBR	1	1700	296	0.17	339	0.20
SBL	2	3400	161	0.05	251	0.07*
SBT	3	5100	1783	0.35*	1256	0.25
SBR	1	1700	500	0.29	374	0.22
EBL	2	3400	347	0.10*	608	0.18*
EBT	2	3400	437	0.13	711	0.21
EBR	1	1700	151	0.09	139	0.08
WBL	2	3400	374	0.11	349	0.10
WBT	2	3400	656	0.19*	747	0.22*
WBR	1	1700	275	0.16	234	0.14
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.73		0.82

226 - Culver Dr. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	248	0.07*	252	0.07
NBT	4	6800	727	0.11	1417	0.21*
NBR	F		430		580	
SBL	2	3400	201	0.06	312	0.09*
SBT	4	6800	1775	0.26*	1162	0.17
SBR	1	1700	198	0.12	166	0.10
EBL	2	3400	111	0.03	218	0.06*
EBT	3	5100	920	0.18*	1182	0.23
EBR	F		297		323	
WBL	2	3400	562	0.17*	393	0.12
WBT	3	5100	1248	0.24	2084	0.41*
WBR	F		165		281	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.73		0.82

227 - Culver Dr. @ Warner Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	42	0.02*	150	0.09
NBT	3	5100	880	0.17	2155	0.42*
NBR	1	1700	103	0.06	233	0.14
SBL	1	1700	129	0.08	142	0.08*
SBT	3	5100	2313	0.45*	1565	0.31
SBR	D	1700	131	0.08	234	0.14
EBL	2	3400	173	0.05	153	0.05
EBT	2	3400	244	0.07*	269	0.08*
EBR	D	1700	140	0.08	142	0.08
WBL	1	1700	215	0.13*	89	0.05*
WBT	2	3400	287	0.08	221	0.07
WBR	D	1700	227	0.13	139	0.08
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.72		0.68

228 - Culver Dr. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	213	0.06*	272	0.08
NBT	3	5100	753	0.15	1656	0.32*
NBR	1	1700	272	0.16	253	0.15
SBL	2	3400	371	0.11	191	0.06*
SBT	3	5100	1864	0.37*	1276	0.25
SBR	F		422		353	
EBL	2	3400	165	0.05	697	0.21*
EBT	2	3400	669	0.20*	977	0.29
EBR	1	1700	242	0.14	394	0.23
WBL	2	3400	182	0.05*	208	0.06
WBT	3	5100	844	0.19	948	0.22*
WBR	0		104		188	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.73		0.86

229 - Culver Dr. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	142	0.04*	195	0.06
NBT	4	6800	1080	0.16	1980	0.29*
NBR	1	1700	257	0.15	430	0.25
SBL	2	3400	111	0.03	266	0.08*
SBT	3	5100	1861	0.36*	1227	0.24
SBR	F		303		345	
EBL	2	3400	159	0.05*	262	0.08*
EBT	3	5100	450	0.13	877	0.21
EBR	0		198		186	
WBL	2	3400	327	0.10	297	0.09
WBT	2	3400	713	0.21*	787	0.23*
WBR	1	1700	216	0.13	293	0.17
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.73

232 - Culver Dr. @ I-405 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1344	0.26	2416	0.47*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1739	0.34*	1563	0.31
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	710	0.21*	737	0.22*
WBT	0		0		0	
WBR	1.5	1700	200	0.12	332	0.20
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.74

233 - Culver Dr. @ I-405 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1471	0.29	1744	0.34*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	1902	0.37*	1664	0.33
SBR	F		0		0	
EBL	1.5	3400	739	0.22*	964	0.28*
EBT	0		0		0	
EBR	1.5	1700	323	0.19	375	0.22
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.67

235 - Culver Dr. @ University Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02*	50	0.01*
NBT	4	6800	1032	0.15	1424	0.21
NBR	2	3400	700	0.21	894	0.26
SBL	2	3400	66	0.02	80	0.02
SBT	3	5100	1170	0.23*	1215	0.24*
SBR	D	1700	368	0.22	186	0.11
EBL	2	3400	73	0.02	286	0.08
EBT	3	5100	1081	0.21*	1455	0.29*
EBR	D	1700	60	0.04	55	0.03
WBL	2	3400	825	0.24*	687	0.20*
WBT	3	5100	1471	0.30	753	0.16
WBR	0		77		75	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.75		0.79

243 - Yale Av. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	56	0.03	57	0.03
NBT	2	1700	106	0.06*	45	0.03*
NBR	0	1700	205	0.12	139	0.08
SBL	1	1700	154	0.09*	107	0.06*
SBT	1	1700	66	0.04	45	0.03
SBR	D	1700	125	0.07	119	0.07
EBL	1	1700	107	0.06	107	0.06*
EBT	3	5100	974	0.19*	949	0.19
EBR	D	1700	51	0.03	80	0.05
WBL	1	1700	269	0.16*	166	0.10
WBT	3	5100	1007	0.20	2110	0.41*
WBR	D	1700	194	0.11	104	0.06
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.61

249 - Yale Av. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	119	0.07*	238	0.14*
NBT	2	3400	254	0.07	237	0.07
NBR	D	1700	101	0.06	87	0.05
SBL	2	3400	262	0.08	146	0.04
SBT	2	3400	357	0.11*	136	0.04*
SBR	D	1700	392	0.23	186	0.11
EBL	1	1700	125	0.07*	347	0.20*
EBT	3	5100	701	0.15	1262	0.28
EBR	0		87		160	
WBL	1	1700	129	0.08	69	0.04
WBT	3	5100	1151	0.27*	1719	0.38*
WBR	0		203		198	
Adjustment			SBR	0.07		
Overlaps				Clearance		0.05
Total ICU				0.64		0.81

252 - Yale Av. @ Bryan Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	131	0.08
NBT	2	3400	234	0.07	399	0.12*
NBR	D	1700	66	0.04	112	0.07
SBL	1	1700	33	0.02	76	0.04*
SBT	2	3400	367	0.11*	288	0.08
SBR	D	1700	38	0.02	51	0.03
EBL	1	1700	28	0.02*	73	0.04*
EBT	2	3400	243	0.07	625	0.18
EBR	D	1700	64	0.04	67	0.04
WBL	1	1700	87	0.05	62	0.04
WBT	2	3400	451	0.13*	642	0.19*
WBR	D	1700	28	0.02	74	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.44

255 - Yale Av. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	132	0.08*	109	0.06
NBT	2	3400	301	0.09	642	0.19*
NBR	D	1700	82	0.05	201	0.12
SBL	1	1700	134	0.08	112	0.07*
SBT	2	3400	452	0.13*	345	0.10
SBR	D	1700	232	0.14	83	0.05
EBL	1	1700	56	0.03*	187	0.11*
EBT	2	3400	220	0.06	470	0.14
EBR	D	1700	54	0.03	114	0.07
WBL	1	1700	165	0.10	77	0.05
WBT	2	3400	467	0.14*	379	0.11*
WBR	D	1700	82	0.05	160	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.53

259 - Yale Av. @ Walnut Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	194	0.06*	232	0.07
NBT	2	3400	244	0.11	706	0.28*
NBR	0		138		232	
SBL	1	1700	90	0.05	128	0.08*
SBT	2	3400	580	0.17*	271	0.08
SBR	1	1700	324	0.19	263	0.15
EBL	1	1700	203	0.12*	417	0.25*
EBT	2	3400	406	0.12	584	0.17
EBR	D	1700	315	0.19	153	0.09
WBL	1	1700	166	0.10	80	0.05
WBT	2	3400	470	0.14*	611	0.18*
WBR	D	1700	66	0.04	185	0.11
Adjustment						
Overlaps		S		Clearance		0.05
Total ICU				0.54		0.84

261 - Yale Av. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	176	0.10	165	0.10
NBT	2	3400	143	0.04*	348	0.10*
NBR	D	1700	268	0.16	244	0.14
SBL	1	1700	331	0.19*	154	0.09*
SBT	2	3400	346	0.10	143	0.04
SBR	D	1700	494	0.29	111	0.07
EBL	2	3400	166	0.05	381	0.11*
EBT	3	5100	1264	0.28*	1514	0.33
EBR	0		147		168	
WBL	1	1700	181	0.11*	177	0.10
WBT	3	5100	1214	0.24	2386	0.47*
WBR	1	1700	172	0.10	434	0.26
Adjustment			Multi	0.09		
Overlaps				Clearance		0.05
Total ICU				0.76		0.82

264 - W. Yale Lp. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	116	0.07	106	0.06
NBT	2	3400	129	0.04*	223	0.07*
NBR	D	1700	100	0.06	77	0.05
SBL	1	1700	224	0.13*	83	0.05*
SBT	2	3400	226	0.07	122	0.04
SBR	D	1700	244	0.14	75	0.04
EBL	2	3400	64	0.02	149	0.04*
EBT	2	3400	1059	0.31*	1157	0.34
EBR	D	1700	56	0.03	67	0.04
WBL	1	1700	62	0.04*	59	0.03
WBT	2	3400	790	0.25	1199	0.41*
WBR	0		76		179	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.62

267 - E. Yale Lp. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	75	0.04	170	0.10
NBT	2	3400	137	0.04*	321	0.09*
NBR	D	1700	243	0.14	278	0.16
SBL	1	1700	325	0.19*	135	0.08*
SBT	2	3400	498	0.15	174	0.05
SBR	D	1700	125	0.07	73	0.04
EBL	1	1700	88	0.05	122	0.07*
EBT	2	3400	746	0.22*	962	0.28
EBR	D	1700	128	0.08	140	0.08
WBL	1	1700	288	0.17*	134	0.08
WBT	2	3400	905	0.27	1114	0.33*
WBR	D	1700	226	0.13	315	0.19
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.62

268 - W. Yale Loop @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	218	0.13*	109	0.06*
NBT	2	3400	233	0.07	154	0.05
NBR	D	1700	308	0.18	188	0.11
SBL	1	1700	35	0.02	39	0.02
SBT	2	3400	151	0.04*	151	0.04*
SBR	D	1700	121	0.07	119	0.07
EBL	1	1700	67	0.04*	53	0.03
EBT	2	3400	675	0.20	1319	0.39*
EBR	D	1700	83	0.05	192	0.11
WBL	1	1700	72	0.04	212	0.12*
WBT	2	3400	968	0.28*	1141	0.34
WBR	D	1700	68	0.04	63	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.54		0.66

271 - E. Yale Lp. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	198	0.12*	157	0.09*
NBT	2	3400	348	0.10	316	0.09
NBR	D	1700	642	0.38	345	0.20
SBL	2	3400	230	0.07	165	0.05
SBT	2	3400	379	0.11*	208	0.06*
SBR	D	1700	183	0.11	106	0.06
EBL	1	1700	102	0.06	236	0.14
EBT	2	3400	711	0.29*	1103	0.38*
EBR	0		264		193	
WBL	2	3400	376	0.11*	527	0.16*
WBT	2	3400	959	0.28	1119	0.33
WBR	D	1700	134	0.08	168	0.10
Adjustment			NBR	0.14		
Overlaps					Clearance	0.05
Total ICU				0.82		0.74

282 - Jeffrey Rd. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	541	0.16*	756	0.22*
NBT	2	3400	33	0.01	100	0.03
NBR	1	1700	182	0.11	275	0.16
SBL	2	3400	135	0.04	88	0.03
SBT	3	3400	103	0.03*	33	0.01*
SBR	0	1700	402	0.24	242	0.14
EBL	2	3400	173	0.05*	320	0.09*
EBT	3	5100	963	0.19	883	0.17
EBR	1	1700	736	0.43	328	0.19
WBL	2	3400	302	0.09	202	0.06
WBT	3	5100	1174	0.23*	1498	0.29*
WBR	D	1700	71	0.04	197	0.12
Adjustment			Multi	0.25	SBR	0.06
Overlaps		E			Clearance	0.05
Total ICU				0.77		0.72

283 - Jeffrey Rd. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	139	0.04*	351	0.10
NBT	3	5100	489	0.10	1070	0.21*
NBR	F		202		375	
SBL	2	3400	214	0.06	150	0.04*
SBT	3	5100	871	0.17*	448	0.09
SBR	1	1700	196	0.12	152	0.09
EBL	2	3400	83	0.02	246	0.07*
EBT	3	5100	670	0.13*	989	0.19
EBR	D	1700	186	0.11	161	0.09
WBL	2	3400	494	0.15*	209	0.06
WBT	3	5100	1114	0.22	1520	0.30*
WBR	D	1700	193	0.11	255	0.15
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.67

284 - Jeffrey Rd. @ Bryan Av.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	90	0.03*	605	0.18
NBT	3	5100	591	0.12	1468	0.29*
NBR	D	1700	71	0.04	250	0.15
SBL	2	3400	39	0.01	42	0.01*
SBT	3	5100	1292	0.25*	617	0.12
SBR	1	1700	231	0.14	193	0.11
EBL	1	1700	159	0.09*	268	0.16*
EBT	0.5	850	104	0.08	297	0.17
EBR	1.5	2550	171	0.08	220	0.13
WBL	2	3400	305	0.09	109	0.03
WBT	1	1700	222	0.13*	201	0.12*
WBR	D	1700	108	0.06	51	0.03
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.55		0.63

285 - Jeffrey Rd. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	70	0.02*	229	0.07
NBT	3	5100	610	0.12	2014	0.39*
NBR	1	1700	136	0.08	301	0.18
SBL	2	3400	262	0.08	85	0.03*
SBT	4	6800	1485	0.22*	800	0.12
SBR	1	1700	177	0.10	114	0.07
EBL	2	3400	83	0.02	226	0.07*
EBT	2	3400	215	0.06*	329	0.10
EBR	1	1700	158	0.09	125	0.07
WBL	2	3400	292	0.09*	214	0.06
WBT	2	3400	344	0.10	348	0.10*
WBR	1	1700	94	0.06	156	0.09
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.45		0.64

286 - Jeffrey Rd. @ Roosevelt
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	224	0.07*	465	0.14
NBT	4	6800	477	0.07	2265	0.33*
NBR	1	1700	199	0.12	695	0.41
SBL	1	1700	70	0.04	117	0.07*
SBT	3	5100	1798	0.35*	914	0.18
SBR	D	1700	77	0.05	147	0.09
EBL	1	1700	38	0.02	202	0.12
EBT	1	1700	100	0.06*	233	0.14*
EBR	2	3400	330	0.10	425	0.13
WBL	2	3400	960	0.28*	363	0.11*
WBT	1	1700	250	0.15	178	0.10
WBR	1	1700	355	0.21	189	0.11
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.81		0.70

287 - Jeffrey Rd. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	618	0.12	2329	0.46*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2222	0.44*	1226	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	837	0.25*	619	0.29*
WBT	0		0		0	
WBR	1.5	1700	352	0.21	851	0.29
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.74		0.80

288 - Jeffrey Rd. @ Walnut Av./I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	111	0.03*	271	0.08
NBT	3	5100	593	0.12	1492	0.29*
NBR	1	1700	317	0.19	489	0.29
SBL	2	3400	879	0.26	498	0.15*
SBT	3	5100	1949	0.45*	1085	0.32
SBR	0		323		578	0.34
EBL	2	3400	94	0.03	341	0.10
EBT	1.5	3400	540	0.16*	581	0.17*
EBR	1.5	1700	182	0.11	217	0.13
WBL	2	3400	464	0.14*	683	0.20*
WBT	1	1700	61	0.04	239	0.14
WBR	2	3400	217	0.06	910	0.27
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.83		0.86

289 - Jeffrey Rd. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	190	0.06*	408	0.12*
NBT	4	6800	556	0.08	1399	0.21
NBR	1	1700	158	0.09	201	0.12
SBL	3	5100	168	0.03	130	0.03
SBT	4	6800	1763	0.32*	902	0.18*
SBR	0		419		508	0.30
EBL	2	3400	245	0.07	403	0.12*
EBT	3	5100	1266	0.25*	1089	0.21
EBR	F		359		287	
WBL	2	3400	235	0.07*	113	0.03
WBT	4	6800	953	0.14	1949	0.29*
WBR	1	1700	177	0.10	271	0.16
Adjustment					SBR	0.03
Overlaps				Clearance		0.05
Total ICU				0.75		0.79

290 - Jeffrey Rd. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	155	0.05*	236	0.07
NBT	3	5100	897	0.18	1440	0.28*
NBR	D	1700	302	0.18	278	0.16
SBL	2	3400	118	0.03	135	0.04*
SBT	3	5100	1800	0.35*	1209	0.24
SBR	D	1700	306	0.18	225	0.13
EBL	2	3400	256	0.08*	361	0.11*
EBT	2	3400	833	0.25	782	0.23
EBR	D	1700	250	0.15	233	0.14
WBL	2	3400	234	0.07	622	0.18
WBT	2	3400	942	0.28*	1101	0.32*
WBR	1	1700	90	0.05	194	0.11
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.81		0.80

291 - Jeffrey Rd. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	402	0.12*	461	0.14*
NBT	3	5100	943	0.18	1472	0.29
NBR	1	1700	236	0.14	370	0.22
SBL	2	3400	178	0.05	355	0.10
SBT	3	5100	2058	0.40*	1495	0.29*
SBR	D	1700	151	0.09	274	0.16
EBL	2	3400	245	0.07*	273	0.08*
EBT	2	3400	781	0.23	993	0.29
EBR	1	1700	592	0.35	358	0.21
WBL	3	5100	432	0.08	458	0.09
WBT	2	3400	954	0.28*	1104	0.32*
WBR	D	1700	109	0.06	165	0.10
Adjustment						
Overlaps	N E			Clearance		0.05
Total ICU				0.92		0.88

293 - Jeffrey Rd. @ I-405 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	982	0.19	1940	0.38*
NBR	F		0		0	
SBL	0		0		0	*
SBT	3	5100	2076	0.41*	1625	0.32
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	3	5100	1296	0.25*	885	0.17*
WBT	0		0		0	
WBR	1	1700	150	0.09	494	0.29
Adjustment					WBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.71		0.72

294 - University Dr. @ I-405 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	3	5100	1151	0.23	1654	0.32
NBR	F		0		0	
SBL	0		0		0	
SBT	3	5100	2769	0.54*	1994	0.39*
SBR	F		0		0	
EBL	2	3400	244	0.07*	296	0.09*
EBT	0		0		0	
EBR	1	1700	101	0.06	93	0.05
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.53

300 - Sand Canyon Av. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	295	0.09*	828	0.24*
NBT	1	1700	2	0.00	1	0.00
NBR	1	1700	227	0.13	594	0.35
SBL	0		2		4	
SBT	1	1700	1	0.00*	1	0.01*
SBR	0		3		5	
EBL	1	1700	8	0.00	1	0.00
EBT	2	3400	762	0.22*	646	0.19*
EBR	F		465		254	
WBL	2	3400	391	0.12*	251	0.07*
WBT	2	3400	834	0.25	888	0.26
WBR	0		7		1	
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.48		0.61

301 - Sand Canyon Av. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	114	0.03	204	0.06
NBT	3	5100	367	0.07*	828	0.16*
NBR	2	3400	424	0.12	367	0.11
SBL	2	3400	346	0.10*	293	0.09*
SBT	3	5100	573	0.11	432	0.08
SBR	D	1700	138	0.08	167	0.10
EBL	2	3400	93	0.03	268	0.08*
EBT	4	6800	922	0.14*	982	0.14
EBR	1	1700	133	0.08	82	0.05
WBL	2	3400	667	0.20*	317	0.09
WBT	3	5100	1165	0.23	1329	0.26*
WBR	1	1700	329	0.19	410	0.24
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.64

302 - Sand Canyon Av. @ Trabuco Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	19	0.01*	91	0.03
NBT	3	5100	510	0.10	1547	0.30*
NBR	F		397		650	
SBL	2	3400	267	0.08	243	0.07*
SBT	3	5100	1206	0.24*	632	0.12
SBR	1	1700	262	0.15	148	0.09
EBL	2	3400	158	0.05	149	0.04
EBT	3	5100	369	0.07*	406	0.08*
EBR	F		62		54	
WBL	2	3400	644	0.19*	265	0.08*
WBT	3	5100	607	0.12	432	0.08
WBR	D	1700	262	0.15	242	0.14
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.56		0.58

303 - Sand Canyon Av. @ I-5 NB Ramps-Marine Way
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	321	0.09	343	0.10
NBT	4	6800	636	0.09*	1272	0.19*
NBR	1	1700	584	0.34	758	0.45
SBL	2	3400	682	0.20*	551	0.16*
SBT	4	6800	1003	0.15	398	0.06
SBR	1	1700	94	0.06	62	0.04
EBL	2	3400	193	0.06	557	0.16
EBT	2	3400	354	0.10*	664	0.20*
EBR	1	1700	260	0.15	240	0.14
WBL	2	3400	1425	0.42*	865	0.25*
WBT	2	3400	533	0.16	542	0.16
WBR	1	1700	264	0.16	503	0.30
Adjustment					NBR	0.01
Overlaps	N				Clearance	0.05
Total ICU				0.86		0.86

304 - Sand Canyon Av. @ Old Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	4	6800	1718	0.25	2742	0.40*
NBR	D	1700	186	0.11	530	0.31
SBL	0		191		435	*
SBT	4	6800	2423	0.38*	1187	0.24
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		234		248	
WBT	0		0	*	0	*
WBR	1	1700	333	0.33	239	0.29
Adjustment			WBR	0.23	WBR	0.29
Overlaps					Clearance	0.05
Total ICU				0.66		0.74

305 - Sand Canyon Av. @ I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	940	0.14*	1725	0.25*
NBR	1	1700	75	0.04	375	0.22
SBL	2	3400	718	0.21*	442	0.13*
SBT	4	6800	1863	0.27	967	0.14
SBR	0		0		0	
EBL	2.5	3400	990	0.29*	1563	0.32*
EBT	0		0		0	
EBR	1.5	3400	1113	0.33	632	0.32
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.69		0.75

306 - Sand Canyon Av. @ Oak Cyn./Laguna Cyn. Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	85	0.05*	219	0.13
NBT	3	5100	471	0.09	1425	0.28*
NBR	1	1700	184	0.11	99	0.06
SBL	2	3400	603	0.18	181	0.05*
SBT	3	5100	2395	0.47*	709	0.14
SBR	D	1700	326	0.19	148	0.09
EBL	2	3400	71	0.02*	299	0.09
EBT	1	1700	60	0.04	177	0.10*
EBR	D	1700	125	0.07	95	0.06
WBL	2	3400	186	0.05	273	0.08*
WBT	1	1700	202	0.12*	81	0.05
WBR	F		204		577	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.71		0.56

307 - Sand Canyon Av. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	108	0.03*	219	0.06
NBT	3	5100	461	0.09	870	0.17*
NBR	1	1700	74	0.04	33	0.02
SBL	2	3400	630	0.19	180	0.05*
SBT	3	5100	1504	0.29*	643	0.13
SBR	1	1700	695	0.41	373	0.22
EBL	2	3400	288	0.08*	457	0.13*
EBT	3	5100	819	0.16	738	0.14
EBR	1	1700	62	0.04	143	0.08
WBL	2	3400	51	0.02	130	0.04
WBT	3	5100	621	0.12*	1324	0.26*
WBR	1	1700	188	0.11	273	0.16
Adjustment			SBR	0.06		
Overlaps				Clearance		0.05
Total ICU				0.63		0.66

309 - Sand Canyon Av. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	146	0.04*	159	0.05*
NBT	3	5100	1026	0.20	1031	0.20
NBR	D	1700	100	0.06	150	0.09
SBL	2	3400	48	0.01	116	0.03
SBT	3	5100	1366	0.27*	1049	0.21*
SBR	D	1700	215	0.13	331	0.19
EBL	2	3400	226	0.07*	151	0.04*
EBT	2	3400	604	0.18	657	0.19
EBR	1	1700	205	0.12	95	0.06
WBL	2	3400	201	0.06	225	0.07
WBT	2	3400	731	0.22*	1115	0.33*
WBR	1	1700	111	0.07	141	0.08
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.65		0.68

310 - Sand Canyon Av. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	243	0.07	388	0.11*
NBT	3	5100	997	0.20*	647	0.13
NBR	2	3400	709	0.21	178	0.05
SBL	2	3400	295	0.09*	72	0.02
SBT	3	5100	928	0.18	1090	0.21*
SBR	1	1700	155	0.09	186	0.11
EBL	2	3400	149	0.04	164	0.05
EBT	3	5100	803	0.16*	769	0.15*
EBR	1	1700	232	0.14	395	0.23
WBL	2	3400	356	0.10*	798	0.23*
WBT	3	5100	1061	0.21	1049	0.21
WBR	1	1700	125	0.07	264	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.75

311 - Sand Canyon Av. @ I-405 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1866	0.55*	952	0.28
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	502	0.15	1058	0.31*
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	63	0.04*	152	0.09*
WBT	0		0		0	
WBR	F		203		306	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.45

312 - Sand Canyon Av. @ I-405 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	1176	0.35*	596	0.18
NBR	F		0		0	
SBL	0		0	*	0	
SBT	2	3400	277	0.08	783	0.23*
SBR	F		0		0	
EBL	2	3400	1567	0.46*	650	0.19*
EBT	0		0		0	
EBR	1	1700	259	0.15	383	0.23
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment					EBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.86		0.51

313 - Laguna Canyon Rd. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	53	0.02	119	0.04
NBT	2	3400	251	0.07*	188	0.06*
NBR	D	1700	14	0.01	31	0.02
SBL	2	3400	130	0.04*	273	0.08*
SBT	2	3400	236	0.07	266	0.08
SBR	D	1700	99	0.06	347	0.20
EBL	2	3400	329	0.10*	95	0.03*
EBT	3	5100	771	0.15	889	0.17
EBR	D	1700	126	0.07	180	0.11
WBL	2	3400	50	0.01	15	0.00
WBT	3	5100	934	0.18*	1149	0.23*
WBR	D	1700	204	0.12	163	0.10
Adjustment					SBR	0.08
Overlaps					Clearance	0.05
Total ICU				0.44		0.53

314 - Laguna Canyon Rd. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	50	0.01*	124	0.04*
NBT	2	3400	127	0.04	95	0.03
NBR	D	1700	19	0.01	169	0.10
SBL	2	3400	63	0.02	87	0.03
SBT	2	3400	164	0.05*	175	0.05*
SBR	D	1700	64	0.04	271	0.16
EBL	2	3400	75	0.02*	53	0.02*
EBT	2	3400	578	0.17	758	0.22
EBR	1	1700	86	0.05	111	0.07
WBL	2	3400	159	0.05	69	0.02
WBT	2	3400	1022	0.30*	1037	0.31*
WBR	D	1700	106	0.06	78	0.05
Adjustment					SBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.43		0.56

315 - Laguna Canyon Rd. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	285	0.17*	233	0.14*
NBT	2	3400	180	0.05	149	0.04
NBR	D	1700	78	0.05	109	0.06
SBL	1	1700	20	0.01	118	0.07
SBT	2	3400	125	0.04*	244	0.07*
SBR	D	1700	36	0.02	120	0.07
EBL	2	3400	103	0.03*	21	0.01*
EBT	2	3400	793	0.23	875	0.26
EBR	1	1700	237	0.14	182	0.11
WBL	2	3400	166	0.05	93	0.03
WBT	2	3400	1416	0.42*	1153	0.34*
WBR	1	1700	42	0.02	35	0.02
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.71		0.61

316 - SR-133 SB Ramps @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	140	0.08*	297	0.17*
SBT	0		0		0	
SBR	2	3400	272	0.08	212	0.06
EBL	0		0		0	*
EBT	4	6800	1476	0.22*	1654	0.24
EBR	D	1700	308	0.18	101	0.06
WBL	2	3400	430	0.13*	186	0.05
WBT	3	5100	1729	0.34	2089	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.48		0.63

317 - SR-133 NB Ramps @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	182	0.11*	370	0.22*
NBT	0		0		0	
NBR	1	1700	35	0.02	276	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	3	5100	1606	0.31	2078	0.41
EBR	F		0		0	
WBL	0		0		0	
WBT	3	5100	2007	0.42*	1946	0.41*
WBR	0		144		154	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.68

318 - Banting @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	33	0.01*	52	0.02*
NBT	1	1700	25	0.01	165	0.10
NBR	1	1700	22	0.01	182	0.11
SBL	2	3400	728	0.21	118	0.03
SBT	2	1700	508	0.30*	308	0.13*
SBR	0	1700	805	0.47	148	
EBL	1	1700	51	0.03*	236	0.14*
EBT	2	3400	467	0.14	1000	0.29
EBR	D	1700	17	0.01	73	0.04
WBL	1	1700	22	0.01	47	0.03
WBT	2	3400	784	0.23*	921	0.27*
WBR	F		100		831	
Adjustment			SBR	0.15		
Overlaps					Clearance	0.05
Total ICU				0.77		0.61

319 - Banting @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	4	0.00	7	0.00
NBT	1	1700	6	0.00*	44	0.03*
NBR	1	1700	13	0.01	69	0.04
SBL	2	3400	145	0.04*	294	0.09*
SBT	1	1700	60	0.04	6	0.00
SBR	1	1700	295	0.17	41	0.02
EBL	2	3400	33	0.01*	37	0.01*
EBT	2	3400	689	0.20	1183	0.35
EBR	D	1700	29	0.02	3	0.00
WBL	1	1700	59	0.03	10	0.01
WBT	2	3400	1615	0.48*	1222	0.36*
WBR	D	1700	131	0.08	253	0.15
Adjustment			SBR	0.12		
Overlaps					Clearance	0.05
Total ICU				0.70		0.54

321 - Laguna Canyon Rd. @ Old Laguna Cyn. Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	3	5100	923	0.18*	221	0.04
NBT	3	5100	2717	0.53	2845	0.56*
NBR	1	1700	8	0.00	14	0.01
SBL	2	3400	75	0.02	112	0.03*
SBT	3	5100	2057	0.40*	2644	0.52
SBR	1	1700	834	0.49	446	0.26
EBL	3	5100	288	0.06*	547	0.11*
EBT	1	1700	45	0.03	58	0.03
EBR	F		107		660	
WBL	1	1700	8	0.00	9	0.01
WBT	2	3400	145	0.04*	25	0.01*
WBR	D	1700	111	0.07	90	0.05
Adjustment			SBR	0.04	WBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.77		0.78

322 - Laguna Canyon Rd. @ SR-73 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	2	3400	957	0.28*	1004	0.30
NBR	1	1700	310	0.18	124	0.07
SBL	1	1700	170	0.10*	249	0.15
SBT	3	5100	1409	0.28	2297	0.45*
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	1700	196	0.12*	66	0.04*
WBT	0		0		0	
WBR	1.5	3400	1545	0.45	945	0.28
Adjustment			WBR	0.25	WBR	0.13
Overlaps					Clearance	0.05
Total ICU				0.80		0.67

323 - Laguna Canyon Rd. @ SR-73 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	1190	0.35*	937	0.28*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	872	0.26	923	0.27
SBR	F		0		0	
EBL	0.5	1700	148	0.09*	206	0.12*
EBT	0		0		0	
EBR	1.5	1700	44	0.03	247	0.13
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.49		0.45

324 - Portola Pkwy. @ SR-241 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		0	
NBT	2	3400	967	0.28*	1184	0.35*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	774	0.23	569	0.17
SBR	1	1700	45	0.03	56	0.03
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	1.5	1700	0		0	
WBT	0		0	*	0	*
WBR	0.5	1700	224	0.13	148	0.09
Adjustment			WBR	0.13	WBR	0.09
Overlaps					Clearance	0.05
Total ICU				0.46		0.49

325 - Portola Pkwy. @ SR-241 SB Ramps

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1.5	3400	646	0.19*	972	0.29*
NBR	1.5	1700	0		5	0.00
SBL	1	1700	86	0.05*	148	0.09*
SBT	2	3400	509	0.15	437	0.13
SBR	0		0		0	
EBL	0.5	1700	110	0.06*	43	0.03*
EBT	0		0		0	
EBR	1.5	1700	0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.35 — 0.46

326 - Ada @ Barranca Pkwy.

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	89	0.05*	302	0.18*
NBT	2	3400	92	0.03	111	0.03
NBR	D	1700	93	0.05	227	0.13
SBL	2	3400	33	0.01	34	0.01
SBT	1	1700	130	0.08*	172	0.10*
SBR	1	1700	18	0.01	65	0.04
EBL	1	1700	10	0.01*	41	0.02
EBT	2	3400	482	0.14	1075	0.32*
EBR	D	1700	390	0.23	220	0.13
WBL	1	1700	213	0.13	94	0.06*
WBT	2	3400	1104	0.32*	706	0.21
WBR	1	1700	18	0.01	11	0.01

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.51 — 0.71

327 - Barranca Pkwy. @ Technology

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	477	0.14*	210	0.06
NBT	2	3400	812	0.24	952	0.28*
NBR	1	1700	476	0.28	1013	0.60
SBL	2	3400	70	0.02	213	0.06*
SBT	2	3400	1107	0.33*	832	0.24
SBR	1	1700	103	0.06	89	0.05
EBL	1	1700	53	0.03	204	0.12
EBT	1.5	2550	161	0.07*	393	0.18*
EBR	1.5	2550	197	0.07	546	0.18
WBL	2	3400	578	0.17*	572	0.17*
WBT	2	3400	431	0.13	245	0.07
WBR	D	1700	103	0.06	96	0.06

Adjustment — NBR 0.19
Overlaps — Clearance 0.05

Total ICU — 0.76 — 0.93

328 - Barranca Pkwy. @ I-5 HOV Ramp

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	19	0.01	11	0.01
NBT	2	3400	1471	0.43*	1993	0.59*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1784	0.35	1657	0.32
SBR	D	1700	154	0.09	258	0.15
EBL	1	1700	263	0.15*	224	0.13*
EBT	0		0		0	
EBR	1	1700	33	0.02	3	0.00
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.63 — 0.77

329 - Barranca Pkwy. @ ICD

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	143	0.04*	36	0.01
NBT	2	3400	836	0.25	1181	0.35*
NBR	1	1700	138	0.08	246	0.14
SBL	2	3400	215	0.06	296	0.09*
SBT	2	3400	1125	0.33*	1058	0.31
SBR	1	1700	513	0.30	347	0.20
EBL	2	3400	221	0.07*	492	0.14*
EBT	3	5100	635	0.12	1236	0.24
EBR	1	1700	93	0.05	234	0.14
WBL	2	3400	275	0.08	354	0.10
WBT	3	5100	1295	0.25*	1074	0.21*
WBR	1	1700	391	0.23	434	0.26

Adjustment
Overlaps — Clearance 0.05

Total ICU — 0.74 — 0.84

330 - Barranca Pkwy. @ Pacifica

Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	160	0.09*	39	0.02*
NBT	2	3400	738	0.22	888	0.26
NBR	1	1700	387	0.23	474	0.28
SBL	1	1700	76	0.04	161	0.09
SBT	2	3400	1052	0.31*	1408	0.41*
SBR	D	1700	279	0.16	17	0.01
EBL	2	3400	8	0.00*	151	0.04
EBT	2	1700	13	0.01	113	0.07*
EBR	0	1700	21	0.01	269	0.16
WBL	2	3400	202	0.06	302	0.09*
WBT	1	1700	171	0.10*	31	0.02
WBR	1	1700	425	0.25	344	0.20

Adjustment — WBR 0.01 — EBR 0.07
Overlaps — Clearance 0.05

Total ICU — 0.56 — 0.71

333 - Pacifica @ Gateway Bl.-SR-133 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	190	0.06*	432	0.13*
NBT	2	3400	270	0.08	197	0.06
NBR	D	1700	21	0.01	20	0.01
SBL	2	3400	105	0.03	42	0.01
SBT	2	3400	260	0.08*	220	0.06*
SBR	D	1700	40	0.02	409	0.24
EBL	1	1700	456	0.27*	352	0.21*
EBT	2	3400	377	0.11	117	0.03
EBR	1	1700	396	0.23	395	0.23
WBL	1	1700	20	0.01	21	0.01
WBT	1	1700	68	0.04*	220	0.13*
WBR	1	1700	61	0.04	156	0.09
Adjustment					SBR	0.02
Overlaps					Clearance	0.05
Total ICU				0.50		0.60

335 - Alton Pkwy. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	198	0.12*	285	0.17*
NBT	2	3400	24	0.01	118	0.03
NBR	F		266		437	
SBL	1	1700	220	0.13	111	0.07
SBT	2	3400	115	0.03*	31	0.01*
SBR	D	1700	27	0.02	11	0.01
EBL	2	3400	6	0.00	0	
EBT	2	3400	968	0.28*	897	0.26*
EBR	F		325		242	
WBL	2	3400	389	0.11*	203	0.06*
WBT	3	5100	939	0.18	863	0.17
WBR	F		89		217	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.59		0.55

336 - Alton Pkwy. @ SR-241 Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	215	0.13*	283	0.17*
NBT	3	5100	446	0.09	833	0.16
NBR	F		161		296	
SBL	1	1700	93	0.05	62	0.04
SBT	3	5100	632	0.12*	459	0.09*
SBR	F		293		225	
EBL	2	3400	183	0.05	243	0.07*
EBT	0		0	*	0	
EBR	F		471		140	
WBL	2	3400	384	0.11*	60	0.02
WBT	0		0		0	*
WBR	F		87		79	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.41		0.38

338 - Alton Pkwy. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	170	0.05*	495	0.15*
NBT	3	5100	609	0.12	1136	0.22
NBR	F		47		85	
SBL	2	3400	176	0.05	77	0.02
SBT	3	5100	1375	0.27*	577	0.11*
SBR	F		233		712	
EBL	3	5100	403	0.08*	275	0.05*
EBT	3	5100	534	0.10	410	0.08
EBR	D	1700	479	0.28	119	0.07
WBL	2	3400	138	0.04	75	0.02
WBT	3	5100	347	0.07*	619	0.12*
WBR	1	1700	38	0.02	130	0.08
Adjustment			EBR	0.13		
Overlaps					Clearance	0.05
Total ICU				0.65		0.48

339 - Alton Pkwy. @ Toledo Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05*	148	0.09
NBT	3	5100	671	0.13	1536	0.30*
NBR	F		90		182	
SBL	1	1700	87	0.05	60	0.04*
SBT	3	5100	1669	0.33*	701	0.14
SBR	0		12		27	
EBL	1	1700	35	0.02	9	0.01
EBT	1	1700	134	0.16*	66	0.08*
EBR	0		141		67	
WBL	1	1700	140	0.08*	49	0.03*
WBT	1	1700	72	0.04	89	0.05
WBR	1	1700	109	0.06	78	0.05
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				0.67		0.50

340 - Alton Pkwy. @ Jeronimo Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	69	0.04*	135	0.08
NBT	3	5100	1023	0.20	1439	0.28*
NBR	F		262		351	
SBL	2	3400	141	0.04	86	0.03*
SBT	3	5100	1510	0.30*	1009	0.21
SBR	0		29		49	
EBL	1	1700	25	0.01	41	0.02
EBT	1	1700	53	0.03*	51	0.03*
EBR	F		113		97	
WBL	2	3400	390	0.11*	225	0.07*
WBT	1	1700	47	0.03	44	0.03
WBR	1	1700	96	0.06	114	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.53		0.46

341 - Alton Pkwy. @ Barranca Pkwy./Muirlands
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	7	0.00	7	0.00
NBT	3	5100	764	0.15*	994	0.19*
NBR	1	1700	224	0.13	351	0.21
SBL	2	3400	230	0.07*	119	0.04*
SBT	3	5100	1043	0.20	731	0.14
SBR	F		1020		564	
EBL	2	3400	555	0.16*	697	0.21*
EBT	2	3400	238	0.07	459	0.14
EBR	0		7		4	
WBL	2	3400	176	0.05	159	0.05
WBT	2	3400	299	0.11*	312	0.15*
WBR	0		91		183	
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.54		0.64

342 - Technology Dr. E. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	62	0.04*	13	0.01
NBT	1	1700	18	0.01	5	0.00*
NBR	1	1700	364	0.21	300	0.18
SBL	1	1700	24	0.01	38	0.02*
SBT	1	1700	0	0.01*	5	0.01
SBR	0		18		18	
EBL	1	1700	28	0.02	8	0.00
EBT	3	5100	1270	0.25*	1136	0.22*
EBR	D	1700	19	0.01	17	0.01
WBL	1	1700	287	0.17*	143	0.08*
WBT	3	5100	1225	0.24	1334	0.26
WBR	D	1700	23	0.01	14	0.01
Adjustment			NBR	0.04	NBR	0.12
Overlaps				Clearance		0.05
Total ICU				0.56		0.49

343 - Alton Pkwy. @ Ada
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	301	0.09*	516	0.15*
NBT	3	5100	1208	0.24	1040	0.20
NBR	D	1700	4	0.00	25	0.01
SBL	1	1700	4	0.00	26	0.02
SBT	3	5100	1246	0.24*	1312	0.26*
SBR	D	1700	107	0.06	167	0.10
EBL	1	1700	101	0.06*	85	0.05*
EBT	1	1700	60	0.04	46	0.03
EBR	1	1700	562	0.33	391	0.23
WBL	1	1700	22	0.01	14	0.01
WBT	1	1700	40	0.05*	39	0.02*
WBR	0		38		2	
Adjustment			EBR	0.16	EBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.65		0.59

344 - Alton Pkwy. @ Technology Dr. W.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	544	0.16*	845	0.25*
NBT	3	5100	1212	0.24	1050	0.21
NBR	1	1700	742	0.44	650	0.38
SBL	1	1700	41	0.02	112	0.07
SBT	4	6800	1507	0.22*	1306	0.19*
SBR	1	1700	180	0.11	407	0.24
EBL	1.5	2550	311	0.11*	396	0.16*
EBT	1.5	2550	257	0.11	413	0.16
EBR	2	3400	806	0.24	1010	0.30
WBL	2.5	4250	959	0.20	884	0.19
WBT	1.5	2550	399	0.20*	400	0.19*
WBR	D	1700	81	0.05	28	0.02
Adjustment						
Overlaps		E		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.74		0.84

345 - Alton Pkwy. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2363	0.46*	2328	0.46*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	2334	0.46	1989	0.39
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2.5	4250	1059	0.25*	160	0.05*
WBT	0		0		0	
WBR	0.5	850	226	0.25	182	0.11
Adjustment					WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.76		0.62

346 - Alton Pkwy. @ Enterprise Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	1295	0.25	1969	0.39*
NBR	1	1700	90	0.05	191	0.11
SBL	1	1700	524	0.31	528	0.31*
SBT	3	5100	3034	0.59*	1658	0.33
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	197	0.06*	144	0.04*
WBT	0		0		0	
WBR	2	3400	1293	0.38	1097	0.32
Adjustment						
Overlaps		W		Clearance		0.05
Total ICU				0.70		0.79

348 - Alton Pkwy. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	38	0.01	30	0.01
NBT	4	6800	456	0.07*	827	0.12*
NBR	F		160		150	
SBL	2	3400	821	0.24*	387	0.11*
SBT	3	5100	1117	0.22	922	0.18
SBR	1	1700	357	0.21	155	0.09
EBL	2	3400	72	0.02	459	0.14
EBT	3	5100	698	0.14*	1071	0.21*
EBR	1	1700	11	0.01	73	0.04
WBL	2	3400	252	0.07	374	0.11
WBT	2.5	4250	757	0.21*	1016	0.26*
WBR	1.5	2550	637	0.21	730	0.26
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.71		0.75

350 - Alton Pkwy. @ Pacifica
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	58	0.02*	176	0.05*
NBT	3	5100	611	0.12	1141	0.22
NBR	D	1700	214	0.13	183	0.11
SBL	2	3400	22	0.01	63	0.02
SBT	2	3400	1457	0.43*	1289	0.38*
SBR	1	1700	202	0.12	132	0.08
EBL	2	3400	179	0.05	259	0.08
EBT	2	3400	375	0.11*	272	0.08*
EBR	D	1700	185	0.11	93	0.05
WBL	1	1700	184	0.11*	182	0.11*
WBT	2	3400	237	0.07	376	0.11
WBR	D	1700	47	0.03	57	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.67

351 - Spectrum Ctr Dr./I-5 SB R @ Enterprise Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	29	0.01*	126	0.04*
NBT	2	1700	2	0.00	78	0.03
NBR	0	1700	15	0.01	40	
SBL	2	3400	161	0.05	457	0.13
SBT	1	1700	454	0.27*	373	0.22*
SBR	F		1386		768	
EBL	1	1700	119	0.07*	448	0.26*
EBT	2	3400	273	0.08	212	0.06
EBR	1	1700	203	0.12	65	0.04
WBL	1	1700	11	0.01	36	0.02
WBT	2	3400	85	0.03*	322	0.09*
WBR	1	1700	4	0.00	101	0.06
Adjustment			EBR	0.02		
Overlaps				Clearance		0.05
Total ICU				0.45		0.66

356 - Pacifica @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	17	0.01*	156	0.05
NBT	2	3400	14	0.00	115	0.03*
NBR	D	1700	268	0.16	855	0.50
SBL	2	3400	82	0.02	254	0.07*
SBT	2	3400	231	0.07*	79	0.02
SBR	1	1700	42	0.02	129	0.08
EBL	2	3400	49	0.01	85	0.03
EBT	3	5100	1491	0.29*	1423	0.28*
EBR	D	1700	157	0.09	48	0.03
WBL	2	3400	335	0.10*	252	0.07*
WBT	3	5100	1723	0.34	1667	0.33
WBR	1	1700	143	0.08	117	0.07
Adjustment			NBR	0.02	Multi	0.43
Overlaps				Clearance		0.05
Total ICU				0.54		0.93

357 - Spectrum Ctr Dr./I-405 NB @ Entertainment Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	289	0.17	225	0.10*
NBT	0.5	1700	308	0.18*	124	0.10
NBR	F		32		161	
SBL	1	1700	13	0.01*	44	0.03
SBT	1	1700	22	0.01	166	0.10*
SBR	1	1700	38	0.02	193	0.11
EBL	1	1700	164	0.10*	229	0.13
EBT	1	1700	66	0.04	264	0.16*
EBR	F		359		657	
WBL	1	1700	23	0.01	126	0.07*
WBT	2	1700	31	0.02*	245	0.08
WBR	0	1700	32	0.02	28	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

358 - ICD @ Entertainment Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	2024	0.40*	1782	0.35*
NBR	F		510		1136	
SBL	1	1700	10	0.01*	64	0.04*
SBT	3	5100	928	0.18	1913	0.38
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	76	0.02*	333	0.10*
WBT	0		0		0	
WBR	F		297		326	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.54

359 - ICD @ I-405 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	*
NBT	4	6800	1608	0.24*	2167	0.32
NBR	F		0		0	
SBL	0		0	*	0	
SBT	3	5100	829	0.16	1809	0.35*
SBR	F		0		0	
EBL	3	5100	953	0.19*	752	0.15*
EBT	0		0		0	
EBR	F		937		782	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.48 0.55

361 - Bake Pkwy. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	103	0.06*	317	0.12
NBT	1	1700	159	0.06	195	0.12*
NBR	1.5	2550	113	0.06	298	0.12
SBL	1	1700	70	0.04	150	0.09*
SBT	2	3400	343	0.10*	178	0.05
SBR	D	1700	415	0.24	276	0.16
EBL	2	3400	455	0.13*	357	0.11*
EBT	3	5100	722	0.14	1054	0.21
EBR	D	1700	270	0.16	167	0.10
WBL	2	3400	417	0.12	219	0.06
WBT	3	5100	868	0.17*	955	0.19*
WBR	D	1700	42	0.02	25	0.01

Adjustment SBR 0.04
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.55 0.56

362 - Bake Pkwy. @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	240	0.07	164	0.05
NBT	3	5100	1541	0.33*	1201	0.35*
NBR	0		146		644	0.38
SBL	1	1700	74	0.04*	260	0.15*
SBT	3	5100	932	0.18	1336	0.26
SBR	1	1700	106	0.06	166	0.10
EBL	2	3400	131	0.04	150	0.04
EBT	2.5	4250	276	0.07*	796	0.16*
EBR	1.5	2550	203	0.07	292	0.16
WBL	2	3400	626	0.18*	374	0.11*
WBT	4	6800	617	0.09	384	0.06
WBR	D	1700	154	0.09	146	0.09

Adjustment
Overlaps Clearance 0.05

Total ICU 0.67 0.82

363 - Bake Pkwy. @ Toledo Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	342	0.20*	92	0.05*
NBT	3	5100	1888	0.37	1915	0.38
NBR	D	1700	55	0.03	404	0.24
SBL	1	1700	77	0.05	77	0.05
SBT	3	5100	1625	0.32*	1881	0.37*
SBR	D	1700	143	0.08	34	0.02
EBL	2	3400	41	0.01*	132	0.04
EBT	2	3400	42	0.01	272	0.08*
EBR	1	1700	60	0.04	231	0.14
WBL	2	3400	278	0.08	54	0.02*
WBT	2	3400	251	0.10*	47	0.03
WBR	0		80		87	0.05

Adjustment EBR 0.02
Overlaps Clearance 0.05

Total ICU 0.68 0.59

364 - Bake Pkwy. @ Jeronimo Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	518	0.15	77	0.02
NBT	3	5100	2148	0.42*	2299	0.45*
NBR	D	1700	80	0.05	563	0.33
SBL	1	1700	63	0.04*	113	0.07*
SBT	4	6800	1818	0.28	1991	0.30
SBR	0		80		18	
EBL	2	3400	11	0.00	72	0.02
EBT	2	3400	63	0.02*	486	0.14*
EBR	1	1700	116	0.07	468	0.28
WBL	1	1700	419	0.25*	180	0.11*
WBT	3	5100	589	0.13	99	0.03
WBR	0		91		62	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.78 0.82

365 - Bake Pkwy. @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	350	0.10*	84	0.02
NBT	4	6800	2586	0.38	2758	0.41*
NBR	F		188		369	
SBL	2	3400	50	0.01	211	0.06*
SBT	4	6800	2395	0.35*	2415	0.36
SBR	F		91		48	
EBL	2	3400	10	0.00*	201	0.06
EBT	2	3400	86	0.03	715	0.21*
EBR	F		142		256	
WBL	2	3400	320	0.09	171	0.05*
WBT	2	3400	401	0.12*	201	0.06
WBR	F		65		124	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.62 0.78

366 - Bake Pkwy. @ Rockfield Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	115	0.03
NBT	4	6800	2823	0.42	3320	0.49*
NBR	F		735		651	
SBL	2	3400	68	0.02	32	0.01*
SBT	4	6800	3109	0.46*	2727	0.40
SBR	1	1700	6	0.00	1	0.00
EBL	1	1700	1	0.00	2	0.00
EBT	2	3400	23	0.01*	14	0.00*
EBR	F		72		466	
WBL	3	5100	319	0.06*	995	0.20*
WBT	1	1700	50	0.03	19	0.01
WBR	D	1700	84	0.05	29	0.02
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.64		0.75

367 - Bake Pkwy. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	3493	0.51*	3578	0.53*
NBR	F		0		0	
SBL	0		0	*	0	*
SBT	3	5100	1422	0.28	2071	0.41
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	169	0.10*	80	0.05*
WBT	0		0		0	
WBR	3	5100	793	0.16	541	0.11
Adjustment			WBR	0.06	WBR	0.06
Overlaps				Clearance		0.05
Total ICU				0.72		0.69

368 - Bake Pkwy. @ I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	831	0.16	1396	0.27*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1017	0.20*	1213	0.24
SBR	F		0		0	
EBL	3	5100	3003	0.59*	2868	0.56*
EBT	0		0		0	
EBR	1	1700	635	0.37	95	0.06
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.84		0.88

371 - Bake Pkwy. @ Research Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01	4	0.00
NBT	3	5100	444	0.09*	474	0.09*
NBR	D	1700	16	0.01	10	0.01
SBL	2	3400	529	0.16*	233	0.07*
SBT	3	5100	510	0.10	692	0.14
SBR	1	1700	608	0.36	374	0.22
EBL	2	3400	159	0.05*	456	0.13*
EBT	2	3400	80	0.02	119	0.04
EBR	D	1700	12	0.01	22	0.01
WBL	1	1700	7	0.00	10	0.01
WBT	1	1700	66	0.04*	97	0.06*
WBR	2	3400	315	0.09	645	0.19
Adjustment			SBR	0.08	WBR	0.08
Overlaps				Clearance		0.05
Total ICU				0.47		0.48

372 - Bake Pkwy. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	112	0.03	161	0.05
NBT	3	5100	272	0.05*	208	0.04*
NBR	D	1700	86	0.05	47	0.03
SBL	2	3400	218	0.06*	380	0.11*
SBT	3	5100	233	0.05	311	0.06
SBR	D	1700	16	0.01	27	0.02
EBL	2	3400	17	0.01	21	0.01
EBT	3	5100	926	0.18*	1200	0.24*
EBR	F		162		208	
WBL	2	3400	53	0.02*	126	0.04*
WBT	4	6800	823	0.12	836	0.12
WBR	D	1700	203	0.12	268	0.16
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.36		0.48

373 - Lake Forest Dr. @ SR-241 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	187	0.06*	280	0.08
NBT	2	3400	655	0.19	977	0.29*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	583	0.17*	647	0.19
SBR	1	1700	224	0.13	122	0.07
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

374 - Lake Forest Dr. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	27	0.02	150	0.09
NBT	2	3400	138	0.04*	206	0.06*
NBR	D	1700	157	0.09	246	0.14
SBL	1	1700	196	0.12*	150	0.09*
SBT	2	3400	237	0.07	154	0.05
SBR	D	1700	5	0.00	33	0.02
EBL	2	3400	38	0.01*	22	0.01
EBT	3	5100	753	0.15	1381	0.27*
EBR	D	1700	95	0.06	88	0.05
WBL	2	3400	335	0.10	173	0.05*
WBT	3	5100	1301	0.26*	1041	0.20
WBR	D	1700	280	0.16	141	0.08
Adjustment				NBR		0.04
Overlaps				Clearance		0.05
Total ICU				0.48		0.56

375 - Lake Forest Dr. @ SR-241 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	791	0.23*	1077	0.32*
NBR	0		0		0	
SBL	0		0	*	0	*
SBT	2	3400	603	0.18	584	0.17
SBR	0		0		0	
EBL	2	3400	93	0.03*	154	0.05*
EBT	0		0		0	
EBR	1	1700	327	0.19	142	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment				EBR		0.12
Overlaps				Clearance		0.05
Total ICU				0.43		0.42

376 - Lake Forest Dr. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	191	0.06*	332	0.10*
NBT	3	5100	843	0.17	1129	0.22
NBR	1	1700	122	0.07	309	0.18
SBL	2	3400	236	0.07	314	0.09
SBT	3	5100	1131	0.25*	1044	0.24*
SBR	0		145		159	
EBL	2	3400	179	0.05	539	0.16*
EBT	3	5100	564	0.11*	966	0.19
EBR	1	1700	284	0.17	149	0.09
WBL	2	3400	426	0.13*	163	0.05
WBT	3	5100	801	0.16	526	0.10*
WBR	1	1700	397	0.23	266	0.16
Adjustment				EBR		0.01
Overlaps				Clearance		0.05
Total ICU				0.61		0.65

377 - Lake Forest Dr. @ Toledo Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	83	0.05*	87	0.05
NBT	3	5100	1151	0.23	1737	0.34*
NBR	D	1700	94	0.06	133	0.08
SBL	1	1700	38	0.02	47	0.03*
SBT	3	5100	1598	0.31*	1247	0.24
SBR	D	1700	55	0.03	29	0.02
EBL	1	1700	21	0.01	121	0.07
EBT	2	1700	81	0.05*	321	0.11*
EBR	0	1700	101	0.06	65	
WBL	1	1700	149	0.09*	41	0.02*
WBT	2	3400	249	0.09	91	0.04
WBR	0		52		32	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.55

378 - Lake Forest Dr. @ Jeronimo Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	108	0.06*	103	0.06
NBT	3	5100	905	0.18	1548	0.30*
NBR	1	1700	142	0.08	237	0.14
SBL	2	3400	206	0.06	94	0.03*
SBT	3	5100	1252	0.25*	1056	0.21
SBR	1	1700	327	0.19	100	0.06
EBL	1	1700	92	0.05*	237	0.14
EBT	2	3400	174	0.05	589	0.17*
EBR	1	1700	80	0.05	134	0.08
WBL	1	1700	258	0.15	58	0.03*
WBT	2	3400	633	0.19*	159	0.05
WBR	1	1700	338	0.20	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.60		0.58

379 - Lake Forest Dr. @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	86	0.03*	76	0.02
NBT	4	6800	967	0.17	1762	0.31*
NBR	0		164		346	
SBL	2	3400	117	0.03	143	0.04*
SBT	3	5100	1340	0.26*	1146	0.22
SBR	1	1700	161	0.09	78	0.05
EBL	2	3400	66	0.02*	270	0.08
EBT	2	3400	186	0.05	865	0.25*
EBR	1	1700	52	0.03	139	0.08
WBL	2	3400	316	0.09	162	0.05*
WBT	2	3400	577	0.17*	303	0.09
WBR	1	1700	146	0.09	85	0.05
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.53		0.70

380 - Lake Forest Dr. @ Rockfield Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	460	0.14*	392	0.12
NBT	3	5100	1009	0.20	1942	0.38*
NBR	1	1700	139	0.08	470	0.28
SBL	2	3400	107	0.03	201	0.06*
SBT	4	6800	1468	0.23*	1268	0.21
SBR	0		127		151	
EBL	2	3400	59	0.02*	194	0.06*
EBT	2	3400	168	0.05	357	0.11
EBR	2	3400	346	0.10	437	0.13
WBL	3	5100	388	0.08	438	0.09
WBT	2	3400	346	0.14*	347	0.17*
WBR	0		135		218	

Adjustment
Overlaps Clearance 0.05

Total ICU 0.58 0.72

381 - Lake Forest Dr. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	938	0.18	2318	0.45*
NBR	0		0		0	
SBL	0		0		0	*
SBT	3	5100	1192	0.23*	1218	0.24
SBR	F		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	497	0.15*	203	0.06*
WBT	0		0		0	
WBR	2	3400	491	0.14	489	0.14

Adjustment WBR 0.08
Overlaps Clearance 0.05

Total ICU 0.43 0.64

383 - Lake Forest Dr. @ Avenida Carlota/I-5 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	841	0.14*	1345	0.22*
NBR	0		79		129	
SBL	2	3400	367	0.11*	496	0.15*
SBT	3	5100	1224	0.24	849	0.17
SBR	F		0		0	
EBL	3	5100	633	0.12	1730	0.34
EBT	0.5	850	341	0.30*	582	0.34*
EBR	1.5	2550	666	0.30	282	0.17
WBL	2	3400	160	0.05*	128	0.04*
WBT	0		0		0	
WBR	2	3400	145	0.04	317	0.09

Adjustment
Overlaps W Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.65 0.80

385 - Lake Forest Dr. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	16	0.00	31	0.01
NBT	3	5100	277	0.05*	631	0.12*
NBR	1	1700	98	0.06	445	0.26
SBL	2	3400	656	0.19*	742	0.22*
SBT	3	5100	795	0.16	346	0.07
SBR	F		125		90	
EBL	2	3400	80	0.02	226	0.07
EBT	3	5100	675	0.13*	1349	0.26*
EBR	D	1700	26	0.02	17	0.01
WBL	2	3400	551	0.16*	176	0.05*
WBT	3	5100	1020	0.20	597	0.12
WBR	1	1700	373	0.22	263	0.15

Adjustment NBR 0.10
Overlaps Clearance 0.05

Total ICU 0.58 0.80

386 - Ridge Route Dr. @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	113	0.07*	180	0.11*
NBT	2	3400	160	0.05	266	0.08
NBR	D	1700	100	0.06	217	0.13
SBL	1	1700	105	0.06	130	0.08
SBT	2	3400	247	0.07*	227	0.07*
SBR	D	1700	104	0.06	67	0.04
EBL	1	1700	40	0.02*	47	0.03
EBT	2	3400	366	0.11	1121	0.33*
EBR	1	1700	49	0.03	64	0.04
WBL	1	1700	92	0.05	118	0.07*
WBT	2	3400	811	0.24*	436	0.13
WBR	1	1700	92	0.05	63	0.04

Adjustment
Overlaps Clearance 0.05

Total ICU 0.45 0.63

387 - Ridge Route Dr. @ Rockfield Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	724	0.21*	623	0.22*
NBT	1.5	1700	322	0.19	478	0.22
NBR	1	1700	409	0.24	536	0.32
SBL	1.5	1700	1	0.00	48	0.03
SBT	1.5	3400	383	0.11*	299	0.09*
SBR	D	1700	1	0.00	52	0.03
EBL	1	1700	0		153	0.09
EBT	2	1700	3	0.00*	445	0.26*
EBR	0	1700	379	0.22	715	0.42
WBL	1	1700	548	0.32*	204	0.12*
WBT	2	3400	5	0.00	189	0.08
WBR	0		1		66	

Adjustment EBR 0.06
Overlaps Clearance 0.05
Note: Assumes N/S Split Phase

Total ICU 0.75 0.74

388 - Ridge Route Dr. @ Avenida Carlota
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0		40	0.02
NBT	2	3400	340	0.10*	425	0.13*
NBR	1	1700	0		173	0.10
SBL	2	3400	651	0.19*	863	0.25*
SBT	2	3400	356	0.18	213	0.12
SBR	0		266		200	
EBL	1	1700	524	0.31*	968	0.57*
EBT	2	3400	0		394	0.14
EBR	0		0		97	
WBL	1	1700	0		47	0.03
WBT	2	1700	0	*	44	0.03*
WBR	0	1700	622	0.37	472	0.28
Adjustment			WBR	0.23	WBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.88		1.09

389 - Ridge Route Dr. @ Moulton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	52	0.03	105	0.06
NBT	2	3400	153	0.05*	226	0.07*
NBR	1	1700	95	0.06	95	0.06
SBL	2	3400	157	0.05*	256	0.08*
SBT	2	3400	129	0.04	144	0.04
SBR	1	1700	45	0.03	57	0.03
EBL	2	3400	41	0.01*	89	0.03
EBT	4	6800	1059	0.18	2115	0.32*
EBR	0		179		88	
WBL	2	3400	101	0.03	78	0.02*
WBT	4	6800	1830	0.27*	828	0.12
WBR	1	1700	195	0.11	176	0.10
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.43		0.54

390 - Paseo de Valencia @ Avenida Carlota
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	141	0.04*	257	0.08*
NBT	1	1700	36	0.02	127	0.07
NBR	1	1700	17	0.01	84	0.05
SBL	2.5	3400	748	0.22	808	0.18
SBT	1.5	3400	770	0.25*	374	0.18*
SBR	0		81		53	
EBL	2	3400	392	0.12*	491	0.14*
EBT	2	3400	246	0.07	580	0.17
EBR	1	1700	90	0.05	330	0.19
WBL	1	1700	6	0.00	16	0.01
WBT	2	3400	384	0.11*	301	0.09*
WBR	1	1700	540	0.32	543	0.32
Adjustment					WBR	0.04
Overlaps		N W			Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.57		0.58

391 - Santa Maria Av. @ Moulton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	147	0.08*	161	0.07*
NBT	0		0		0	
NBR	1.5	2550	285	0.08	171	0.07
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	1032	0.20	2298	0.45*
EBR	1	1700	161	0.09	139	0.08
WBL	1	1700	176	0.10	201	0.12*
WBT	3	5100	1980	0.39*	857	0.17
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.69

392 - El Toro Rd. @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	73	0.02*	203	0.06
NBT	4	6800	910	0.15	1673	0.29*
NBR	0		95		327	
SBL	2	3400	309	0.09	215	0.06*
SBT	4	6800	1609	0.30*	1145	0.19
SBR	0		413		128	
EBL	2	3400	222	0.07*	261	0.08
EBT	2	3400	259	0.08	784	0.23*
EBR	1	1700	119	0.07	282	0.17
WBL	2	3400	326	0.10	320	0.09*
WBT	2	3400	609	0.18*	321	0.09
WBR	1	1700	318	0.19	209	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.62		0.72

393 - El Toro Rd. @ Rockfield Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	304	0.09*	461	0.14*
NBT	4	6800	911	0.13	1647	0.24
NBR	D	1700	159	0.09	264	0.16
SBL	2	3400	196	0.06	177	0.05
SBT	4	6800	1704	0.26*	1432	0.22*
SBR	0		70		96	
EBL	2	3400	88	0.03	335	0.10
EBT	2	3400	211	0.06*	509	0.15*
EBR	F		158		206	
WBL	2	3400	389	0.11*	313	0.09*
WBT	2	3400	258	0.08	215	0.06
WBR	1	1700	172	0.10	123	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.57		0.65

394 - El Toro Rd. @ I-5 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	
NBT	2.5	4250	871	0.25	1623	0.40*
NBR	1.5	2550	854	0.25	1113	0.40
SBL	0		0		0	*
SBT	5	8500	2234	0.26*	2074	0.24
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	1	1700	0	*	0	*
EBR	1	1700	0		0	
WBL	1.5	2550	618	0.24*	529	0.27*
WBT	0		0		0	
WBR	1.5	2550	612	0.24	843	0.27
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.55		0.72

396 - El Toro Rd. @ Avenida Carlota
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		5		2	
NBT	4	6800	1270	0.19*	2047	0.30*
NBR	D	1700	70	0.04	115	0.07
SBL	2	3400	55	0.02*	180	0.05*
SBT	3	5100	878	0.17	978	0.19
SBR	1	1700	748	0.44	681	0.40
EBL	3	5100	475	0.09*	769	0.15
EBT	2	3400	233	0.07	550	0.16*
EBR	1	1700	246	0.14	155	0.09
WBL	0.5	850	61	0.08	58	0.05*
WBT	1.5	2550	210	0.08*	127	0.05
WBR	2	3400	178	0.05	454	0.13
Adjustment				Multi	0.16	WBR 0.02
Overlaps		S W		Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.59		0.63

397 - El Toro Rd. @ Paseo de Valencia
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	57	0.02	217	0.06
NBT	3	5100	721	0.14*	1155	0.23*
NBR	1	1700	233	0.14	313	0.18
SBL	2	3400	341	0.10*	211	0.06*
SBT	3	5100	607	0.12	695	0.14
SBR	0		9		22	
EBL	1	1700	17	0.01	36	0.02
EBT	2	3400	560	0.16*	437	0.13*
EBR	1	1700	246	0.14	207	0.12
WBL	2	3400	306	0.09*	392	0.12*
WBT	2	3400	128	0.04	206	0.06
WBR	1	1700	306	0.18	402	0.24
Adjustment						
Overlaps		N E W		Clearance		0.05
Total ICU				0.54		0.59

398 - El Toro Rd. @ Moulton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	343	0.10*	246	0.07
NBT	3	5100	587	0.12	1008	0.20*
NBR	1	1700	130	0.08	231	0.14
SBL	2	3400	275	0.08	335	0.10*
SBT	3	5100	686	0.13*	623	0.12
SBR	1	1700	206	0.12	218	0.13
EBL	2	3400	283	0.08*	353	0.10
EBT	3	5100	806	0.16	1966	0.39*
EBR	1	1700	309	0.18	361	0.21
WBL	2	3400	268	0.08	191	0.06*
WBT	3	5100	1636	0.32*	779	0.15
WBR	1	1700	300	0.18	401	0.24
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.68		0.80

399 - El Toro Rd. @ Aliso Creek Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA WOODS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	555	0.11	862	0.17*
NBR	F		881		1293	
SBL	1	1700	73	0.04	137	0.08*
SBT	3	5100	807	0.16*	570	0.11
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	1276	0.38*	1046	0.31*
WBT	0		0		0	
WBR	1	1700	108	0.06	86	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.59		0.61

400 - El Toro Rd. @ SR-73 NB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	1389	0.41	2184	0.64*
NBR	0		0		0	
SBL	0		0		0	*
SBT	1.5	1700	723	0.43*	706	0.33
SBR	1.5	3400	1546	0.45	996	0.33
EBL	0		0	*	0	*
EBT	0		0		0	
EBR	0		0		0	
WBL	2	3400	134	0.04	131	0.04
WBT	2	3400	558	0.16*	237	0.07*
WBR	1	1700	12	0.01	4	0.00
Adjustment				SBR	0.02	
Overlaps				Clearance		0.05
Total ICU				0.66		0.76

401 - El Toro Rd. @ SR-73 SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAGUNA BEACH

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	662	0.19	789	0.23*
NBR	1	1700	140	0.08	106	0.06
SBL	1	1700	4	0.00	34	0.02*
SBT	2	3400	858	0.25*	824	0.24
SBR	0		0		0	
EBL	1.5	3400	737	0.22*	1401	0.41*
EBT	1.5	1700	121	0.07	274	0.16
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.52		0.71

402 - I-5 NB Ramps @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	612	0.18*	915	0.27*
NBT	0		0		0	
NBR	1.5	1700	33	0.02	45	0.03
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2	3400	673	0.20*	977	0.29*
EBR	F		339		269	
WBL	1	1700	249	0.15*	147	0.09*
WBT	2	3400	597	0.18	543	0.16
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.70

403 - SR-241 NB Ramps @ Jeffrey Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	3400	0	*	0	*
NBT	0		0		0	
NBR	1.5	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0	*	0	*
EBT	2	3400	0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	0	*	0	*
WBR	1	1700	0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

404 - SR-241 SB Ramps @ Jeffrey Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	1.5	3400	0		0	
SBT	0		0	*	0	*
SBR	1.5	1700	0		0	
EBL	0		0	*	0	*
EBT	2	3400	0		0	
EBR	1	1700	0		0	
WBL	1	1700	0		0	
WBT	2	3400	0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.05		0.05

405 - Laguna Canyon Rd. @ Quail Hill Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	754	0.44*	443	0.26*
NBT	2	3400	756	0.22	140	0.04
NBR	D	1700	57	0.03	20	0.01
SBL	1	1700	5	0.00	12	0.01
SBT	2	3400	115	0.03*	504	0.15*
SBR	D	1700	62	0.04	264	0.16
EBL	1	1700	174	0.10*	42	0.02
EBT	2	3400	13	0.00	6	0.00*
EBR	D	1700	322	0.19	252	0.15
WBL	1	1700	17	0.01	74	0.04*
WBT	2	3400	9	0.00*	38	0.01
WBR	D	1700	9	0.01	12	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.62		0.50

406 - Laguna Canyon Rd. @ Lake Forest Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	4	6800	2538	0.37*	1833	0.27*
NBR	1	1700	164	0.10	191	0.11
SBL	3	5100	490	0.10*	821	0.16*
SBT	3	5100	1505	0.30	2185	0.43
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	217	0.06*	174	0.05*
WBT	0		0		0	
WBR	F		1489		1124	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.53

409 - Bake Pkwy. @ Commercentre Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	74	0.04*	82	0.05
NBT	2	3400	923	0.27	1099	0.32*
NBR	D	1700	545	0.32	187	0.11
SBL	1	1700	31	0.02	10	0.01*
SBT	2	3400	964	0.28*	809	0.24
SBR	D	1700	138	0.08	144	0.08
EBL	1	1700	109	0.06	104	0.06*
EBT	2	3400	315	0.11*	116	0.06
EBR	0		56		99	
WBL	2	3400	113	0.03*	510	0.15
WBT	1	1700	79	0.05	424	0.26*
WBR	0		5		16	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.70

410 - Bake Pkwy. @ Lake Forest Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	193	0.06*	127	0.04*
SBT	0		0		0	
SBR	2	3400	122	0.04	464	0.14
EBL	2	3400	86	0.03*	159	0.05*
EBT	2	3400	323	0.10	905	0.27
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	975	0.29*	978	0.29*
WBR	D	1700	51	0.03	50	0.03
Adjustment					SBR	0.06
Overlaps					Clearance	0.05
Total ICU				0.43		0.49

412 - Ridge Route Dr. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	195	0.11*	174	0.10*
NBT	0		0		0	
NBR	1	1700	260	0.15	249	0.15
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	3	5100	669	0.13	1417	0.28*
EBR	D	1700	297	0.17	156	0.09
WBL	1	1700	194	0.11	146	0.09*
WBT	3	5100	1379	0.27*	782	0.15
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.52

413 - Ridge Route Dr. @ Toledo Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	29	0.02
NBT	2	3400	280	0.12	344	0.12*
NBR	0		126		66	
SBL	1	1700	106	0.06	80	0.05*
SBT	2	3400	465	0.16*	256	0.09
SBR	0		93		35	
EBL	1	1700	36	0.02	53	0.03
EBT	2	3400	145	0.05*	365	0.11*
EBR	0		39		25	
WBL	1	1700	178	0.10*	28	0.02*
WBT	2	3400	230	0.08	91	0.04
WBR	0		47		41	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.39		0.35

414 - Ridge Route Dr. @ Jeronimo Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	86	0.05	38	0.02
NBT	2	3400	262	0.08*	340	0.10*
NBR	D	1700	116	0.07	97	0.06
SBL	1	1700	143	0.08*	44	0.03*
SBT	2	3400	336	0.10	230	0.07
SBR	D	1700	267	0.16	33	0.02
EBL	1	1700	114	0.07*	76	0.04
EBT	2	3400	328	0.13	913	0.29*
EBR	0		121		63	
WBL	1	1700	77	0.05	86	0.05*
WBT	2	3400	800	0.26*	309	0.12
WBR	0		74		82	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.54		0.52

415 - Glenn Ranch Rd. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	78	0.05	115	0.07
NBT	2	1700	23	0.01*	42	0.02*
NBR	0	1700	60	0.04	96	0.06
SBL	2	3400	363	0.11*	321	0.09*
SBT	2	3400	70	0.02	37	0.01
SBR	F		959		506	
EBL	2	3400	330	0.10*	1122	0.33*
EBT	3	5100	627	0.12	1236	0.24
EBR	1	1700	114	0.07	93	0.05
WBL	2	3400	131	0.04	59	0.02
WBT	3	5100	1385	0.27*	679	0.13*
WBR	1	1700	330	0.19	310	0.18
Adjustment						
Overlaps	W			Clearance		0.05
Total ICU				0.54		0.62

416 - Portola Pkwy .East @ SR-241 Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	404	0.12	198	0.06*
NBT	3	5100	1219	0.24*	909	0.18
NBR	F		83		336	
SBL	2	3400	150	0.04*	329	0.10
SBT	3	5100	716	0.14	1224	0.24*
SBR	F		191		94	
EBL	1	1700	115	0.07*	89	0.05*
EBT	0		0		0	
EBR	F		157		384	
WBL	2	3400	226	0.07	135	0.04
WBT	0		0	*	0	*
WBR	F		453		123	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.40		0.40

417 - El Toro Rd. @ Portola Pkwy./S. Margarit
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	312	0.09*	272	0.08*
NBT	3	5100	198	0.04	500	0.10
NBR	F		363		577	
SBL	1	1700	32	0.02	11	0.01
SBT	3	5100	659	0.13*	206	0.04*
SBR	2	3400	453	0.13	162	0.05
EBL	2	3400	81	0.02	373	0.11
EBT	3	5100	745	0.15*	1697	0.33*
EBR	1	1700	198	0.12	460	0.27
WBL	2	3400	457	0.13*	425	0.13*
WBT	4	6800	1646	0.24	922	0.14
WBR	D	1700	29	0.02	47	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.55		0.63

418 - El Toro Rd. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	257	0.08*	403	0.12*
NBT	4	6800	652	0.10	1260	0.19
NBR	1	1700	183	0.11	465	0.27
SBL	2	3400	212	0.06	223	0.07
SBT	4	6800	1691	0.29*	1000	0.17*
SBR	0		303		127	
EBL	2	3400	179	0.05*	291	0.09
EBT	3	3400	393	0.12	955	0.25*
EBR	0	1700	282	0.17	325	
WBL	2	3400	335	0.10	206	0.06*
WBT	3	5100	850	0.17*	398	0.08
WBR	1	1700	185	0.11	159	0.09
Adjustment						
Overlaps		N		Clearance		0.05
Total ICU				0.64		0.65

419 - El Toro Rd. @ Toledo Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	197	0.12*	50	0.03
NBT	4	6800	1135	0.17	1931	0.29*
NBR	0		14		23	
SBL	1	1700	1	0.00	2	0.00*
SBT	4	6800	1989	0.33*	1447	0.22
SBR	0		223		43	
EBL	1.5	2550	64	0.02*	268	0.08*
EBT	0.5	850	4	0.02	17	0.08
EBR	1	1700	222	0.13	77	0.05
WBL	0		39		14	
WBT	1	1700	9	0.03*	4	0.01*
WBR	0		2		2	
Adjustment						
Overlaps				Clearance		0.05
Note: Assumes E/W Split Phase						
Total ICU				0.55		0.43

420 - El Toro Rd. @ Jeronimo Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	115	0.07*	111	0.07
NBT	4	6800	1001	0.19	1583	0.28*
NBR	0		278		335	
SBL	2	3400	278	0.08	325	0.10*
SBT	4	6800	1851	0.31*	1142	0.18
SBR	0		267		104	
EBL	1	1700	155	0.09*	183	0.11
EBT	2	3400	274	0.08	730	0.21*
EBR	1	1700	214	0.13	117	0.07
WBL	2	3400	432	0.13	220	0.06*
WBT	2	3400	527	0.16*	323	0.10
WBR	1	1700	256	0.15	290	0.17
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.68		0.70

421 - Los Alisos Bl. @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	247	0.15*	218	0.13
NBT	3	5100	438	0.09	1043	0.20*
NBR	D	1700	115	0.07	291	0.17
SBL	1	1700	138	0.08	152	0.09*
SBT	3	5100	1110	0.22*	551	0.11
SBR	D	1700	299	0.18	92	0.05
EBL	1	1700	129	0.08	287	0.17*
EBT	2	3400	441	0.13*	680	0.20
EBR	D	1700	283	0.17	198	0.12
WBL	1	1700	282	0.17*	142	0.08
WBT	2	3400	722	0.21	427	0.13*
WBR	D	1700	156	0.09	149	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.72		0.64

422 - Los Alisos Bl. @ Jeromino Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	201	0.12*	198	0.12
NBT	3	5100	690	0.14	1312	0.26*
NBR	1	1700	186	0.11	298	0.18
SBL	1	1700	231	0.14	138	0.08*
SBT	3	5100	1300	0.25*	725	0.14
SBR	1	1700	353	0.21	166	0.10
EBL	2	3400	180	0.05*	413	0.12
EBT	2	3400	510	0.15	788	0.23*
EBR	1	1700	169	0.10	305	0.18
WBL	2	3400	212	0.06	270	0.08*
WBT	2	3400	606	0.18*	487	0.14
WBR	1	1700	94	0.06	186	0.11

Adjustment
Overlaps Clearance 0.05

Total ICU 0.65 0.70

423 - Muirlands Bl. @ Los Alisos Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	212	0.06*	193	0.06*
NBT	2	3400	513	0.15	405	0.12
NBR	1	1700	121	0.07	168	0.10
SBL	2	3400	122	0.04	324	0.10
SBT	2	3400	472	0.20*	667	0.27*
SBR	0		194		264	
EBL	2	3400	224	0.07*	163	0.05
EBT	3	5100	764	0.15	1181	0.23*
EBR	1	1700	299	0.18	234	0.14
WBL	2	3400	215	0.06	154	0.05*
WBT	3	5100	1068	0.21*	946	0.19
WBR	D	1700	313	0.18	196	0.12

Adjustment
Overlaps Clearance 0.05

Total ICU 0.59 0.66

424 - Los Alisos Bl. @ Rockfield Bl./Fordview St.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	183	0.05*	181	0.05*
NBT	2	3400	864	0.26	1197	0.35
NBR	0		3		4	
SBL	1	1700	16	0.01	20	0.01
SBT	2	3400	915	0.27*	1178	0.35*
SBR	1	1700	509	0.30	297	0.17
EBL	1.5	2550	325	0.10*	358	0.12*
EBT	0.5	850	19	0.10	35	0.12
EBR	1	1700	182	0.11	382	0.22
WBL	0		5		14	
WBT	1	1700	45	0.03*	20	0.02*
WBR	D	1700	55	0.03	26	0.02

Adjustment EBR 0.04
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.50 0.63

425 - Los Alisos Bl. @ Avenida Carlota
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	225	0.07*	130	0.04*
NBT	3	5100	847	0.17	992	0.19
NBR	0		3		1	
SBL	1	1700	7	0.00	10	0.01
SBT	3	5100	914	0.18*	1259	0.25*
SBR	D	1700	275	0.16	232	0.14
EBL	1.5	2550	128	0.04*	459	0.14*
EBT	0.5	850	3	0.04	13	0.14
EBR	1	1700	74	0.04	270	0.16
WBL	0		4		5	
WBT	1	1700	8	0.01*	2	0.00*
WBR	D	1700	8	0.00	15	0.01

Adjustment
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.35 0.48

426 - Los Alisos Bl. @ Paseo de Valencia
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	3	5100	676	0.13*	1279	0.25*
SBT	0		0		0	
SBR	1	1700	364	0.21	218	0.13
EBL	2	3400	127	0.04*	209	0.06
EBT	2	3400	438	0.13	852	0.25*
EBR	0		0		0	
WBL	0		0		0	*
WBT	2	3400	807	0.24*	411	0.12
WBR	2	3400	816	0.24	925	0.27

Adjustment SBR 0.04
Overlaps S W Clearance 0.05

Total ICU 0.50 0.55

427 - Moulton Pkwy. @ Glenwood Dr./Indian Creek
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	267	0.08	329	0.10*
NBT	3	5100	1589	0.31*	928	0.18
NBR	D	1700	11	0.01	33	0.02
SBL	1	1700	7	0.00*	30	0.02
SBT	3	5100	731	0.14	1810	0.35*
SBR	1	1700	423	0.25	502	0.30
EBL	1.5	2550	418	0.12*	386	0.12*
EBT	0.5	850	1	0.12	11	0.12
EBR	1	1700	305	0.18	390	0.23
WBL	0		43		22	
WBT	1	1700	12	0.03*	4	0.02*
WBR	D	1700	24	0.01	16	0.01

Adjustment EBR 0.01
Overlaps Clearance 0.05
Note: Assumes E/W Split Phase

Total ICU 0.51 0.65

428 - Laguna Hills Dr. @ Paseo de Valencia
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	655	0.20*	658	0.20*
NBT	0.5	850	14	0.20	13	0.20
NBR	1	1700	415	0.24	484	0.28
SBL	1	1700	116	0.07	51	0.03
SBT	1	1700	26	0.07*	25	0.04*
SBR	0		101		45	
EBL	1	1700	28	0.02	76	0.04
EBT	3	5100	481	0.09*	1222	0.24*
EBR	1	1700	643	0.38	905	0.53
WBL	2	3400	372	0.11*	345	0.10*
WBT	3	5100	753	0.16	543	0.12
WBR	0		62		84	
Adjustment			EBR	0.14	EBR	0.14
Overlaps					Clearance	0.05
Note: Assumes N/S Split Phase						
Total ICU				0.66		0.77

429 - Moulton Pkwy. @ Laguna Hills Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	411	0.12	202	0.06*
NBT	4	6800	1293	0.19*	760	0.11
NBR	1	1700	161	0.09	108	0.06
SBL	2	3400	220	0.06*	226	0.07
SBT	3	5100	606	0.12	1479	0.29*
SBR	1	1700	203	0.12	430	0.25
EBL	2	3400	340	0.10*	260	0.08*
EBT	3	5100	558	0.11	813	0.16
EBR	F		296		338	
WBL	1	1700	81	0.05	173	0.10
WBT	2	3400	833	0.25*	722	0.21*
WBR	1	1700	184	0.11	332	0.20
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.65		0.69

430 - Trabuco Rd. @ Alicia Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	177	0.05	119	0.04
NBT	2	3400	461	0.14*	352	0.10*
NBR	D	1700	79	0.05	71	0.04
SBL	2	3400	181	0.05*	492	0.14*
SBT	2	3400	318	0.09	438	0.13
SBR	1	1700	149	0.09	141	0.08
EBL	1	1700	204	0.12*	139	0.08
EBT	3	5100	940	0.18	1572	0.31*
EBR	D	1700	67	0.04	125	0.07
WBL	1	1700	136	0.08	63	0.04*
WBT	3	5100	1720	0.34*	998	0.20
WBR	1	1700	391	0.23	200	0.12
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.70		0.64

431 - Jeronimo Rd. @ Alicia Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	556	0.16*	243	0.07*
NBT	2	3400	733	0.22	349	0.10
NBR	1	1700	157	0.09	91	0.05
SBL	2	3400	76	0.02	174	0.05
SBT	2	3400	421	0.12*	775	0.23*
SBR	1	1700	195	0.11	439	0.26
EBL	2	3400	359	0.11*	230	0.07
EBT	3	5100	1317	0.26	1863	0.37*
EBR	1	1700	219	0.13	418	0.25
WBL	2	3400	176	0.05	124	0.04*
WBT	3	5100	1969	0.39*	1349	0.26
WBR	1	1700	157	0.09	111	0.07
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.83		0.76

432 - Alicia Pkwy. @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	221	0.07*	367	0.11
NBT	3	5100	2008	0.39	2351	0.46*
NBR	1	1700	89	0.05	160	0.09
SBL	2	3400	119	0.04	101	0.03*
SBT	4	6800	2528	0.39*	2096	0.32
SBR	0		129		82	
EBL	2	3400	93	0.03	102	0.03
EBT	2	3400	401	0.12*	411	0.12*
EBR	1	1700	519	0.31	493	0.29
WBL	2	3400	119	0.04*	105	0.03*
WBT	2	3400	393	0.12	352	0.10
WBR	1	1700	225	0.13	154	0.09
Adjustment			EBR	0.12	EBR	0.01
Overlaps	E				Clearance	0.05
Total ICU				0.79		0.70

433 - I-5 NB Ramps @ Alicia Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
MISSION VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	288	0.15*	227	0.13*
NBT	0		0		0	
NBR	1.5	2550	493	0.15	833	0.25
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	3	5100	2041	0.40*	2349	0.46*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1739	0.34	1657	0.32
WBR	F		0		0	
Adjustment					NBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.60		0.76

434 - I-5 SB Ramps @ Alicia Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2.5	4250	1251	0.31*	1448	0.36*
SBT	0		0		0	
SBR	1.5	2550	865	0.31	1004	0.36
EBL	0		0		0	
EBT	3	5100	2325	0.46*	2116	0.41*
EBR	F		0		0	
WBL	0		0	*	0	*
WBT	3	5100	1088	0.21	1313	0.26
WBR	F		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.82		0.82

435 - Alicia Pkwy. @ Paseo de Valencia
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAGUNA HILLS

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	307	0.09	320	0.09
NBT	3	5100	1720	0.35*	1533	0.31*
NBR	0		62		57	
SBL	1	1700	72	0.04*	117	0.07*
SBT	3	5100	1295	0.25	1435	0.28
SBR	1	1700	432	0.25	378	0.22
EBL	2	3400	427	0.13*	517	0.15*
EBT	2	3400	254	0.07	479	0.14
EBR	2	3400	235	0.07	623	0.18
WBL	2	3400	81	0.02	101	0.03
WBT	3	5100	450	0.09*	251	0.05*
WBR	1	1700	71	0.04	58	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.66		0.63

436 - Moulton Pkwy. @ Alicia Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
ALISO VIEJO

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	43	0.01	71	0.02*
NBT	4	6800	1191	0.18*	668	0.10
NBR	F		469		345	
SBL	2	3400	171	0.05*	220	0.06
SBT	3	5100	679	0.13	1123	0.22*
SBR	1	1700	266	0.16	615	0.36
EBL	2	3400	414	0.12*	331	0.10*
EBT	3	5100	1329	0.26	1198	0.23
EBR	1	1700	96	0.06	53	0.03
WBL	2	3400	238	0.07	344	0.10
WBT	3	5100	1088	0.21*	1420	0.28*
WBR	1	1700	148	0.09	163	0.10
Adjustment						SBR 0.06
Overlaps				Clearance		0.05
Total ICU				0.61		0.73

437 - Scientific Wy. @ ICD
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	20	0.01*	56	0.02*
NBT	2	3400	14	0.00	18	0.01
NBR	1	1700	1	0.00	1	0.00
SBL	2	3400	2	0.00	3	0.00
SBT	2	3400	11	0.00*	3	0.00*
SBR	1	1700	28	0.02	50	0.03
EBL	1	1700	56	0.03*	58	0.03
EBT	3	5100	715	0.14	1557	0.31*
EBR	1	1700	94	0.06	29	0.02
WBL	1	1700	0		0	*
WBT	3	5100	1014	0.20*	805	0.16
WBR	1	1700	45	0.03	19	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.29		0.38

441 - Park Av. @ Jamboree Rd. SB Ramps
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
TUSTIN

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	80	0.02	701	0.21*
NBR	1	1700	39	0.02	73	0.04
SBL	1	1700	6	0.00	30	0.02*
SBT	2	3400	283	0.08*	232	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	952	0.28*	612	0.18*
WBT	0		0		0	
WBR	1	1700	3	0.00	149	0.09
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.41		0.46

443 - I-5 SB Ramps @ Walnut Av./ Burt Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	0.5	850	154	0.09*	38	0.02*
SBT	0		0		0	
SBR	1.5	2550	297	0.13	888	0.27
EBL	2	3400	1071	0.32*	1325	0.39*
EBT	1	1700	704	0.41	413	0.24
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	394	0.21*	831	0.28*
WBR	0		310		115	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.67		0.74

444 - Sand Canyon Av. @ Burt Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	50	0.01*	38	0.01
NBT	3	5100	818	0.16	1812	0.36*
NBR	D	1700	55	0.03	81	0.05
SBL	1	1700	107	0.06	165	0.10*
SBT	3	5100	2792	0.55*	1424	0.28
SBR	1	1700	97	0.06	74	0.04
EBL	2	3400	127	0.04*	37	0.01
EBT	1	1700	23	0.01	2	0.00*
EBR	1	1700	80	0.05	23	0.01
WBL	1	1700	37	0.02	62	0.04*
WBT	1	1700	10	0.01*	6	0.00
WBR	1	1700	64	0.04	140	0.08
Adjustment			EBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.67		0.55

452 - Jamboree Rd. @ Santiago Canyon Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	677	0.20*	1747	0.51*
NBT	1	1700	55	0.03	61	0.04
NBR	0		0		0	
SBL	0		0		0	
SBT	2	3400	18	0.01*	144	0.04*
SBR	D	1700	26	0.02	94	0.06
EBL	1	1700	35	0.02*	25	0.01*
EBT	0		0		0	
EBR	2	3400	1549	0.46	565	0.17
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.29	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.57		0.62

459 - Jeffrey Rd. @ Santiago Canyon Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — COUNTY

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	0	*	0	*
NBT	0		0		0	
NBR	D	1700	0		0	
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	530	0.16	799	0.24*
EBR	D	1700	0		0	
WBL	1	1700	0		0	*
WBT	2	3400	883	0.26*	530	0.16
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.31		0.29

463 - Jamboree Rd. @ Chapman Ave.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	119	0.04	323	0.10
NBT	2	3400	249	0.07*	881	0.26*
NBR	2	3400	181	0.05	154	0.05
SBL	2	3400	744	0.22*	370	0.11*
SBT	3	5100	794	0.16	342	0.07
SBR	1	1700	36	0.02	79	0.05
EBL	2	3400	38	0.01	42	0.01*
EBT	3	5100	908	0.18*	357	0.07
EBR	1	1700	223	0.13	138	0.08
WBL	2	3400	260	0.08*	296	0.09
WBT	3	5100	512	0.10	1338	0.26*
WBR	2	3400	454	0.13	767	0.23
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.60		0.69

464 - SR-241/SR-261 SB Ramps @ Chapman Ave.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	498	0.29*	100	0.06*
SBT	1	1700	370	0.22	18	0.01
SBR	2	3400	702	0.21	228	0.07
EBL	0		0		0	*
EBT	3	5100	1026	0.20*	756	0.15
EBR	1	1700	763	0.45	140	0.08
WBL	2	3400	332	0.10*	172	0.05
WBT	3	5100	630	0.12	2132	0.42*
WBR	0		0		0	
Adjustment			EBR	0.20	SBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.84		0.54

465 - SR-241/SR-261 NB Ramp @ Chapman Ave.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	145	0.04*	683	0.20*
NBT	2	3400	26	0.01	244	0.07
NBR	D	1700	147	0.09	265	0.16
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	222	0.13*	429	0.25*
EBT	3	5100	1269	0.25	467	0.09
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	845	0.17*	1584	0.31*
WBR	D	1700	150	0.09	565	0.33
Adjustment			NBR	0.01		
Overlaps					Clearance	0.05
Total ICU				0.40		0.81

466 - SR-241 NB Ramp @ Santiago Canyon Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	386	0.11*	961	0.28*
NBT	0		0		0	
NBR	1	1700	23	0.01	88	0.05
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	
EBT	2.5	3400	447	0.13*	424	0.12*
EBR	1.5	3400	877	0.26	892	0.26
WBL	1	1700	84	0.05*	137	0.08*
WBT	3	5100	721	0.14	713	0.14
WBR	0		0		0	
Adjustment			EBR	0.05		
Overlaps					Clearance	0.05
Total ICU				0.39		0.53

468 - Jamboree Rd. @ Canyon View Ave.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	122	0.04*	880	0.26*
NBT	3	5100	384	0.08	1661	0.33
NBR	0		0		0	
SBL	0		0		0	
SBT	3	5100	1478	0.29*	488	0.10*
SBR	1	1700	132	0.08	253	0.15
EBL	1	1700	109	0.06*	136	0.08*
EBT	0		0		0	
EBR	2	3400	611	0.18	255	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.53		0.49

469 - Jamboree Rd. @ Handy Creek Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	3	5100	1220	0.24*	1593	0.31*
NBR	D	1700	518	0.30	792	0.47
SBL	1	1700	239	0.14*	230	0.14*
SBT	3	5100	1603	0.31	866	0.17
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	910	0.54*	404	0.24*
WBT	0		0		0	
WBR	1	1700	320	0.19	216	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.97		0.74

470 - SR-261 SB Ramps @ Handy Creek Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	*
NBT	0		0		0	
NBR	0		0		0	
SBL	0		35		16	
SBT	1	1700	65	0.06*	1	0.01*
SBR	1	1700	1225	0.72	294	0.17
EBL	0		0		0	
EBT	1	1700	263	0.15*	983	0.58*
EBR	1	1700	494	0.29	39	0.02
WBL	0		0	*	1	*
WBT	1	1700	5	0.00	326	0.19
WBR	0		0		0	
Adjustment			Multi	0.69		
Overlaps					Clearance	0.05
Total ICU				0.95		0.64

471 - SR-261 NB Ramps @ Handy Creek Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — ORANGE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00	327	0.19*
NBT	1	1700	19	0.01*	99	0.06
NBR	0		0		0	
SBL	0		0	*	0	
SBT	0		0		0	*
SBR	0		0		0	
EBL	1	1700	297	0.17*	1000	0.59*
EBT	0		0		0	
EBR	0		0		0	
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.23		0.83

477 - El Camino Real N. @ Bryan Ave.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	1700	8	0.00*	106	0.06*
NBT	0		0		0	
NBR	1.5	3400	54	0.02	403	0.12
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	372	0.11	812	0.24
EBR	D	1700	120	0.07	33	0.02
WBL	2	3400	230	0.07	107	0.03
WBT	2	3400	656	0.19*	1386	0.41*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.24		0.52

481 - Laguna Canyon Rd. @ Technology Dr.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	6	0.00	62	0.04
NBT	2	3400	34	0.01*	46	0.01*
NBR	D	1700	9	0.01	34	0.02
SBL	2	3400	85	0.03*	389	0.11*
SBT	2	3400	43	0.01	45	0.01
SBR	D	1700	57	0.03	708	0.42
EBL	1	1700	502	0.30*	94	0.06*
EBT	1	1700	133	0.08	71	0.04
EBR	1	1700	67	0.04	8	0.00
WBL	1	1700	77	0.05	16	0.01
WBT	1	1700	102	0.06*	253	0.15*
WBR	2	3400	580	0.17	184	0.05
Adjustment			WBR	0.09	SBR	0.29
Overlaps					Clearance	0.05
Total ICU				0.54		0.67

482 - Visions @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	9	0.01*	12	0.01*
NBT	1	1700	0		0	
NBR	1	1700	105	0.06	22	0.01
SBL	1	1700	0		0	
SBT	1	1700	0	*	0	*
SBR	0		0		0	
EBL	1	1700	0		0	
EBT	2	3400	461	0.14*	782	0.23*
EBR	1	1700	171	0.10	16	0.01
WBL	1	1700	315	0.19*	20	0.01*
WBT	2	3400	729	0.21	618	0.18
WBR	D	1700	0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.39		0.30

484 - Sand Canyon Av. @ Roosevelt
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	56	0.02*	116	0.03
NBT	4	6800	672	0.10	1977	0.29*
NBR	D	1700	70	0.04	217	0.13
SBL	2	3400	49	0.01	119	0.04*
SBT	4	6800	1735	0.26*	870	0.13
SBR	D	1700	75	0.04	100	0.06
EBL	2	3400	96	0.03*	92	0.03*
EBT	2	3400	47	0.01	92	0.03
EBR	D	1700	138	0.08	99	0.06
WBL	2	3400	253	0.07	87	0.03
WBT	1	1700	129	0.08*	48	0.03*
WBR	D	1700	96	0.06	112	0.07
Adjustment			EBR	0.02	WBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.46		0.45

485 - Sand Canyon Av. @ Nightmist
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	146	0.04*	216	0.06
NBT	4	6800	700	0.10	2153	0.32*
NBR	D	1700	55	0.03	89	0.05
SBL	1	1700	48	0.03	31	0.02*
SBT	4	6800	2116	0.31*	980	0.14
SBR	D	1700	55	0.03	62	0.04
EBL	2	3400	56	0.02*	42	0.01
EBT	1	1700	29	0.02	9	0.01*
EBR	1	1700	267	0.16	95	0.06
WBL	2	3400	42	0.01	140	0.04*
WBT	1	1700	51	0.03*	7	0.00
WBR	D	1700	56	0.03	65	0.04
Adjustment			EBR	0.09		
Overlaps					Clearance	0.05
Total ICU				0.54		0.44

486 - SR-133 SB Ramps @ Great Park Blvd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1	1700	499	0.29*	230	0.14*
SBT	0		0		0	
SBR	2	3400	971	0.29	167	0.05
EBL	0		0		0	
EBT	2	3400	194	0.06*	743	0.22*
EBR	1	1700	879	0.52	621	0.37
WBL	2	3400	1136	0.33*	838	0.25*
WBT	2	3400	487	0.14	729	0.21
WBR	0		0		0	
Adjustment			EBR	0.24	EBR	0.04
Overlaps					Clearance	0.05
Total ICU				0.97		0.70

487 - SR-133 NB Ramps @ Great Park Blvd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	511	0.15*	807	0.24*
NBT	0		0		0	
NBR	2	3400	929	0.27	1117	0.33
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0	*	0	
EBT	2	3400	627	0.18	584	0.17*
EBR	F		54		362	
WBL	1	1700	191	0.11	660	0.39*
WBT	2	3400	1213	0.36*	770	0.23
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.56		0.85

514 - Alton Pkwy. @ Rancho Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	89	0.03*	185	0.05
NBT	3	5100	623	0.12	1153	0.23*
NBR	1	1700	121	0.07	121	0.07
SBL	2	3400	139	0.04	26	0.01*
SBT	3	5100	1217	0.24*	556	0.11
SBR	1	1700	62	0.04	64	0.04
EBL	1	1700	81	0.05*	29	0.02
EBT	2	3400	45	0.01	32	0.01*
EBR	D	1700	254	0.15	158	0.09
WBL	2	3400	158	0.05	144	0.04*
WBT	2	3400	45	0.01*	72	0.02
WBR	1	1700	37	0.02	156	0.09

Adjustment		EBR	0.12	WBR 0.05
Overlaps			Clearance	0.05
Total ICU			0.50	0.39

515 - Bake Pkwy. N @ Rancho Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	2	3400	588	0.17	1093	0.32*
NBR	D	1700	290	0.17	671	0.39
SBL	1	1700	151	0.09	290	0.17*
SBT	2	3400	1008	0.30*	666	0.20
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	2	3400	519	0.15*	274	0.08*
WBT	0		0		0	
WBR	2	3400	201	0.06	271	0.08

Adjustment			NBR	0.01
Overlaps			Clearance	0.05
Total ICU			0.50	0.63

516 - Lake Forest Dr. @ Rancho Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	133	0.08*	225	0.13
NBT	2	3400	662	0.19	898	0.26*
NBR	D	1700	123	0.07	424	0.25
SBL	1	1700	139	0.08	133	0.08*
SBT	2	3400	742	0.22*	588	0.17
SBR	D	1700	79	0.05	57	0.03
EBL	1	1700	42	0.02*	56	0.03
EBT	2	3400	273	0.08	683	0.20*
EBR	1	1700	68	0.04	158	0.09
WBL	2	3400	241	0.07	160	0.05*
WBT	2	3400	615	0.18*	316	0.09
WBR	D	1700	72	0.04	72	0.04

Adjustment				
Overlaps			Clearance	0.05
Total ICU			0.55	0.64

517 - Portola Pkwy. @ Rancho Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	513	0.15*	309	0.09*
NBT	3	5100	1470	0.29	983	0.19
NBR	D	1700	10	0.01	3	0.00
SBL	2	3400	26	0.01	19	0.01
SBT	3	5100	841	0.16*	1487	0.29*
SBR	1	1700	262	0.15	182	0.11
EBL	1.5	2550	120	0.04*	396	0.13*
EBT	0.5	850	11	0.04	32	0.13
EBR	F		219		789	
WBL	1.5	2550	6	0.01	14	0.01
WBT	1	1700	22	0.01*	25	0.01*
WBR	1.5	2550	16	0.01	28	0.01

Adjustment				
Overlaps	S		Clearance	0.05
Note: Assumes E/W Split Phase				
Total ICU			0.41	0.57

518 - Alton Pkwy. @ Commercentre
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	3	5100	636	0.12	1429	0.28*
NBR	D	1700	327	0.19	272	0.16
SBL	1	1700	238	0.14	62	0.04*
SBT	3	5100	1545	0.30*	797	0.16
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1.5	3400	242	0.07*	534	0.16*
WBT	0		0		0	
WBR	1.5	1700	91	0.05	261	0.15

Adjustment				
Overlaps			Clearance	0.05
Total ICU			0.42	0.53

520 - Keystone @ Trabuco Rd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	2	3400	129	0.04*	33	0.01*
SBT	0		0		0	
SBR	1	1700	410	0.24	181	0.11
EBL	2	3400	158	0.05*	310	0.09*
EBT	2	3400	400	0.12	384	0.11
EBR	0		0		0	
WBL	0		0		0	
WBT	2	3400	764	0.22*	586	0.17*
WBR	1	1700	38	0.02	75	0.04

Adjustment		SBR	0.16	SBR 0.03
Overlaps			Clearance	0.05
Total ICU			0.52	0.35

555 - Bake Pkwy. @ Rancho Pkwy. S
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
LAKE FOREST

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	250	0.15*	145	0.09
NBT	2	3400	712	0.21	1361	0.40*
NBR	0		0		0	
SBL	0		0		0	*
SBT	2	3400	1158	0.34*	859	0.25
SBR	1	1700	308	0.18	159	0.09
EBL	2	3400	120	0.04*	335	0.10*
EBT	0		0		0	
EBR	1	1700	151	0.09	139	0.08
WBL	0		0		0	
WBT	0		0	*	0	*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.58		0.55

556 - Ridge Valley @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	147	0.04	161	0.05*
NBT	1	1700	11	0.01*	32	0.02
NBR	D	1700	47	0.03	95	0.06
SBL	1	1700	102	0.06*	14	0.01
SBT	2	3400	52	0.02	12	0.00*
SBR	D	1700	22	0.01	31	0.02
EBL	1	1700	6	0.00	41	0.02*
EBT	2	3400	989	0.29*	941	0.28
EBR	D	1700	177	0.10	95	0.06
WBL	1	1700	126	0.07*	40	0.02
WBT	2	3400	796	0.23	939	0.28*
WBR	D	1700	36	0.02	21	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.48		0.40

558 - Ridge Valley @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	349	0.10*	291	0.09*
NBT	2	3400	200	0.06	147	0.04
NBR	D	1700	96	0.06	95	0.06
SBL	1	1700	191	0.11	86	0.05
SBT	2	3400	285	0.08*	77	0.02*
SBR	F		459		242	
EBL	2	3400	106	0.03*	395	0.12*
EBT	3	5100	1283	0.25	1314	0.26
EBR	1	1700	145	0.09	300	0.18
WBL	2	3400	38	0.01	90	0.03
WBT	3	5100	1371	0.27*	1628	0.32*
WBR	1	1700	86	0.05	84	0.05
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.53		0.60

559 - Ridge Valley @ Great Park Blvd.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	262	0.08*	428	0.13*
NBT	2	1700	9	0.01	67	0.04
NBR	0	1700	33	0.02	106	0.06
SBL	1	1700	64	0.04	89	0.05
SBT	2	3400	16	0.00*	25	0.01*
SBR	F		503		361	
EBL	2	3400	252	0.07*	546	0.16*
EBT	2	3400	949	0.28	861	0.25
EBR	F		244		241	
WBL	1	1700	24	0.01	47	0.03
WBT	2	3400	745	0.23*	684	0.23*
WBR	0		25		107	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.43		0.58

560 - Ridge Valley @ Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	57	0.03	258	0.15*
NBT	1	1700	3	0.02*	38	0.06
NBR	0		23		59	
SBL	1	1700	110	0.06*	57	0.03
SBT	1	1700	21	0.01	5	0.00*
SBR	1	1700	274	0.16	249	0.15
EBL	2	3400	145	0.04*	859	0.25*
EBT	2	3400	1010	0.30	1335	0.39
EBR	D	1700	196	0.12	118	0.07
WBL	1	1700	105	0.06	14	0.01
WBT	2	3400	1353	0.40*	683	0.20*
WBR	1	1700	77	0.05	101	0.06
Adjustment			SBR	0.07		
Overlaps		S		Clearance		0.05
Total ICU				0.64		0.65

561 - Bosque @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	137	0.08*	145	0.09*
NBT	0		0		0	
NBR	1	1700	321	0.19	306	0.18
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1478	0.29*	1194	0.23
EBR	1	1700	133	0.08	92	0.05
WBL	1	1700	262	0.15*	216	0.13
WBT	3	5100	1637	0.32	1939	0.38*
WBR	0		0		0	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.57		0.52

562 - Skyhawk @ Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	0	
NBT	1	1700	0		0	*
NBR	0		0		0	
SBL	1	1700	0		58	0.03*
SBT	1	1700	0	*	0	
SBR	1	1700	486	0.29	210	0.12
EBL	1	1700	160	0.09*	595	0.35*
EBT	2	3400	1096	0.32	1036	0.30
EBR	0		0		0	
WBL	1	1700	0		0	
WBT	2	3400	1125	0.33*	825	0.24*
WBR	1	1700	0		132	0.08
Adjustment			SBR	0.22		
Overlaps					Clearance	0.05
Total ICU				0.69		0.67

563 - Chinon @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1.5	2550	318	0.12*	90	0.05*
NBT	0		0		0	
NBR	0.5	850	94	0.12	96	0.06
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	0		0		0	*
EBT	3	5100	1673	0.33*	832	0.16
EBR	1	1700	289	0.17	46	0.03
WBL	1	1700	37	0.02*	98	0.06
WBT	3	5100	724	0.14	1654	0.32*
WBR	0		0		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.52		0.42

565 - Treble @ Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	297	0.17*	95	0.06*
NBT	1	1700	63	0.12	36	0.05
NBR	0		139		43	
SBL	2	3400	295	0.09	182	0.05
SBT	1	1700	24	0.38*	49	0.27*
SBR	0		629		403	
EBL	1	1700	383	0.23*	578	0.34*
EBT	2	3400	840	0.25	694	0.20
EBR	D	1700	67	0.04	185	0.11
WBL	1	1700	24	0.01	96	0.06
WBT	2	3400	645	0.19*	793	0.23*
WBR	1	1700	138	0.08	298	0.18
Adjustment						
Overlaps		W			Clearance	0.05
Total ICU				1.02		0.95

566 - Marine Wy. @ Barranca Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	62	0.02*	183	0.05
NBT	2	3400	225	0.07	747	0.22*
NBR	1	1700	57	0.03	149	0.09
SBL	2	3400	619	0.18	434	0.13*
SBT	2	3400	978	0.29*	313	0.09
SBR	1	1700	665	0.39	533	0.31
EBL	2	3400	255	0.08*	633	0.19*
EBT	2	3400	65	0.02	126	0.04
EBR	1	1700	103	0.06	91	0.05
WBL	2	3400	128	0.04	102	0.03
WBT	2	3400	87	0.03*	174	0.05*
WBR	1	1700	319	0.19	708	0.42
Adjustment			SBR	0.04	WBR	0.27
Overlaps					Clearance	0.05
Total ICU				0.51		0.91

567 - Marine Wy. @ Alton Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	648	0.19*	742	0.22*
NBT	2	3400	67	0.02	24	0.01
NBR	1	1700	560	0.33	649	0.38
SBL	2	3400	12	0.00	77	0.02
SBT	2	3400	17	0.01*	140	0.04*
SBR	1	1700	14	0.01	88	0.05
EBL	2	3400	81	0.02	15	0.00
EBT	3	5100	678	0.13*	399	0.08*
EBR	F		994		723	
WBL	2	3400	413	0.12*	573	0.17*
WBT	3	5100	326	0.06	361	0.07
WBR	1	1700	34	0.02	12	0.01
Adjustment			NBR	0.04	NBR	0.01
Overlaps					Clearance	0.05
Total ICU				0.54		0.57

568 - Ada @ Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	430	0.25*	421	0.25*
NBT	0		0		0	
NBR	1	1700	550	0.32	510	0.30
SBL	0		0		0	
SBT	0		0	*	0	*
SBR	0		0		0	
EBL	1	1700	0	*	0	
EBT	2	3400	740	0.32	948	0.41*
EBR	0		348		459	
WBL	0		590		478	*
WBT	2	3400	980	0.46*	813	0.38
WBR	1	1700	0		0	
Adjustment					NBR	0.05
Overlaps					Clearance	0.05
Total ICU				0.76		0.76

569 - Bake Pkwy @ Marine Wy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	1040	0.31*	694	0.20*
NBT	4	6800	3094	0.46	3335	0.49
NBR	1	1700	163	0.10	65	0.04
SBL	1	1700	123	0.07	48	0.03
SBT	4	6800	2783	0.41*	3572	0.53*
SBR	F		787		514	
EBL	2	3400	446	0.13*	708	0.21*
EBT	1	1700	24	0.01	14	0.01
EBR	2	3400	530	0.16	1023	0.30
WBL	1	1700	33	0.02	139	0.08
WBT	2	3400	9	0.00*	20	0.01*
WBR	D	1700	28	0.02	96	0.06
Adjustment						
Overlaps		E		Clearance		0.05
Total ICU				0.90		1.00

571 - Portola Springs @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	211	0.06*	207	0.06
NBT	1	1700	56	0.08	48	0.09*
NBR	0		76		106	
SBL	1	1700	21	0.01	37	0.02*
SBT	1	1700	80	0.05*	27	0.02
SBR	D	1700	169	0.10	69	0.04
EBL	1	1700	63	0.04	116	0.07
EBT	2	3400	482	0.14*	757	0.22*
EBR	1	1700	284	0.17	88	0.05
WBL	1	1700	64	0.04*	65	0.04*
WBT	2	3400	368	0.11	625	0.18
WBR	D	1700	8	0.00	45	0.03
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.34		0.42

572 - Modjeska @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03	56	0.03
NBT	1	1700	24	0.01*	36	0.02*
NBR	1	1700	69	0.04	39	0.02
SBL	2	3400	540	0.16*	163	0.05*
SBT	1	1700	95	0.06	22	0.01
SBR	1	1700	471	0.28	335	0.20
EBL	2	3400	177	0.05	505	0.15*
EBT	3	5100	1346	0.26*	837	0.16
EBR	1	1700	57	0.03	62	0.04
WBL	1	1700	75	0.04*	41	0.02
WBT	3	5100	902	0.18	1351	0.26*
WBR	1	1700	270	0.16	266	0.16
Adjustment			SBR	0.05	SBR	0.05
Overlaps				Clearance		0.05
Total ICU				0.57		0.58

575 - Ridge Valley @ Hornet
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	5	0.00*	54	0.03
NBT	2	3400	49	0.03	443	0.16*
NBR	0		47		115	
SBL	1	1700	60	0.04	93	0.05*
SBT	2	3400	349	0.10*	121	0.04
SBR	D	1700	49	0.03	37	0.02
EBL	1	1700	93	0.05*	50	0.03*
EBT	1	1700	29	0.04	4	0.01
EBR	0		36		16	
WBL	1	1700	58	0.03	55	0.03
WBT	1	1700	9	0.02*	6	0.09*
WBR	0		33		141	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.22		0.38

576 - Ridge Valley @ Phantom
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	14	0.01*	29	0.02
NBT	2	3400	140	0.05	685	0.25*
NBR	0		36		157	
SBL	1	1700	13	0.01	30	0.02*
SBT	2	3400	385	0.11*	244	0.07
SBR	0		5		6	
EBL	1	1700	4	0.00	7	0.00
EBT	1	1700	1	0.02*	2	0.01*
EBR	0		29		13	
WBL	1	1700	39	0.02*	67	0.04*
WBT	1	1700	1	0.00	2	0.02
WBR	0		5		36	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.21		0.37

577 - Pusan Way @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	55	0.03*	29	0.02
NBT	1	1700	54	0.03	52	0.03*
NBR	1	1700	66	0.04	47	0.03
SBL	1	1700	23	0.01	39	0.02*
SBT	1	1700	62	0.04*	29	0.02
SBR	1	1700	157	0.09	150	0.09
EBL	1	1700	100	0.06	185	0.11*
EBT	3	5100	1855	0.36*	875	0.17
EBR	1	1700	48	0.03	23	0.01
WBL	1	1700	49	0.03*	49	0.03
WBT	3	5100	1095	0.21	1646	0.32*
WBR	1	1700	48	0.03	65	0.04
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.51		0.53

579 - Merit @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	2	3400	158	0.05*	83	0.02*
NBT	1	1700	10	0.01	2	0.00
NBR	1	1700	200	0.12	99	0.06
SBL	1	1700	100	0.06	27	0.02
SBT	1	1700	28	0.06*	1	0.01*
SBR	0		79		23	
EBL	2	3400	69	0.02	17	0.01*
EBT	3	5100	1350	0.26*	821	0.16
EBR	1	1700	373	0.22	43	0.03
WBL	2	3400	191	0.06*	109	0.03
WBT	3	5100	545	0.11	1726	0.34*
WBR	1	1700	35	0.02	42	0.02
Adjustment			NBR	0.02		
Overlaps					Clearance	0.05
Total ICU				0.50		0.43

581 - Lynx @ Irvine Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	93	0.05*	24	0.01*
NBT	1	1700	0		0	
NBR	1	1700	81	0.05	20	0.01
SBL	1	1700	4	0.00	5	0.00
SBT	1	1700	0	0.00*	0	0.00*
SBR	0		5		5	
EBL	1	1700	7	0.00	4	0.00*
EBT	3	5100	1474	0.29*	943	0.18
EBR	1	1700	144	0.08	11	0.01
WBL	1	1700	58	0.03*	19	0.01
WBT	3	5100	684	0.13	1917	0.38*
WBR	0		3		6	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.42		0.44

584 - Orchard Hills Dr. @ Portola Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	2550	217	0.10*	110	0.06*
SBT	0		0		0	
SBR	1.5	2550	294	0.10	215	0.06
EBL	1	1700	65	0.04*	392	0.23*
EBT	3	5100	1672	0.33	1418	0.28
EBR	0		0		0	
WBL	0		0		0	
WBT	3	5100	1985	0.39*	1551	0.30*
WBR	D	1700	57	0.03	220	0.13
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.58		0.64

585 - Shady Canyon Dr. @ Quail Hill Pkwy.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	2	3400	96	0.04*	138	0.06*
NBR	0		27		59	
SBL	2	3400	399	0.12*	782	0.23*
SBT	1	1700	91	0.05	116	0.07
SBR	0		0		0	
EBL	0		0		0	
EBT	0		0	*	0	*
EBR	0		0		0	
WBL	1	1700	49	0.03*	62	0.04*
WBT	0		0		0	
WBR	2	3400	1272	0.37	417	0.12
Adjustment			WBR	0.25		
Overlaps					Clearance	0.05
Total ICU				0.49		0.38

593 - Alton Pkwy. @ Fairbanks
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	146	0.09*	257	0.15*
NBT	3	3400	319	0.09	897	0.20
NBR	0	1700	166	0.10	110	
SBL	1	1700	4	0.00	2	0.00
SBT	3	5100	1159	0.30*	349	0.10*
SBR	0		379		412	0.24
EBL	1	1700	526	0.31*	388	0.23*
EBT	1	1700	198	0.20	246	0.27
EBR	0		144		215	
WBL	1	1700	89	0.05	26	0.02
WBT	1	1700	234	0.14*	146	0.09*
WBR	0		3		0	
Adjustment						
Overlaps					Clearance	0.05
Total ICU				0.89		0.62

595 - Skyhawk @ Great Park Blvd
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8 — IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0	*	129	
NBT	2	1700	0		0	0.08*
NBR	0	1700	267	0.16	472	0.28
SBL	0		0		0	*
SBT	0		0	*	0	
SBR	0		0		0	
EBL	0		0	*	0	*
EBT	2	3400	907	0.27	859	0.27
EBR	0		0		43	
WBL	0		240		200	
WBT	2	3400	698	0.28*	1092	0.38*
WBR	0		0		0	
Adjustment			NBR	0.15	NBR	0.12
Overlaps					Clearance	0.05
Total ICU				0.48		0.63

637 - Sterling @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	54	0.03	91	0.05*
NBT	1	1700	66	0.04*	9	0.03
NBR	0		5		43	
SBL	1	1700	9	0.01*	68	0.04
SBT	1	1700	4	0.01	91	0.07*
SBR	0		12		36	
EBL	1	1700	69	0.04*	3	0.00
EBT	2	3400	326	0.12	941	0.31*
EBR	0		85		116	
WBL	1	1700	4	0.00	15	0.01*
WBT	2	3400	517	0.17*	346	0.10
WBR	0		53		9	
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.31		0.49

640 - Thomas @ Muirlands Bl.
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	34	0.02*	75	0.04*
NBT	1	1700	29	0.02	8	0.00
NBR	D	1700	4	0.00	22	0.01
SBL	1	1700	14	0.01	27	0.02
SBT	1	1700	10	0.01*	18	0.01*
SBR	D	1700	4	0.00	53	0.03
EBL	1	1700	21	0.01*	3	0.00
EBT	2	3400	198	0.06	970	0.29*
EBR	D	1700	92	0.05	79	0.05
WBL	1	1700	50	0.03	1	0.00*
WBT	2	3400	616	0.18*	334	0.10
WBR	D	1700	15	0.01	2	0.00
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.27		0.39

641 - Thomas @ Rockfield
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	0		0		0	
NBT	1	1700	0	*	0	*
NBR	0		0		0	
SBL	1	1700	37	0.02*	303	0.18*
SBT	1	1700	0	0.01	0	0.01
SBR	0		9		23	
EBL	1	1700	51	0.03*	62	0.04*
EBT	2	3400	11	0.00	81	0.02
EBR	D	1700	0		0	
WBL	1	1700	0		0	
WBT	2	1700	146	0.09*	77	0.03*
WBR	0	1700	254	0.15	31	
Adjustment			WBR	0.04		
Overlaps				Clearance		0.05
Total ICU				0.23		0.30

655 - Ridge Valley @ Corsair
Buildout Pending With Project (Feasibility Analysis)-ITAM TC V1.8
IRVINE

	Ln	Cap	AM Peak Hour Vol	AM Peak Hour V/C	PM Peak Hour Vol	PM Peak Hour V/C
NBL	1	1700	13	0.01*	43	0.03
NBT	2	3400	67	0.03	577	0.21*
NBR	0		38		138	
SBL	1	1700	17	0.01	34	0.02*
SBT	2	3400	402	0.12*	154	0.05
SBR	D	1700	17	0.01	0	
EBL	1	1700	11	0.01	0	
EBT	1	1700	0	0.05*	2	0.01*
EBR	0		80		23	
WBL	1	1700	93	0.05*	77	0.05*
WBT	1	1700	0		1	0.00
WBR	1	1700	26	0.02	20	0.01
Adjustment						
Overlaps				Clearance		0.05
Total ICU				0.28		0.34

ITAM ICU Intersection Report
Intersection 486 SR-133 Southbound Ramps/Great Park Boulevard

(with Mitigation Improvement)

486 - SR-133 SB Ramps @ Great Park Blvd.

Buildout Approved With Project (Feasibility Analysis) With Improvement - ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	3400	542	0.16*	176	0.05*
SBT	0.5	0	0		0	
SBR	2	3400	831	0.24	115	0.03
EBL	0		0		0	
EBT	2	3400	201	0.06*	769	0.23*
EBR	1	1700	919	0.54	514	0.30
WBL	2	3400	1097	0.32*	786	0.23*
WBT	2	3400	368	0.11	769	0.23
WBR	0		0		0	
Adjustment			EBR	0.36	EBR	0.03
Overlaps					Clearance	0.05
Total ICU				0.95		0.59

Buildout Approved Plus Project With Improvement

(without the Jeffrey Road extension from Portola Parkway to SR-241)

Buildout Pending Plus Project With Improvement

(without the Jeffrey Road extension from Portola Parkway to Santiago Canyon Road)

486 - SR-133 SB Ramps @ Great Park Blvd.

Buildout Pending With Project (Feasibility Analysis) With Improvement - ITAM TC V1.8

IRVINE

			AM Peak Hour		PM Peak Hour	
	Ln	Cap	Vol	V/C	Vol	V/C
NBL	0		0		0	
NBT	0		0	*	0	*
NBR	0		0		0	
SBL	1.5	3400	499	0.15*	230	0.07*
SBT	0.5	0	0		0	
SBR	2	3400	971	0.29	167	0.05
EBL	0		0		0	
EBT	2	3400	194	0.06*	743	0.22*
EBR	1	1700	879	0.52	621	0.37
WBL	2	3400	1136	0.33*	838	0.25*
WBT	2	3400	487	0.14	729	0.21
WBR	0		0		0	
Adjustment			EBR	0.35	EBR	0.10
Overlaps					Clearance	0.05
Total ICU				0.94		0.69

ATTACHMENT C

VMT WORKSHEET

3-Mile Radius

	With Jeffery	No Jeffery	Diff	Diff %
1	1,020,241	1,020,781	540	0.05%
2	561,435	578,973	17,538	3.12%
3	384,831	379,371	(5,459)	-1.42%
4	7,897	7,901	4	0.05%
5	66,835	67,127	291	0.44%
6	76,920	77,313	393	0.51%
7	-	-	-	#DIV/0!
8	83,255	83,320	66	0.08%
9	90,301	91,367	1,066	1.18%
10	744,428	749,110	4,682	0.63%
11	93,072	94,539	1,467	1.58%
Total	3,129,215	3,149,803	20,589	0.66%

Buildout Approved Plus Project Scenario

ID	Length	FT	With Jeffery	No Jeffery	Diff
20405	1.097937	10	39191.34892	38979.35756	-211.991359
25505	1.445435	10	51266.71808	51240.28105	-26.437034
39611	0.675741	3	13478.83476	13622.34074	143.505983
42228	0.887238	11	1880.945293	1882.877317	1.932024
43303	0.303236	11	322.564917	326.122566	3.557649
44818	0.305137	5	1304.521677	1303.527617	-0.99406
44821	0.513447	11	822.782748	824.970653	2.187905
18784	0.30934	1	57082.25861	57179.99446	97.735847
22143	0.24532	2	7304.146768	7486.800896	182.654128
22144	0.202431	2	6305.901082	6492.054666	186.153584
22296	0.265149	2	8181.240776	8183.738004	2.497228
26224	0.687587	8	8133.347547	8147.153911	13.806364
26971	0.392868	10	13247.53589	13213.76131	-33.774573
26974	0.312758	1	51465.48202	51546.55531	81.073287
27806	0.648164	8	8634.596721	8642.210837	7.614116
39602	0.533772	10	16401.74726	16352.41394	-49.333319
39603	0.089585	9	474.51982	506.924403	32.404583
41590	0.090561	3	302.025232	292.080938	-9.944294
41599	0.086784	4	485.536399	488.045902	2.509503
41833	0.196199	3	1946.625275	1954.633789	8.008514
41837	0.213073	6	690.529322	690.329297	-0.200025
41841	0.16754	6	0	0	0
41843	0.141752	6	389.484553	387.308035	-2.176518
41851	0.150314	6	197.672052	199.968327	2.296275
41855	0.324358	6	2595.50991	2598.713979	3.204069
41870	0.117602	6	197.299433	197.388219	0.088786
42345	0.121281	11	145.080879	144.800529	-0.28035
42360	0.074203	4	289.288788	289.539336	0.250548
42363	0.161287	11	252.412264	255.713578	3.301314
43783	0.171222	6	3517.409141	3526.085518	8.676377
43809	0.05925	11	75.780654	75.781566	0.000912
43827	0.081337	6	288.473188	292.441166	3.967978
43828	0.134659	11	69.57016	69.551797	-0.018363

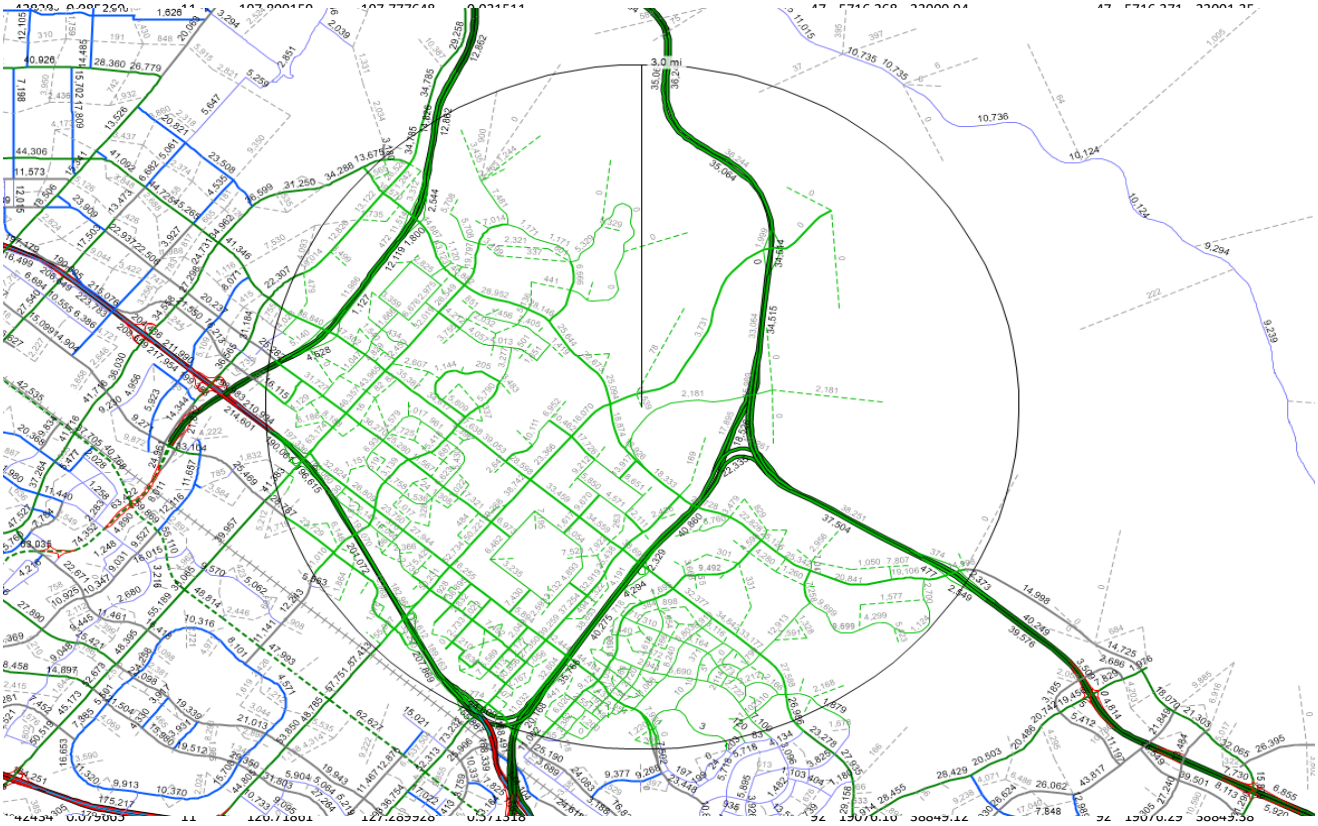
Data From ITAM (dayflow)

BOP with Jeffery

ID1	TOT_VMT	TOT_Flow
1	33943.95	69628.84
2	3538.94	3217.476
3	1195.538	395.6083
4	1299.038	895.2025
5	49284.3	68815.77
6	0	0
7	581.4805	2033.707
8	570.0515	1763.343
9	19950.96	54546.08
10	1873.688	5711.353
11	9187.304	6233.452
13	38651.16	26500.26
15	13870.78	13895.73
16	154867.4	186243.1
18	1364.391	744.868
19	5715.282	1231.32
21	1763.125	4457.798
22	3216.499	4419.195
23	8072.625	11718.81
24	0	0
26	168155.4	212428.2
27	206249.2	147804.4
28	76020.78	154714.1
29	5560.836	1924.663
31	23269.52	31398.89
32	44071.73	38850.33
34	9840.256	5590.353
35	17570.09	12112.66
36	31766.67	34545.01
38	10643.11	7496.219
39	31968.39	8281.174
45	24124.03	41607.2
46	20133.81	41692.21

BOP no Jeffery

ID1	TOT_VMT	TOT_Flow
1	33943.88	69628.71
2	3538.893	3217.433
3	1195.534	395.6067
4	1299.033	895.1985
5	49284.28	68815.74
6	0	0
7	581.479	2033.701
8	570.0501	1763.338
9	19950.99	54546.16
10	1873.69	5711.36
11	9187.291	6233.443
13	38651.12	26500.24
15	13870.97	13895.91
16	154868.5	186244.4
18	1364.419	744.8837
19	5715.36	1231.337
21	1763.126	4457.801
22	3216.496	4419.19
23	8072.664	11718.87
24	0	0
26	168155.4	212428.2
27	206220	147783.5
28	76021	154714.5
29	5560.767	1924.639
31	23269.57	31398.95
32	44071.92	38850.5
34	9840.361	5590.412
35	17574.54	12115.73
36	31766.88	34545.24
38	10643.41	7496.43
39	31964.75	8280.229
45	24124.89	41608.67
46	20134.22	41693.07



3-Mile Radius

Buildout Pending Plus Project Scenario

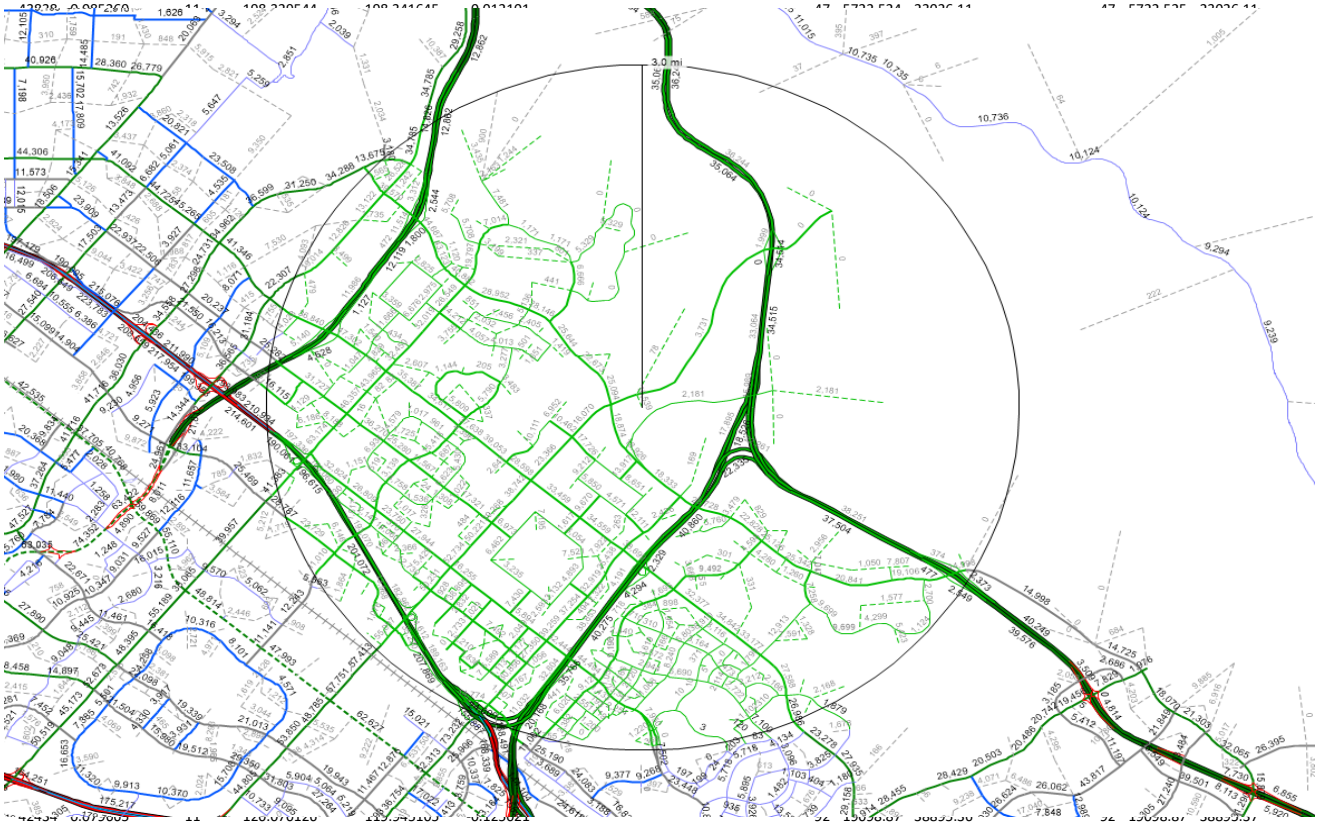
	With Jeffery	No Jeffery	Diff	Diff %
1	1,079,258	1,079,497	239	0.02%
2	602,552	604,289	1,737	0.29%
3	414,404	405,566	(8,838)	-2.13%
4	8,706	8,710	4	0.05%
5	74,564	74,563	(1)	0.00%
6	77,601	77,747	146	0.19%
7	-	-	-	#DIV/0!
8	95,683	95,678	(5)	-0.01%
9	93,592	93,947	356	0.38%
10	788,539	791,646	3,107	0.39%
11	97,585	97,578	(7)	-0.01%
Total	3,332,483	3,329,221	(3,262)	-0.10%

ID	Length	FT	With Jeffery	No Jeffery	Diff
20405	1.097937	10	41996.72654	41889.52575	-107.200791
25505	1.445435	10	54209.87815	54217.1356	7.257449
39611	0.675741	3	14083.29123	14100.57618	17.284955
42228	0.887238	11	1935.177048	1935.179168	0.00212
43303	0.303236	11	318.391452	322.306722	3.91527
44818	0.305137	5	1311.906821	1310.320065	-1.586756
44821	0.513447	11	809.471797	812.078398	2.606601
18784	0.30934	1	60083.64287	60090.61762	6.974743
22143	0.24532	2	6709.388639	6781.452447	72.063808
22144	0.202431	2	6567.666481	6683.435038	115.768557
22296	0.265149	2	8796.902483	8803.957761	7.055278
26224	0.687587	8	9376.983017	9402.189151	25.206134
26971	0.392868	10	14051.44189	14033.77474	-17.667148
26974	0.312758	1	54464.72047	54480.94653	16.226058
27806	0.648164	8	9735.375632	9733.976663	-1.398969
39602	0.533772	10	17510.08619	17488.96689	-21.119308
39603	0.089585	9	541.817865	571.924549	30.106684
41590	0.090561	3	398.750478	392.406858	-6.34362
41599	0.086784	4	485.058532	486.383309	1.324777
41833	0.196199	3	1804.729203	1804.73769	0.008487
41837	0.213073	6	674.142002	675.140196	0.998194
41841	0.16754	6	0	0	0
41843	0.141752	6	413.305683	412.735409	-0.570274
41851	0.150314	6	176.64218	176.990523	0.348343
41855	0.324358	6	2672.694371	2673.275135	0.580764
41870	0.117602	6	196.578818	196.544085	-0.034733
42345	0.121281	11	142.69531	142.381302	-0.314008
42360	0.074203	4	309.310054	309.046427	-0.263627
42363	0.161287	11	220.41829	220.313107	-0.105183
43783	0.171222	6	3510.649851	3511.973971	1.32412
43809	0.05925	11	77.353663	77.353629	-3.4E-05
43827	0.081337	6	294.395229	294.969684	0.574455
43828	0.134659	11	70.171661	70.13838	-0.033281

Data From ITAM (dayflow)

BOA with Jeffery

ID1	TOT_VMT	TOT_Flow
1	33947.54	69636.22
2	3538.113	3216.724
3	1195.557	395.6143
4	1299.021	895.1906
5	49286.26	68818.51
6	0	0
7	581.4872	2033.73
8	570.0453	1763.324
9	19955.41	54558.24
10	1874.207	5712.936
11	9188.518	6234.276
13	38657.41	26504.55
15	13878.42	13903.38
16	154904.1	186287.3
18	1366.107	745.8048
19	5720.559	1232.457
21	1763.23	4458.063
22	3216.684	4419.449
23	8074.443	11721.45
24	0	0
26	168171.6	212448.7
27	206320	147855.2
28	76016.45	154705.3
29	5565.404	1926.244
31	23284.05	31418.5
32	44053.13	38833.93
34	9804.215	5569.877
35	17595.87	12130.43
36	31823.03	34606.3
38	10667.55	7513.433
39	32028.11	8296.642
45	24177.42	41699.28
46	20163.97	41754.68

BOA no Jeffery

ID1	TOT_VMT	TOT_Flow
1	33947.55	69636.23
2	3538.116	3216.727
3	1195.557	395.6144
4	1299.021	895.1908
5	49286.26	68818.51
6	0	0
7	581.4873	2033.73
8	570.0454	1763.324
9	19955.41	54558.24
10	1874.206	5712.935
11	9188.518	6234.276
13	38657.41	26504.55
15	13878.4	13903.36
16	154904.1	186287.2
18	1366.106	745.8043
19	5720.554	1232.456
21	1763.23	4458.063
22	3216.684	4419.45
23	8074.44	11721.45
24	0	0
26	168171.6	212448.7
27	206366	147888.1
28	76016.45	154705.2
29	5565.403	1926.243
31	23284.05	31418.5
32	44053.13	38833.93
34	9804.215	5569.878
35	17594.13	12129.23
36	31823.02	34606.3
38	10667.56	7513.434
39	32028.78	8296.818
45	24177.43	41699.3
46	20163.98	41754.7